SUBMITED VIA CFTC PORTAL

Secretary of the Commission Office of the Secretariat U.S. Commodity Futures Trading Commission Three Lafayette Centre 1155 21st Street, N.W. Washington, D.C. 20581

Re: KalshiEX LLC. Weekly Notification of Rule Amendments Pursuant to Regulation 40.6(d)

Dear Madam or Sir,

Pursuant to Commodity Futures Trading Commission Regulation 40.6(d), the Exchange submits this weekly notification of the following rule amendments effective during the week of December 18, 2022 to December 24, 2022.

Rule changes relating to the following rules [538APPROVE, APPROVE, BOE, CHIHIGH, CORECPI, COREPCE, EURUSD, FRM, GAS, GDP, INX, NASDAQ100, NHIGH, TSAW, U3, USDJPY, WTIOIL, YOYCPI, YOYCPICORE] and relating to the following products [Will the President's approval rating be {{above/below/between> {{percentage points}} on {{date}} according to FiveThirtyEight?, What will Joe Biden's approval rating be?, Will the Bank of England set the bank rate at ? , What will the high temperature be in Chicago? , Will core CPI growth be {above/below/between} {percent} in {month}?, Will core Personal Consumption Expenditures price index inflation be in ? , Will EUR/USD be {above/below/between} {count}? , Will the 30-Yr FRM be above {interest rate}?, What will average gas prices be?, Will real GDP {increase/decrease} by more than {percent}?, Will \$INX close on ?, Will the Nasdaq-100 close ?, What will the high temperature be in Central Park?, How many people will be screened by the TSA on average this week? , What will the unemployment rate be? , Will USD/JPY be {above/below/between} {count}?, Will the settle price of WTI crude oil futures be {{above/below/between}} {{price}} for {{date}}?, Will year-over-year inflation for the year ending be ?, Will core inflation be for the 12 months ending ?] were amended as noted in detail below:

• Changes made to ticker 538APPROVE (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will the President's approval rating be {{above/below/between> {{percentage points}} on {{date}} according to FiveThirtyEight?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

538APPROVE-22DEC28-B42.1

Date: December 28, 2022 Above/Below/Between: between Percentage Points: 42.0-42.2 Cap_strike: 42.2 Floor strike: 42.0

538APPROVE-22DEC28-B42.4

Date: December 28, 2022 Above/Below/Between: between Percentage Points: 42.3-42.5 Cap_strike: 42.5 Floor_strike: 42.3

538APPROVE-22DEC28-B42.7

Date: December 28, 2022 Above/Below/Between: between Percentage Points: 42.6-42.8 Cap_strike: 42.8 Floor_strike: 42.6

538APPROVE-22DEC28-B43.0

Date: December 28, 2022 Above/Below/Between: between Percentage Points: 42.9-43.1 Cap_strike: 43.1 Floor strike: 42.9

538APPROVE-22DEC28-B43.3

Date: December 28, 2022 Above/Below/Between: between Percentage Points: 43.2-43.4 Cap_strike: 43.4 Floor strike: 43.2

538APPROVE-22DEC28-B43.6

Date: December 28, 2022 Above/Below/Between: between Percentage Points: 43.5-43.7 Cap_strike: 43.7 Floor strike: 43.5

538APPROVE-22DEC28-B43.9

Date: December 28, 2022 Above/Below/Between: between Percentage Points: 43.8-44.0 Cap_strike: 44.0 Floor_strike: 43.8

538APPROVE-22DEC28-T42.0

Date: December 28, 2022 Above/Below/Between: below Percentage Points: 42.0 Cap_strike: 42.0 Floor_strike: NA

538APPROVE-22DEC28-T44.0

Date: December 28, 2022 Above/Below/Between: above Percentage Points: 44.0 Cap_strike: NA Floor_strike: 44.0

• Changes made to ticker APPROVE (Category: Economic/Demographic Measure - non-US Govt, Product Name: What will Joe Biden's approval rating be?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

APRPOTUS-22DEC30-B42.5

Percentage Points: 42.4 and 42.6 Above/below/between: between Date: December 30, 2022 Cap_strike: 42.6 Floor_strike: 42.4

APRPOTUS-22DEC30-B42.8

Percentage Points: 42.7 and 42.9 Above/below/between: between Date: December 30, 2022 Cap_strike: 42.9 Floor_strike: 42.7

APRPOTUS-22DEC30-B43.1

Percentage Points: 43.0 and 43.2 Above/below/between: between Date: December 30, 2022 Cap_strike: 43.2 Floor_strike: 43.0

APRPOTUS-22DEC30-B43.4

Percentage Points: 43.3 and 43.5 Above/below/between: between Date: December 30, 2022 Cap_strike: 43.5 Floor strike: 43.3

APRPOTUS-22DEC30-B43.7

Percentage Points: 43.6 and 43.8 Above/below/between: between Date: December 30, 2022 Cap_strike: 43.8 Floor_strike: 43.6

APRPOTUS-22DEC30-B44.0

Percentage Points: 43.9 and 44.1 Above/below/between: between Date: December 30, 2022 Cap_strike: 44.1 Floor_strike: 43.9

APRPOTUS-22DEC30-B44.3

Percentage Points: 44.2 and 44.4 Above/below/between: between Date: December 30, 2022 Cap_strike: 44.4 Floor_strike: 44.2

APRPOTUS-22DEC30-T42.4

Percentage Points: 42.4 Above/below/between: below Date: December 30, 2022 Cap_strike: NA Floor_strike: NA

APRPOTUS-22DEC30-T44.4

Percentage Points: 44.4 Above/below/between: above Date: December 30, 2022 Cap_strike: NA Floor_strike: NA

• Changes made to ticker BOE (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will the Bank of England set the bank rate at ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

BOE-23FEB02-T3.49

Meeting: February 2, 2023

Percent: 3.49% Above/Below/Between: above

BOE-23FEB02-T3.74

Meeting: February 2, 2023 Percent: 3.74% Above/Below/Between: above

BOE-23FEB02-T3.99

Meeting: February 2, 2023 Percent: 3.99% Above/Below/Between: above

BOE-23FEB02-T4.24 Meeting: February 2, 2023 Percent: 4.24% Above/Below/Between: above

BOE-23FEB02-T4.49

Meeting: February 2, 2023 Percent: 4.49% Above/Below/Between: above

• Changes made to ticker CHIHIGH (Category: Weather/Climate, Product Name: What will the high temperature be in Chicago?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

HIGHCHI-22DEC19-B25.5

Date: December 19, 2022 Degrees: 25-26 Greater than/Less than/Between: between Cap_strike: 26 Floor_strike: 25

HIGHCHI-22DEC19-B27.5

Date: December 19, 2022 Degrees: 27-28 Greater than/Less than/Between: between Cap_strike: 28 Floor_strike: 27

HIGHCHI-22DEC19-B29.5

Date: December 19, 2022 Degrees: 29-30 Greater than/Less than/Between: between Cap_strike: 30 Floor strike: 29

HIGHCHI-22DEC19-B31.5

Date: December 19, 2022 Degrees: 31-32 Greater than/Less than/Between: between Cap_strike: 32 Floor strike: 31

HIGHCHI-22DEC19-T25

Date: December 19, 2022 Degrees: 25 Greater than/Less than/Between: less than Cap strike: NA Floor_strike: NA

HIGHCHI-22DEC19-T32

Date: December 19, 2022 Degrees: 32 Greater than/Less than/Between: greater than Cap_strike: NA Floor strike: NA

HIGHCHI-22DEC20-B29.5

Date: December 20, 2022 Degrees: 29-30 Greater than/Less than/Between: between Cap_strike: 30 Floor_strike: 29

HIGHCHI-22DEC20-B31.5

Date: December 20, 2022 Degrees: 31-32 Greater than/Less than/Between: between Cap_strike: 32 Floor_strike: 31

HIGHCHI-22DEC20-B33.5

Date: December 20, 2022 Degrees: 33-34 Greater than/Less than/Between: between Cap_strike: 34 Floor_strike: 33

HIGHCHI-22DEC20-B35.5

Date: December 20, 2022 Degrees: 35-36 Greater than/Less than/Between: between Cap_strike: 36 Floor_strike: 35

HIGHCHI-22DEC20-T29

Date: December 20, 2022 Degrees: 29 Greater than/Less than/Between: less than Cap_strike: NA Floor_strike: NA

HIGHCHI-22DEC20-T36

Date: December 20, 2022 Degrees: 36 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

HIGHCHI-22DEC21-B26.5

Date: December 21, 2022 Degrees: 26-27 Greater than/Less than/Between: between Cap_strike: 27 Floor strike: 26

HIGHCHI-22DEC21-B28.5

Date: December 21, 2022

Degrees: 28-29 Greater than/Less than/Between: between Cap_strike: 29 Floor_strike: 28

HIGHCHI-22DEC21-B30.5

Date: December 21, 2022 Degrees: 30-31 Greater than/Less than/Between: between Cap_strike: 31 Floor strike: 30

HIGHCHI-22DEC21-B32.5

Date: December 21, 2022 Degrees: 32-33 Greater than/Less than/Between: between Cap_strike: 33 Floor_strike: 32

HIGHCHI-22DEC21-T26

Date: December 21, 2022 Degrees: 26 Greater than/Less than/Between: less than Cap_strike: NA Floor strike: NA

HIGHCHI-22DEC21-T33

Date: December 21, 2022 Degrees: 33 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

HIGHCHI-22DEC22-B30.5

Date: December 22, 2022 Degrees: 30-31 Greater than/Less than/Between: between Cap_strike: 31 Floor strike: 30

HIGHCHI-22DEC22-B32.5

Date: December 22, 2022 Degrees: 32-33 Greater than/Less than/Between: between Cap_strike: 33 Floor_strike: 32

HIGHCHI-22DEC22-B34.5

Date: December 22, 2022 Degrees: 34-35 Greater than/Less than/Between: between Cap_strike: 35 Floor_strike: 34

HIGHCHI-22DEC22-B36.5

Date: December 22, 2022 Degrees: 36-37 Greater than/Less than/Between: between Cap_strike: 37 Floor_strike: 36

HIGHCHI-22DEC22-T30

Date: December 22, 2022 Degrees: 30 Greater than/Less than/Between: less than Cap_strike: NA Floor_strike: NA

HIGHCHI-22DEC22-T37

Date: December 22, 2022 Degrees: 37 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

HIGHCHI-22DEC23-B-0.5

Date: December 23, 2022 Degrees: -1-0 Greater than/Less than/Between: between Cap_strike: 0 Floor_strike: -1

HIGHCHI-22DEC23-B-2.5

Date: December 23, 2022 Degrees: -3--2 Greater than/Less than/Between: between Cap_strike: -2 Floor_strike: -3

HIGHCHI-22DEC23-B1.5

Date: December 23, 2022 Degrees: 1-2 Greater than/Less than/Between: between Cap_strike: 2 Floor_strike: 1

HIGHCHI-22DEC23-B3.5

Date: December 23, 2022 Degrees: 3-4 Greater than/Less than/Between: between Cap_strike: 4 Floor strike: 3

HIGHCHI-22DEC23-T-3

Date: December 23, 2022 Degrees: -3 Greater than/Less than/Between: less than Cap_strike: NA Floor_strike: NA

HIGHCHI-22DEC23-T4

Date: December 23, 2022 Degrees: 4 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

HIGHCHI-22DEC24-B11.5

Date: December 24, 2022 Degrees: 11-12 Greater than/Less than/Between: between Cap_strike: 12 Floor_strike: 11

HIGHCHI-22DEC24-B5.5

Date: December 24, 2022 Degrees: 5-6 Greater than/Less than/Between: between Cap_strike: 6 Floor_strike: 5

HIGHCHI-22DEC24-B7.5

Date: December 24, 2022 Degrees: 7-8 Greater than/Less than/Between: between Cap_strike: 8 Floor strike: 7

HIGHCHI-22DEC24-B9.5

Date: December 24, 2022 Degrees: 9-10 Greater than/Less than/Between: between Cap_strike: 10 Floor_strike: 9

HIGHCHI-22DEC24-T12

Date: December 24, 2022 Degrees: 12 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

HIGHCHI-22DEC24-T5

Date: December 24, 2022 Degrees: 5 Greater than/Less than/Between: less than Cap_strike: NA Floor_strike: NA

HIGHCHI-22DEC25-B11.5

Date: December 25, 2022 Degrees: 11-12 Greater than/Less than/Between: between Cap_strike: 12 Floor_strike: 11

HIGHCHI-22DEC25-B13.5

Date: December 25, 2022 Degrees: 13-14 Greater than/Less than/Between: between Cap_strike: 14 Floor_strike: 13

HIGHCHI-22DEC25-B15.5

Date: December 25, 2022 Degrees: 15-16 Greater than/Less than/Between: between Cap_strike: 16 Floor strike: 15

HIGHCHI-22DEC25-B17.5

Date: December 25, 2022 Degrees: 17-18 Greater than/Less than/Between: between Cap_strike: 18 Floor strike: 17

HIGHCHI-22DEC25-T11

Date: December 25, 2022 Degrees: 11 Greater than/Less than/Between: less than Cap_strike: NA Floor strike: NA

HIGHCHI-22DEC25-T18

Date: December 25, 2022 Degrees: 18 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

• Changes made to ticker CORECPI (Category: Economic/Demographic Measure - US Govt, Product Name: Will core CPI growth be {above/below/between} {percent} in {month}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

CPICORE-23APR-T0.0

Month: April 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-23APR-T0.1

Month: April 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-23APR-T0.2

Month: April 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-23APR-T0.3

Month: April 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-23APR-T0.4

Month: April 2023 Percent: 0.4 Above/Below/Between: Above

CPICORE-23APR-T0.5

Month: April 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-23APR-T0.6

Month: April 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-23APR-T0.7

Month: April 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-23APR-T0.8

Month: April 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23APR-T0.9

Month: April 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-23APR-T1.0

Month: April 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-23APR-T1.1

Month: April 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23APR-TN0.1 Month: April 2023 Percent: -0.1 Above/Below/Between: Above

CPICORE-23APR-TN0.2

Month: April 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-23APR-TN0.3

Month: April 2023 Percent: -0.3 Above/Below/Between: Above

CPICORE-23AUG-T0.0

Month: August 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-23AUG-T0.1

Month: August 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-23AUG-T0.2

Month: August 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-23AUG-T0.3

Month: August 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-23AUG-T0.4

Month: August 2023 Percent: 0.4 Above/Below/Between: Above

CPICORE-23AUG-T0.5

Month: August 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-23AUG-T0.6

Month: August 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-23AUG-T0.7

Month: August 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-23AUG-T0.8

Month: August 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23AUG-T0.9 Month: August 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-23AUG-T1.0

Month: August 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-23AUG-T1.1

Month: August 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23AUG-TN0.1

Month: August 2023 Percent: -0.1 Above/Below/Between: Above

CPICORE-23AUG-TN0.2

Month: August 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-23AUG-TN0.3

Month: August 2023 Percent: -0.3 Above/Below/Between: Above

CPICORE-23FEB-T0.0

Month: February 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-23FEB-T0.1

Month: February 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-23FEB-T0.2

Month: February 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-23FEB-T0.3

Month: February 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-23FEB-T0.4

Month: February 2023 Percent: 0.4 Above/Below/Between: Above

CPICORE-23FEB-T0.5

Month: February 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-23FEB-T0.6

Month: February 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-23FEB-T0.7

Month: February 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-23FEB-T0.8

Month: February 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23FEB-T0.9

Month: February 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-23FEB-T1.0

Month: February 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-23FEB-T1.1

Month: February 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23FEB-T1.2

Month: February 2023 Percent: 1.2 Above/Below/Between: Above

CPICORE-23FEB-TN0.1

Month: February 2023 Percent: -0.1 Above/Below/Between: Above

CPICORE-23FEB-TN0.2

Month: February 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-23JUL-T0.0

Month: July 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-23JUL-T0.1

Month: July 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-23JUL-T0.2

Month: July 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-23JUL-T0.3 Month: July 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-23JUL-T0.4

Month: July 2023 Percent: 0.4 Above/Below/Between: Above

CPICORE-23JUL-T0.5

Month: July 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-23JUL-T0.6 Month: July 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-23JUL-T0.7

Month: July 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-23JUL-T0.8

Month: July 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23JUL-T0.9

Month: July 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-23JUL-T1.0

Month: July 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-23JUL-T1.1

Month: July 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23JUL-TN0.1

Month: July 2023 Percent: -0.1 Above/Below/Between: Above

CPICORE-23JUL-TN0.2

Month: July 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-23JUL-TN0.3

Month: July 2023 Percent: -0.3 Above/Below/Between: Above

CPICORE-23JUN-T0.0 Month: June 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-23JUN-T0.1

Month: June 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-23JUN-T0.2

Month: June 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-23JUN-T0.3 Month: June 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-23JUN-T0.4 Month: June 2023 Percent: 0.4

Above/Below/Between: Above

CPICORE-23JUN-T0.5

Month: June 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-23JUN-T0.6

Month: June 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-23JUN-T0.7

Month: June 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-23JUN-T0.8

Month: June 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23JUN-T0.9

Month: June 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-23JUN-T1.0

Month: June 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-23JUN-T1.1

Month: June 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23JUN-TN0.1 Month: June 2023 Percent: -0.1

Above/Below/Between: Above

CPICORE-23JUN-TN0.2

Month: June 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-23JUN-TN0.3

Month: June 2023 Percent: -0.3 Above/Below/Between: Above

CPICORE-23MAR-T0.0

Month: March 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-23MAR-T0.1

Month: March 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-23MAR-T0.2

Month: March 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-23MAR-T0.3

Month: March 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-23MAR-T0.4

Month: March 2023 Percent: 0.4 Above/Below/Between: Above

CPICORE-23MAR-T0.5

Month: March 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-23MAR-T0.6

Month: March 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-23MAR-T0.7

Month: March 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-23MAR-T0.8

Month: March 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23MAR-T0.9 Month: March 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-23MAR-T1.0

Month: March 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-23MAR-T1.1

Month: March 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23MAR-T1.2

Month: March 2023 Percent: 1.2 Above/Below/Between: Above

CPICORE-23MAR-TN0.1

Month: March 2023 Percent: -0.1 Above/Below/Between: Above

CPICORE-23MAR-TN0.2

Month: March 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-23MAY-T0.0

Month: May 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-23MAY-T0.1

Month: May 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-23MAY-T0.2

Month: May 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-23MAY-T0.3

Month: May 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-23MAY-T0.4

Month: May 2023 Percent: 0.4 Above/Below/Between: Above

CPICORE-23MAY-T0.5

Month: May 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-23MAY-T0.6 Month: May 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-23MAY-T0.7

Month: May 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-23MAY-T0.8

Month: May 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23MAY-T0.9

Month: May 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-23MAY-T1.0

Month: May 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-23MAY-T1.1

Month: May 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23MAY-TN0.1

Month: May 2023 Percent: -0.1 Above/Below/Between: Above

CPICORE-23MAY-TN0.2

Month: May 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-23MAY-TN0.3

Month: May 2023 Percent: -0.3 Above/Below/Between: Above

CPICORE-23NOV-T0.0

Month: November 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-23NOV-T0.1

Month: November 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-23NOV-T0.2

Month: November 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-23NOV-T0.3 Month: November 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-23NOV-T0.4

Month: November 2023 Percent: 0.4 Above/Below/Between: Above

CPICORE-23NOV-T0.5

Month: November 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-23NOV-T0.6

Month: November 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-23NOV-T0.7

Month: November 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-23NOV-T0.8

Month: November 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23NOV-T0.9

Month: November 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-23NOV-T1.0

Month: November 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-23NOV-T1.1

Month: November 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23NOV-TN0.1

Month: November 2023 Percent: -0.1 Above/Below/Between: Above

CPICORE-23NOV-TN0.2

Month: November 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-23NOV-TN0.3

Month: November 2023 Percent: -0.3 Above/Below/Between: Above

CPICORE-23OCT-T0.0 Month: October 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-230CT-T0.1

Month: October 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-230CT-T0.2

Month: October 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-230CT-T0.3

Month: October 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-230CT-T0.4

Month: October 2023 Percent: 0.4 Above/Below/Between: Above

CPICORE-230CT-T0.5

Month: October 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-230CT-T0.6

Month: October 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-230CT-T0.7

Month: October 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-230CT-T0.8

Month: October 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23OCT-T0.9

Month: October 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-230CT-T1.0

Month: October 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-230CT-T1.1

Month: October 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23OCT-TN0.1 Month: October 2023 Percent: -0.1 Above/Below/Between: Above

CPICORE-230CT-TN0.2

Month: October 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-230CT-TN0.3

Month: October 2023 Percent: -0.3 Above/Below/Between: Above

CPICORE-23SEP-T0.0 Month: September 2023 Percent: 0.0 Above/Below/Between: Above

CPICORE-23SEP-T0.1 Month: September 2023 Percent: 0.1 Above/Below/Between: Above

CPICORE-23SEP-T0.2

Month: September 2023 Percent: 0.2 Above/Below/Between: Above

CPICORE-23SEP-T0.3

Month: September 2023 Percent: 0.3 Above/Below/Between: Above

CPICORE-23SEP-T0.4

Month: September 2023 Percent: 0.4 Above/Below/Between: Above

CPICORE-23SEP-T0.5

Month: September 2023 Percent: 0.5 Above/Below/Between: Above

CPICORE-23SEP-T0.6

Month: September 2023 Percent: 0.6 Above/Below/Between: Above

CPICORE-23SEP-T0.7

Month: September 2023 Percent: 0.7 Above/Below/Between: Above

CPICORE-23SEP-T0.8

Month: September 2023 Percent: 0.8 Above/Below/Between: Above

CPICORE-23SEP-T0.9

Month: September 2023 Percent: 0.9 Above/Below/Between: Above

CPICORE-23SEP-T1.0

Month: September 2023 Percent: 1.0 Above/Below/Between: Above

CPICORE-23SEP-T1.1

Month: September 2023 Percent: 1.1 Above/Below/Between: Above

CPICORE-23SEP-TN0.1

Month: September 2023 Percent: -0.1 Above/Below/Between: Above

CPICORE-23SEP-TN0.2

Month: September 2023 Percent: -0.2 Above/Below/Between: Above

CPICORE-23SEP-TN0.3

Month: September 2023 Percent: -0.3 Above/Below/Between: Above

• Changes made to ticker COREPCE (Category: Economic/Demographic Measure - US Govt, Product Name: Will core Personal Consumption Expenditures price index inflation be in ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

PCECORE-22DEC-T0.0

Above/Below/Between: above Percent: 0.0% Month: December 2022

PCECORE-22DEC-T0.1

Above/Below/Between: above Percent: 0.1% Month: December 2022

PCECORE-22DEC-T0.2

Above/Below/Between: above Percent: 0.2% Month: December 2022

PCECORE-22DEC-T0.3

Above/Below/Between: above Percent: 0.3% Month: December 2022

PCECORE-22DEC-T0.4

Above/Below/Between: above Percent: 0.4% Month: December 2022

PCECORE-22DEC-T0.5

Above/Below/Between: above Percent: 0.5% Month: December 2022

PCECORE-22DEC-T0.6

Above/Below/Between: above Percent: 0.6% Month: December 2022

PCECORE-22DEC-T0.7

Above/Below/Between: above Percent: 0.7% Month: December 2022

PCECORE-22DEC-TN0.1

Above/Below/Between: above Percent: -0.1% Month: December 2022

• Changes made to ticker EURUSD (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will EUR/USD be {above/below/between} {count}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

EURUSD-22DEC1910-1.05400

Count: 1.05400 Date: December 19, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC1910-1.055

Count: 1.05400-1.05599 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.05599 Floor_strike: 1.05400 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC1910-1.057

Count: 1.05600-1.05799 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.05799 Floor_strike: 1.05600 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC1910-1.059

Count: 1.05800-1.05999 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.05999 Floor_strike: 1.05800 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC1910-1.061

Count: 1.06000-1.06199 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.06199 Floor_strike: 1.06000 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC1910-1.063

Count: 1.06200-1.06399 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.06399 Floor_strike: 1.06200 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC1910-1.06399

Count: 1.06399 Date: December 19, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC1918-1.05600

Count: 1.05600 Date: December 19, 2022 Above/Below/Between: below Cap_strike: NA Floor strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC1918-1.057

Count: 1.05600-1.05799 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.05799 Floor_strike: 1.05600 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC1918-1.059

Count: 1.05800-1.05999 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.05999 Floor_strike: 1.05800 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC1918-1.061

Count: 1.06000-1.06199 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.06199 Floor_strike: 1.06000 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC1918-1.063

Count: 1.06200-1.06399 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.06399 Floor_strike: 1.06200 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC1918-1.065

Count: 1.06400-1.06599 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 1.06599 Floor_strike: 1.06400 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC1918-1.06599

Count: 1.06599 Date: December 19, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2010-1.05600 Count: 1.05600

Date: December 20, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2010-1.057

Count: 1.05600-1.05799 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.05799 Floor_strike: 1.05600 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2010-1.059

Count: 1.05800-1.05999 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.05999 Floor_strike: 1.05800 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2010-1.061

Count: 1.06000-1.06199 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.06199 Floor_strike: 1.06000 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2010-1.063

Count: 1.06200-1.06399 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.06399 Floor_strike: 1.06200 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2010-1.065

Count: 1.06400-1.06599 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.06599 Floor_strike: 1.06400 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2010-1.06599

Count: 1.06599 Date: December 20, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2018-1.05600

Count: 1.05600 Date: December 20, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2018-1.057

Count: 1.05600-1.05799 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.05799 Floor_strike: 1.05600 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2018-1.059

Count: 1.05800-1.05999 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.05999 Floor_strike: 1.05800 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2018-1.061

Count: 1.06000-1.06199 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.06199 Floor_strike: 1.06000 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2018-1.063

Count: 1.06200-1.06399 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.06399 Floor_strike: 1.06200 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2018-1.065

Count: 1.06400-1.06599 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 1.06599 Floor_strike: 1.06400 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2018-1.06599

Count: 1.06599 Date: December 20, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2110-1.05800

Count: 1.05800 Date: December 21, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2110-1.059

Count: 1.05800-1.05999 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.05999 Floor_strike: 1.05800 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2110-1.061

Count: 1.06000-1.06199 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.06199 Floor_strike: 1.06000 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2110-1.063

Count: 1.06200-1.06399 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.06399 Floor_strike: 1.06200 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2110-1.065

Count: 1.06400-1.06599 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.06599 Floor_strike: 1.06400 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2110-1.067

Count: 1.06600-1.06799 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.06799 Floor_strike: 1.06600 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2110-1.06799

Count: 1.06799 Date: December 21, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2118-1.05600

Count: 1.05600 Date: December 21, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2118-1.057

Count: 1.05600-1.05799 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.05799 Floor_strike: 1.05600 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2118-1.059

Count: 1.05800-1.05999 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.05999 Floor_strike: 1.05800 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2118-1.061

Count: 1.06000-1.06199 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.06199 Floor_strike: 1.06000 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2118-1.063

Count: 1.06200-1.06399 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.06399 Floor_strike: 1.06200 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2118-1.065

Count: 1.06400-1.06599 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 1.06599 Floor_strike: 1.06400 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2118-1.06599

Count: 1.06599 Date: December 21, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2210-1.05600

Count: 1.05600 Date: December 22, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2210-1.057

Count: 1.05600-1.05799 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.05799 Floor_strike: 1.05600 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2210-1.059

Count: 1.05800-1.05999 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.05999 Floor_strike: 1.05800 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2210-1.061

Count: 1.06000-1.06199 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.06199 Floor_strike: 1.06000 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2210-1.063

Count: 1.06200-1.06399 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.06399 Floor_strike: 1.06200 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2210-1.065

Count: 1.06400-1.06599 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.06599 Floor_strike: 1.06400 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2210-1.06599

Count: 1.06599 Date: December 22, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2218-1.05400

Count: 1.05400 Date: December 22, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2218-1.055

Count: 1.05400-1.05599 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.05599 Floor_strike: 1.05400 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2218-1.057

Count: 1.05600-1.05799 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.05799 Floor_strike: 1.05600 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2218-1.059

Count: 1.05800-1.05999 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.05999 Floor_strike: 1.05800 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2218-1.061

Count: 1.06000-1.06199 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.06199 Floor strike: 1.06000 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2218-1.063

Count: 1.06200-1.06399 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 1.06399 Floor_strike: 1.06200 Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2218-1.06399

Count: 1.06399 Date: December 22, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

EURUSD-22DEC2310-1.05400

Count: 1.05400 Date: December 23, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2310-1.055

Count: 1.05400-1.05599 Date: December 23, 2022 Above/Below/Between: between Cap_strike: 1.05599 Floor_strike: 1.05400 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2310-1.057

Count: 1.05600-1.05799 Date: December 23, 2022 Above/Below/Between: between Cap_strike: 1.05799 Floor_strike: 1.05600 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2310-1.059

Count: 1.05800-1.05999 Date: December 23, 2022 Above/Below/Between: between Cap_strike: 1.05999 Floor_strike: 1.05800 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2310-1.061

Count: 1.06000-1.06199

Date: December 23, 2022 Above/Below/Between: between Cap_strike: 1.06199 Floor_strike: 1.06000 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2310-1.063

Count: 1.06200-1.06399 Date: December 23, 2022 Above/Below/Between: between Cap_strike: 1.06399 Floor_strike: 1.06200 Time: 10 AM EST Expiration Time: 11 AM EST

EURUSD-22DEC2310-1.06399

Count: 1.06399 Date: December 23, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

• Changes made to ticker FRM (Category: Economic/Demographic Measure - US Govt, Product Name: Will the 30-Yr FRM be above {interest rate}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

FRM-22DEC29-T5.50

Interest Rate: 5.50 Date: December 29, 2022 Expo_Date: January 05, 2023

FRM-22DEC29-T5.55

Interest Rate: 5.55 Date: December 29, 2022 Expo_Date: January 05, 2023

FRM-22DEC29-T5.60

Interest Rate: 5.60 Date: December 29, 2022 Expo_Date: January 05, 2023

FRM-22DEC29-T5.65

Interest Rate: 5.65 Date: December 29, 2022 Expo_Date: January 05, 2023

FRM-22DEC29-T5.70

Interest Rate: 5.70 Date: December 29, 2022 Expo_Date: January 05, 2023

FRM-22DEC29-T5.75

Interest Rate: 5.75 Date: December 29, 2022 Expo_Date: January 05, 2023

FRM-22DEC29-T5.80

Interest Rate: 5.80 Date: December 29, 2022 Expo_Date: January 05, 2023

• Changes made to ticker GAS (Category: Economic/Demographic Measure - US Govt, Product Name: What will average gas prices be?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

GAS-22DEC26-T2.80

Date: December 26, 2022 Price: \$2.80 Expo date: January 09, 2023

GAS-22DEC26-T2.90

Date: December 26, 2022 Price: \$2.90 Expo_date: January 09, 2023

GAS-22DEC26-T3.00

Date: December 26, 2022 Price: \$3.00 Expo_date: January 09, 2023

GAS-22DEC26-T3.10

Date: December 26, 2022 Price: \$3.10 Expo_date: January 09, 2023

GAS-22DEC26-T3.20

Date: December 26, 2022 Price: \$3.20 Expo date: January 09, 2023

• Changes made to ticker GDP (Category: Economic/Demographic Measure - US Govt, Product Name: Will real GDP {increase/decrease} by more than {percent}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

GDP-23APR27-T0.4

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: 0.4

GDP-23APR27-T0.9

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: 0.9

GDP-23APR27-T1.4

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: 1.4

GDP-23APR27-T1.9

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: 1.9

GDP-23APR27-T2.4

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: 2.4

GDP-23APR27-T2.9

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: 2.9

GDP-23APR27-T3.4

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: 3.4

GDP-23APR27-T3.9

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: 3.9

GDP-23APR27-T4.4

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: 4.4

GDP-23APR27-TN0.1

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: -0.1

GDP-23APR27-TN0.6

Increase/Decrease: Increase Quarter: 2023 Q1 Percent: -0.6

GDP-23APR28-T0.9

Increase/Decrease: NA Quarter: NA Percent: NA

GDP-23APR28-T1.9

Increase/Decrease: NA Quarter: NA Percent: NA

GDP-23APR28-T2.9

Increase/Decrease: NA Quarter: NA Percent: NA

GDP-23APR28-T3.9

Increase/Decrease: NA Quarter: NA Percent: NA

GDP-23APR28-T4.9

Increase/Decrease: NA Quarter: NA Percent: NA

GDP-23APR28-T5.9

Increase/Decrease: NA Quarter: NA Percent: NA

GDP-23APR28-TN0.1

Increase/Decrease: NA Quarter: NA Percent: NA

GDP-23APR28-TN1.1

Increase/Decrease: NA Quarter: NA Percent: NA

GDP-23APR28-TN2.1

Increase/Decrease: NA Quarter: NA Percent: NA

GDP-23JUL27-T-0.1

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: -0.1

GDP-23JUL27-T0.4

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: 0.4

GDP-23JUL27-T0.9

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: 0.9

GDP-23JUL27-T1.4

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: 1.4

GDP-23JUL27-T1.9

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: 1.9

GDP-23JUL27-T2.4

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: 2.4

GDP-23JUL27-T2.9

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: 2.9

GDP-23JUL27-T3.4

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: 3.4

GDP-23JUL27-T3.9

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: 3.9

GDP-23JUL27-TN0.6

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: -0.6

GDP-23JUL27-TN1.1

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: -1.1

GDP-23JUL27-TN1.6

Increase/Decrease: Increase Quarter: 2023 Q2 Percent: -1.6

GDP-230CT26-T0.4

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: 0.4

GDP-230CT26-T0.9

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: 0.9

GDP-230CT26-T1.4

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: 1.4

GDP-230CT26-T1.9

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: 1.9

GDP-230CT26-T2.4

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: 2.4

GDP-230CT26-T2.9

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: 2.9

GDP-230CT26-T3.4

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: 3.4

GDP-230CT26-T3.9

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: 3.9

GDP-230CT26-TN0.1

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: -0.1

GDP-230CT26-TN0.6

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: -0.6

GDP-230CT26-TN1.1

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: -1.1

GDP-230CT26-TN1.6

Increase/Decrease: Increase Quarter: 2023 Q3 Percent: -1.6

• Changes made to ticker INX (Category: Commodity Price, Product Name: Will \$INX close on ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

INXD-22DEC20-B3625

Value: 3600-3649.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 3649.99 Floor strike: 3600

INXD-22DEC20-B3675

Value: 3650-3699.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 3699.99 Floor_strike: 3650

INXD-22DEC20-B3725

Value: 3700-3749.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 3749.99 Floor_strike: 3700

INXD-22DEC20-B3775

Value: 3750-3799.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 3799.99 Floor strike: 3750

INXD-22DEC20-B3825

Value: 3800-3849.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 3849.99 Floor_strike: 3800

INXD-22DEC20-B3875

Value: 3850-3899.99

Date: December 20, 2022 Above/Below/Between: between Cap_strike: 3899.99 Floor_strike: 3850

INXD-22DEC20-B3925

Value: 3900-3949.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 3949.99 Floor strike: 3900

INXD-22DEC20-B3975

Value: 3950-3999.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 3999.99 Floor_strike: 3950

INXD-22DEC20-T3600

Value: 3600 Date: December 20, 2022 Above/Below/Between: below Cap_strike: NA Floor strike: NA

INXD-22DEC20-T3999.99

Value: 3999.99 Date: December 20, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA

INXD-22DEC21-B3625

Value: 3600-3649.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 3649.99 Floor_strike: 3600

INXD-22DEC21-B3675

Value: 3650-3699.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 3699.99 Floor_strike: 3650

INXD-22DEC21-B3725

Value: 3700-3749.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 3749.99 Floor strike: 3700

INXD-22DEC21-B3775

Value: 3750-3799.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 3799.99 Floor_strike: 3750

INXD-22DEC21-B3825

Value: 3800-3849.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 3849.99 Floor_strike: 3800

INXD-22DEC21-B3875

Value: 3850-3899.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 3899.99 Floor_strike: 3850

INXD-22DEC21-B3925

Value: 3900-3949.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 3949.99 Floor strike: 3900

INXD-22DEC21-B3975

Value: 3950-3999.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 3999.99 Floor_strike: 3950

INXD-22DEC21-T3600

Value: 3600 Date: December 21, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA

INXD-22DEC21-T3999.99

Value: 3999.99 Date: December 21, 2022 Above/Below/Between: above Cap_strike: NA Floor strike: NA

INXD-22DEC22-B3675

Value: 3650-3699.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 3699.99 Floor_strike: 3650

INXD-22DEC22-B3725

Value: 3700-3749.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 3749.99 Floor_strike: 3700

INXD-22DEC22-B3775

Value: 3750-3799.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 3799.99 Floor_strike: 3750

INXD-22DEC22-B3825

Value: 3800-3849.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 3849.99 Floor_strike: 3800

INXD-22DEC22-B3875

Value: 3850-3899.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 3899.99 Floor strike: 3850

INXD-22DEC22-B3925

Value: 3900-3949.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 3949.99 Floor_strike: 3900

INXD-22DEC22-B3975

Value: 3950-3999.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 3999.99 Floor_strike: 3950

INXD-22DEC22-B4025

Value: 4000-4049.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 4049.99 Floor strike: 4000

INXD-22DEC22-T3650

Value: 3650 Date: December 22, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA

INXD-22DEC22-T4049.99

Value: 4049.99 Date: December 22, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA

INXD-22DEC26-B3625

Value: 3600-3649.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 3649.99 Floor strike: 3600

INXD-22DEC26-B3675

Value: 3650-3699.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 3699.99 Floor strike: 3650

INXD-22DEC26-B3725

Value: 3700-3749.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 3749.99 Floor strike: 3700

INXD-22DEC26-B3775

Value: 3750-3799.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 3799.99 Floor_strike: 3750

INXD-22DEC26-B3825

Value: 3800-3849.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 3849.99 Floor_strike: 3800

INXD-22DEC26-B3875

Value: 3850-3899.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 3899.99 Floor_strike: 3850

INXD-22DEC26-B3925

Value: 3900-3949.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 3949.99 Floor_strike: 3900

INXD-22DEC26-B3975

Value: 3950-3999.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 3999.99 Floor_strike: 3950

INXD-22DEC26-T3600

Value: 3600 Date: December 26, 2022 Above/Below/Between: below Cap_strike: NA Floor strike: NA

INXD-22DEC26-T3999.99

Value: 3999.99 Date: December 26, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA

INXW-22DEC30-B3525

Value: 3500-3549.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3549.99 Floor_strike: 3500

INXW-22DEC30-B3575

Value: 3550-3599.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3599.99 Floor strike: 3550

INXW-22DEC30-B3625

Value: 3600-3649.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3649.99 Floor_strike: 3600

INXW-22DEC30-B3675

Value: 3650-3699.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3699.99 Floor_strike: 3650

INXW-22DEC30-B3725

Value: 3700-3749.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3749.99 Floor strike: 3700

INXW-22DEC30-B3775

Value: 3750-3799.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3799.99 Floor_strike: 3750

INXW-22DEC30-B3825

Value: 3800-3849.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3849.99 Floor_strike: 3800

INXW-22DEC30-B3875

Value: 3850-3899.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3899.99 Floor strike: 3850

INXW-22DEC30-B3925

Value: 3900-3949.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3949.99 Floor strike: 3900

INXW-22DEC30-B3975

Value: 3950-3999.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 3999.99 Floor strike: 3950

INXW-22DEC30-B4025

Value: 4000-4049.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 4049.99 Floor_strike: 4000

INXW-22DEC30-B4075

Value: 4050-4099.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 4099.99 Floor strike: 4050

INXW-22DEC30-B4125

Value: 4100-4149.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 4149.99 Floor strike: 4100

INXW-22DEC30-T3500

Value: 3500 Date: December 30, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA

INXW-22DEC30-T4149.99

Value: 4149.99 Date: December 30, 2022 Above/Below/Between: above Cap_strike: NA Floor strike: NA

• Changes made to ticker NASDAQ100 (Category: Commodity Price, Product Name: Will the Nasdaq-100 close ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

NASDAQ100D-22DEC20-B10650

Value: 10600 and 10699.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 10699.99 Floor strike: 10600

NASDAQ100D-22DEC20-B10750

Value: 10700 and 10799.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 10799.99 Floor_strike: 10700

NASDAQ100D-22DEC20-B10850

Value: 10800 and 10899.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 10899.99 Floor_strike: 10800

NASDAQ100D-22DEC20-B10950

Value: 10900 and 10999.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 10999.99 Floor_strike: 10900

NASDAQ100D-22DEC20-B11050

Value: 11000 and 11099.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 11099.99 Floor_strike: 11000

NASDAQ100D-22DEC20-B11150

Value: 11100 and 11199.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 11199.99 Floor strike: 11100

NASDAQ100D-22DEC20-B11250

Value: 11200 and 11299.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 11299.99 Floor_strike: 11200

NASDAQ100D-22DEC20-B11350

Value: 11300 and 11399.99 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 11399.99 Floor strike: 11300

NASDAQ100D-22DEC20-T10600

Value: 10600 Date: December 20, 2022 Above/Below/Between: below Cap_strike: NA Floor strike: NA

NASDAQ100D-22DEC20-T11399.99

Value: 11399.99 Date: December 20, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA

NASDAQ100D-22DEC21-B10650

Value: 10600 and 10699.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 10699.99 Floor_strike: 10600

NASDAQ100D-22DEC21-B10750

Value: 10700 and 10799.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 10799.99 Floor strike: 10700

NASDAQ100D-22DEC21-B10850

Value: 10800 and 10899.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 10899.99 Floor_strike: 10800

NASDAQ100D-22DEC21-B10950

Value: 10900 and 10999.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 10999.99 Floor_strike: 10900

NASDAQ100D-22DEC21-B11050

Value: 11000 and 11099.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 11099.99 Floor_strike: 11000

NASDAQ100D-22DEC21-B11150

Value: 11100 and 11199.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 11199.99 Floor_strike: 11100

NASDAQ100D-22DEC21-B11250

Value: 11200 and 11299.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 11299.99 Floor_strike: 11200

NASDAQ100D-22DEC21-B11350

Value: 11300 and 11399.99 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 11399.99 Floor strike: 11300

NASDAQ100D-22DEC21-T10600

Value: 10600 Date: December 21, 2022 Above/Below/Between: below Cap_strike: NA Floor strike: NA

NASDAQ100D-22DEC21-T11399.99

Value: 11399.99 Date: December 21, 2022 Above/Below/Between: above Cap_strike: NA Floor strike: NA

NASDAQ100D-22DEC22-B10850

Value: 10800 and 10899.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 10899.99 Floor_strike: 10800

NASDAQ100D-22DEC22-B10950

Value: 10900 and 10999.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 10999.99 Floor strike: 10900

NASDAQ100D-22DEC22-B11050

Value: 11000 and 11099.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 11099.99 Floor strike: 11000

NASDAQ100D-22DEC22-B11150

Value: 11100 and 11199.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 11199.99 Floor_strike: 11100

NASDAQ100D-22DEC22-B11250

Value: 11200 and 11299.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 11299.99 Floor strike: 11200

NASDAQ100D-22DEC22-B11350

Value: 11300 and 11399.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 11399.99 Floor strike: 11300

NASDAQ100D-22DEC22-B11450

Value: 11400 and 11499.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 11499.99 Floor_strike: 11400

NASDAQ100D-22DEC22-B11550

Value: 11500 and 11599.99 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 11599.99 Floor_strike: 11500

NASDAQ100D-22DEC22-T10800

Value: 10800 Date: December 22, 2022 Above/Below/Between: below Cap_strike: NA Floor strike: NA

NASDAQ100D-22DEC22-T11599.99

Value: 11599.99 Date: December 22, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA

NASDAQ100D-22DEC26-B10550

Value: 10500 and 10599.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 10599.99 Floor_strike: 10500

NASDAQ100D-22DEC26-B10650

Value: 10600 and 10699.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 10699.99 Floor_strike: 10600

NASDAQ100D-22DEC26-B10750

Value: 10700 and 10799.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 10799.99 Floor_strike: 10700

NASDAQ100D-22DEC26-B10850

Value: 10800 and 10899.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 10899.99 Floor_strike: 10800

NASDAQ100D-22DEC26-B10950

Value: 10900 and 10999.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 10999.99 Floor strike: 10900

NASDAQ100D-22DEC26-B11050

Value: 11000 and 11099.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 11099.99 Floor strike: 11000

NASDAQ100D-22DEC26-B11150

Value: 11100 and 11199.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 11199.99 Floor_strike: 11100

NASDAQ100D-22DEC26-B11250

Value: 11200 and 11299.99 Date: December 26, 2022 Above/Below/Between: between Cap_strike: 11299.99 Floor_strike: 11200

NASDAQ100D-22DEC26-T10500

Value: 10500 Date: December 26, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA

NASDAQ100D-22DEC26-T11299.99

Value: 11299.99 Date: December 26, 2022 Above/Below/Between: above Cap_strike: NA Floor strike: NA

NASDAQ100W-22DEC30-B10350

Value: 10300 and 10399.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 10399.99 Floor_strike: 10300

NASDAQ100W-22DEC30-B10450

Value: 10400 and 10499.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 10499.99 Floor_strike: 10400

NASDAQ100W-22DEC30-B10550

Value: 10500 and 10599.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 10599.99 Floor strike: 10500

NASDAQ100W-22DEC30-B10650

Value: 10600 and 10699.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 10699.99 Floor_strike: 10600

NASDAQ100W-22DEC30-B10750

Value: 10700 and 10799.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 10799.99 Floor_strike: 10700

NASDAQ100W-22DEC30-B10850

Value: 10800 and 10899.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 10899.99 Floor strike: 10800

NASDAQ100W-22DEC30-B10950

Value: 10900 and 10999.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 10999.99 Floor_strike: 10900

NASDAQ100W-22DEC30-B11050

Value: 11000 and 11099.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 11099.99 Floor_strike: 11000

NASDAQ100W-22DEC30-B11150

Value: 11100 and 11199.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 11199.99 Floor_strike: 11100

NASDAQ100W-22DEC30-B11250

Value: 11200 and 11299.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 11299.99 Floor_strike: 11200

NASDAQ100W-22DEC30-B11350

Value: 11300 and 11399.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 11399.99 Floor_strike: 11300

NASDAQ100W-22DEC30-B11450

Value: 11400 and 11499.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 11499.99 Floor strike: 11400

NASDAQ100W-22DEC30-B11550

Value: 11500 and 11599.99 Date: December 30, 2022 Above/Below/Between: between Cap_strike: 11599.99 Floor strike: 11500

NASDAQ100W-22DEC30-T10300

Value: 10300 Date: December 30, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA

NASDAQ100W-22DEC30-T11599.99

Value: 11599.99 Date: December 30, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA

• Changes made to ticker NHIGH (Category: Weather/Climate, Product Name: What will the high temperature be in Central Park?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

HIGHNY-22DEC19-B34.5

Date: December 19, 2022 Degrees: 34-35 Greater than/Less than/Between: between Cap_strike: 35 Floor_strike: 34

HIGHNY-22DEC19-B36.5

Date: December 19, 2022 Degrees: 36-37 Greater than/Less than/Between: between Cap_strike: 37 Floor_strike: 36

HIGHNY-22DEC19-B38.5

Date: December 19, 2022 Degrees: 38-39 Greater than/Less than/Between: between Cap_strike: 39 Floor_strike: 38

HIGHNY-22DEC19-B40.5

Date: December 19, 2022 Degrees: 40-41 Greater than/Less than/Between: between Cap_strike: 41 Floor_strike: 40

HIGHNY-22DEC19-T34

Date: December 19, 2022 Degrees: 34 Greater than/Less than/Between: less than Cap_strike: NA Floor_strike: NA

HIGHNY-22DEC19-T41

Date: December 19, 2022 Degrees: 41 Greater than/Less than/Between: greater than Cap_strike: NA Floor strike: NA

HIGHNY-22DEC20-B36.5

Date: December 20, 2022 Degrees: 36-37 Greater than/Less than/Between: between Cap_strike: 37 Floor strike: 36

HIGHNY-22DEC20-B38.5

Date: December 20, 2022 Degrees: 38-39 Greater than/Less than/Between: between Cap_strike: 39 Floor_strike: 38

HIGHNY-22DEC20-B40.5

Date: December 20, 2022 Degrees: 40-41 Greater than/Less than/Between: between Cap_strike: 41 Floor_strike: 40

HIGHNY-22DEC20-B42.5

Date: December 20, 2022 Degrees: 42-43 Greater than/Less than/Between: between Cap_strike: 43 Floor strike: 42

HIGHNY-22DEC20-T36

Date: December 20, 2022 Degrees: 36 Greater than/Less than/Between: less than Cap_strike: NA Floor_strike: NA

HIGHNY-22DEC20-T43

Date: December 20, 2022 Degrees: 43 Greater than/Less than/Between: greater than Cap_strike: NA Floor strike: NA

HIGHNY-22DEC21-B36.5

Date: December 21, 2022 Degrees: 36-37 Greater than/Less than/Between: between Cap_strike: 37 Floor strike: 36

HIGHNY-22DEC21-B38.5

Date: December 21, 2022 Degrees: 38-39 Greater than/Less than/Between: between Cap_strike: 39 Floor_strike: 38

HIGHNY-22DEC21-B40.5

Date: December 21, 2022 Degrees: 40-41 Greater than/Less than/Between: between Cap_strike: 41 Floor_strike: 40

HIGHNY-22DEC21-B42.5

Date: December 21, 2022 Degrees: 42-43 Greater than/Less than/Between: between Cap_strike: 43 Floor strike: 42

HIGHNY-22DEC21-T36

Date: December 21, 2022 Degrees: 36 Greater than/Less than/Between: less than Cap_strike: NA Floor_strike: NA

HIGHNY-22DEC21-T43

Date: December 21, 2022 Degrees: 43 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

HIGHNY-22DEC22-B51.5

Date: December 22, 2022 Degrees: 51-52 Greater than/Less than/Between: between Cap_strike: 52 Floor_strike: 51

HIGHNY-22DEC22-B53.5

Date: December 22, 2022 Degrees: 53-54 Greater than/Less than/Between: between Cap_strike: 54 Floor_strike: 53

HIGHNY-22DEC22-B55.5

Date: December 22, 2022 Degrees: 55-56 Greater than/Less than/Between: between Cap_strike: 56 Floor_strike: 55

HIGHNY-22DEC22-B57.5

Date: December 22, 2022 Degrees: 57-58 Greater than/Less than/Between: between Cap_strike: 58 Floor strike: 57

HIGHNY-22DEC22-T51

Date: December 22, 2022 Degrees: 51 Greater than/Less than/Between: less than Cap_strike: NA Floor strike: NA

HIGHNY-22DEC22-T58

Date: December 22, 2022 Degrees: 58 Greater than/Less than/Between: greater than Cap_strike: NA Floor strike: NA

HIGHNY-22DEC23-B53.5

Date: December 23, 2022 Degrees: 53-54 Greater than/Less than/Between: between Cap_strike: 54 Floor_strike: 53

HIGHNY-22DEC23-B55.5

Date: December 23, 2022 Degrees: 55-56 Greater than/Less than/Between: between Cap_strike: 56 Floor_strike: 55

HIGHNY-22DEC23-B57.5

Date: December 23, 2022 Degrees: 57-58 Greater than/Less than/Between: between Cap_strike: 58 Floor strike: 57

HIGHNY-22DEC23-B59.5

Date: December 23, 2022 Degrees: 59-60 Greater than/Less than/Between: between Cap_strike: 60 Floor_strike: 59

HIGHNY-22DEC23-T53

Date: December 23, 2022 Degrees: 53 Greater than/Less than/Between: less than Cap_strike: NA Floor strike: NA

HIGHNY-22DEC23-T60

Date: December 23, 2022 Degrees: 60 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

HIGHNY-22DEC24-B20.5

Date: December 24, 2022 Degrees: 20-21 Greater than/Less than/Between: between Cap_strike: 21 Floor_strike: 20

HIGHNY-22DEC24-B22.5

Date: December 24, 2022 Degrees: 22-23 Greater than/Less than/Between: between Cap_strike: 23 Floor_strike: 22

HIGHNY-22DEC24-B24.5

Date: December 24, 2022 Degrees: 24-25 Greater than/Less than/Between: between Cap_strike: 25 Floor strike: 24

HIGHNY-22DEC24-B26.5

Date: December 24, 2022 Degrees: 26-27 Greater than/Less than/Between: between Cap_strike: 27 Floor_strike: 26

HIGHNY-22DEC24-T20

Date: December 24, 2022 Degrees: 20 Greater than/Less than/Between: less than Cap_strike: NA Floor_strike: NA

HIGHNY-22DEC24-T27

Date: December 24, 2022 Degrees: 27 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

HIGHNY-22DEC25-B23.5

Date: December 25, 2022 Degrees: 23-24 Greater than/Less than/Between: between Cap_strike: 24 Floor_strike: 23

HIGHNY-22DEC25-B25.5

Date: December 25, 2022 Degrees: 25-26 Greater than/Less than/Between: between Cap_strike: 26 Floor_strike: 25

HIGHNY-22DEC25-B27.5

Date: December 25, 2022 Degrees: 27-28 Greater than/Less than/Between: between Cap_strike: 28 Floor strike: 27

HIGHNY-22DEC25-B29.5

Date: December 25, 2022 Degrees: 29-30 Greater than/Less than/Between: between Cap_strike: 30 Floor strike: 29

HIGHNY-22DEC25-T23

Date: December 25, 2022 Degrees: 23 Greater than/Less than/Between: less than Cap_strike: NA Floor_strike: NA

HIGHNY-22DEC25-T30

Date: December 25, 2022 Degrees: 30 Greater than/Less than/Between: greater than Cap_strike: NA Floor_strike: NA

• Changes made to ticker TSAW (Category: Transportation, Product Name: How many people will be screened by the TSA on average this week?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

TSAW-22DEC25-A2.25 Date: December 25, 2022 Count: 2.25 million

• Changes made to ticker U3 (Category: Economic/Demographic Measure - US Govt, Product Name: What will the unemployment rate be?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

U3-22DEC-T3.5 Percent: 3.5 Month: December 2022

U3-22DEC-T3.7 Percent: 3.7 Month: December 2022

U3-22DEC-T3.9 Percent: 3.9 Month: December 2022

U3-23APR-T3.5 Percent: 3.5 Month: April 2023

U3-23APR-T3.6

Percent: 3.6 Month: April 2023

U3-23APR-T3.7 Percent: 3.7 Month: April 2023

U3-23APR-T3.8 Percent: 3.8

Month: April 2023

U3-23APR-T3.9 Percent: 3.9 Month: April 2023

U3-23APR-T4.0 Percent: 4.0 Month: April 2023

U3-23APR-T4.1 Percent: 4.1 Month: April 2023

U3-23APR-T4.2 Percent: 4.2 Month: April 2023

U3-23APR-T4.3 Percent: 4.3 Month: April 2023

U3-23APR-T4.4 Percent: 4.4 Month: April 2023

U3-23APR-T4.5 Percent: 4.5 Month: April 2023

U3-23APR-T4.6 Percent: 4.6 Month: April 2023

U3-23APR-T4.7 Percent: 4.7 Month: April 2023

U3-23APR-T4.8 Percent: 4.8 Month: April 2023

U3-23APR-T4.9 Percent: 4.9 Month: April 2023

U3-23AUG-T3.5 Percent: 3.5 Month: August 2023

U3-23AUG-T3.6 Percent: 3.6 Month: August 2023

U3-23AUG-T3.7 Percent: 3.7 Month: August 2023

U3-23AUG-T3.8 Percent: 3.8 Month: August 2023 U3-23AUG-T3.9 Percent: 3.9 Month: August 2023

U3-23AUG-T4.0 Percent: 4.0 Month: August 2023

U3-23AUG-T4.1 Percent: 4.1 Month: August 2023

U3-23AUG-T4.2 Percent: 4.2 Month: August 2023

U3-23AUG-T4.3 Percent: 4.3 Month: August 2023

U3-23AUG-T4.4 Percent: 4.4 Month: August 2023

U3-23AUG-T4.5 Percent: 4.5 Month: August 2023

U3-23AUG-T4.6 Percent: 4.6 Month: August 2023

U3-23AUG-T4.7 Percent: 4.7 Month: August 2023

U3-23AUG-T4.8 Percent: 4.8 Month: August 2023

U3-23AUG-T4.9 Percent: 4.9 Month: August 2023

U3-23FEB-T3.5 Percent: 3.5 Month: February 2023

U3-23FEB-T3.6 Percent: 3.6 Month: February 2023

U3-23FEB-T3.7 Percent: 3.7 Month: February 2023

U3-23FEB-T3.8 Percent: 3.8 Month: February 2023 U3-23FEB-T3.9 Percent: 3.9 Month: February 2023

U3-23FEB-T4.0 Percent: 4.0 Month: February 2023

U3-23FEB-T4.1 Percent: 4.1 Month: February 2023

U3-23FEB-T4.2 Percent: 4.2 Month: February 2023

U3-23FEB-T4.3 Percent: 4.3 Month: February 2023

U3-23FEB-T4.4 Percent: 4.4 Month: February 2023

U3-23FEB-T4.5 Percent: 4.5 Month: February 2023

U3-23FEB-T4.6 Percent: 4.6 Month: February 2023

U3-23FEB-T4.7 Percent: 4.7 Month: February 2023

U3-23FEB-T4.8 Percent: 4.8 Month: February 2023

U3-23FEB-T4.9 Percent: 4.9 Month: February 2023

U3-23JAN-T3.5 Percent: 3.5 Month: January 2023

U3-23JAN-T3.6 Percent: 3.6 Month: January 2023

U3-23JAN-T3.7 Percent: 3.7 Month: January 2023

U3-23JAN-T3.8 Percent: 3.8 Month: January 2023 U3-23JAN-T3.9 Percent: 3.9 Month: January 2023

U3-23JAN-T4.0 Percent: 4.0 Month: January 2023

U3-23JAN-T4.1 Percent: 4.1 Month: January 2023

U3-23JAN-T4.2 Percent: 4.2 Month: January 2023

U3-23JAN-T4.3 Percent: 4.3 Month: January 2023

U3-23JAN-T4.4 Percent: 4.4 Month: January 2023

U3-23JAN-T4.5 Percent: 4.5 Month: January 2023

U3-23JAN-T4.6 Percent: 4.6 Month: January 2023

U3-23JAN-T4.7 Percent: 4.7 Month: January 2023

U3-23JAN-T4.8 Percent: 4.8 Month: January 2023

U3-23JAN-T4.9 Percent: 4.9 Month: January 2023

U3-23JUL-T3.5 Percent: 3.5 Month: July 2023

U3-23JUL-T3.6 Percent: 3.6 Month: July 2023

U3-23JUL-T3.7 Percent: 3.7 Month: July 2023

U3-23JUL-T3.8 Percent: 3.8 Month: July 2023 **U3-23JUL-T3.9** Percent: 3.9 Month: July 2023

U3-23JUL-T4.0 Percent: 4.0 Month: July 2023

U3-23JUL-T4.1 Percent: 4.1 Month: July 2023

U3-23JUL-T4.2 Percent: 4.2 Month: July 2023

U3-23JUL-T4.3 Percent: 4.3 Month: July 2023

U3-23JUL-T4.4 Percent: 4.4 Month: July 2023

U3-23JUL-T4.5 Percent: 4.5 Month: July 2023

U3-23JUL-T4.6 Percent: 4.6 Month: July 2023

U3-23JUL-T4.7 Percent: 4.7 Month: July 2023

U3-23JUL-T4.8 Percent: 4.8 Month: July 2023

U3-23JUL-T4.9 Percent: 4.9 Month: July 2023

U3-23JUN-T3.5 Percent: 3.5 Month: June 2023

U3-23JUN-T3.6 Percent: 3.6 Month: June 2023

U3-23JUN-T3.7 Percent: 3.7 Month: June 2023

U3-23JUN-T3.8 Percent: 3.8 Month: June 2023 **U3-23JUN-T3.9** Percent: 3.9 Month: June 2023

U3-23JUN-T4.0 Percent: 4.0 Month: June 2023

U3-23JUN-T4.1 Percent: 4.1 Month: June 2023

U3-23JUN-T4.2 Percent: 4.2 Month: June 2023

U3-23JUN-T4.3 Percent: 4.3 Month: June 2023

U3-23JUN-T4.4 Percent: 4.4 Month: June 2023

U3-23JUN-T4.5 Percent: 4.5 Month: June 2023

U3-23JUN-T4.6 Percent: 4.6 Month: June 2023

U3-23JUN-T4.7 Percent: 4.7 Month: June 2023

U3-23JUN-T4.8 Percent: 4.8 Month: June 2023

U3-23JUN-T4.9 Percent: 4.9 Month: June 2023

U3-23MAR-T3.5 Percent: 3.5 Month: March 2023

U3-23MAR-T3.6 Percent: 3.6 Month: March 2023

U3-23MAR-T3.7 Percent: 3.7 Month: March 2023

U3-23MAR-T3.8 Percent: 3.8 Month: March 2023 **U3-23MAR-T3.9** Percent: 3.9 Month: March 2023

U3-23MAR-T4.0 Percent: 4.0 Month: March 2023

U3-23MAR-T4.1 Percent: 4.1 Month: March 2023

U3-23MAR-T4.2 Percent: 4.2 Month: March 2023

U3-23MAR-T4.3 Percent: 4.3 Month: March 2023

U3-23MAR-T4.4 Percent: 4.4 Month: March 2023

U3-23MAR-T4.5 Percent: 4.5 Month: March 2023

U3-23MAR-T4.6 Percent: 4.6 Month: March 2023

U3-23MAR-T4.7 Percent: 4.7 Month: March 2023

U3-23MAR-T4.8 Percent: 4.8 Month: March 2023

U3-23MAR-T4.9 Percent: 4.9 Month: March 2023

U3-23MAY-T3.5 Percent: 3.5 Month: May 2023

U3-23MAY-T3.6 Percent: 3.6 Month: May 2023

U3-23MAY-T3.7 Percent: 3.7 Month: May 2023

U3-23MAY-T3.8 Percent: 3.8 Month: May 2023 **U3-23MAY-T3.9** Percent: 3.9 Month: May 2023

U3-23MAY-T4.0 Percent: 4.0 Month: May 2023

U3-23MAY-T4.1 Percent: 4.1 Month: May 2023

U3-23MAY-T4.2 Percent: 4.2 Month: May 2023

U3-23MAY-T4.3 Percent: 4.3 Month: May 2023

U3-23MAY-T4.4 Percent: 4.4 Month: May 2023

U3-23MAY-T4.5 Percent: 4.5 Month: May 2023

U3-23MAY-T4.6 Percent: 4.6 Month: May 2023

U3-23MAY-T4.7 Percent: 4.7 Month: May 2023

U3-23MAY-T4.8 Percent: 4.8 Month: May 2023

U3-23MAY-T4.9 Percent: 4.9 Month: May 2023

U3-23NOV-T3.5 Percent: 3.5 Month: November 2023

U3-23NOV-T3.6 Percent: 3.6 Month: November 2023

U3-23NOV-T3.7 Percent: 3.7 Month: November 2023

U3-23NOV-T3.8 Percent: 3.8 Month: November 2023 U3-23NOV-T3.9 Percent: 3.9 Month: November 2023

U3-23NOV-T4.0 Percent: 4.0 Month: November 2023

U3-23NOV-T4.1 Percent: 4.1 Month: November 2023

U3-23NOV-T4.2 Percent: 4.2 Month: November 2023

U3-23NOV-T4.3 Percent: 4.3 Month: November 2023

U3-23NOV-T4.4 Percent: 4.4 Month: November 2023

U3-23NOV-T4.5 Percent: 4.5 Month: November 2023

U3-23NOV-T4.6 Percent: 4.6 Month: November 2023

U3-23NOV-T4.7 Percent: 4.7 Month: November 2023

U3-23NOV-T4.8 Percent: 4.8 Month: November 2023

U3-23NOV-T4.9 Percent: 4.9 Month: November 2023

U3-230CT-T3.5 Percent: 3.5 Month: October 2023

U3-23OCT-T3.6 Percent: 3.6 Month: October 2023

U3-230CT-T3.7 Percent: 3.7 Month: October 2023

U3-230CT-T3.8 Percent: 3.8 Month: October 2023 **U3-23OCT-T3.9** Percent: 3.9 Month: October 2023

U3-230CT-T4.0 Percent: 4.0 Month: October 2023

U3-230CT-T4.1 Percent: 4.1 Month: October 2023

U3-230CT-T4.2 Percent: 4.2 Month: October 2023

U3-230CT-T4.3 Percent: 4.3 Month: October 2023

U3-230CT-T4.4 Percent: 4.4 Month: October 2023

U3-23OCT-T4.5 Percent: 4.5 Month: October 2023

U3-230CT-T4.6 Percent: 4.6 Month: October 2023

U3-230CT-T4.7 Percent: 4.7 Month: October 2023

U3-23OCT-T4.8 Percent: 4.8 Month: October 2023

U3-230CT-T4.9 Percent: 4.9 Month: October 2023

U3-23SEP-T3.5 Percent: 3.5 Month: September 2023

U3-23SEP-T3.6 Percent: 3.6 Month: September 2023

U3-23SEP-T3.7 Percent: 3.7 Month: September 2023

U3-23SEP-T3.8 Percent: 3.8 Month: September 2023 U3-23SEP-T3.9 Percent: 3.9 Month: September 2023

U3-23SEP-T4.0 Percent: 4.0 Month: September 2023

U3-23SEP-T4.1 Percent: 4.1 Month: September 2023

U3-23SEP-T4.2 Percent: 4.2 Month: September 2023

U3-23SEP-T4.3 Percent: 4.3 Month: September 2023

U3-23SEP-T4.4 Percent: 4.4 Month: September 2023

U3-23SEP-T4.5 Percent: 4.5 Month: September 2023

U3-23SEP-T4.6 Percent: 4.6 Month: September 2023

U3-23SEP-T4.7 Percent: 4.7 Month: September 2023

U3-23SEP-T4.8 Percent: 4.8 Month: September 2023

U3-23SEP-T4.9 Percent: 4.9 Month: September 2023

• Changes made to ticker USDJPY (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will USD/JPY be {above/below/between} {count}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

USDJPY-22DEC1910-135.500

Count: 135.500 Date: December 19, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC1910-135.625 Count: 135.500-135.749 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 135.749 Floor_strike: 135.500 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC1910-135.875

Count: 135.750-135.999 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 135.999 Floor_strike: 135.750 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC1910-136.125

Count: 136.000-136.249 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 136.249 Floor_strike: 136.000 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC1910-136.375

Count: 136.250-136.499 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 136.499 Floor_strike: 136.250 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC1910-136.625

Count: 136.500-136.749 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 136.749 Floor_strike: 136.500 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC1910-136.749

Count: 136.749 Date: December 19, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC1918-136.000

Count: 136.000 Date: December 19, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC1918-136.125

Count: 136.000-136.249 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 136.249 Floor_strike: 136.000 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC1918-136.375

Count: 136.250-136.499 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 136.499 Floor_strike: 136.250 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC1918-136.625

Count: 136.500-136.749 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 136.749 Floor_strike: 136.500 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC1918-136.875

Count: 136.750-136.999 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 136.999 Floor_strike: 136.750 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC1918-137.125

Count: 137.000-137.249 Date: December 19, 2022 Above/Below/Between: between Cap_strike: 137.249 Floor_strike: 137.000 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC1918-137.249

Count: 137.249 Date: December 19, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2010-136.250

Count: 136.250 Date: December 20, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2010-136.375

Count: 136.250-136.499 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 136.499 Floor_strike: 136.250 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2010-136.625

Count: 136.500-136.749 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 136.749 Floor_strike: 136.500 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2010-136.875

Count: 136.750-136.999 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 136.999 Floor_strike: 136.750 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2010-137.125

Count: 137.000-137.249 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 137.249 Floor_strike: 137.000 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2010-137.375

Count: 137.250-137.499 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 137.499 Floor_strike: 137.250 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2010-137.499

Count: 137.499 Date: December 20, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2018-131.750

Count: 131.750 Date: December 20, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2018-131.875

Count: 131.750-131.999 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 131.999 Floor_strike: 131.750 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2018-132.125

Count: 132.000-132.249 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 132.249 Floor_strike: 132.000 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2018-132.375

Count: 132.250-132.499 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 132.499 Floor_strike: 132.250 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2018-132.625

Count: 132.500-132.749 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 132.749 Floor_strike: 132.500 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2018-132.875

Count: 132.750-132.999 Date: December 20, 2022 Above/Below/Between: between Cap_strike: 132.999 Floor_strike: 132.750 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2018-132.999

Count: 132.999 Date: December 20, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2110-131.000

Count: 131.000 Date: December 21, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2110-131.125

Count: 131.000-131.249 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 131.249 Floor_strike: 131.000 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2110-131.375

Count: 131.250-131.499 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 131.499 Floor_strike: 131.250 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2110-131.625

Count: 131.500-131.749 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 131.749 Floor_strike: 131.500 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2110-131.875

Count: 131.750-131.999 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 131.999 Floor_strike: 131.750 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2110-132.125

Count: 132.000-132.249 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 132.249 Floor_strike: 132.000 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2110-132.249

Count: 132.249 Date: December 21, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2118-131.750

Count: 131.750 Date: December 21, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2118-131.875

Count: 131.750-131.999 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 131.999 Floor_strike: 131.750 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2118-132.125

Count: 132.000-132.249 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 132.249 Floor_strike: 132.000 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2118-132.375

Count: 132.250-132.499 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 132.499 Floor_strike: 132.250 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2118-132.625

Count: 132.500-132.749 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 132.749 Floor_strike: 132.500 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2118-132.875

Count: 132.750-132.999 Date: December 21, 2022 Above/Below/Between: between Cap_strike: 132.999 Floor_strike: 132.750 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2118-132.999

Count: 132.999 Date: December 21, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2210-131.750

Count: 131.750 Date: December 22, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2210-131.875

Count: 131.750-131.999 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 131.999 Floor_strike: 131.750 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2210-132.125

Count: 132.000-132.249 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 132.249 Floor_strike: 132.000 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2210-132.375

Count: 132.250-132.499 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 132.499 Floor_strike: 132.250 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2210-132.625

Count: 132.500-132.749 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 132.749 Floor_strike: 132.500 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2210-132.875

Count: 132.750-132.999

Date: December 22, 2022 Above/Below/Between: between Cap_strike: 132.999 Floor_strike: 132.750 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2210-132.999

Count: 132.999 Date: December 22, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2218-131.750

Count: 131.750 Date: December 22, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2218-131.875

Count: 131.750-131.999 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 131.999 Floor_strike: 131.750 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2218-132.125

Count: 132.000-132.249 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 132.249 Floor_strike: 132.000 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2218-132.375

Count: 132.250-132.499 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 132.499 Floor_strike: 132.250 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2218-132.625

Count: 132.500-132.749 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 132.749 Floor_strike: 132.500 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2218-132.875

Count: 132.750-132.999 Date: December 22, 2022 Above/Below/Between: between Cap_strike: 132.999 Floor_strike: 132.750 Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2218-132.999

Count: 132.999 Date: December 22, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 6 PM EST Expiration Time: 7 PM EST

USDJPY-22DEC2310-131.750

Count: 131.750 Date: December 23, 2022 Above/Below/Between: below Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2310-131.875

Count: 131.750-131.999 Date: December 23, 2022 Above/Below/Between: between Cap_strike: 131.999 Floor_strike: 131.750 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2310-132.125

Count: 132.000-132.249 Date: December 23, 2022 Above/Below/Between: between Cap_strike: 132.249 Floor_strike: 132.000 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2310-132.375

Count: 132.250-132.499 Date: December 23, 2022 Above/Below/Between: between Cap_strike: 132.499 Floor_strike: 132.250 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2310-132.625

Count: 132.500-132.749 Date: December 23, 2022 Above/Below/Between: between Cap_strike: 132.749 Floor_strike: 132.500 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2310-132.875

Count: 132.750-132.999 Date: December 23, 2022 Above/Below/Between: between Cap_strike: 132.999 Floor_strike: 132.750 Time: 10 AM EST Expiration Time: 11 AM EST

USDJPY-22DEC2310-132.999

Count: 132.999 Date: December 23, 2022 Above/Below/Between: above Cap_strike: NA Floor_strike: NA Time: 10 AM EST Expiration Time: 11 AM EST

• Changes made to ticker WTIOIL (Category: Commodity Price, Product Name: Will the settle price of WTI crude oil futures be {{above/below/between}} {{price}} for {{date}}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

WTI-22DEC20-B71.5

Date: December 20, 2022 Above/Below/Between: between Price: \$71 and 71.99 Cap_strike: 71.99 Floor strike: 71

WTI-22DEC20-B72.5

Date: December 20, 2022 Above/Below/Between: between Price: \$72 and 72.99 Cap_strike: 72.99 Floor strike: 72

WTI-22DEC20-B73.5

Date: December 20, 2022 Above/Below/Between: between Price: \$73 and 73.99 Cap_strike: 73.99 Floor_strike: 73

WTI-22DEC20-B74.5

Date: December 20, 2022 Above/Below/Between: between Price: \$74 and 74.99 Cap_strike: 74.99 Floor_strike: 74

WTI-22DEC20-B75.5

Date: December 20, 2022 Above/Below/Between: between Price: \$75 and 75.99 Cap_strike: 75.99 Floor_strike: 75

WTI-22DEC20-B76.5

Date: December 20, 2022 Above/Below/Between: between Price: \$76 and 76.99 Cap_strike: 76.99 Floor_strike: 76

WTI-22DEC20-B77.5

Date: December 20, 2022 Above/Below/Between: between Price: \$77 and 77.99 Cap_strike: 77.99 Floor strike: 77

WTI-22DEC20-B78.5

Date: December 20, 2022 Above/Below/Between: between Price: \$78 and 78.99 Cap_strike: 78.99 Floor_strike: 78

WTI-22DEC20-T71

Date: December 20, 2022 Above/Below/Between: below Price: \$71 Cap_strike: NA Floor_strike: NA

WTI-22DEC20-T78.99

Date: December 20, 2022 Above/Below/Between: above Price: \$78.99 Cap_strike: NA Floor_strike: NA

WTI-22DEC21-B72.5

Date: December 21, 2022 Above/Below/Between: between Price: \$72 and 72.99 Cap_strike: 72.99 Floor_strike: 72

WTI-22DEC21-B73.5

Date: December 21, 2022 Above/Below/Between: between Price: \$73 and 73.99 Cap_strike: 73.99 Floor_strike: 73

WTI-22DEC21-B74.5

Date: December 21, 2022 Above/Below/Between: between Price: \$74 and 74.99 Cap_strike: 74.99 Floor_strike: 74

WTI-22DEC21-B75.5

Date: December 21, 2022 Above/Below/Between: between Price: \$75 and 75.99 Cap_strike: 75.99 Floor strike: 75

WTI-22DEC21-B76.5

Date: December 21, 2022 Above/Below/Between: between Price: \$76 and 76.99 Cap_strike: 76.99 Floor strike: 76

WTI-22DEC21-B77.5

Date: December 21, 2022 Above/Below/Between: between Price: \$77 and 77.99 Cap_strike: 77.99 Floor_strike: 77

WTI-22DEC21-B78.5

Date: December 21, 2022 Above/Below/Between: between Price: \$78 and 78.99 Cap_strike: 78.99 Floor_strike: 78

WTI-22DEC21-B79.5

Date: December 21, 2022 Above/Below/Between: between Price: \$79 and 79.99 Cap_strike: 79.99 Floor_strike: 79

WTI-22DEC21-T72

Date: December 21, 2022 Above/Below/Between: below Price: \$72 Cap_strike: NA Floor_strike: NA

WTI-22DEC21-T79.99

Date: December 21, 2022 Above/Below/Between: above Price: \$79.99 Cap_strike: NA Floor_strike: NA

WTI-22DEC22-B74.5

Date: December 22, 2022 Above/Below/Between: between Price: \$74 and 74.99 Cap_strike: 74.99 Floor strike: 74

WTI-22DEC22-B75.5

Date: December 22, 2022 Above/Below/Between: between Price: \$75 and 75.99 Cap_strike: 75.99 Floor_strike: 75

WTI-22DEC22-B76.5

Date: December 22, 2022 Above/Below/Between: between Price: \$76 and 76.99 Cap_strike: 76.99 Floor_strike: 76

WTI-22DEC22-B77.5

Date: December 22, 2022 Above/Below/Between: between Price: \$77 and 77.99 Cap_strike: 77.99 Floor strike: 77

WTI-22DEC22-B78.5

Date: December 22, 2022 Above/Below/Between: between Price: \$78 and 78.99 Cap_strike: 78.99 Floor_strike: 78

WTI-22DEC22-B79.5

Date: December 22, 2022 Above/Below/Between: between Price: \$79 and 79.99 Cap_strike: 79.99 Floor_strike: 79

WTI-22DEC22-B80.5

Date: December 22, 2022 Above/Below/Between: between Price: \$80 and 80.99 Cap_strike: 80.99 Floor strike: 80

WTI-22DEC22-B81.5

Date: December 22, 2022 Above/Below/Between: between Price: \$81 and 81.99 Cap_strike: 81.99 Floor_strike: 81

WTI-22DEC22-T74

Date: December 22, 2022 Above/Below/Between: below Price: \$74 Cap_strike: NA Floor_strike: NA

WTI-22DEC22-T81.99

Date: December 22, 2022 Above/Below/Between: above Price: \$81.99 Cap_strike: NA Floor_strike: NA

WTI-22DEC26-B75.5

Date: December 26, 2022 Above/Below/Between: between Price: \$75 and 75.99 Cap_strike: 75.99 Floor strike: 75

WTI-22DEC26-B76.5

Date: December 26, 2022 Above/Below/Between: between Price: \$76 and 76.99 Cap_strike: 76.99 Floor strike: 76

WTI-22DEC26-B77.5

Date: December 26, 2022 Above/Below/Between: between Price: \$77 and 77.99 Cap_strike: 77.99 Floor_strike: 77

WTI-22DEC26-B78.5

Date: December 26, 2022 Above/Below/Between: between Price: \$78 and 78.99 Cap_strike: 78.99 Floor_strike: 78

WTI-22DEC26-B79.5

Date: December 26, 2022 Above/Below/Between: between Price: \$79 and 79.99 Cap_strike: 79.99 Floor_strike: 79

WTI-22DEC26-B80.5

Date: December 26, 2022 Above/Below/Between: between Price: \$80 and 80.99 Cap_strike: 80.99 Floor_strike: 80

WTI-22DEC26-B81.5

Date: December 26, 2022 Above/Below/Between: between Price: \$81 and 81.99 Cap_strike: 81.99 Floor_strike: 81

WTI-22DEC26-B82.5

Date: December 26, 2022 Above/Below/Between: between Price: \$82 and 82.99 Cap_strike: 82.99 Floor strike: 82

WTI-22DEC26-T75

Date: December 26, 2022 Above/Below/Between: below Price: \$75 Cap_strike: NA Floor_strike: NA

WTI-22DEC26-T82.99

Date: December 26, 2022 Above/Below/Between: above Price: \$82.99 Cap_strike: NA Floor_strike: NA

WTIW-22DEC30-B73.5

Date: December 30, 2022 Above/Below/Between: between Price: \$73 and 73.99 Cap_strike: 73.99 Floor strike: 73

WTIW-22DEC30-B74.5

Date: December 30, 2022 Above/Below/Between: between Price: \$74 and 74.99 Cap_strike: 74.99 Floor_strike: 74

WTIW-22DEC30-B75.5

Date: December 30, 2022 Above/Below/Between: between Price: \$75 and 75.99 Cap_strike: 75.99 Floor_strike: 75

WTIW-22DEC30-B76.5

Date: December 30, 2022 Above/Below/Between: between Price: \$76 and 76.99 Cap_strike: 76.99 Floor strike: 76

WTIW-22DEC30-B77.5

Date: December 30, 2022 Above/Below/Between: between Price: \$77 and 77.99 Cap_strike: 77.99 Floor_strike: 77

WTIW-22DEC30-B78.5

Date: December 30, 2022 Above/Below/Between: between Price: \$78 and 78.99 Cap_strike: 78.99 Floor_strike: 78

WTIW-22DEC30-B79.5

Date: December 30, 2022 Above/Below/Between: between Price: \$79 and 79.99 Cap_strike: 79.99 Floor_strike: 79

WTIW-22DEC30-B80.5

Date: December 30, 2022 Above/Below/Between: between Price: \$80 and 80.99 Cap_strike: 80.99 Floor strike: 80

WTIW-22DEC30-B81.5

Date: December 30, 2022 Above/Below/Between: between Price: \$81 and 81.99 Cap_strike: 81.99 Floor strike: 81

WTIW-22DEC30-B82.5

Date: December 30, 2022 Above/Below/Between: between Price: \$82 and 82.99 Cap_strike: 82.99 Floor_strike: 82

WTIW-22DEC30-B83.5

Date: December 30, 2022 Above/Below/Between: between Price: \$83 and 83.99 Cap_strike: 83.99 Floor_strike: 83

WTIW-22DEC30-B84.5

Date: December 30, 2022 Above/Below/Between: between Price: \$84 and 84.99 Cap_strike: 84.99 Floor_strike: 84

WTIW-22DEC30-B85.5

Date: December 30, 2022 Above/Below/Between: between Price: \$85 and 85.99 Cap_strike: 85.99 Floor_strike: 85

WTIW-22DEC30-T73

Date: December 30, 2022 Above/Below/Between: below Price: \$73 Cap_strike: NA Floor_strike: NA

WTIW-22DEC30-T85.99

Date: December 30, 2022 Above/Below/Between: above Price: \$85.99 Cap_strike: NA Floor strike: NA

• Changes made to ticker YOYCPI (Category: Economic/Demographic Measure - US Govt, Product Name: Will year-over-year inflation for the year ending be ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

CPIYOY-23APR-T3.4

Above/Below/Between: above Percent: 3.4% Month: April 2023

CPIYOY-23APR-T3.5

Above/Below/Between: above Percent: 3.5% Month: April 2023

CPIYOY-23APR-T3.6

Above/Below/Between: above Percent: 3.6% Month: April 2023

CPIYOY-23APR-T3.7

Above/Below/Between: above Percent: 3.7% Month: April 2023

CPIYOY-23APR-T3.8

Above/Below/Between: above Percent: 3.8% Month: April 2023

CPIYOY-23APR-T3.9

Above/Below/Between: above Percent: 3.9% Month: April 2023

CPIYOY-23APR-T4.0

Above/Below/Between: above Percent: 4.0% Month: April 2023

CPIYOY-23APR-T4.1

Above/Below/Between: above Percent: 4.1% Month: April 2023

CPIYOY-23APR-T4.2

Above/Below/Between: above Percent: 4.2% Month: April 2023

CPIYOY-23APR-T4.3

Above/Below/Between: above Percent: 4.3% Month: April 2023

CPIYOY-23APR-T4.4

Above/Below/Between: above Percent: 4.4% Month: April 2023

CPIYOY-23APR-T4.5

Above/Below/Between: above Percent: 4.5% Month: April 2023 CPIYOY-23APR-T4.6

Above/Below/Between: above Percent: 4.6% Month: April 2023

CPIYOY-23APR-T4.7

Above/Below/Between: above Percent: 4.7% Month: April 2023

CPIYOY-23APR-T4.8

Above/Below/Between: above Percent: 4.8% Month: April 2023

CPIYOY-23AUG-T2.8 Above/Below/Between: above Percent: 2.8% Month: August 2023

CPIYOY-23AUG-T2.9 Above/Below/Between: above Percent: 2.9% Month: August 2023

CPIYOY-23AUG-T3.0 Above/Below/Between: above Percent: 3.0% Month: August 2023

CPIYOY-23AUG-T3.1

Above/Below/Between: above Percent: 3.1% Month: August 2023

CPIYOY-23AUG-T3.2

Above/Below/Between: above Percent: 3.2% Month: August 2023

CPIYOY-23AUG-T3.3 Above/Below/Between: above Percent: 3.3% Month: August 2023

CPIYOY-23AUG-T3.4 Above/Below/Between: above Percent: 3.4% Month: August 2023

CPIYOY-23AUG-T3.5

Above/Below/Between: above Percent: 3.5% Month: August 2023

CPIYOY-23AUG-T3.6

Above/Below/Between: above Percent: 3.6% Month: August 2023 CPIYOY-23AUG-T3.7

Above/Below/Between: above Percent: 3.7% Month: August 2023

CPIYOY-23AUG-T3.8

Above/Below/Between: above Percent: 3.8% Month: August 2023

CPIYOY-23AUG-T3.9

Above/Below/Between: above Percent: 3.9% Month: August 2023

CPIYOY-23AUG-T4.0 Above/Below/Between: above

Percent: 4.0% Month: August 2023

CPIYOY-23AUG-T4.1

Above/Below/Between: above Percent: 4.1% Month: August 2023

CPIYOY-23AUG-T4.2 Above/Below/Between: above Percent: 4.2% Month: August 2023

CPIYOY-23FEB-T4.4

Above/Below/Between: above Percent: 4.4% Month: February 2023

CPIYOY-23FEB-T4.5

Above/Below/Between: above Percent: 4.5% Month: February 2023

CPIYOY-23FEB-T4.6 Above/Below/Between: above Percent: 4.6% Month: February 2023

CPIYOY-23FEB-T4.7 Above/Below/Between: above Percent: 4.7% Month: February 2023

CPIYOY-23FEB-T4.8 Above/Below/Between: above Percent: 4.8%

Month: February 2023

CPIYOY-23FEB-T4.9

Above/Below/Between: above Percent: 4.9% Month: February 2023 CPIYOY-23FEB-T5.0

Above/Below/Between: above Percent: 5.0% Month: February 2023

CPIYOY-23FEB-T5.1

Above/Below/Between: above Percent: 5.1% Month: February 2023

CPIYOY-23FEB-T5.2

Above/Below/Between: above Percent: 5.2% Month: February 2023

CPIYOY-23FEB-T5.3

Above/Below/Between: above Percent: 5.3% Month: February 2023

CPIYOY-23FEB-T5.4

Above/Below/Between: above Percent: 5.4% Month: February 2023

CPIYOY-23FEB-T5.5 Above/Below/Between: above Percent: 5.5% Month: February 2023

CPIYOY-23FEB-T5.6

Above/Below/Between: above Percent: 5.6% Month: February 2023

CPIYOY-23FEB-T5.7

Above/Below/Between: above Percent: 5.7% Month: February 2023

CPIYOY-23FEB-T5.8

Above/Below/Between: above Percent: 5.8% Month: February 2023

CPIYOY-23JAN-T5.4 Above/Below/Between: above Percent: 5.4% Month: January 2023

CPIYOY-23JAN-T5.5

Above/Below/Between: above Percent: 5.5% Month: January 2023

CPIYOY-23JAN-T5.6

Above/Below/Between: above Percent: 5.6% Month: January 2023 CPIYOY-23JAN-T5.7

Above/Below/Between: above Percent: 5.7% Month: January 2023

CPIYOY-23JAN-T5.8

Above/Below/Between: above Percent: 5.8% Month: January 2023

CPIYOY-23JAN-T5.9

Above/Below/Between: above Percent: 5.9% Month: January 2023

CPIYOY-23JAN-T6.0 Above/Below/Between: above

Percent: 6.0% Month: January 2023

CPIYOY-23JAN-T6.1 Above/Below/Between: above Percent: 6.1%

Month: January 2023 CPIYOY-23JAN-T6.2

Above/Below/Between: above Percent: 6.2% Month: January 2023

CPIYOY-23JAN-T6.3

Above/Below/Between: above Percent: 6.3% Month: January 2023

CPIYOY-23JAN-T6.4

Above/Below/Between: above Percent: 6.4% Month: January 2023

CPIYOY-23JAN-T6.5 Above/Below/Between: above Percent: 6.5% Month: January 2023

CPIYOY-23JAN-T6.6 Above/Below/Between: above Percent: 6.6% Month: January 2023

CPIYOY-23JAN-T6.7

Above/Below/Between: above Percent: 6.7% Month: January 2023

CPIYOY-23JAN-T6.8

Above/Below/Between: above Percent: 6.8% Month: January 2023 CPIYOY-23JUL-T2.9

Above/Below/Between: above Percent: 2.9% Month: July 2023

CPIYOY-23JUL-T3.0

Above/Below/Between: above Percent: 3.0% Month: July 2023

CPIYOY-23JUL-T3.1

Above/Below/Between: above Percent: 3.1% Month: July 2023

CPIYOY-23JUL-T3.2

Above/Below/Between: above Percent: 3.2% Month: July 2023

CPIYOY-23JUL-T3.3

Above/Below/Between: above Percent: 3.3% Month: July 2023

CPIYOY-23JUL-T3.4 Above/Below/Between: above Percent: 3.4% Month: July 2023

CPIYOY-23JUL-T3.5

Above/Below/Between: above Percent: 3.5% Month: July 2023

CPIYOY-23JUL-T3.6

Above/Below/Between: above Percent: 3.6% Month: July 2023

CPIYOY-23JUL-T3.7

Above/Below/Between: above Percent: 3.7% Month: July 2023

CPIYOY-23JUL-T3.8 Above/Below/Between: above Percent: 3.8% Month: July 2023

CPIYOY-23JUL-T3.9 Above/Below/Between: above Percent: 3.9% Month: July 2023

CPIYOY-23JUL-T4.0

Above/Below/Between: above Percent: 4.0% Month: July 2023 CPIYOY-23JUL-T4.1

Above/Below/Between: above Percent: 4.1% Month: July 2023

CPIYOY-23JUL-T4.2

Above/Below/Between: above Percent: 4.2% Month: July 2023

CPIYOY-23JUL-T4.3

Above/Below/Between: above Percent: 4.3% Month: July 2023

CPIYOY-23JUN-T3.3 Above/Below/Between: above Percent: 3.3% Month: June 2023

CPIYOY-23JUN-T3.4 Above/Below/Between: above Percent: 3.4% Month: June 2023

CPIYOY-23JUN-T3.5 Above/Below/Between: above Percent: 3.5% Month: June 2023

CPIYOY-23JUN-T3.6 Above/Below/Between: above Percent: 3.6%

Month: June 2023

CPIYOY-23JUN-T3.7

Above/Below/Between: above Percent: 3.7% Month: June 2023

CPIYOY-23JUN-T3.8 Above/Below/Between: above Percent: 3.8% Month: June 2023

CPIYOY-23JUN-T3.9 Above/Below/Between: above Percent: 3.9% Month: June 2023

CPIYOY-23JUN-T4.0 Above/Below/Between: above Percent: 4.0% Month: June 2023

CPIYOY-23JUN-T4.1

Above/Below/Between: above Percent: 4.1% Month: June 2023 CPIYOY-23JUN-T4.2

Above/Below/Between: above Percent: 4.2% Month: June 2023

CPIYOY-23JUN-T4.3

Above/Below/Between: above Percent: 4.3% Month: June 2023

CPIYOY-23JUN-T4.4

Above/Below/Between: above Percent: 4.4% Month: June 2023

CPIYOY-23JUN-T4.5 Above/Below/Between: above Percent: 4.5% Month: June 2023

CPIYOY-23JUN-T4.6 Above/Below/Between: above Percent: 4.6% Month: June 2023

CPIYOY-23JUN-T4.7 Above/Below/Between: above Percent: 4.7% Month: June 2023

CPIYOY-23MAR-T3.4

Above/Below/Between: above Percent: 3.4% Month: March 2023

CPIYOY-23MAR-T3.5

Above/Below/Between: above Percent: 3.5% Month: March 2023

CPIYOY-23MAR-T3.6 Above/Below/Between: above Percent: 3.6% Month: March 2023

CPIYOY-23MAR-T3.7 Above/Below/Between: above Percent: 3.7% Month: March 2023

CPIYOY-23MAR-T3.8

Above/Below/Between: above Percent: 3.8% Month: March 2023

CPIYOY-23MAR-T3.9

Above/Below/Between: above Percent: 3.9% Month: March 2023

CPIYOY-23MAR-T4.0

Above/Below/Between: above Percent: 4.0% Month: March 2023

CPIYOY-23MAR-T4.1

Above/Below/Between: above Percent: 4.1% Month: March 2023

CPIYOY-23MAR-T4.2

Above/Below/Between: above Percent: 4.2% Month: March 2023

CPIYOY-23MAR-T4.3

Above/Below/Between: above Percent: 4.3% Month: March 2023

CPIYOY-23MAR-T4.4

Above/Below/Between: above Percent: 4.4% Month: March 2023

CPIYOY-23MAR-T4.5 Above/Below/Between: above Percent: 4.5% Month: March 2023

CPIYOY-23MAR-T4.6

Above/Below/Between: above Percent: 4.6% Month: March 2023

CPIYOY-23MAR-T4.7

Above/Below/Between: above Percent: 4.7% Month: March 2023

CPIYOY-23MAR-T4.8 Above/Below/Between: above

Percent: 4.8% Month: March 2023

CPIYOY-23MAY-T3.3 Above/Below/Between: above

Percent: 3.3% Month: May 2023

CPIYOY-23MAY-T3.4

Above/Below/Between: above Percent: 3.4% Month: May 2023

CPIYOY-23MAY-T3.5

Above/Below/Between: above Percent: 3.5% Month: May 2023 **CPIYOY-23MAY-T3.6**

Above/Below/Between: above Percent: 3.6% Month: May 2023

CPIYOY-23MAY-T3.7

Above/Below/Between: above Percent: 3.7% Month: May 2023

CPIYOY-23MAY-T3.8

Above/Below/Between: above Percent: 3.8% Month: May 2023

CPIYOY-23MAY-T3.9 Above/Below/Between: above

Percent: 3.9% Month: May 2023

CPIYOY-23MAY-T4.0

Above/Below/Between: above Percent: 4.0% Month: May 2023

CPIYOY-23MAY-T4.1 Above/Below/Between: above Percent: 4.1% Month: May 2023

CPIYOY-23MAY-T4.2

Above/Below/Between: above Percent: 4.2% Month: May 2023

CPIYOY-23MAY-T4.3

Above/Below/Between: above Percent: 4.3% Month: May 2023

CPIYOY-23MAY-T4.4 Above/Below/Between: above Percent: 4.4%

Month: May 2023

CPIYOY-23MAY-T4.5 Above/Below/Between: above Percent: 4.5% Month: May 2023

CPIYOY-23MAY-T4.6 Above/Below/Between: above Percent: 4.6% Month: May 2023

CPIYOY-23MAY-T4.7

Above/Below/Between: above Percent: 4.7% Month: May 2023 CPIYOY-23NOV-T2.6

Above/Below/Between: above Percent: 2.6% Month: November 2023

CPIYOY-23NOV-T2.7

Above/Below/Between: above Percent: 2.7% Month: November 2023

CPIYOY-23NOV-T2.8

Above/Below/Between: above Percent: 2.8% Month: November 2023

CPIYOY-23NOV-T2.9

Above/Below/Between: above Percent: 2.9% Month: November 2023

CPIYOY-23NOV-T3.0

Above/Below/Between: above Percent: 3.0% Month: November 2023

CPIYOY-23NOV-T3.1 Above/Below/Between: above Percent: 3.1% Month: November 2023

CPIYOY-23NOV-T3.2 Above/Below/Between: above Percent: 3.2%

Month: November 2023

CPIYOY-23NOV-T3.3

Above/Below/Between: above Percent: 3.3% Month: November 2023

CPIYOY-23NOV-T3.4 Above/Below/Between: above

Percent: 3.4% Month: November 2023

CPIYOY-23NOV-T3.5 Above/Below/Between: above Percent: 3.5% Month: November 2023

CPIYOY-23NOV-T3.6 Above/Below/Between: above Percent: 3.6%

Month: November 2023

CPIYOY-23NOV-T3.7

Above/Below/Between: above Percent: 3.7% Month: November 2023 **CPIYOY-23NOV-T3.8**

Above/Below/Between: above Percent: 3.8% Month: November 2023

CPIYOY-23NOV-T3.9

Above/Below/Between: above Percent: 3.9% Month: November 2023

CPIYOY-23NOV-T4.0

Above/Below/Between: above Percent: 4.0% Month: November 2023

CPIYOY-230CT-T2.6

Above/Below/Between: above Percent: 2.6% Month: October 2023

СРІУОУ-230СТ-Т2.7

Above/Below/Between: above Percent: 2.7% Month: October 2023

CPIYOY-23OCT-T2.8 Above/Below/Between: above Percent: 2.8% Month: October 2023

CPIYOY-230CT-T2.9

Above/Below/Between: above Percent: 2.9% Month: October 2023

СРІҮОҮ-230СТ-Т3.0

Above/Below/Between: above Percent: 3.0% Month: October 2023

CPIYOY-230CT-T3.1

Above/Below/Between: above Percent: 3.1% Month: October 2023

CPIYOY-23OCT-T3.2 Above/Below/Between: above Percent: 3.2% Month: October 2023

CPIYOY-23OCT-T3.3

Above/Below/Between: above Percent: 3.3% Month: October 2023

CPIYOY-230CT-T3.4

Above/Below/Between: above Percent: 3.4% Month: October 2023

CPIYOY-230CT-T3.5

Above/Below/Between: above Percent: 3.5% Month: October 2023

CPIYOY-230CT-T3.6

Above/Below/Between: above Percent: 3.6% Month: October 2023

CPIYOY-230CT-T3.7

Above/Below/Between: above Percent: 3.7% Month: October 2023

CPIYOY-230CT-T3.8

Above/Below/Between: above Percent: 3.8% Month: October 2023

СРІУОУ-230СТ-Т3.9

Above/Below/Between: above Percent: 3.9% Month: October 2023

CPIYOY-23OCT-T4.0 Above/Below/Between: above Percent: 4.0% Month: October 2023

CPIYOY-23SEP-T2.6

Above/Below/Between: above Percent: 2.6% Month: September 2023

CPIYOY-23SEP-T2.7

Above/Below/Between: above Percent: 2.7% Month: September 2023

CPIYOY-23SEP-T2.8 Above/Below/Between: above Percent: 2.8% Month: September 2023

CPIYOY-23SEP-T2.9 Above/Below/Between: above Percent: 2.9% Month: September 2023

CPIYOY-23SEP-T3.0

Above/Below/Between: above Percent: 3.0% Month: September 2023

CPIYOY-23SEP-T3.1

Above/Below/Between: above Percent: 3.1% Month: September 2023

CPIYOY-23SEP-T3.2

Above/Below/Between: above Percent: 3.2% Month: September 2023

CPIYOY-23SEP-T3.3

Above/Below/Between: above Percent: 3.3% Month: September 2023

CPIYOY-23SEP-T3.4

Above/Below/Between: above Percent: 3.4% Month: September 2023

CPIYOY-23SEP-T3.5

Above/Below/Between: above Percent: 3.5% Month: September 2023

CPIYOY-23SEP-T3.6

Above/Below/Between: above Percent: 3.6% Month: September 2023

CPIYOY-23SEP-T3.7 Above/Below/Between: above Percent: 3.7% Month: September 2023

CPIYOY-23SEP-T3.8

Above/Below/Between: above Percent: 3.8% Month: September 2023

CPIYOY-23SEP-T3.9

Above/Below/Between: above Percent: 3.9% Month: September 2023

CPIYOY-23SEP-T4.0 Above/Below/Between: above Percent: 4.0% Month: September 2023

• Changes made to ticker YOYCPICORE (Category: Economic/Demographic Measure - US Govt, Product Name: Will core inflation be for the 12 months ending ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

CPICOREYOY-22DEC-T5.0

Above/Below/Between: above Percent: 5.0% Month: December 2022

CPICOREYOY-22DEC-T5.1

Above/Below/Between: above Percent: 5.1% Month: December 2022

CPICOREYOY-22DEC-T5.2

Above/Below/Between: above Percent: 5.2% Month: December 2022

CPICOREYOY-22DEC-T5.3

Above/Below/Between: above Percent: 5.3% Month: December 2022

CPICOREYOY-22DEC-T5.4

Above/Below/Between: above Percent: 5.4% Month: December 2022

CPICOREYOY-22DEC-T5.5

Above/Below/Between: above Percent: 5.5% Month: December 2022

CPICOREYOY-22DEC-T5.6

Above/Below/Between: above Percent: 5.6% Month: December 2022

CPICOREYOY-22DEC-T5.7

Above/Below/Between: above Percent: 5.7% Month: December 2022

CPICOREYOY-22DEC-T5.8

Above/Below/Between: above Percent: 5.8% Month: December 2022

CPICOREYOY-22DEC-T5.9

Above/Below/Between: above Percent: 5.9% Month: December 2022

CPICOREYOY-22DEC-T6.0

Above/Below/Between: above Percent: 6.0% Month: December 2022

CPICOREYOY-22DEC-T6.1

Above/Below/Between: above Percent: 6.1% Month: December 2022

CPICOREYOY-22DEC-T6.2

Above/Below/Between: above Percent: 6.2% Month: December 2022

CPICOREYOY-22DEC-T6.3

Above/Below/Between: above Percent: 6.3% Month: December 2022

CPICOREYOY-22DEC-T6.4

Above/Below/Between: above Percent: 6.4% Month: December 2022

CPICOREYOY-23APR-T3.3

Above/Below/Between: above Percent: 3.3% Month: April 2023

CPICOREYOY-23APR-T3.4

Above/Below/Between: above Percent: 3.4% Month: April 2023

CPICOREYOY-23APR-T3.5

Above/Below/Between: above Percent: 3.5% Month: April 2023

CPICOREYOY-23APR-T3.6

Above/Below/Between: above Percent: 3.6% Month: April 2023

CPICOREYOY-23APR-T3.7

Above/Below/Between: above Percent: 3.7% Month: April 2023

CPICOREYOY-23APR-T3.8

Above/Below/Between: above Percent: 3.8% Month: April 2023

CPICOREYOY-23APR-T3.9

Above/Below/Between: above Percent: 3.9% Month: April 2023

CPICOREYOY-23APR-T4.0

Above/Below/Between: above Percent: 4.0% Month: April 2023

CPICOREYOY-23APR-T4.1

Above/Below/Between: above Percent: 4.1% Month: April 2023

CPICOREYOY-23APR-T4.2

Above/Below/Between: above Percent: 4.2% Month: April 2023

CPICOREYOY-23APR-T4.3

Above/Below/Between: above Percent: 4.3% Month: April 2023

CPICOREYOY-23APR-T4.4

Above/Below/Between: above Percent: 4.4% Month: April 2023

CPICOREYOY-23APR-T4.5

Above/Below/Between: above Percent: 4.5% Month: April 2023

CPICOREYOY-23APR-T4.6

Above/Below/Between: above Percent: 4.6% Month: April 2023

CPICOREYOY-23APR-T4.7

Above/Below/Between: above Percent: 4.7% Month: April 2023

CPICOREYOY-23AUG-T2.7

Above/Below/Between: above Percent: 2.7% Month: August 2023

CPICOREYOY-23AUG-T2.8

Above/Below/Between: above Percent: 2.8% Month: August 2023

CPICOREYOY-23AUG-T2.9

Above/Below/Between: above Percent: 2.9% Month: August 2023

CPICOREYOY-23AUG-T3.0

Above/Below/Between: above Percent: 3.0% Month: August 2023

CPICOREYOY-23AUG-T3.1

Above/Below/Between: above Percent: 3.1% Month: August 2023

CPICOREYOY-23AUG-T3.2

Above/Below/Between: above Percent: 3.2% Month: August 2023

CPICOREYOY-23AUG-T3.3

Above/Below/Between: above Percent: 3.3% Month: August 2023

CPICOREYOY-23AUG-T3.4

Above/Below/Between: above Percent: 3.4% Month: August 2023

CPICOREYOY-23AUG-T3.5

Above/Below/Between: above Percent: 3.5% Month: August 2023

CPICOREYOY-23AUG-T3.6

Above/Below/Between: above Percent: 3.6% Month: August 2023

CPICOREYOY-23AUG-T3.7

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CPICOREYOY-23AUG-T3.8

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CPICOREYOY-23AUG-T3.9

Above/Below/Between: above Percent: 3.9% Month: August 2023

CPICOREYOY-23AUG-T4.0

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CPICOREYOY-23AUG-T4.1

Above/Below/Between: above Percent: 4.1% Month: August 2023

CPICOREYOY-23FEB-T4.0

Above/Below/Between: above Percent: 4.0% Month: February 2023

CPICOREYOY-23FEB-T4.1

Above/Below/Between: above Percent: 4.1% Month: February 2023

CPICOREYOY-23FEB-T4.2

Above/Below/Between: above Percent: 4.2% Month: February 2023

CPICOREYOY-23FEB-T4.3

Above/Below/Between: above Percent: 4.3% Month: February 2023

CPICOREYOY-23FEB-T4.4

Above/Below/Between: above Percent: 4.4% Month: February 2023

CPICOREYOY-23FEB-T4.5

Above/Below/Between: above Percent: 4.5% Month: February 2023

CPICOREYOY-23FEB-T4.6

Above/Below/Between: above Percent: 4.6% Month: February 2023

CPICOREYOY-23FEB-T4.7

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CPICOREYOY-23FEB-T4.8

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CPICOREYOY-23FEB-T4.9

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CPICOREYOY-23FEB-T5.0

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CPICOREYOY-23FEB-T5.1

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CPICOREYOY-23FEB-T5.2

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CPICOREYOY-23FEB-T5.3

Above/Below/Between: above Percent: 5.3% Month: February 2023

CPICOREYOY-23FEB-T5.4

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CPICOREYOY-23JAN-T4.6

Above/Below/Between: above Percent: 4.6% Month: January 2023

CPICOREYOY-23JAN-T4.7

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CPICOREYOY-23JAN-T4.8

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CPICOREYOY-23JAN-T4.9

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CPICOREYOY-23JAN-T5.0

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CPICOREYOY-23JAN-T5.1

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CPICOREYOY-23JAN-T5.2

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CPICOREYOY-23JAN-T5.3

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CPICOREYOY-23JAN-T5.4

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CPICOREYOY-23JAN-T5.5

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CPICOREYOY-23JAN-T5.6

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CPICOREYOY-23JAN-T5.7

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CPICOREYOY-23JAN-T5.8

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CPICOREYOY-23JAN-T5.9

Above/Below/Between: above Percent: 5.9% Month: January 2023

CPICOREYOY-23JAN-T6.0

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CPICOREYOY-23JUL-T3.0

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CPICOREYOY-23JUL-T3.1

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CPICOREYOY-23JUL-T3.2

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CPICOREYOY-23JUL-T3.3

Above/Below/Between: above Percent: 3.3% Month: July 2023

CPICOREYOY-23JUL-T3.4 Above/Below/Between: above Percent: 3.4% Month: July 2023

CPICOREYOY-23JUL-T3.5

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CPICOREYOY-23JUL-T3.6

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CPICOREYOY-23JUL-T3.7

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CPICOREYOY-23JUL-T3.8

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CPICOREYOY-23JUL-T3.9

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CPICOREYOY-23JUL-T4.0

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CPICOREYOY-23JUL-T4.1

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CPICOREYOY-23JUL-T4.2

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CPICOREYOY-23JUL-T4.3

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CPICOREYOY-23JUL-T4.4

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CPICOREYOY-23JUN-T3.0

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CPICOREYOY-23JUN-T3.1 Above/Below/Between: above

Percent: 3.1% Month: June 2023

CPICOREYOY-23JUN-T3.2

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CPICOREYOY-23JUN-T3.3

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CPICOREYOY-23JUN-T3.4

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CPICOREYOY-23JUN-T3.5

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CPICOREYOY-23JUN-T3.6

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CPICOREYOY-23JUN-T3.7

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CPICOREYOY-23JUN-T3.8

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CPICOREYOY-23JUN-T3.9

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CPICOREYOY-23JUN-T4.0

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CPICOREYOY-23JUN-T4.1

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CPICOREYOY-23JUN-T4.2

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CPICOREYOY-23JUN-T4.3

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CPICOREYOY-23JUN-T4.4

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CPICOREYOY-23MAR-T3.6

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CPICOREYOY-23MAR-T3.7

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CPICOREYOY-23MAR-T3.8

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CPICOREYOY-23MAR-T3.9

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CPICOREYOY-23MAR-T4.0

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CPICOREYOY-23MAR-T4.1

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CPICOREYOY-23MAR-T4.2

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CPICOREYOY-23MAR-T4.3

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CPICOREYOY-23MAR-T4.4

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CPICOREYOY-23MAR-T4.5

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CPICOREYOY-23MAR-T4.6

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CPICOREYOY-23MAR-T4.7

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CPICOREYOY-23MAR-T4.8

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CPICOREYOY-23MAR-T4.9

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CPICOREYOY-23MAR-T5.0

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CPICOREYOY-23MAY-T3.2

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CPICOREYOY-23MAY-T3.3

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CPICOREYOY-23MAY-T3.4

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CPICOREYOY-23MAY-T3.5

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CPICOREYOY-23MAY-T3.6

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CPICOREYOY-23MAY-T3.7

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CPICOREYOY-23MAY-T3.8

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CPICOREYOY-23MAY-T3.9

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CPICOREYOY-23MAY-T4.0

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CPICOREYOY-23MAY-T4.1

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CPICOREYOY-23MAY-T4.2

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CPICOREYOY-23MAY-T4.3

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CPICOREYOY-23MAY-T4.4

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CPICOREYOY-23MAY-T4.5

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CPICOREYOY-23MAY-T4.6

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CPICOREYOY-23NOV-T2.3

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CPICOREYOY-23NOV-T2.4

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CPICOREYOY-23NOV-T2.5

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CPICOREYOY-23NOV-T2.6

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CPICOREYOY-23NOV-T2.7

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CPICOREYOY-23NOV-T2.8

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CPICOREYOY-23NOV-T2.9

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CPICOREYOY-23NOV-T3.0

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CPICOREYOY-23NOV-T3.1

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CPICOREYOY-23NOV-T3.2

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CPICOREYOY-23NOV-T3.3

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CPICOREYOY-23NOV-T3.4

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CPICOREYOY-23NOV-T3.5

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CPICOREYOY-23NOV-T3.6

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CPICOREYOY-23NOV-T3.7

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CPICOREYOY-230CT-T2.4

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CPICOREYOY-230CT-T2.5

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CPICOREYOY-230CT-T2.6

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CPICOREYOY-230CT-T2.7

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CPICOREYOY-230CT-T2.8

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CPICOREYOY-230CT-T2.9

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CPICOREYOY-230CT-T3.0

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CPICOREYOY-230CT-T3.5

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CPICOREYOY-230CT-T3.7

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CPICOREYOY-230CT-T3.8

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CPICOREYOY-23SEP-T2.5

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CPICOREYOY-23SEP-T2.6

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CPICOREYOY-23SEP-T2.7

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CPICOREYOY-23SEP-T2.8

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CPICOREYOY-23SEP-T2.9

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CPICOREYOY-23SEP-T3.0

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CPICOREYOY-23SEP-T3.1

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CPICOREYOY-23SEP-T3.2

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CPICOREYOY-23SEP-T3.3

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CPICOREYOY-23SEP-T3.4

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CPICOREYOY-23SEP-T3.5

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CPICOREYOY-23SEP-T3.6

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CPICOREYOY-23SEP-T3.7

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CPICOREYOY-23SEP-T3.8

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CPICOREYOY-23SEP-T3.9

Above/Below/Between: above Percent: 3.9% Month: September 2023

If you have any questions, please do not hesitate to contact me.

Sincerely,

Elie Mishory Chief Regulatory Officer KalshiEX LLC emishory@kalshi.com