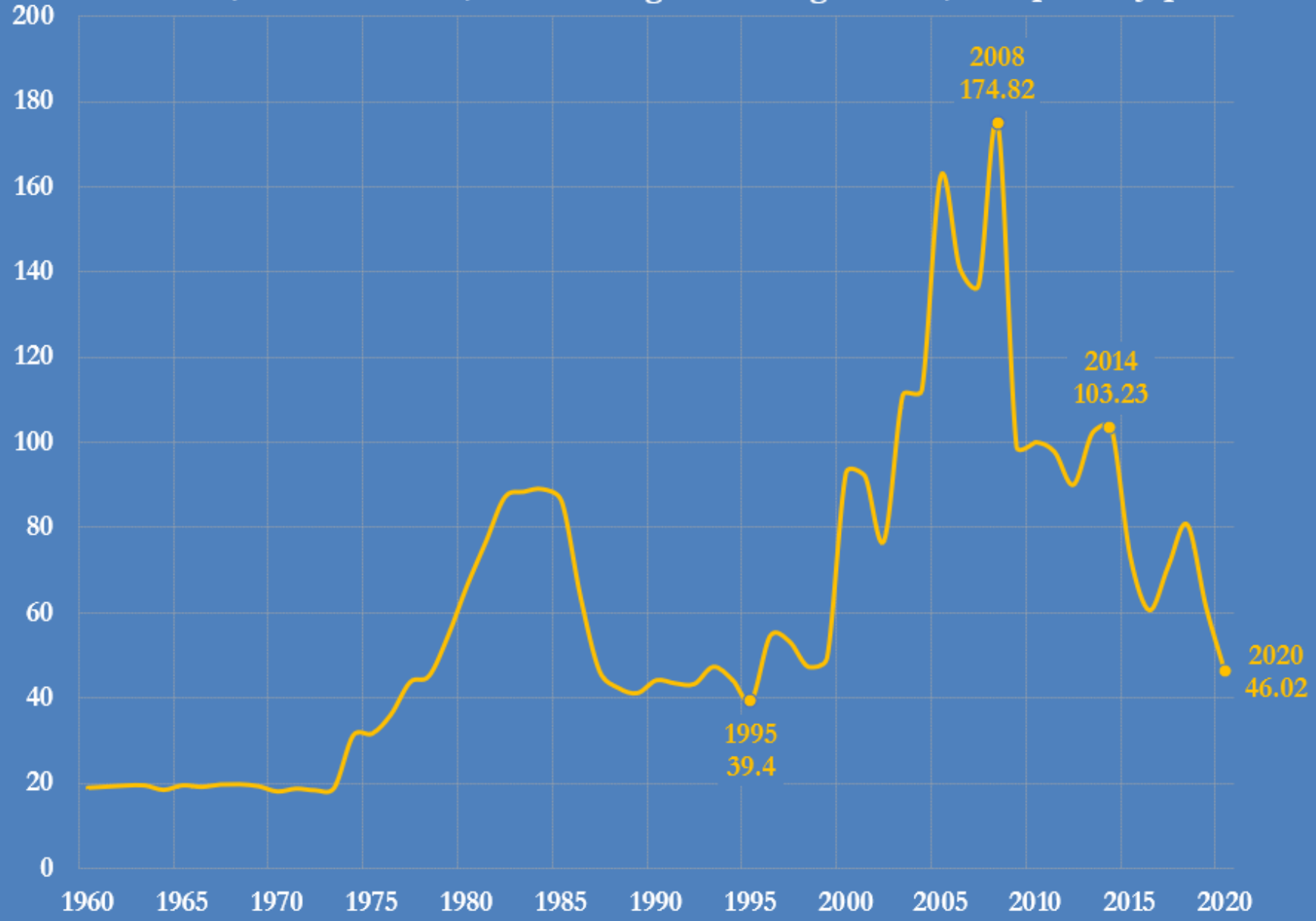
Global natural gas prices

Selected indicators

JOHN KEMP
REUTERS
7 Oct 2021

Real natural gas prices, 1960-2020

annual, index 2010=100, volume-weighted average for US, Europe and Japan

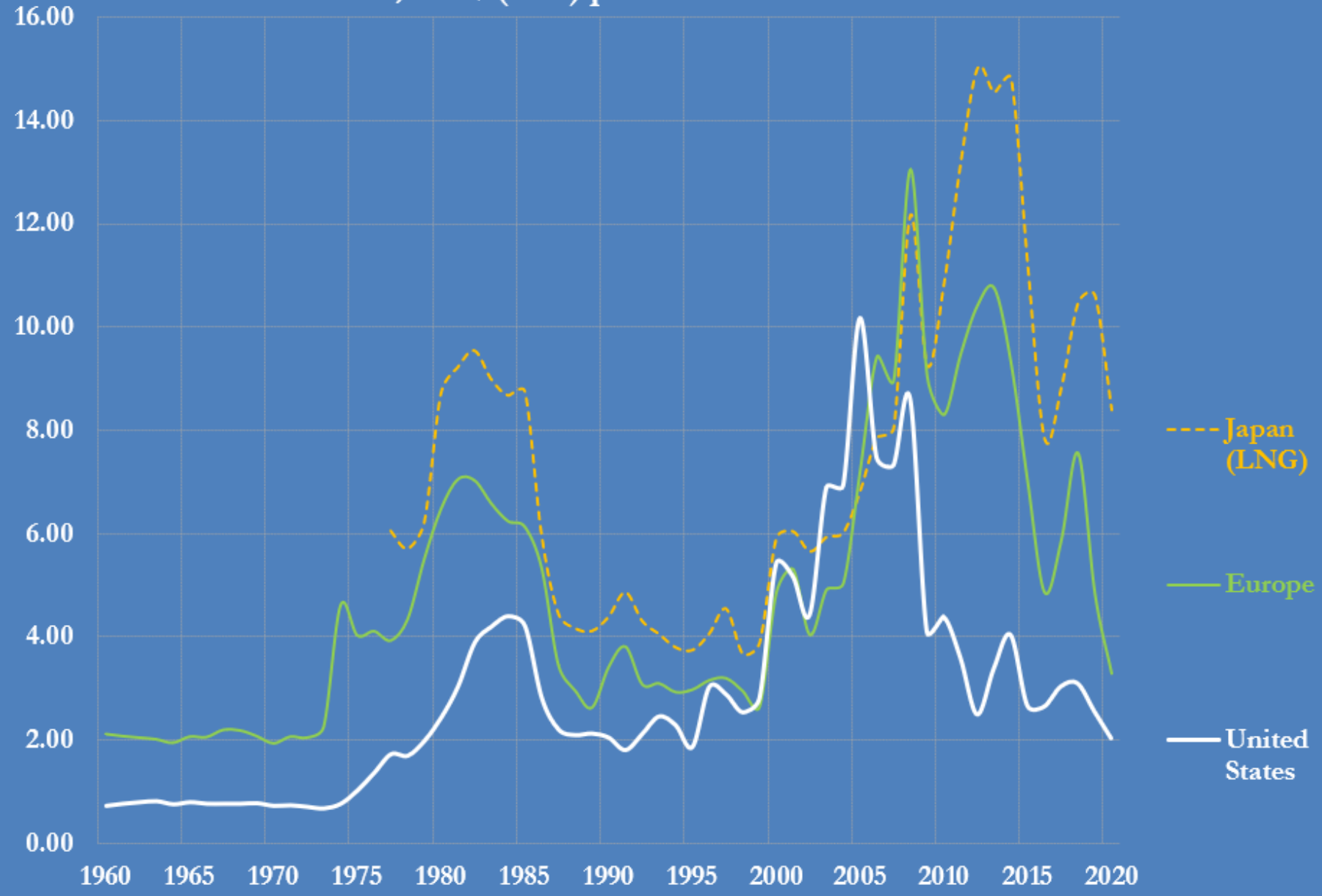


Source: World Bank

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Real natural gas prices, 1960-2020

annual, U.S.$ (2010) per million British thermal units

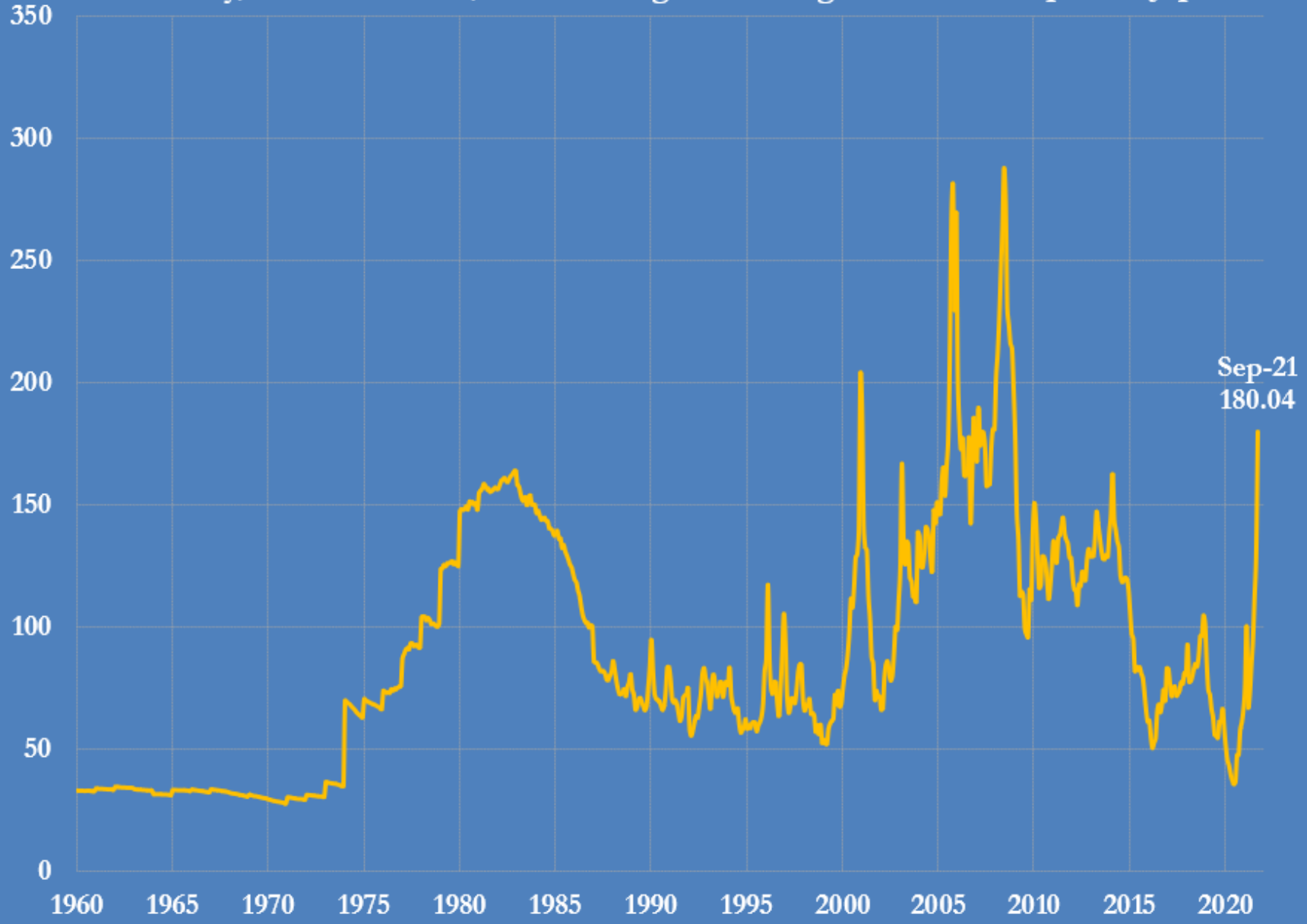


Source: World Bank

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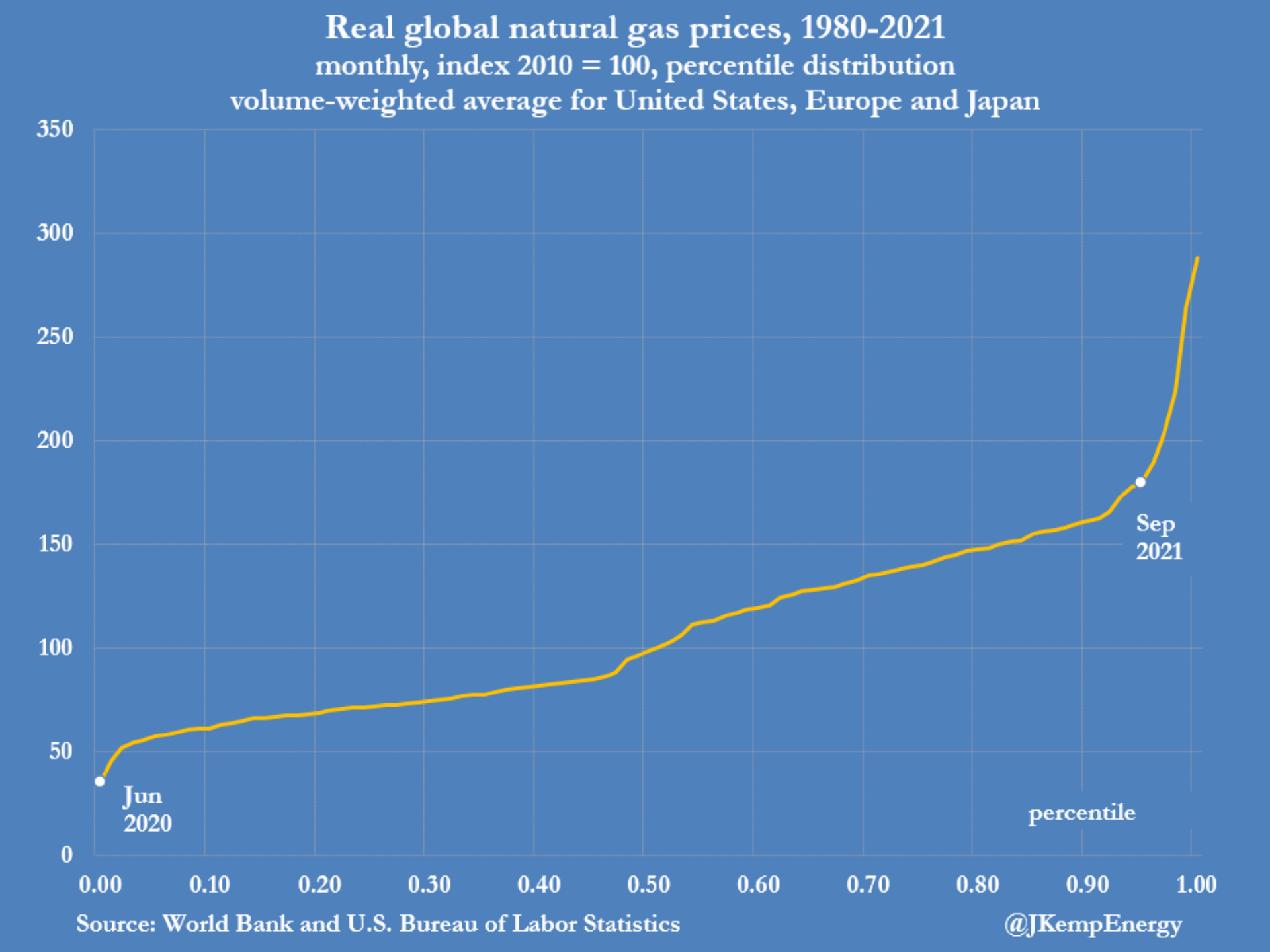
Real natural gas prices, 1960-2020

monthly, index 2010=100, volume-weighted average for U.S. Europe and Japan



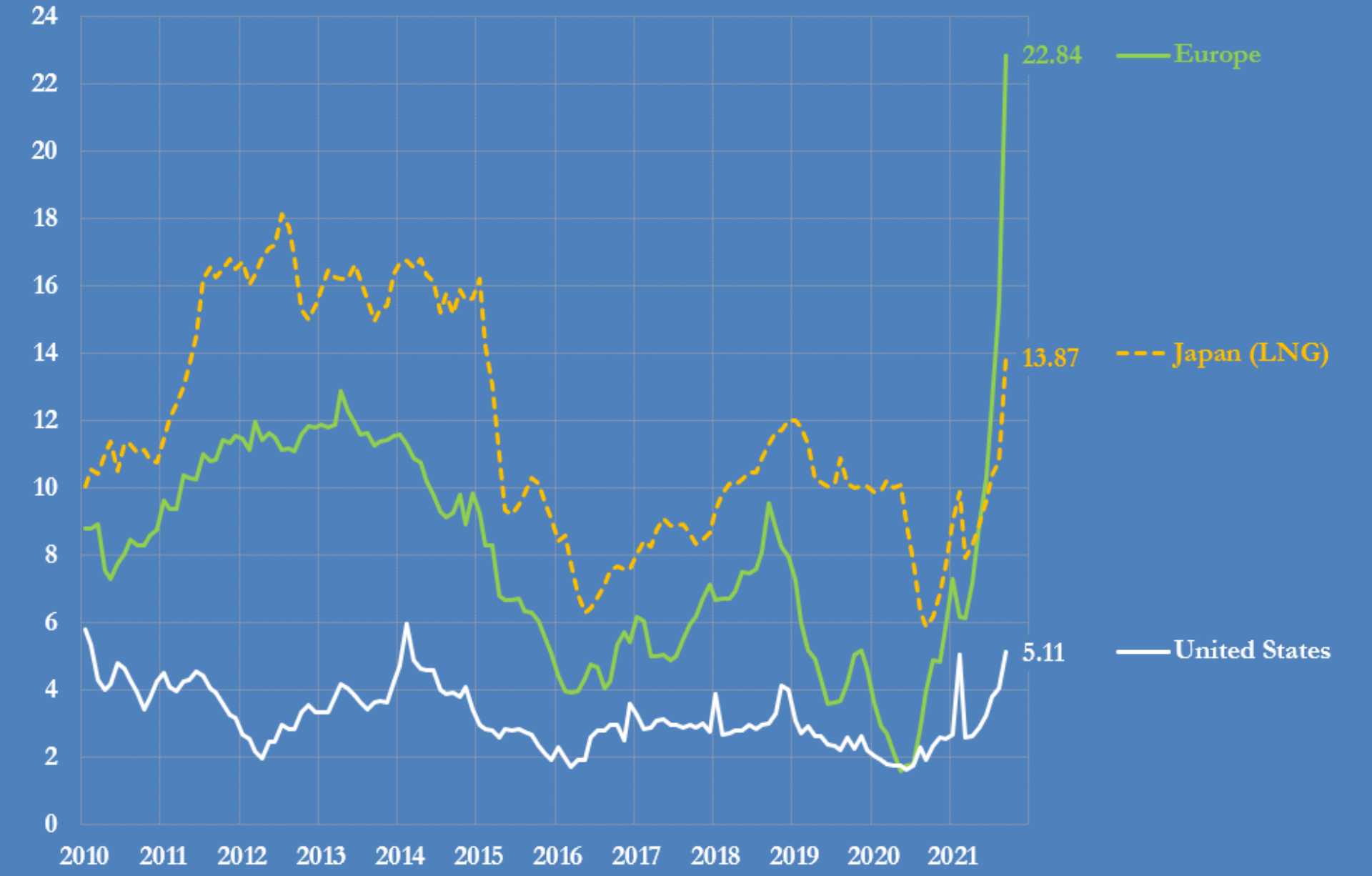
Source: World Bank and U.S. Bureau of Labor Statistics

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Real global natural gas prices, 1980-2021
monthly, index 2010 = 100, percentile distribution
volume-weighted average for United States, Europe and Japan
350
300
250
200
150
100
50
0
Jun
2020
Sep
2021
percentile
0.00
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
1.00
Source: World Bank and U.S. Bureau of Labor Statistics
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Global natural gas prices, 2010-2021

U.S.$ per million British thermal units, monthly, *nominal*

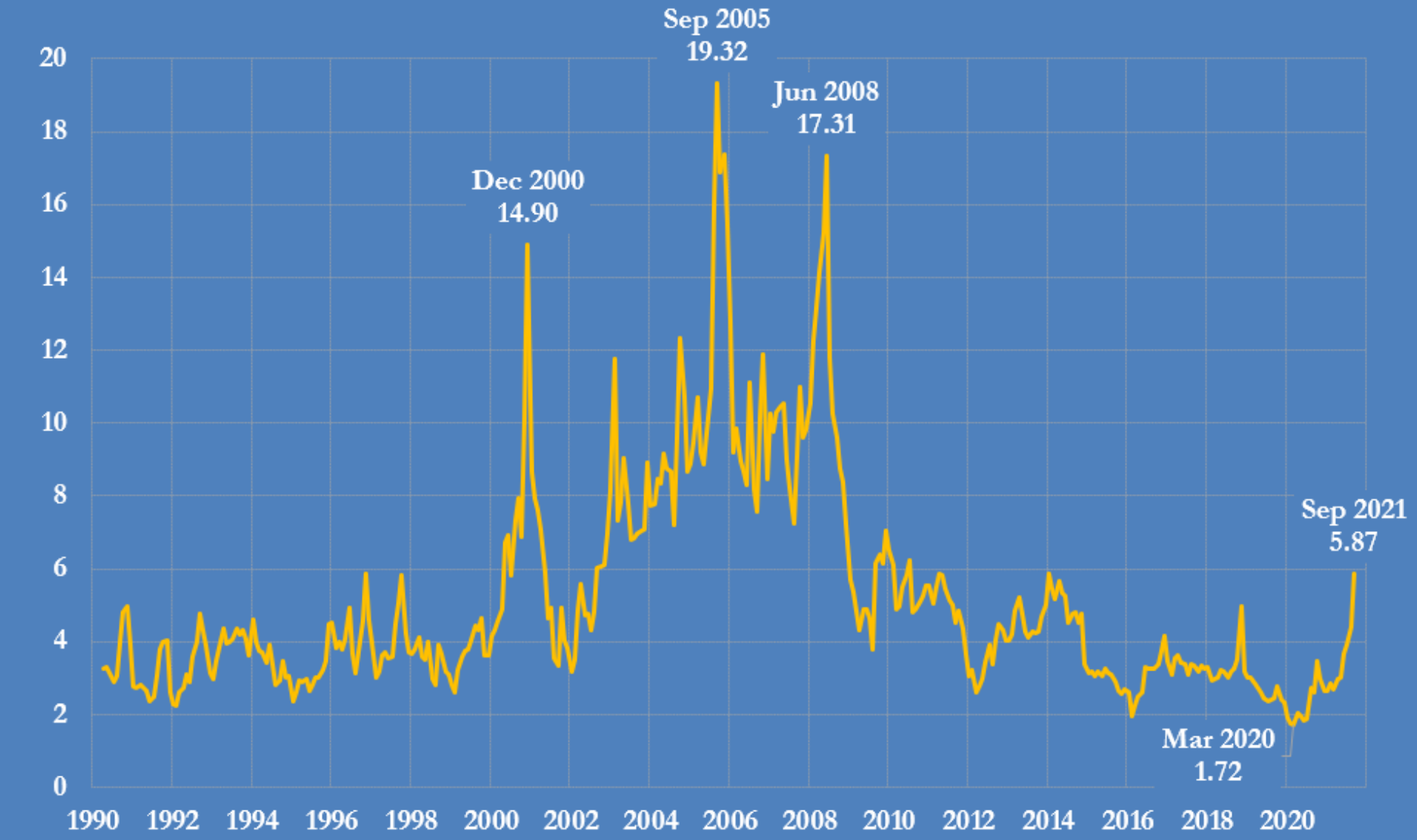


Source: World Bank

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Real U.S. natural gas prices, 1900-2021

month-end, front-month futures, U.S.$ per million British thermal units
adjusted by core CPI ex food and energy to equivalent of U.S.$ Aug 2021

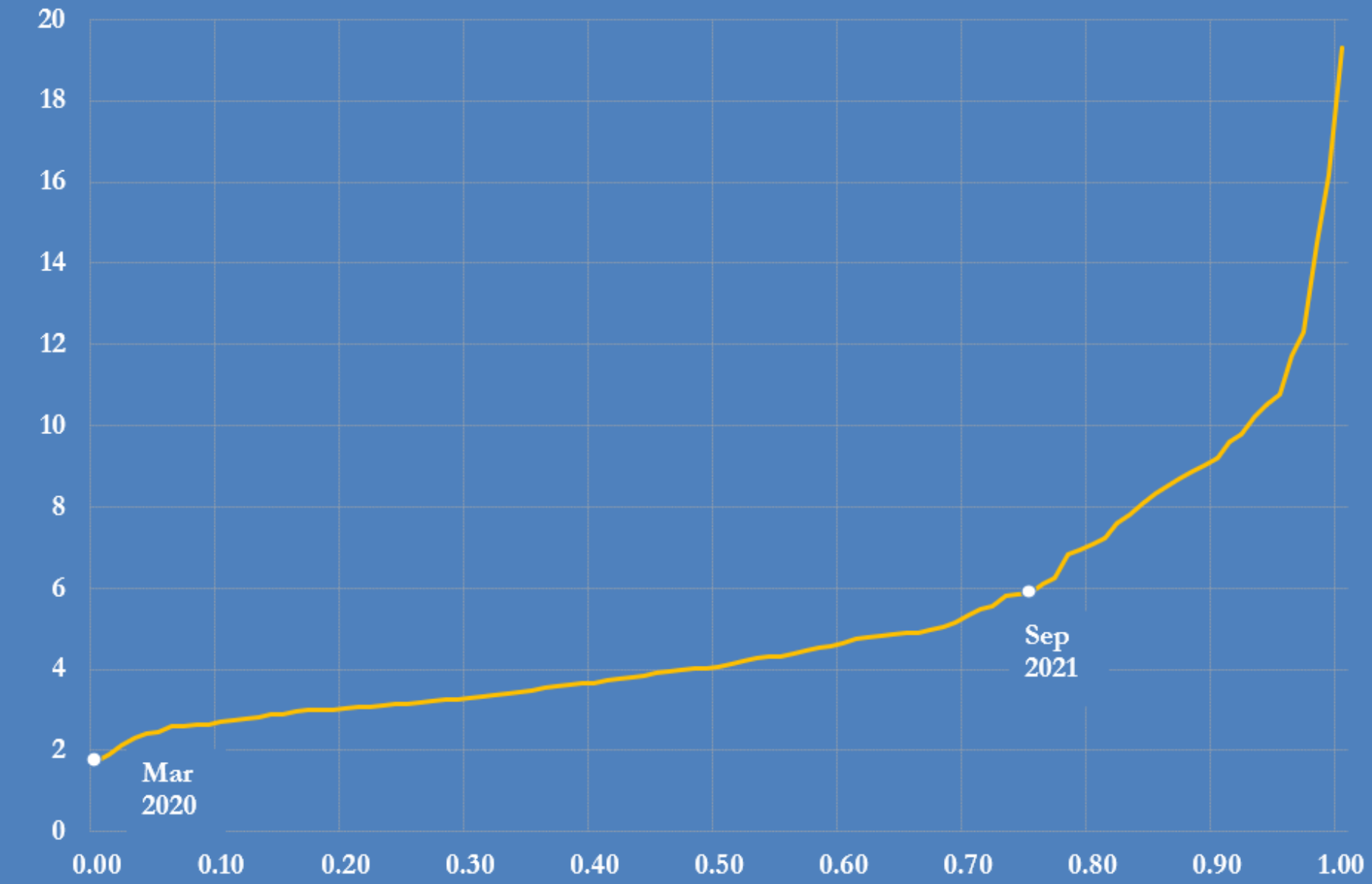


Sources: CME Group and U.S. Bureau of Labor Statistics

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Real U.S. natural gas prices, 1990-2021

month-end, front-month futures, U.S.$ per million British thermal units
adjusted by core CPI to equivalent of Aug 2021

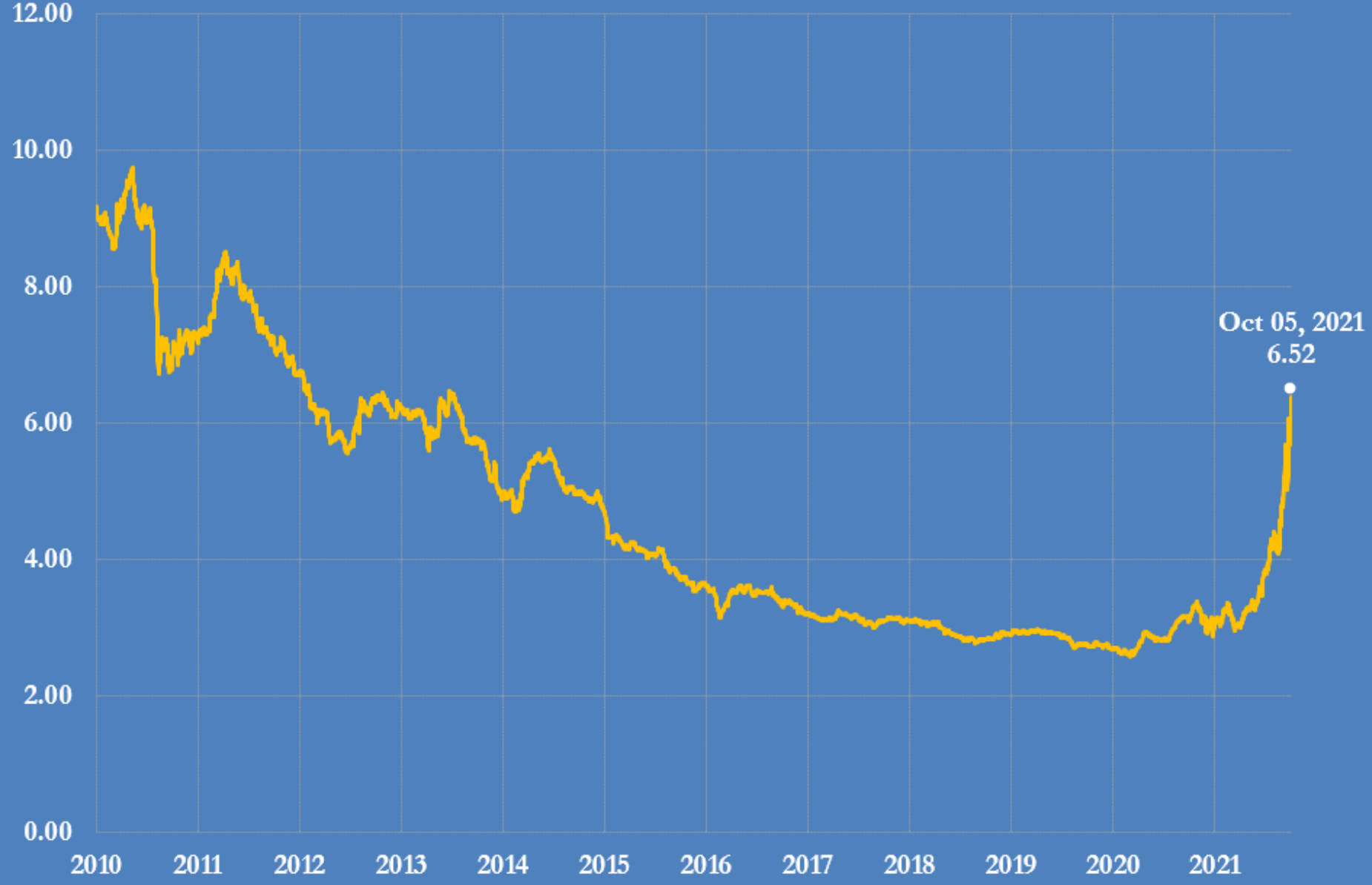


Sources: CME Group and U.S. Bureau of Labor Statistics

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U.S. natural gas futures price for deliveries in January 2022

U.S.$ per million British thermal units, daily



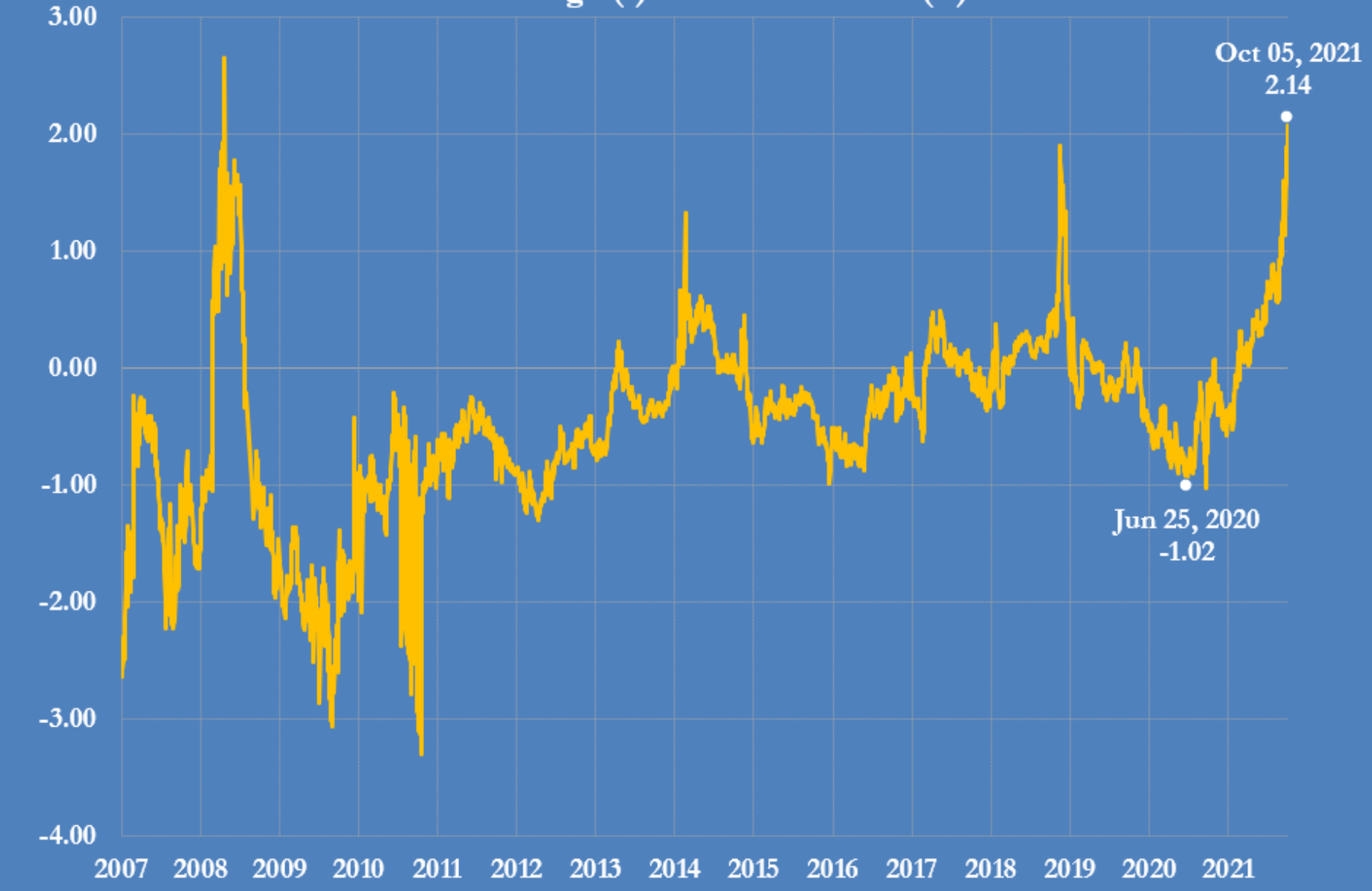
Source: CME Group

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U.S. natural gas futures calendar spread, 2007-2021

first-month minus thirteenth-month, daily, U.S.$ per million Btu

contango (-) or backwardation (+)



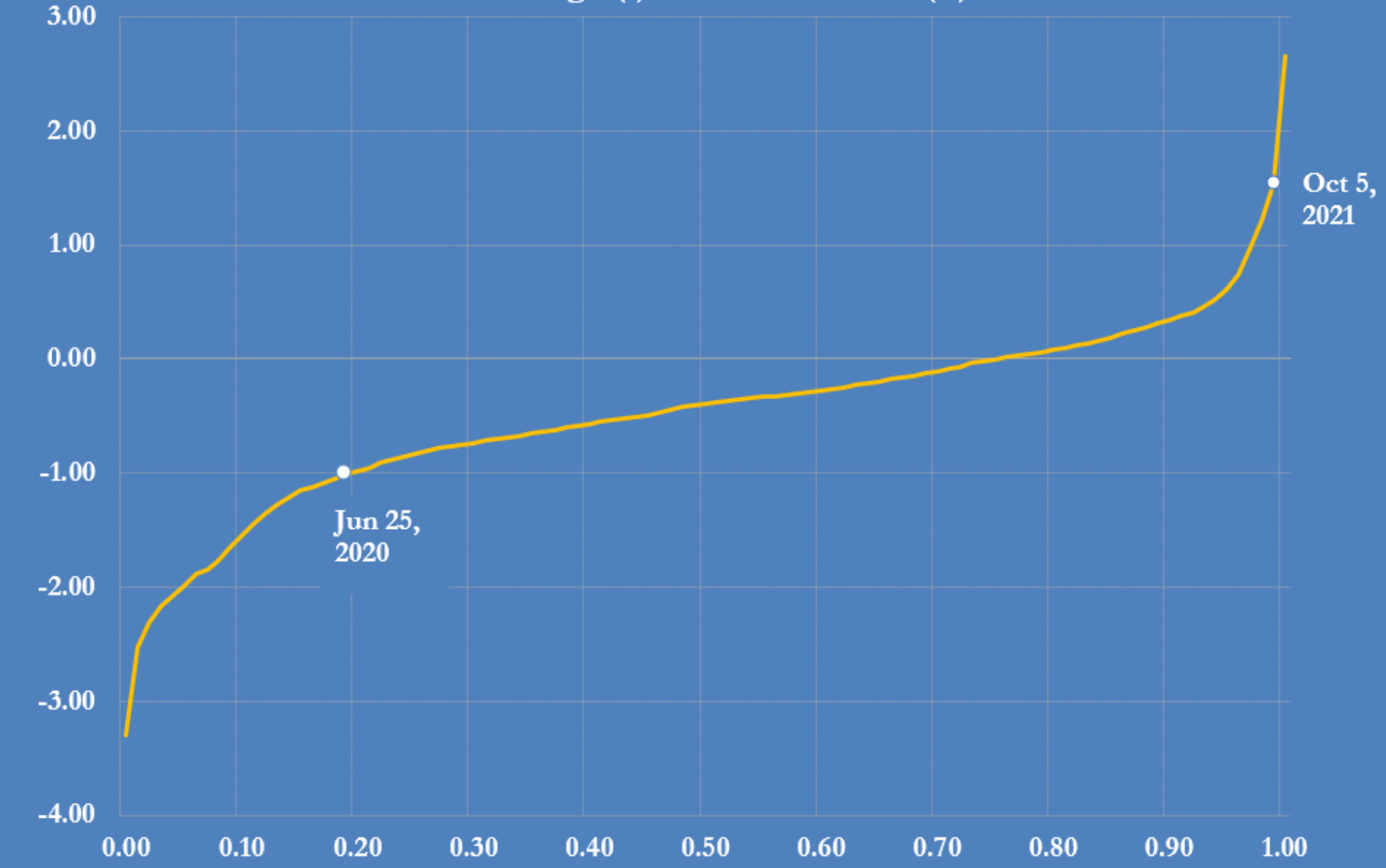
Source: CME Group

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U.S. natural gas futures calendar spread, 2007-2021

daily, U.S.$ per million Btu, M1-M13, percentiles

contango (-) or backwardation (+)

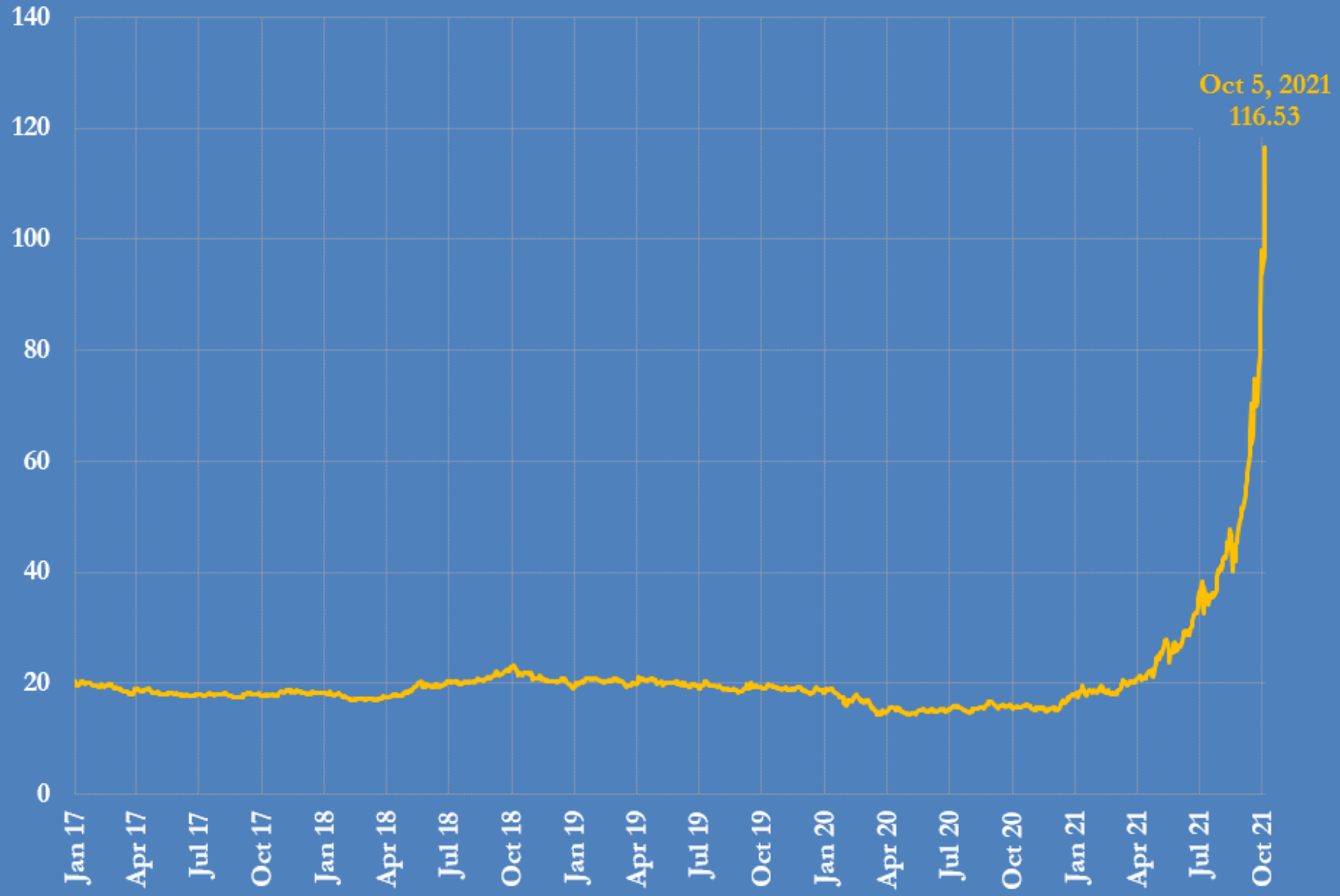


Source: CME Group

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Dutch TTF gas futures for deliveries in Jan 2022

daily, Euro/MWh



Source: ICE ENDEX

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Asia LNG: Japan-Korea Marker, front-month futures contract

U.S.$ per million British thermal units

daily and exponentially-weighted moving average ($\alpha = 0.15$)



Source: CME Group

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