

October 30, 2023

Kaiko Research

Weekly Chartbook

Your go-to cryptocurrency market reference with
40+ updating charts and analytics.



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1. Price Dynamics



Bitcoin

Sunday Close
\$34,540

All Time High
\$68,630

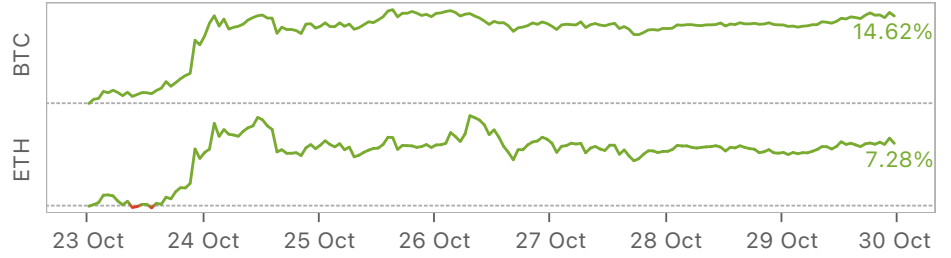
Ether

\$1,796

\$4,848

7D Returns

Percentage price change since previous Sunday's close



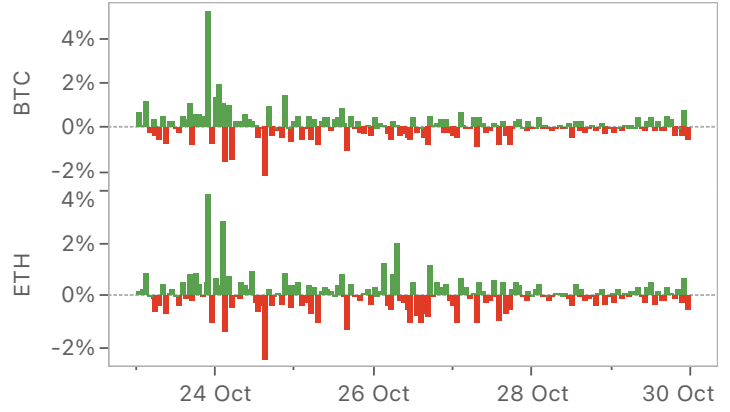
Data Source: Kaiko asset prices

ETH to BTC Ratio



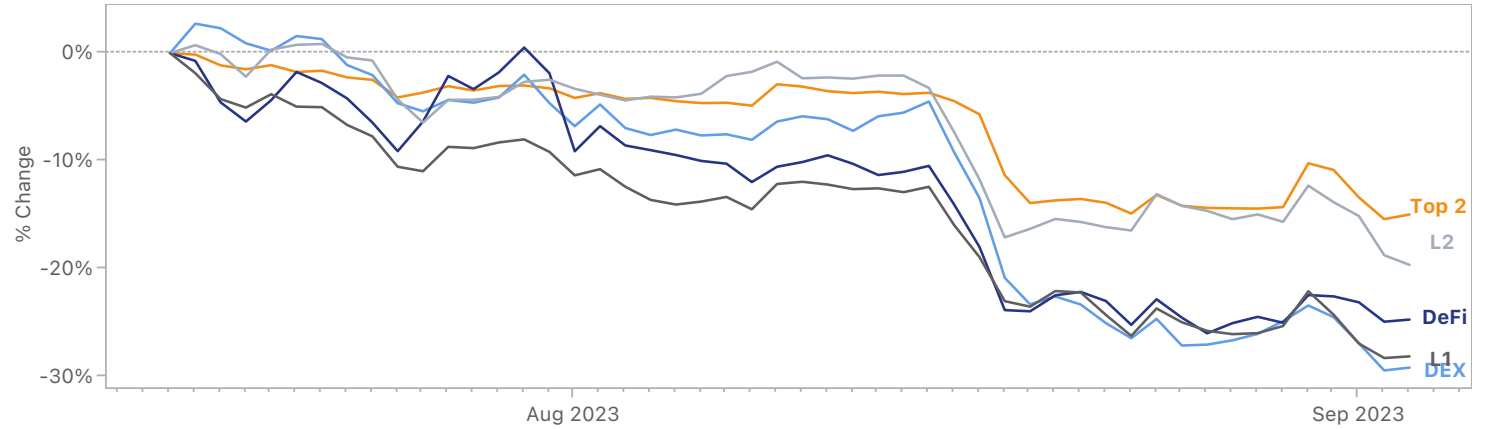
Data Source: Kaiko asset prices

Hourly Returns



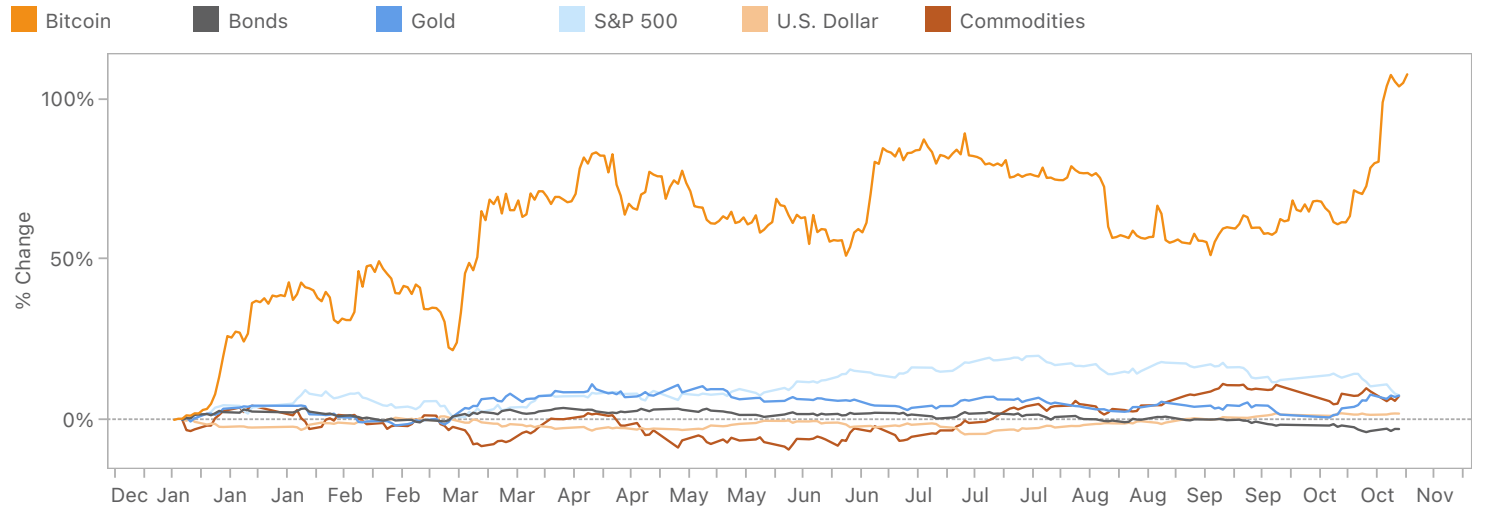
Data Source: Kaiko asset prices

90D Crypto Sector Returns



Data Source: Kaiko valuation data

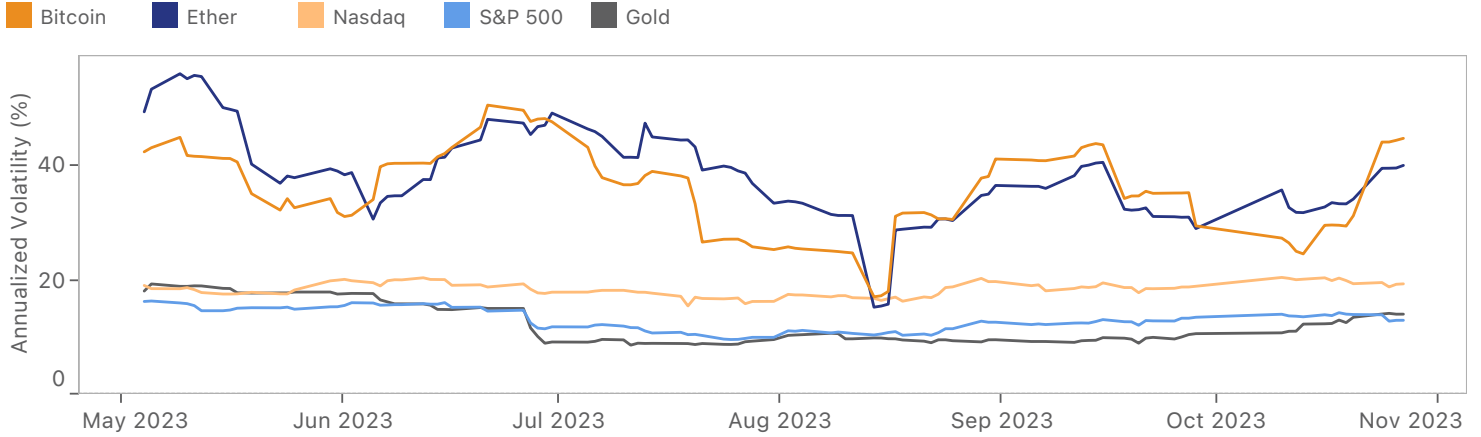
YTD Traditional Asset Returns



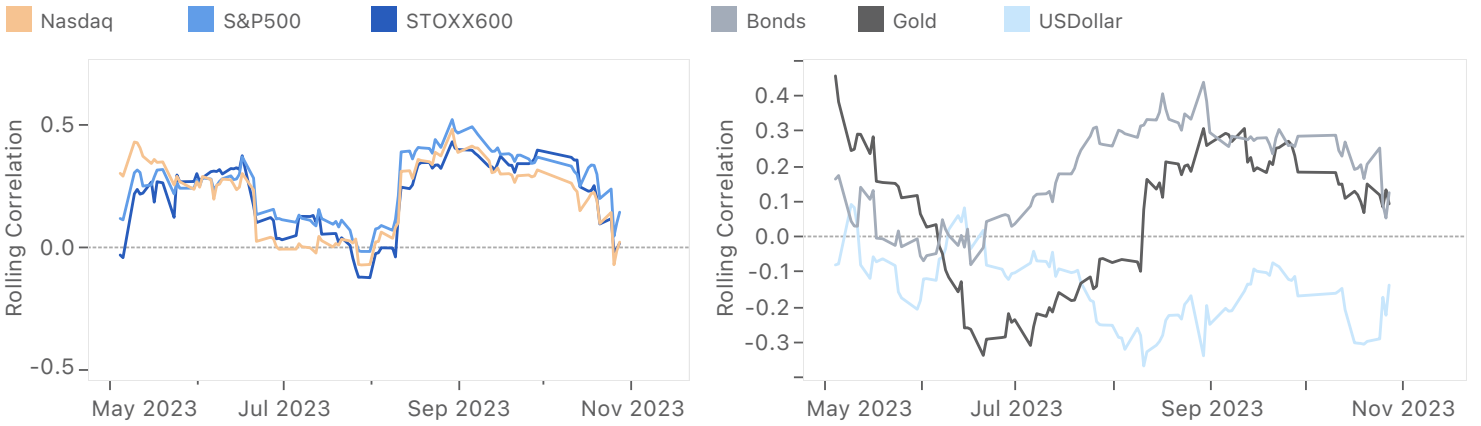
Data Source: Kaiko, Yahoo Finance.

2. Volatility and Correlations

30D Rolling Historical Volatility



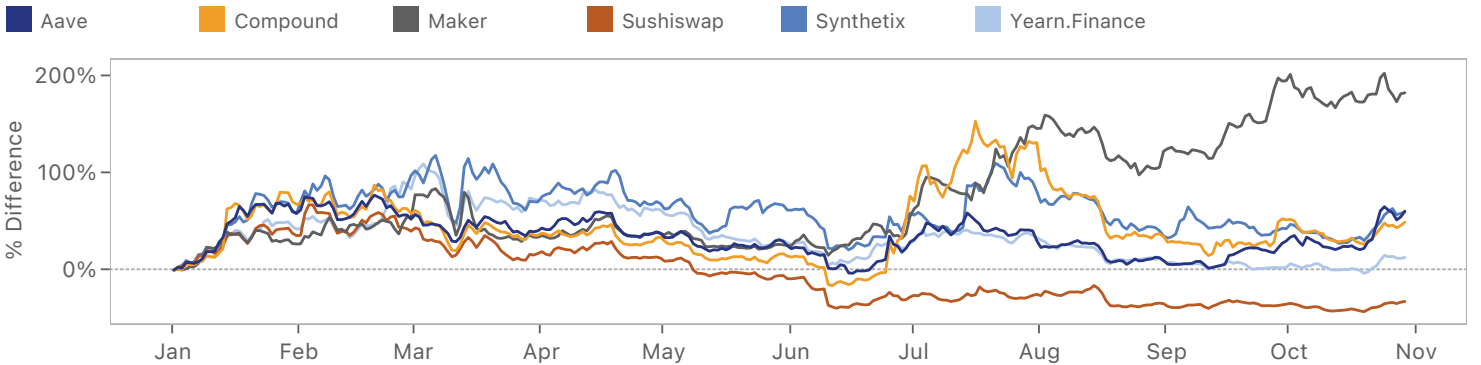
30D Rolling Correlation With BTC Daily Returns



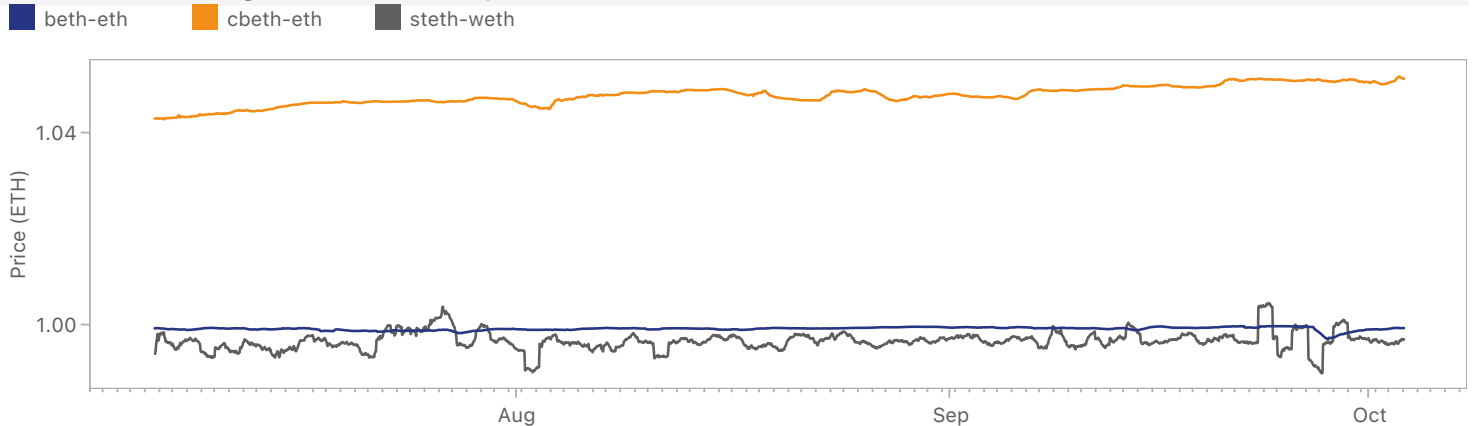
Data Source: Kaiko asset prices, Yahoo Finance

3. DeFi

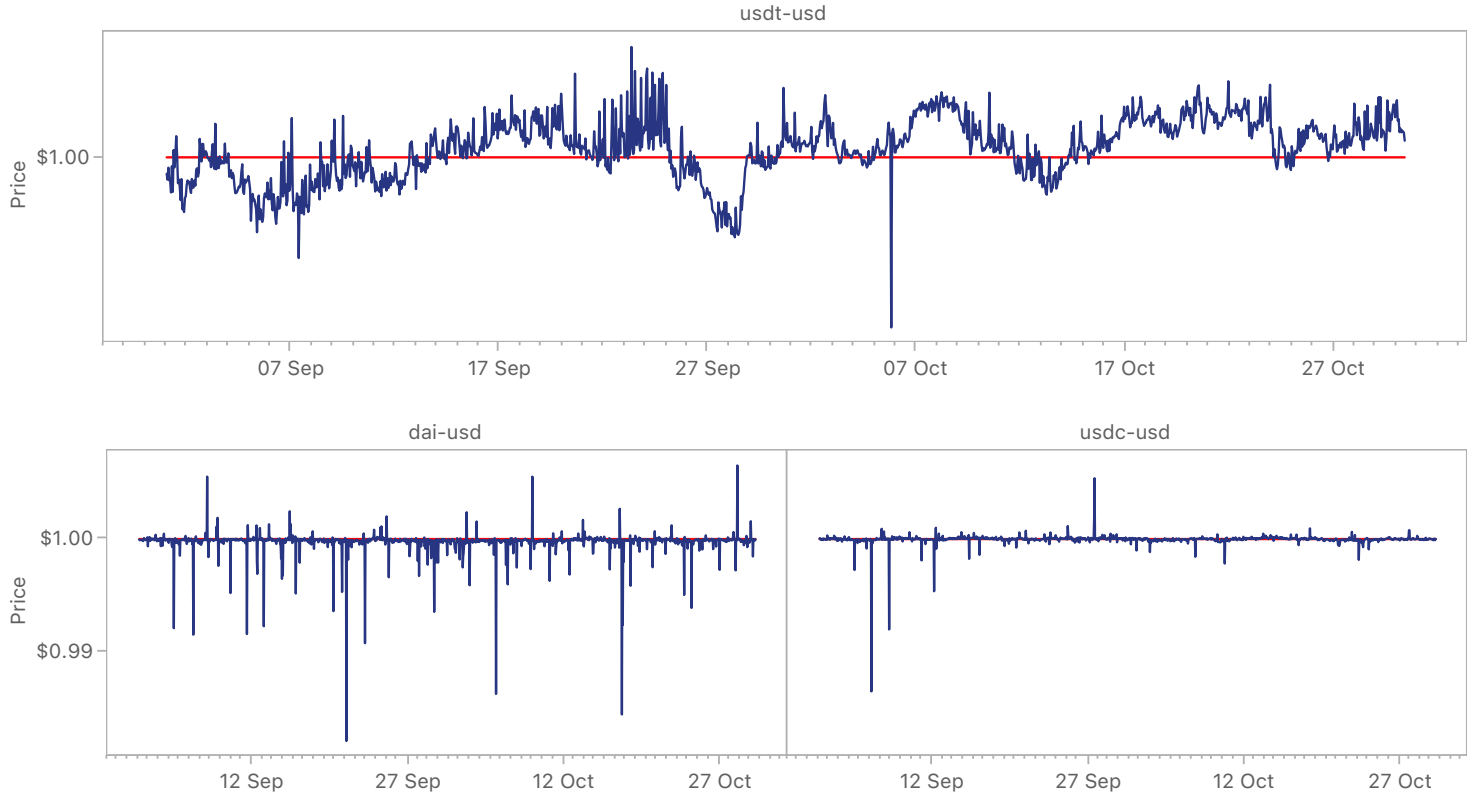
DeFi Token YTD Returns



Ethereum Staking Token Discount/Premium

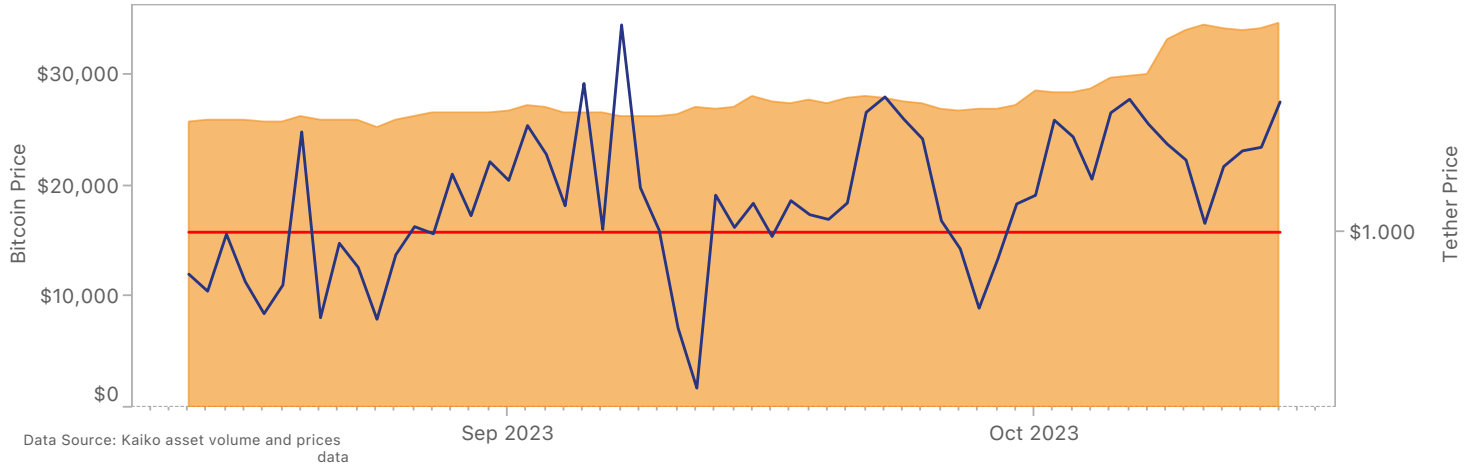


Dollar-Pegged Stablecoin USD Exchange Rate



Data Source: Kaiko asset prices

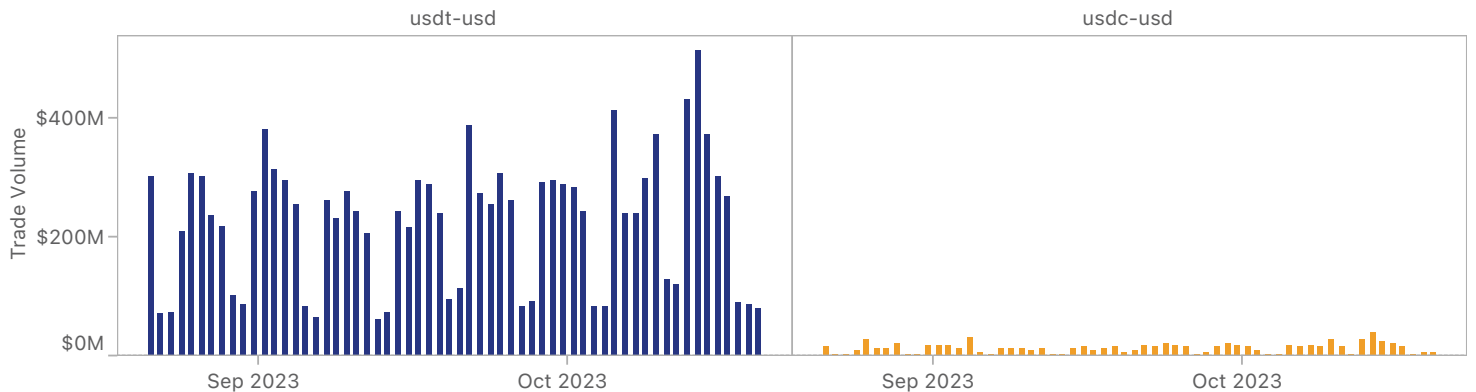
Tether vs. Bitcoin Price



Data Source: Kaiko asset volume and prices data

Daily Trading Volume

Volume aggregated across all USDC-USD and USDT-USD trading pairs

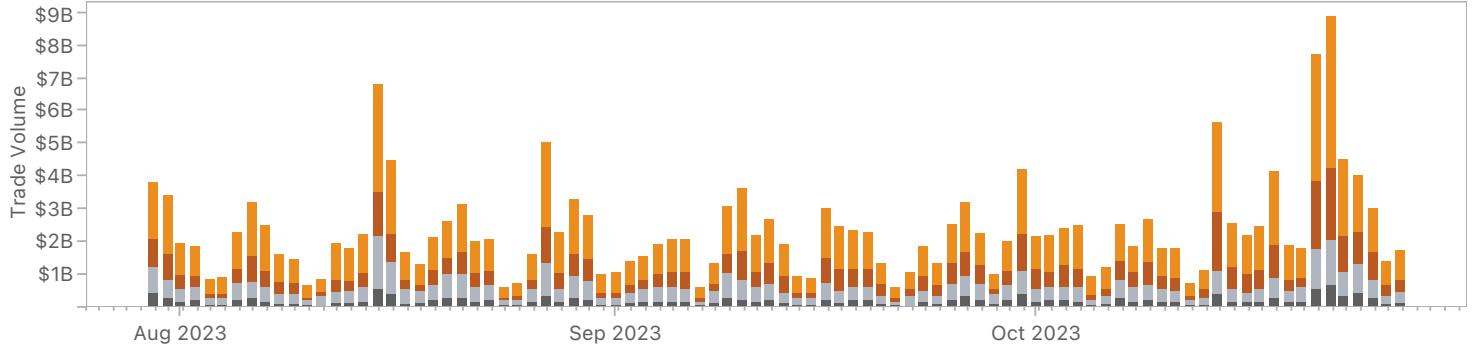


Data Source: Kaiko asset volume and prices data

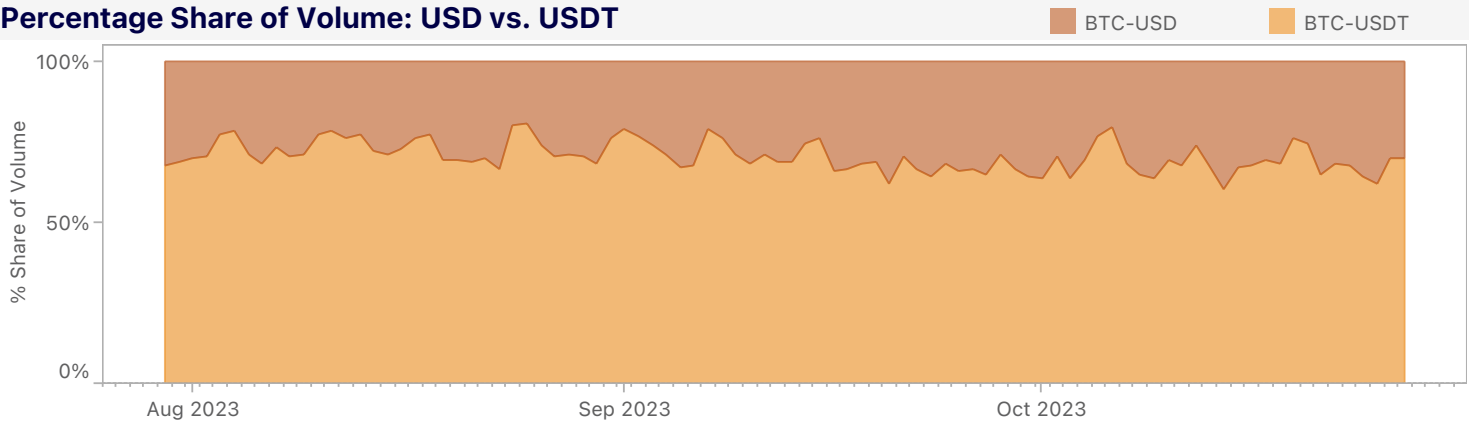
5. Aggregated Volume

■ BTC-USDT
 ■ BTC-USD
 ■ ETH-USDT
 ■ ETH-USD

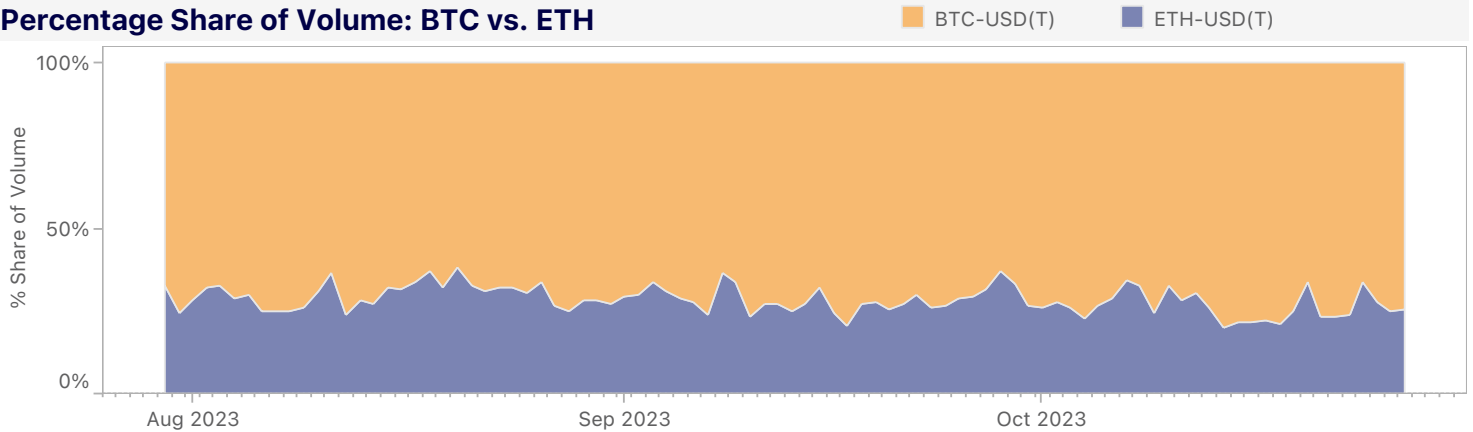
Aggregated Daily Trade Volume



Percentage Share of Volume: USD vs. USDT



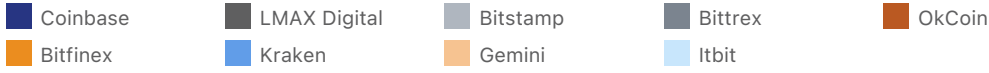
Percentage Share of Volume: BTC vs. ETH



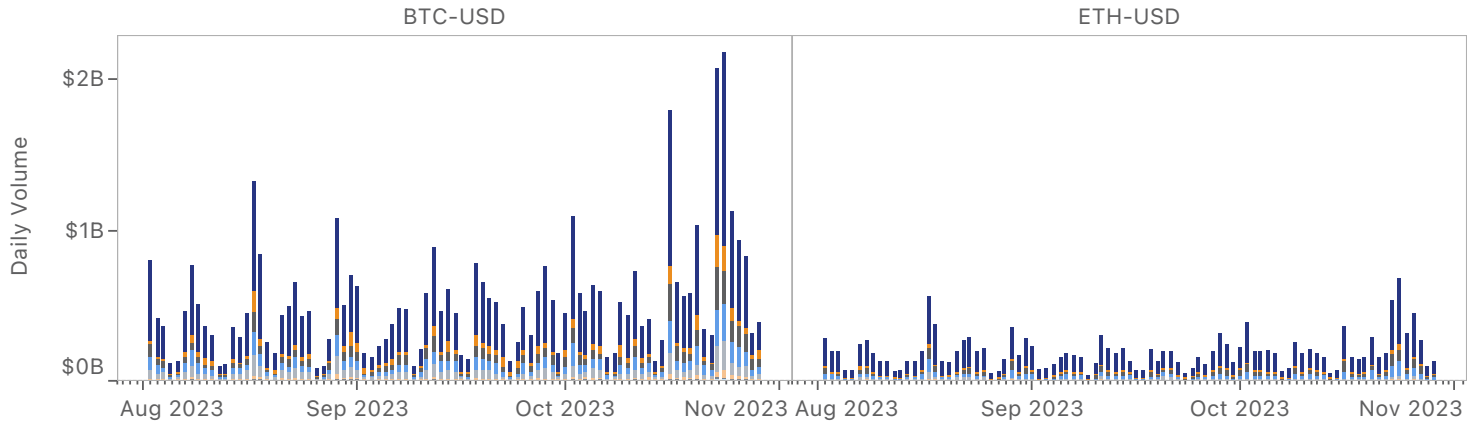
Weekly Percentage Difference in Trade Volume

Exchange	BTC-USD	ETH-USD	BTC-USDT	ETH-USDT
Binance			▼ -8.52%	▼ -36.27%
Binance US	●	●	▲ 4.05%	▼ -13.78%
Bitfinex	▲ 196.16%	▼ -11.47%	▼ -35.81%	▼ -43.19%
Bitstamp	▲ 2.97%	· -60.77%		
Bittrex	▲ 31.76%	▲ 513.82%	▼ -22.67%	▼ -40.36%
Coinbase	▼ -3.01%	▼ -25.69%		
Gemini	▲ 6.51%	▼ -18.59%	· -68.64%	· -53.28%
Huobi			· -32.21%	· -36.73%
Itbit	▼ -8.30%	▼ -31.01%		
Kraken	▲ 14.51%	· -52.62%	▲ 0.16%	· -45.50%
KuCoin			▲ 11.62%	▲ 82.60%
OkCoin	▼ -28.19%	●		
Poloniex			▼ -27.53%	· -54.63%

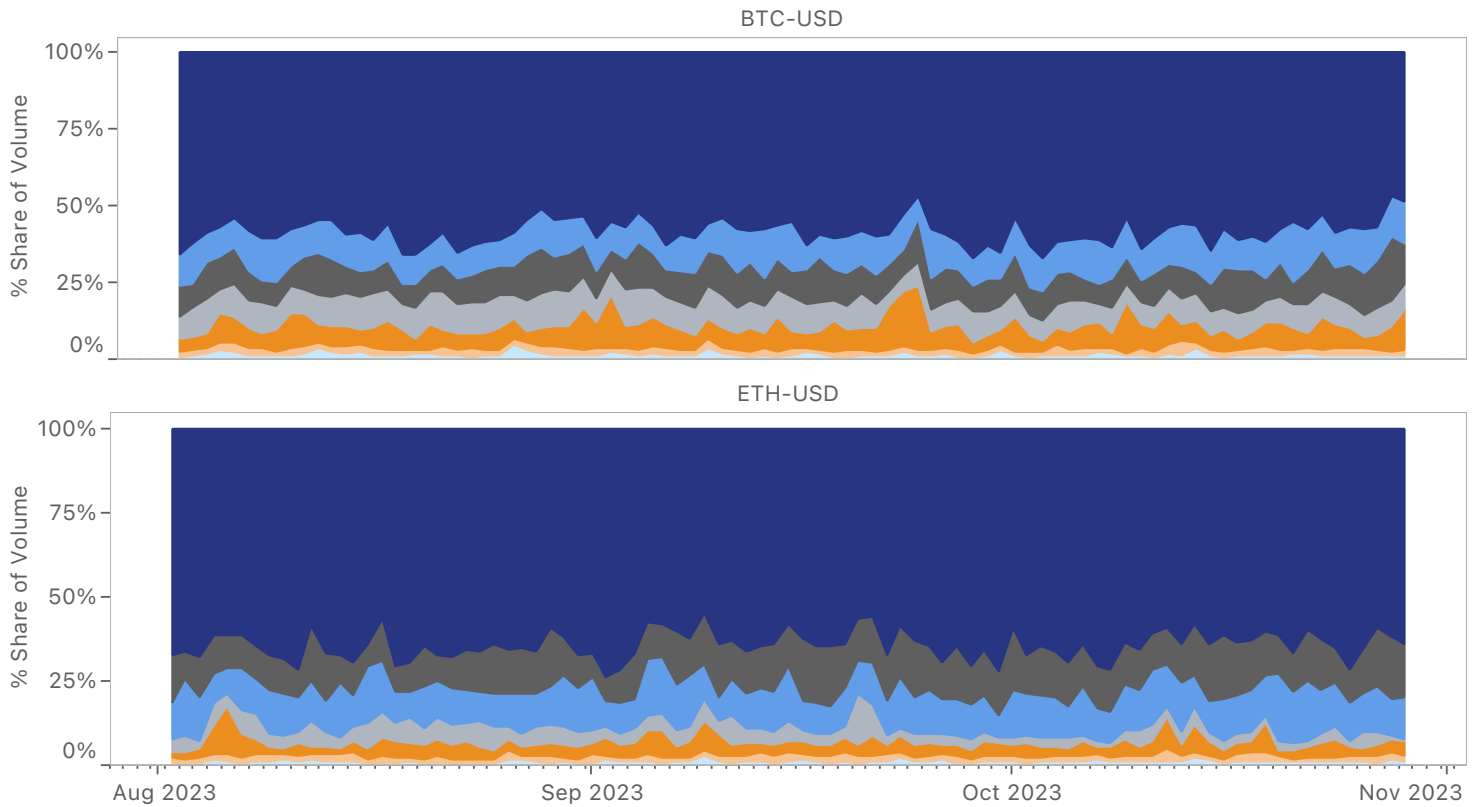
6. Exchange Volume - Fiat Pairs



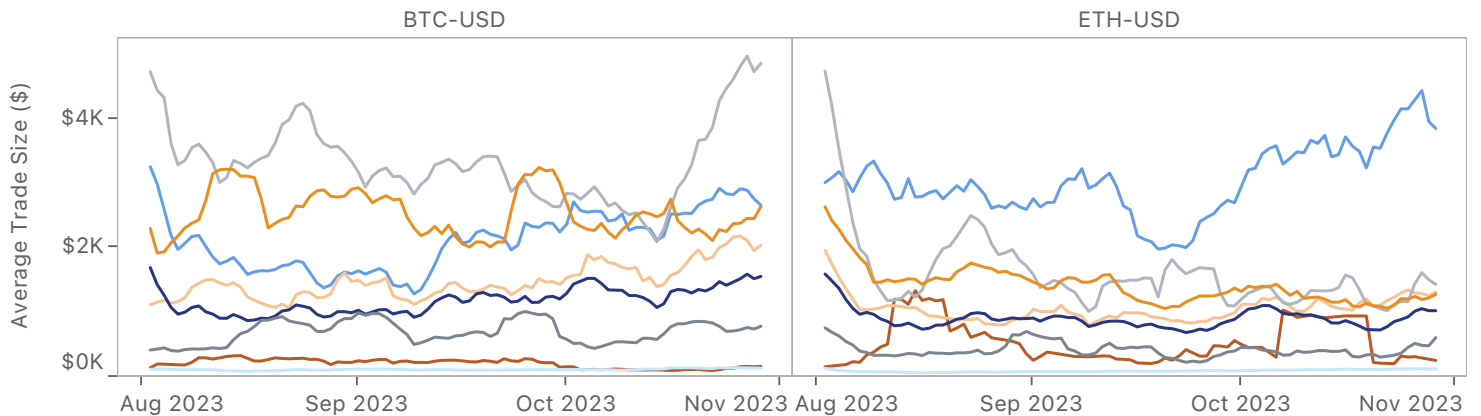
Daily Trade Volume - 90 Days



Percentage Share of Volume



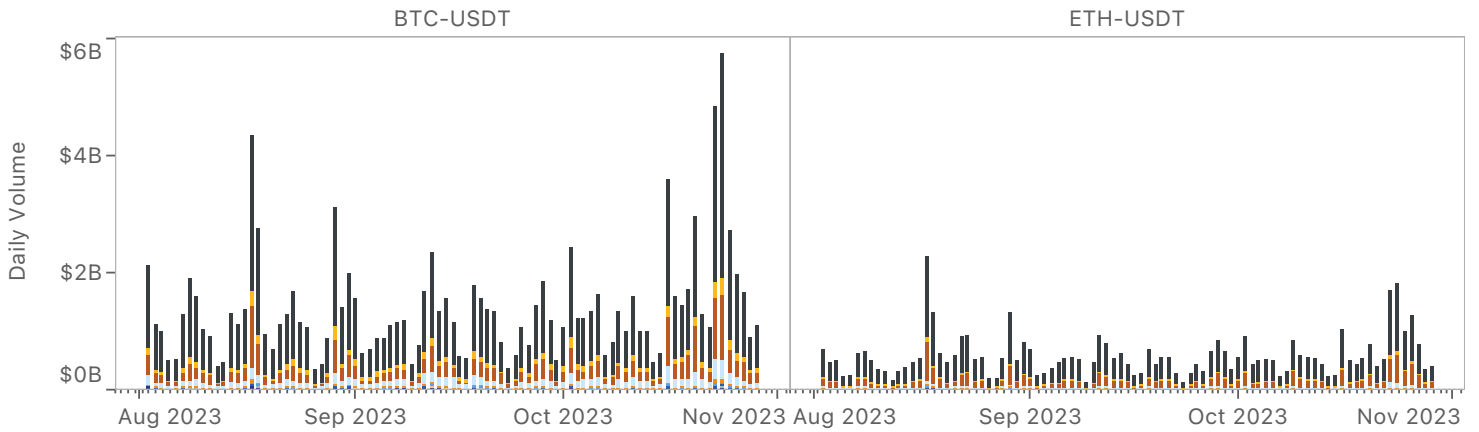
Average Trade Size 7D Moving Average



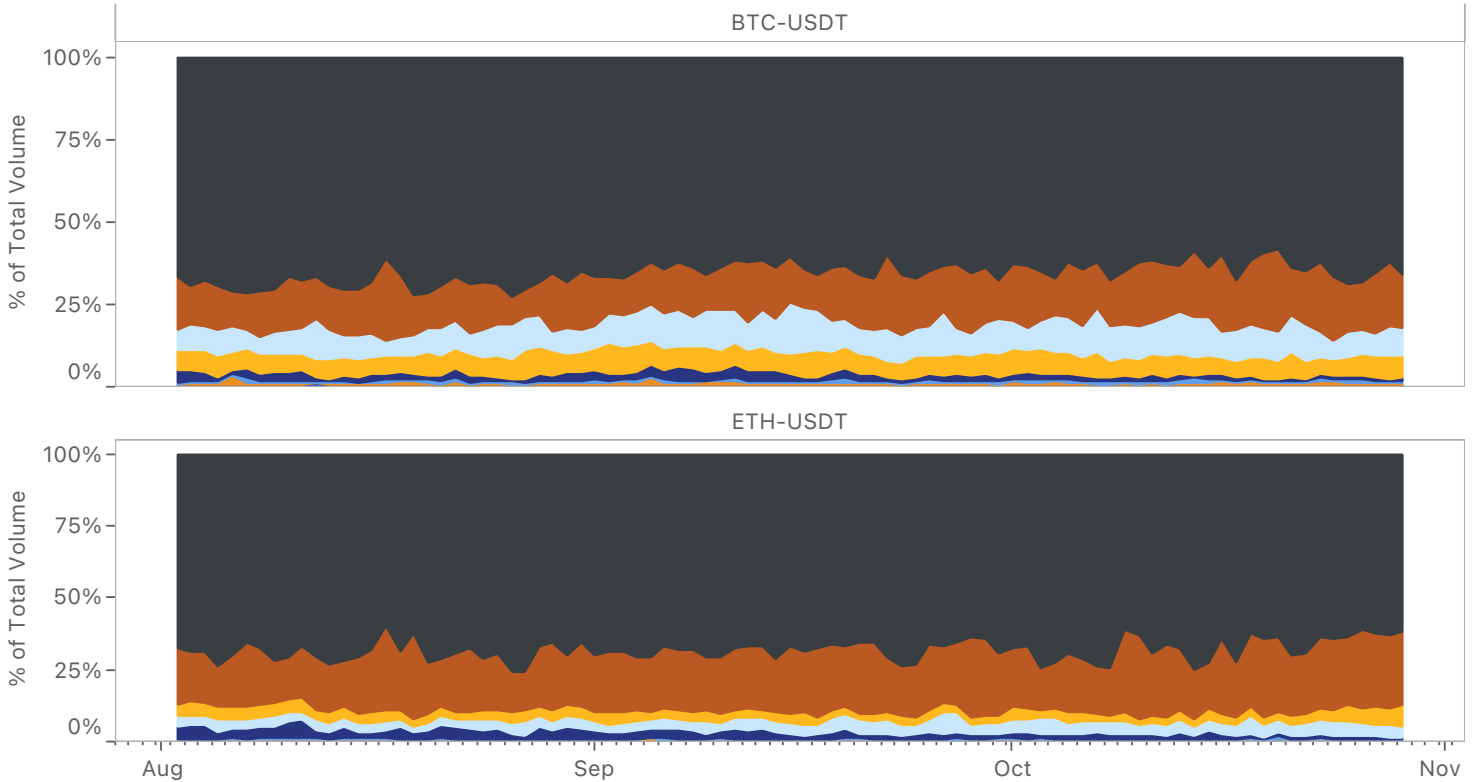
7. Exchange Volume - Tether Pairs

- Binance
- OKX
- Bitfinex
- Binance US
- Gemini
- KuCoin
- Huobi
- Kraken
- Bitstamp
- Coinbase

Daily Trade Volume - 90 Days

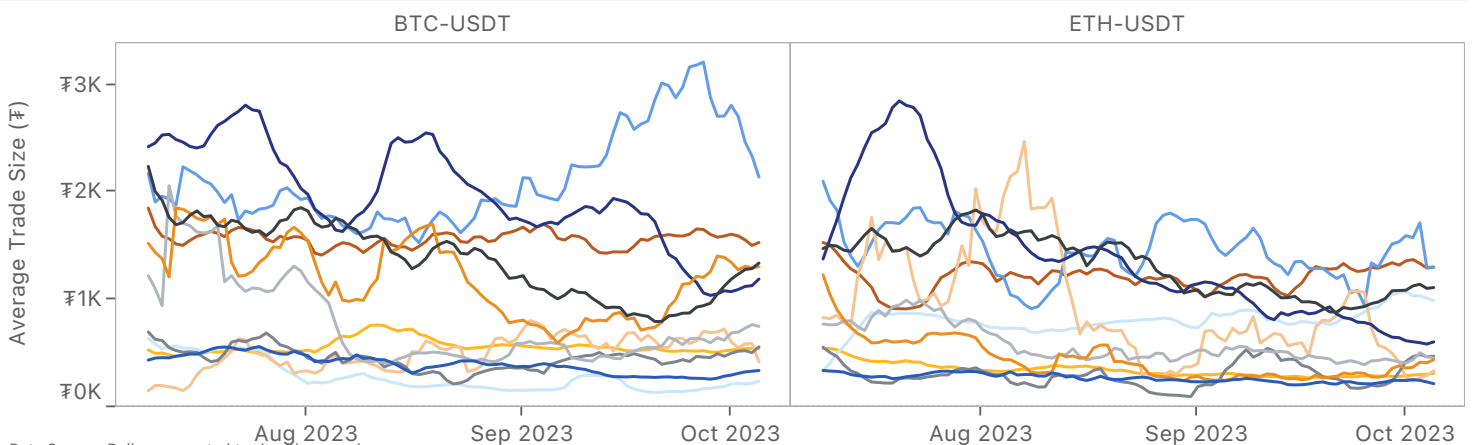


Percentage Share of Volume



Average Trade Size

7D Moving Average



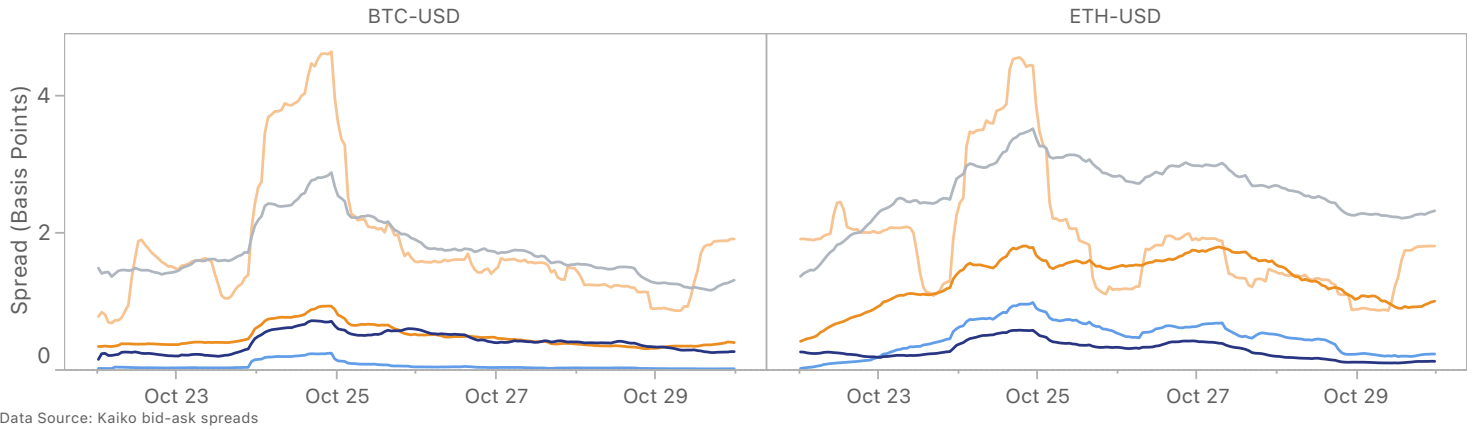
Data Source: Daily aggregated trade volume and count

8. Order Book Liquidity - Fiat Pairs

Coinbase Bitfinex Kraken Bitstamp Gemini

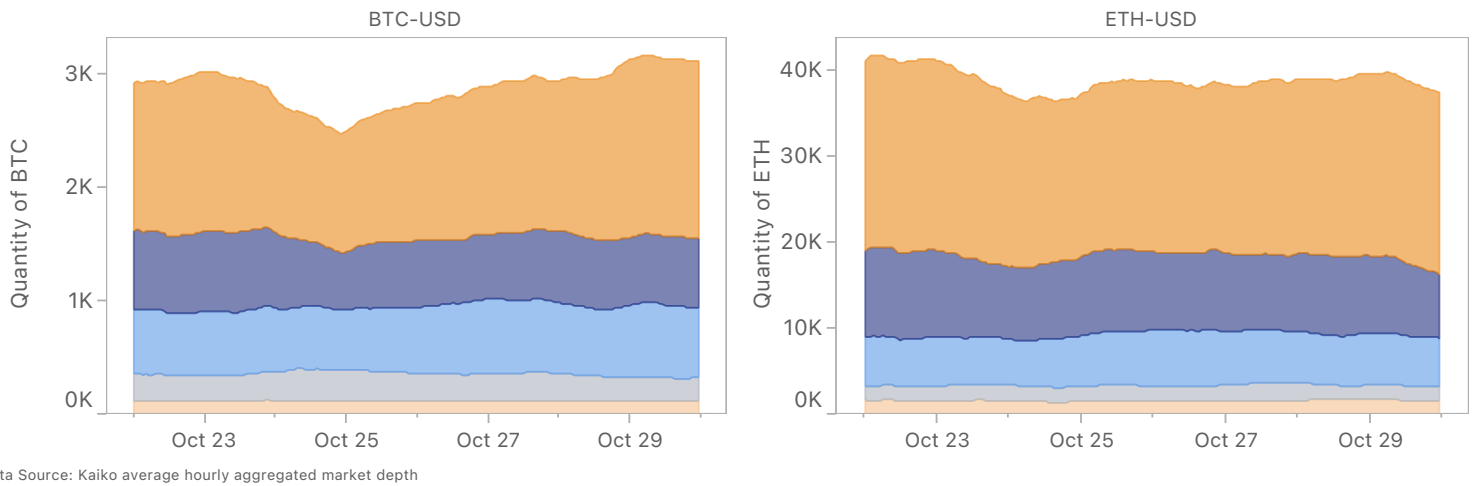
Bid-Ask Spread

The difference between the best ask and the best bid on an asset's order book.



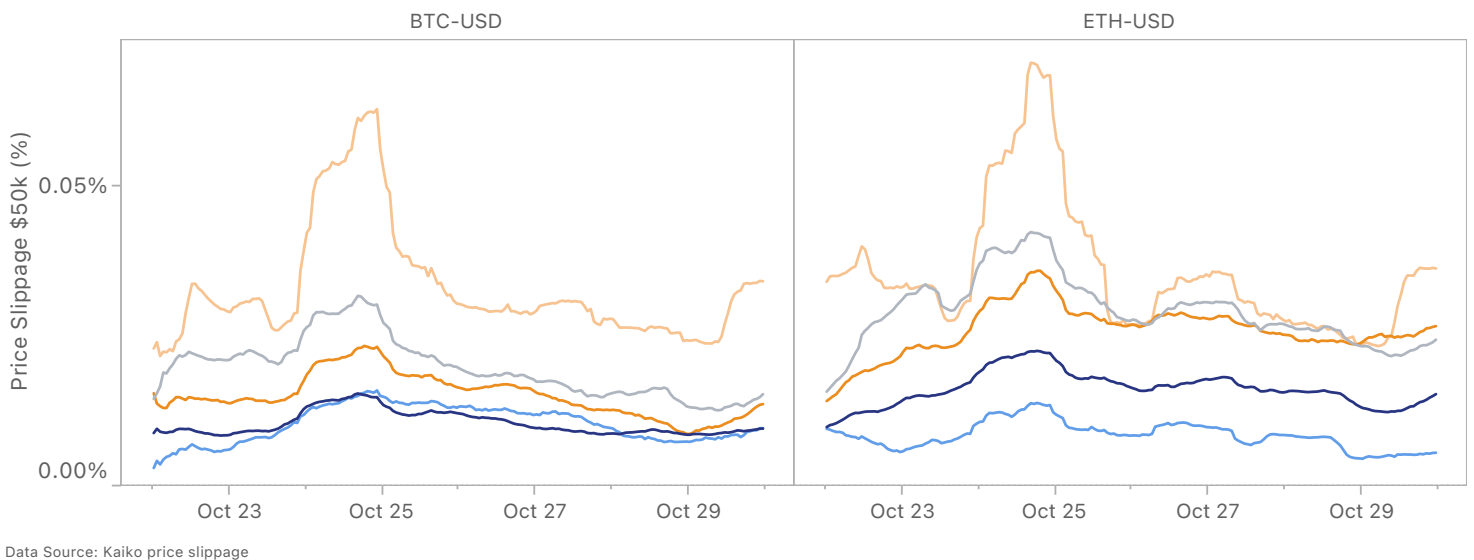
2% Market Depth

The sum of all bids and asks placed within 2% of the midprice on a trading pair's order book.



Price Slippage

The difference between the expected price of a \$50k sell order and the price at which the simulated trade is executed.

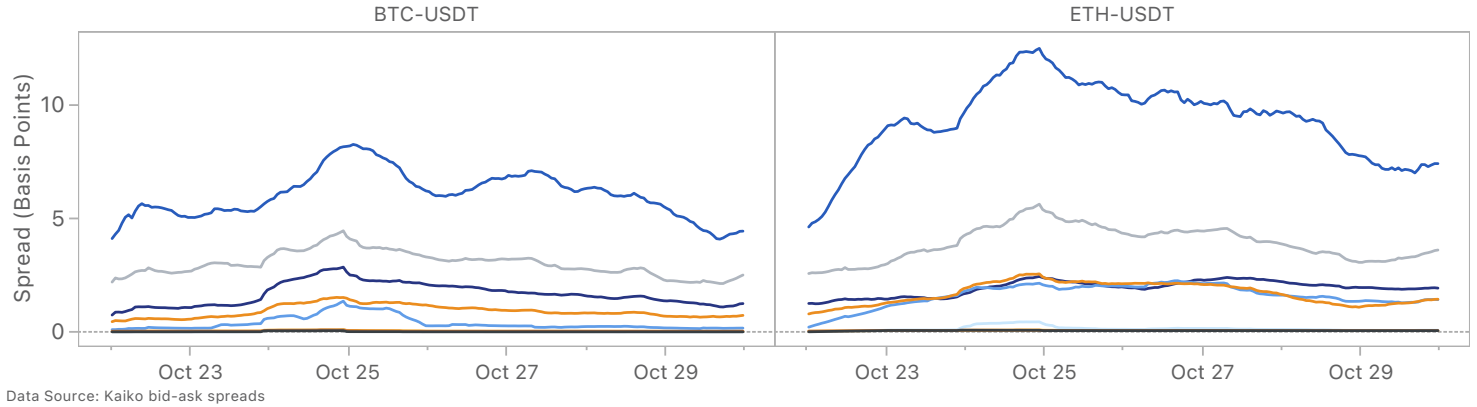


9. Order Book Liquidity - Tether Pairs

■ Binance
 ■ Bitfinex
 ■ OKX
 ■ Huobi
 ■ Kraken
 ■ Kucoin
 ■ Binance ..
 ■ Coinbase
 ■ Bitstamp

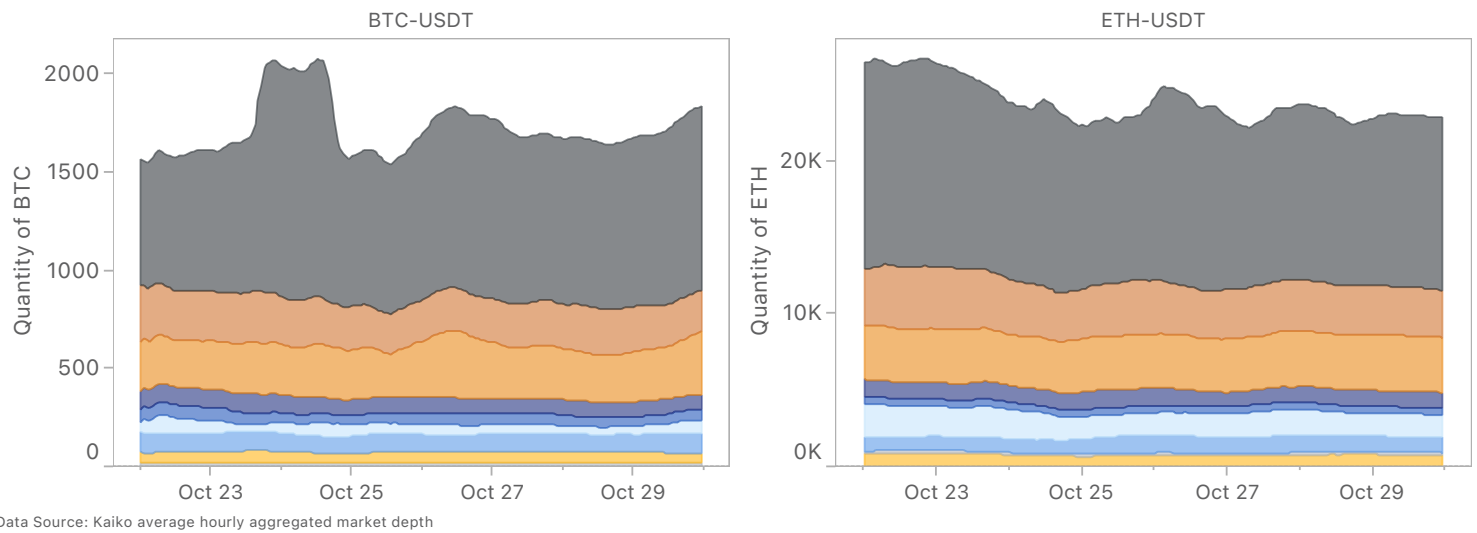
Bid-Ask Spread

The difference between the best ask and the best bid on an asset's order book.



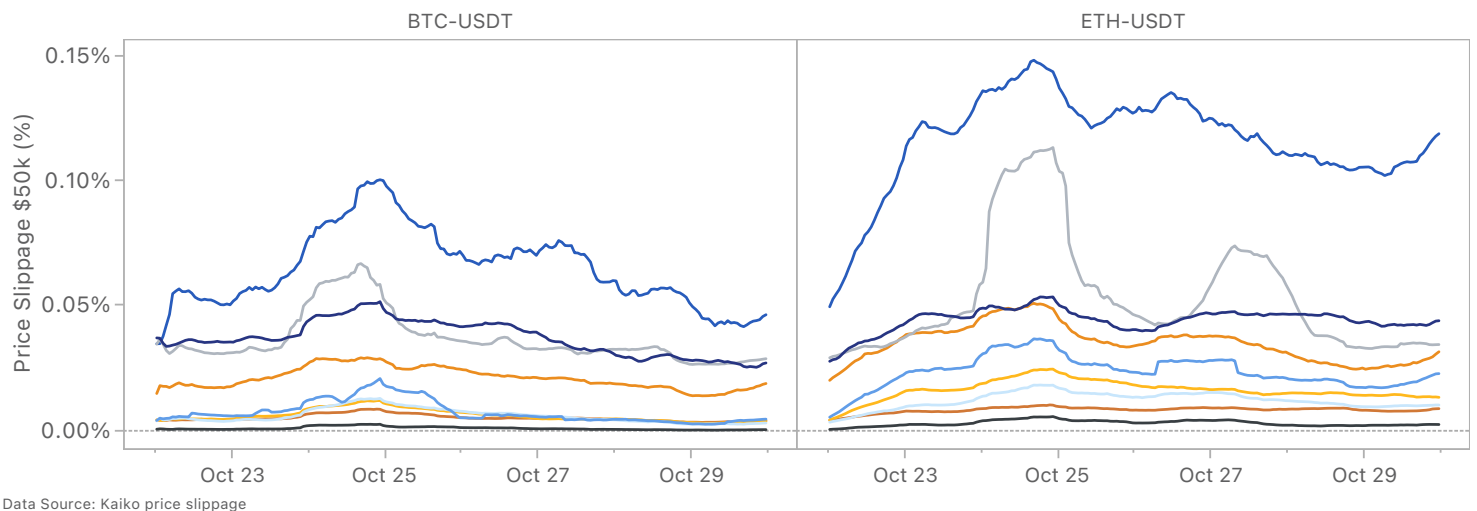
2% Market Depth

The sum of all bids and asks placed within 2% of the midprice on a trading pair's order book.



Price Slippage

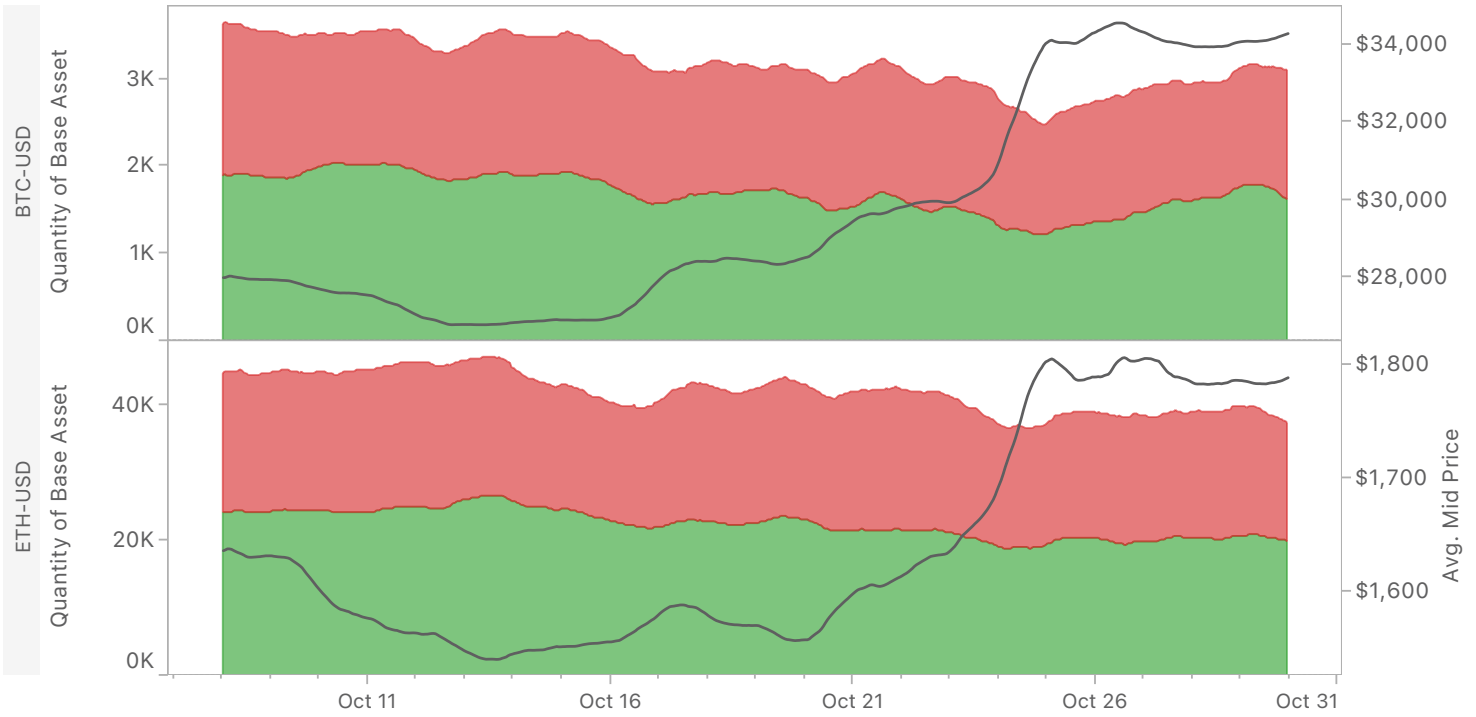
The difference between the expected price of a \$50k sell order and the price at which the trade is executed.



10. Aggregated Order Books

Bid Depth and Ask Depth - USD Markets

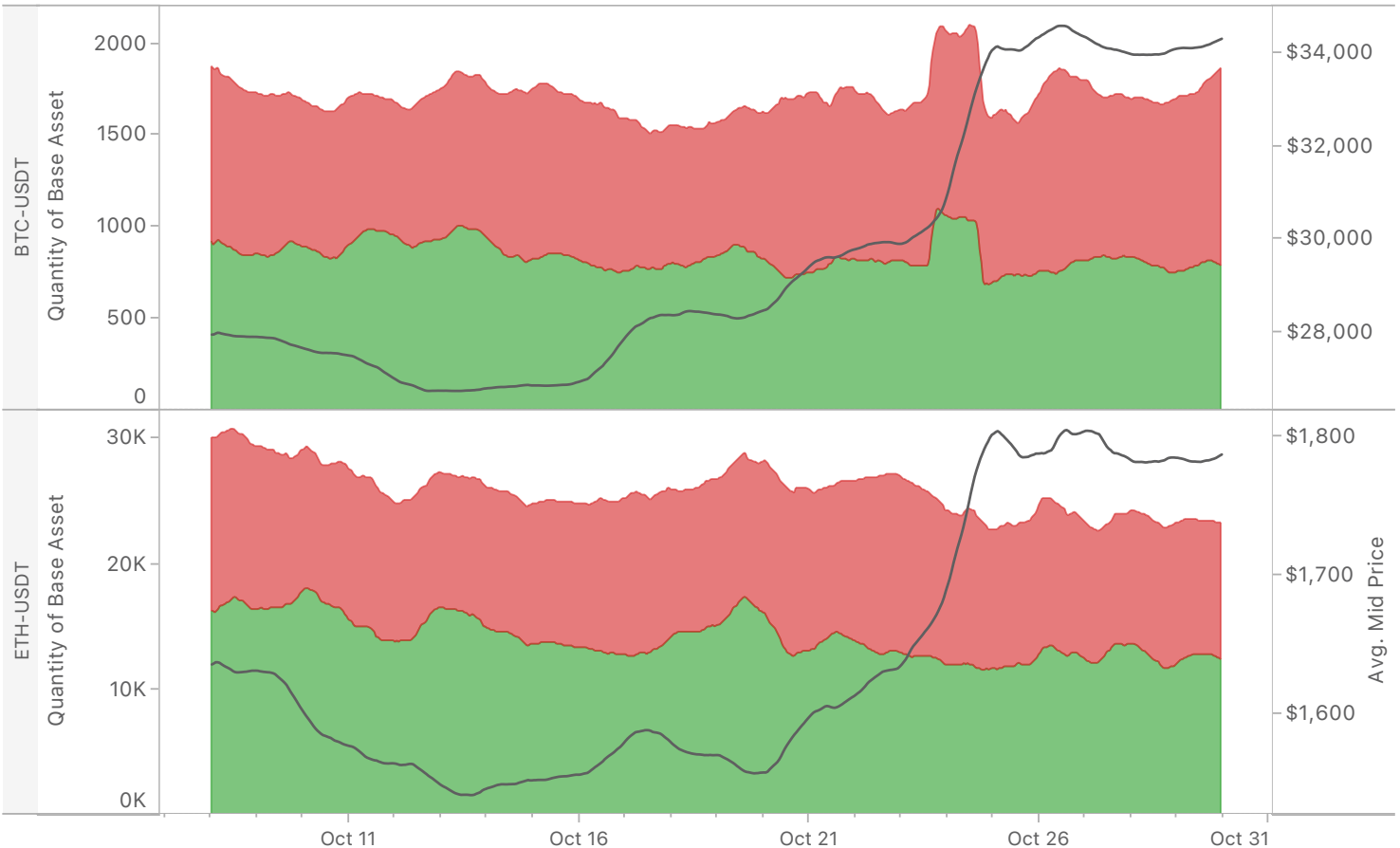
The quantity of bids and asks within 2% of the midprice on BTC-USD order books aggregated across Coinbase, Bitstamp, Kraken, Bitfinex, Itbit, Binance US, and Gemini.



Data Source: Kaiko average hourly aggregated market depth

Bid Depth and Ask Depth - USDT Markets

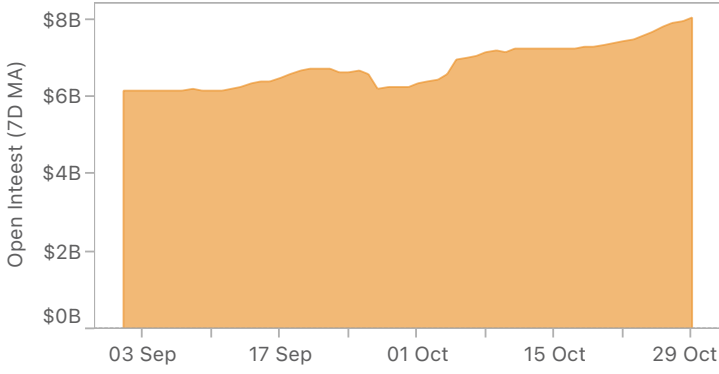
The quantity of all bids and asks within 2% of the midprice aggregated across Binance, Binance.US, Coinbase, Bitstamp, Bitfinex, Kraken, Bittrex, Huobi, OKX and KuCoin.



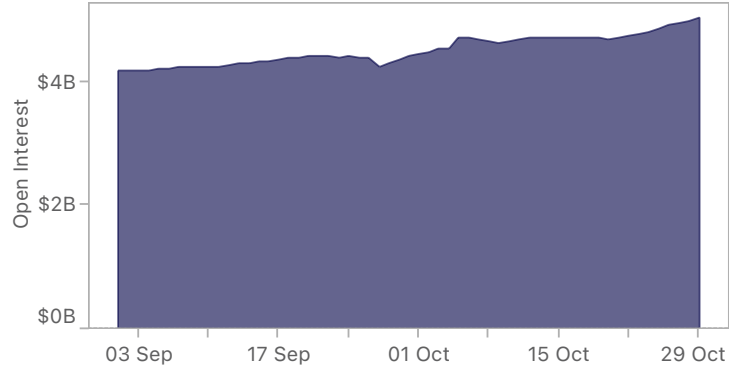
Data Source: Kaiko average hourly aggregated market depth

11. Derivatives

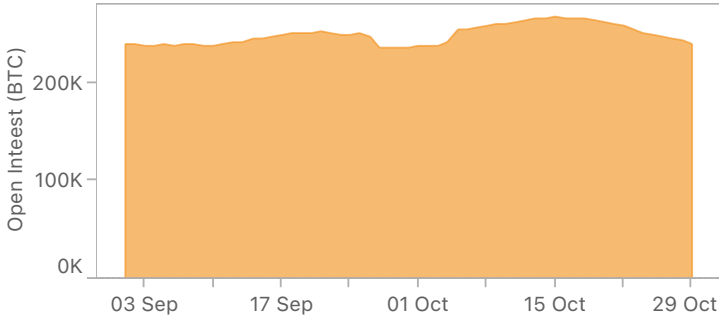
BTC Open Interest (USD)



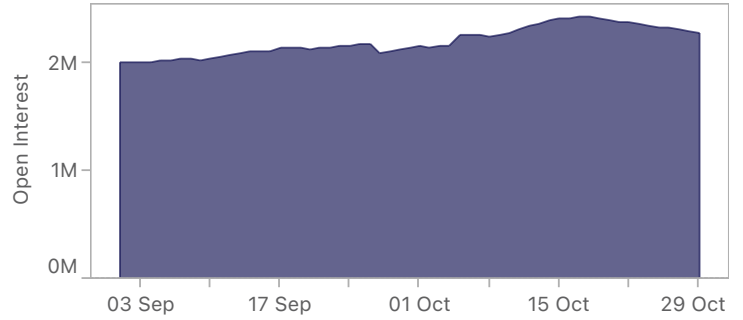
ETH Open Interest (USD)



BTC Open Interest (BTC)



ETH Open Interest (ETH)

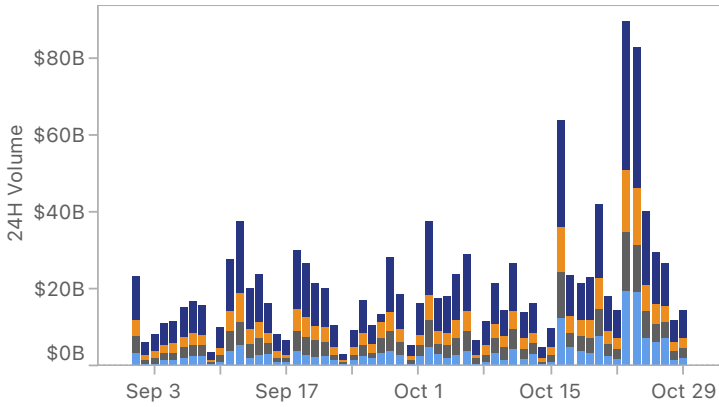


Data Source: Kaiko derivatives data

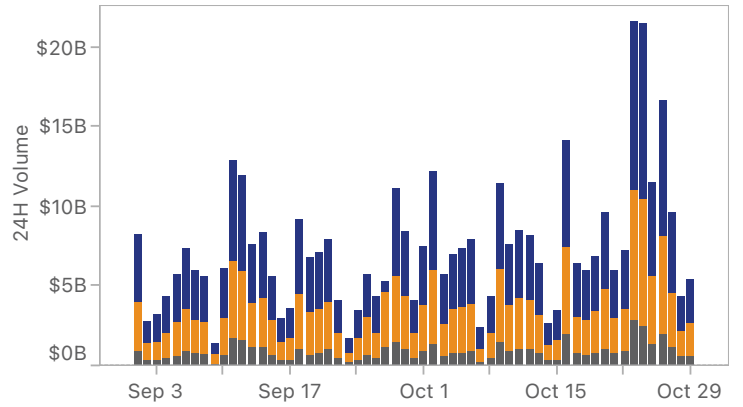
Daily Trade Volume

■ Binance
 ■ OKX
 ■ Bybit
 ■ Deribit

BTC

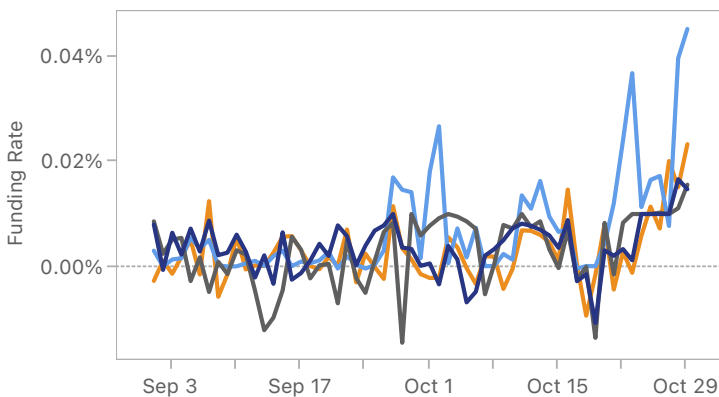


ETH

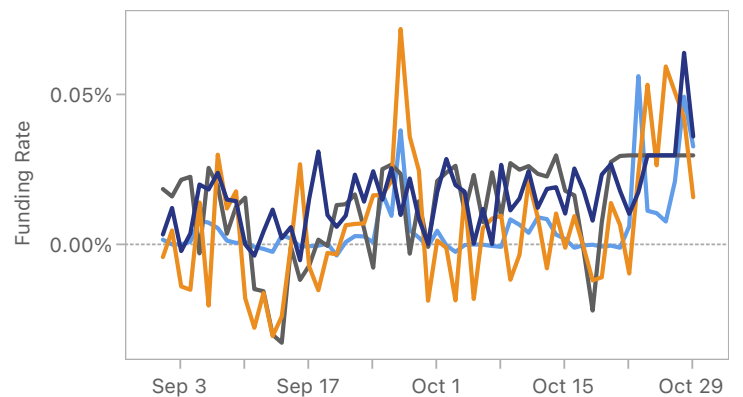


Perpetual Future Funding Rate

BTC



ETH



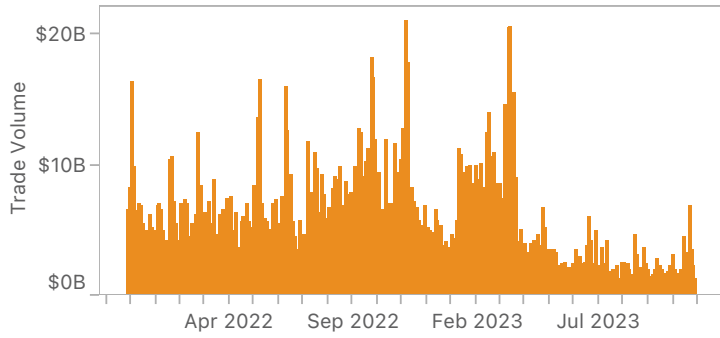
Data Source: Kaiko derivatives data

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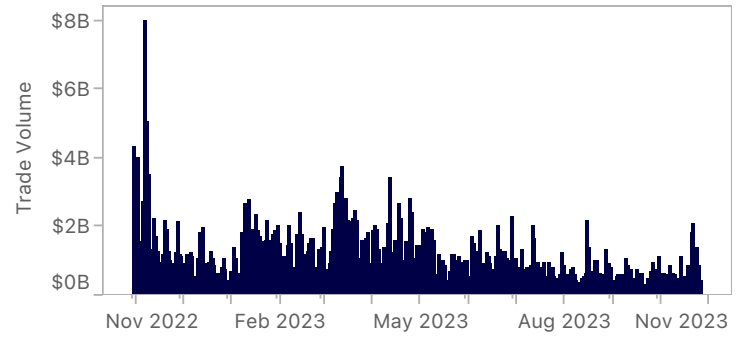
11/14

12. Yearly Summary

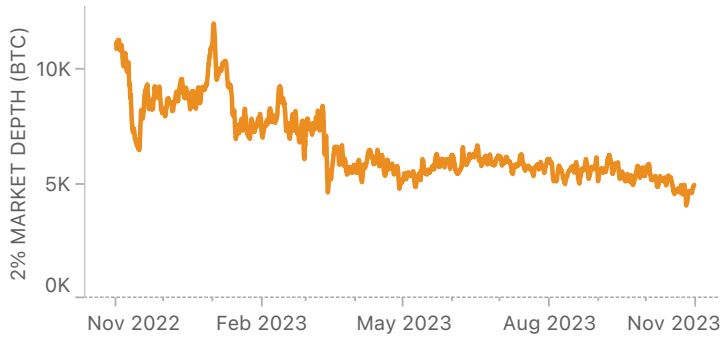
BTC Trade Volume



ETH Trade Volume



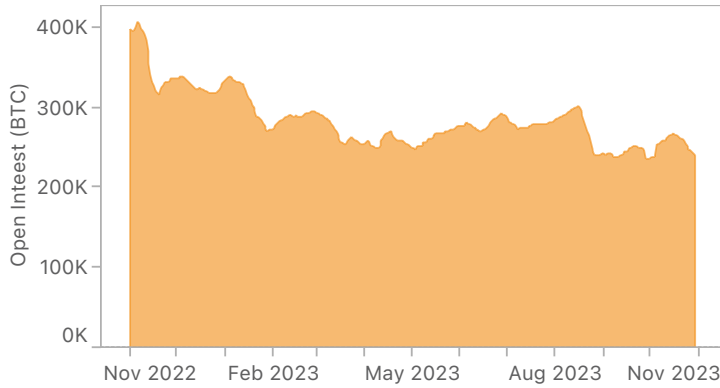
BTC 2% Market Depth



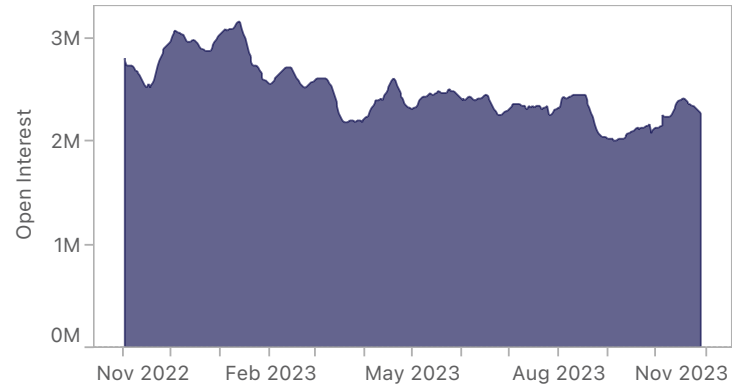
ETH 2% Market Depth



BTC Open Interest



ETH Open Interest



BTC Price



ETH Price

