



EXCHANGE REVIEW

JUNE 2022

About CryptoCompare

CryptoCompare is an FCA authorised and regulated global leader in digital asset data, providing institutional and retail investors with high-quality real-time and historical data. Leveraging its track record of success in data expertise, CryptoCompare's thought-leadership reports and analytics offer objective insights into the digital asset industry.

About This Report

CryptoCompare's Exchange Review aims to capture the key developments within the cryptocurrency exchange market. Our review focuses on analyses that relate to exchange volumes, which include those related to crypto derivatives trading, market segmentation by exchange fee models, and crypto to crypto vs fiat to crypto volumes. We also conduct an analysis of bitcoin trading into various fiats and stablecoins, an additional overview of top crypto exchange rankings by spot trading volume, as well as a focus on how volumes have developed historically for the top trans-fee mining and decentralized exchanges.

CryptoCompare's Exchange Review is conducted on a monthly basis and caters to both the crypto-enthusiast interested in a broad overview of the crypto exchange market, as well as investors, analysts and regulators interested in more specific analyses.

Please note that in certain circumstances, historical figures found in previous monthly reports may be updated in more recent reports to reflect our most up to date database information.

For questions related to our research or any potential requests, feel free to contact our research department at research@cryptocompare.com.

Explore the data on the CryptoCompare API

For those interested in accessing CryptoCompare's data for their own purposes, including cryptocurrency trade data, order book data, blockchain data, social data or historical data across thousands of cryptocurrencies and 200+ exchanges, please take a look at CryptoCompare's API here: <https://min-api.cryptocompare.com>

Disclaimer

Due to the nature of exchange API endpoints and the practice of backfilling data, there may be data discrepancies between this edition and previous reports. The data presented below is correct up to the release date of this report.

Contents

About This Report	1
Key Market Insights	3
Exchange News	4
Definitions	5
Exchange Benchmark Analysis	6
Macro Analysis and Market Segmentation	9
Derivatives	12
CME Institutional Volume and Open Interest	14

Key Market Insights

The cryptocurrency markets failed to recover from Terra's collapse in May as insolvency threats loomed over major crypto lending companies, spreading fear among market participants. Bitcoin and Ethereum closed the month of June at \$19,908 and \$1,070, falling 37.4% and 44.9% respectively. This was their largest monthly drop since February 2014 and March 2018. Total spot and derivatives volumes across centralised exchanges declined from the highs reached in May, falling 15.2% to \$4.16tn, the lowest figure recorded since January 2021.

Spot and Derivatives Trading Volumes Fall to Record Lows

In June, spot trading volumes across all centralised crypto exchanges fell 27.5% to \$1.41tn, the lowest figure recorded since December 2020. Meanwhile, derivatives trading volume, which represents 66.1% of the market, fell 7.01% to \$2.75tn. This was the lowest derivatives volume recorded since July 2021.

Derivatives volume on major exchanges, such as Binance, OKX, and FTX, declined in June, falling 6.35%, 11.2%, and 11.5% to \$1.56tn, \$458bn, and \$281bn respectively. Spot trading volumes on major exchanges also experienced a significant fall, with Binance, FTX, and Coinbase dropping 25.2%, 19.9% and 25.8% to \$398bn, \$71.6bn and \$59.1bn respectively.

BTC Volume Traded into Stablecoin Jumps

BTC spot trading into stablecoins continued to rise in June as investors remained cautious amid fears of a liquidity crisis striking crypto lending companies. BTC trading into USDT rose 24.3% to 6.67mn BTC, this was the dominant stablecoin/fiat pair with a market share of 67.2%. USDC regained its position as the second-largest stablecoin, rising 41.8% to 306k BTC traded. On the other hand, TrueUSD experienced a significant fall of 67.2% to 86.1k BTC traded.

Fiat currencies failed to show similar strength as BTC spot trading to USD remained at similar levels, rising 0.37% to 1.44mn BTC. The Japanese Yen (JPY) and Australian Dollar (AUD) followed USD, trading 387k BTC and 289k BTC with a rise of 17.8% and 2.50% respectively.

CME's Open Interest Figures Hit New Lows

CME's monthly futures volumes across BTC and ETH experienced a decline in June, indicating a fall in speculative activity. BTC futures contracts in CME recorded the lowest volume traded since July 2021 with a volume of \$29.3bn. Meanwhile, ETH futures contract volumes decreased 21.1% to \$11.3bn. The declining price of the assets meant 253,579 BTC contracts were traded, the highest level since February 2021. An all-time high of 177,117 ETH contracts were also traded in June.

The average open interest figures for BTC and ETH continued to decline, falling 15.3% and 34.2% to \$1.50bn and \$243mn respectively. This was the lowest figure recorded for the CME BTC futures open interest since July 2021, while the ETH futures open interest recorded its lowest since March 2021. This reflects the cautiousness of investors and traders after a gloom-ridden first half of the year.

June Exchange News

COMPANY	STORY	DATE
Binance	Binance Labs Closes \$500M Investment Fund to Boost Blockchain, Web3, and Value-Building Technologies	June 1
Binance	Binance Labs Makes Strategic Investment in PancakeSwap	June 6
Bybit	Introducing Copy Trading: Copy Trades Effortlessly	June 14
FTX US	FTX Unit Buys Stock-Clearing Platform Embed to Expand Equity Trading Infrastructure	June 21
Coinbase	Hello Advanced Trade, goodbye Coinbase Pro	June 22
Gemini	Gemini Users Can Now Trade Gemini Dollar (GUSD) with British Pounds (GBP)	June 22
Binance	Cristiano Ronaldo and Binance Team Up For a Legendary NFT Partnership	June 23
Coinbase	Send and receive crypto on multiple networks, starting with Polygon and Solana	June 23
Coinbase	Coinbase Derivatives Exchange to make nano bitcoin futures available through leading brokers	June 24
Kraken	Earn up to 14% in Yearly Rewards When You Stake Your MATIC	June 29
Bybit	Introducing: Over-the-Counter (OTC) Lending 2.0	June 30

Definitions

Metric	Definition
Top Tier Exchanges	Top Tier Exchanges refers to those that have scored Grade B and above in CryptoCompare's biannual Exchange Benchmark.
Lower Tier Exchanges	Lower Tier Exchanges refers to those that have scored Grade C and below in CryptoCompare's biannual Exchange Benchmark.
Spot Volumes	Volumes of trade where the financial assets are purchased or sold for immediate delivery.
Derivatives Volumes	Volumes of trade where the contract between two parties which derives its value or price from an underlying asset is purchased or sold.
Futures Contracts	Derivatives contracts that oblige parties to trade an asset at a predetermined price and date.
Options Contracts	Derivatives contracts that give the holder the right, but not the obligation, to trade an asset by a certain date at a specified price.
Open Interest	Number of outstanding derivative contracts that have not been settled for an asset.

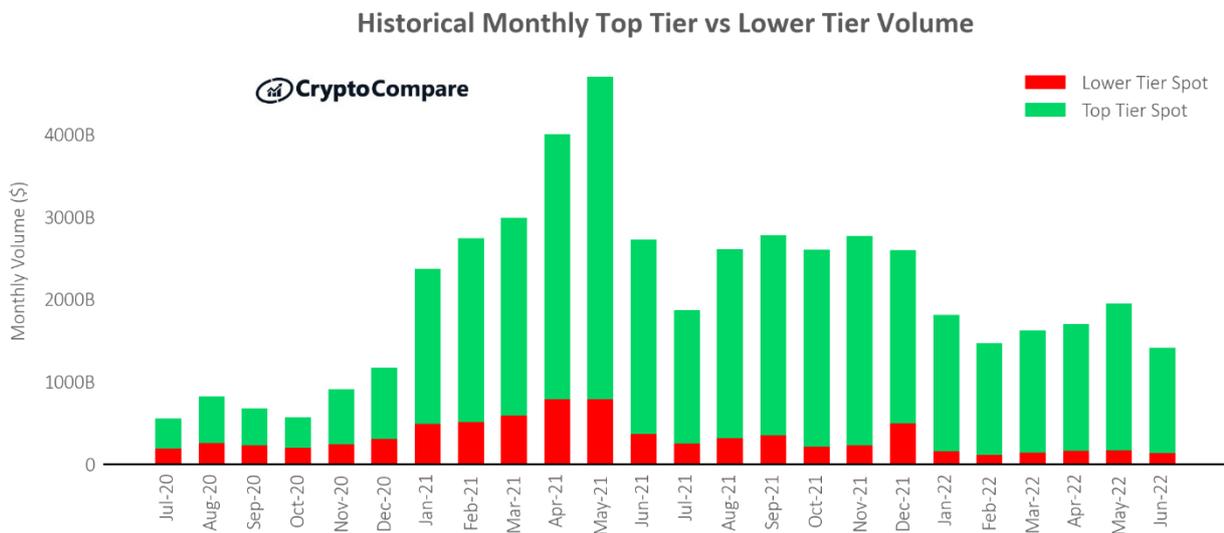
Exchange Benchmark Analysis

CryptoCompare’s biannual Exchange Benchmark aims to serve investors, regulators and industry participants by scoring and ranking exchanges on the basis of their operational transparency, security, operational quality, regulatory standing, data provision, management team, and ability to monitor trades and illicit activity effectively. Rather than focussing on bad actors, we instead choose to highlight those that behave in a manner conducive to maintaining efficient and fair markets, ensuring greater safety of investors.

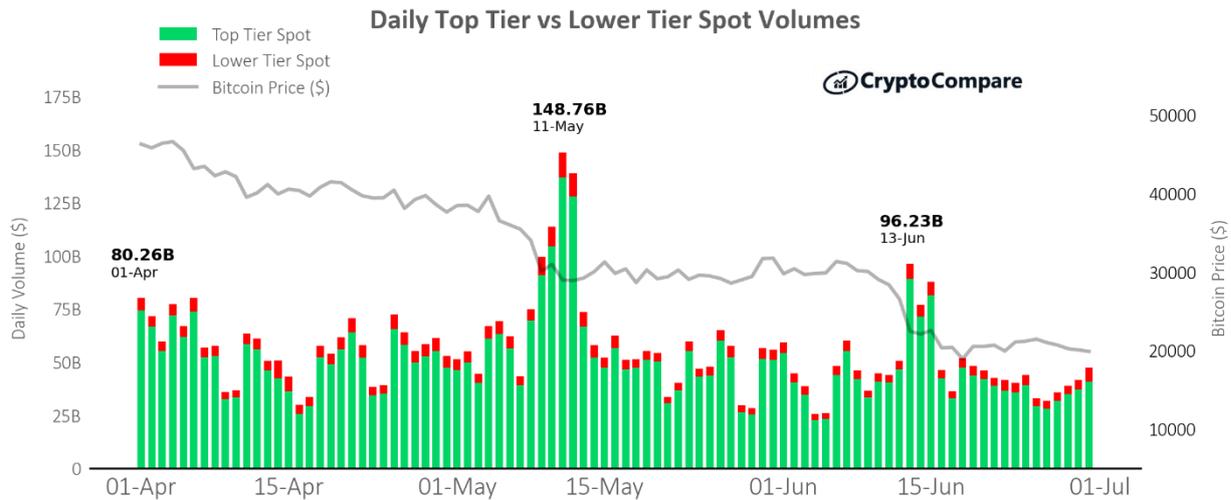
We hence refer to the notion of “Top-Tier” vs “Lower-Tier” volumes and exchanges, as explained in greater detail in the Exchange Benchmark Report methodology.

Explore the Exchange Benchmark [here](#)

In this report, we assess exchange activity via the above segmentation, particularly for spot markets. Apart from this, we study the market segmentation between different exchanges and assets, derivatives, and dive deeper into CME data, one of the largest derivatives exchanges across multiple asset classes.



In June, Top-Tier spot volumes decreased 28.0% to \$1.28tn and Lower-Tier spot volumes decreased 22.2% to \$130bn. Top-Tier exchanges now represent 90.8% of total spot volume.

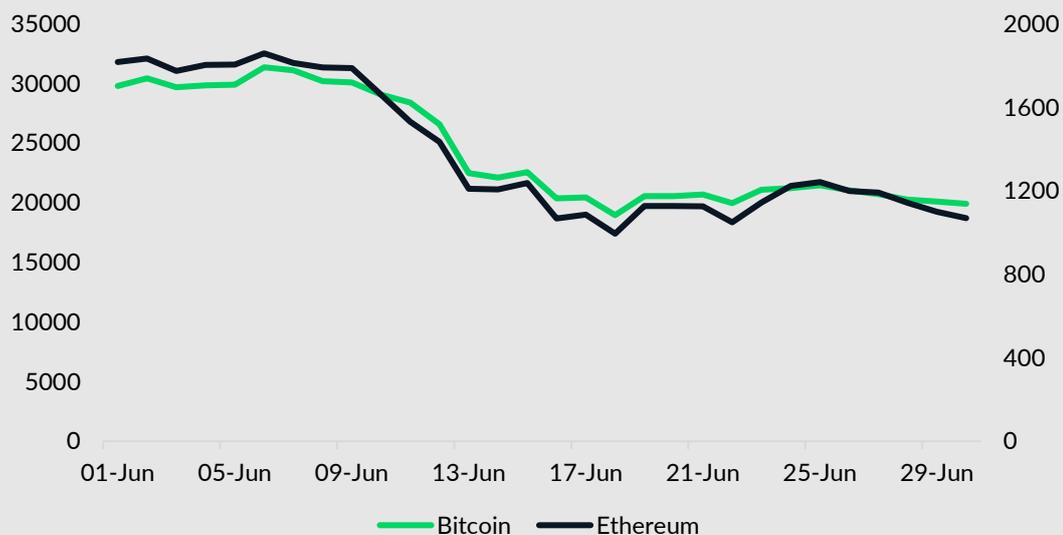


Trading activity across spot markets declined compared to the previous month as cryptocurrency prices continued to trend downward after the collapse of major crypto lending companies. A daily volume maximum of \$96.2bn was traded on the 13th of June, down 35.3% from the intra-month high in May.

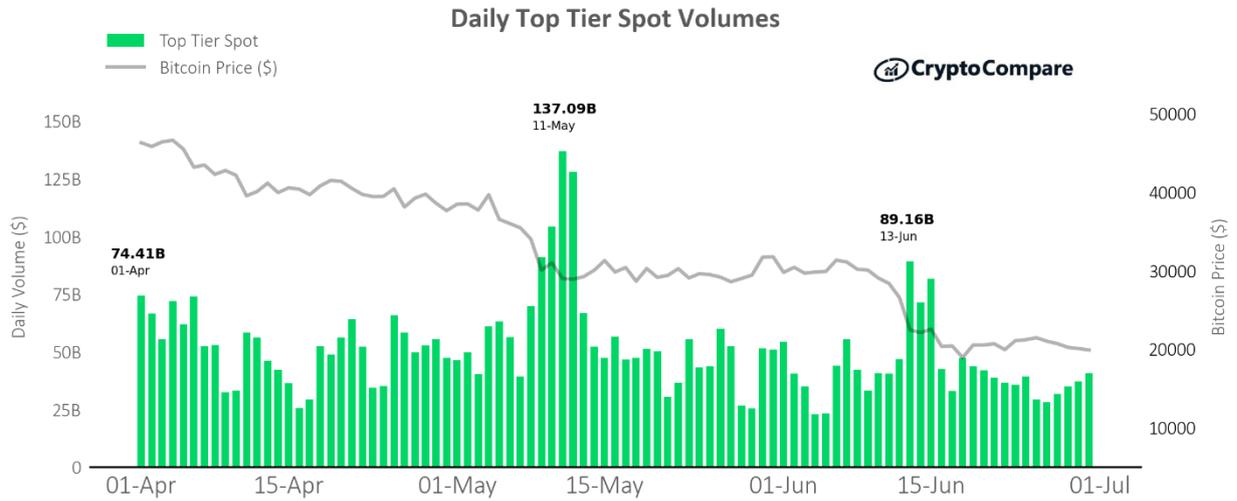
Failure of Crypto FinTech Products Adds More Panic in June

The cryptocurrency market failed to recover from the collapse of TerraUSD and LUNA last month as liquidation threats loomed over major FinTech products. Celsius Network, a leading crypto lending protocol, paused all withdrawals, swaps, and transfers between accounts on June 13th, citing extreme market conditions. This resulted in a liquidity crisis for the firm. Four days later, Babel Finance, a Hong-Kong based crypto lender, also suspended user withdrawals. Other lending platforms, including BlockFi and Voyager Digital, resorted to securing bailouts from crypto-trading platform FTX, receiving a \$250mn and \$485mn loan respectively. These events have translated to further negative price action with Bitcoin and Ethereum falling 37.4% and 44.9%, recording their largest monthly drop since February 2014, and March 2018 respectively.

Price Action of Bitcoin and Ether in June



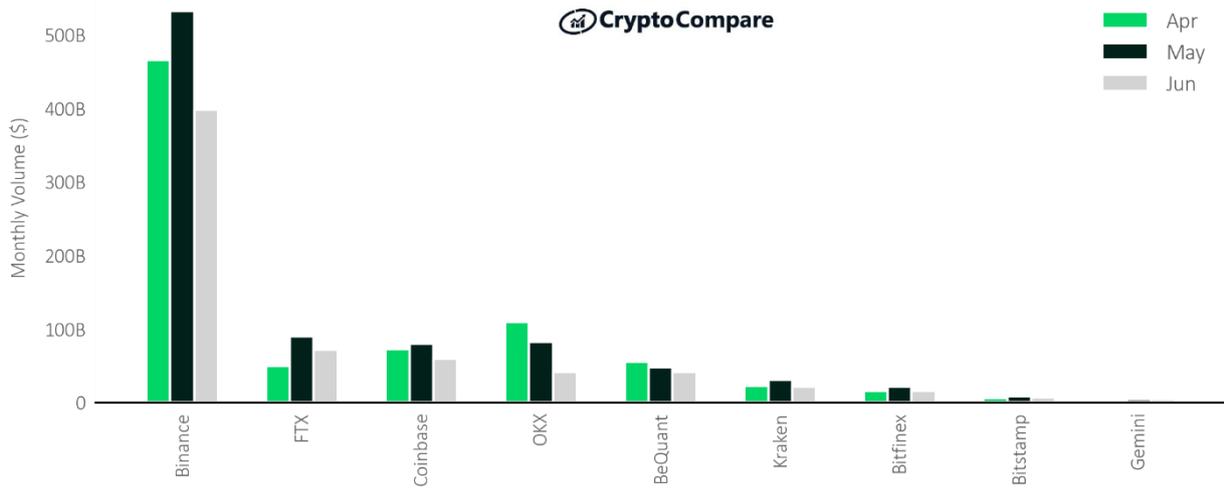
Top-Tier exchanges traded a maximum daily volume of \$89.2bn on the 13th of June, down 34.9% from May. Top-Tier exchanges are selected based on our rigorous [Exchange Benchmark Methodology](#).



Macro Analysis and Market Segmentation

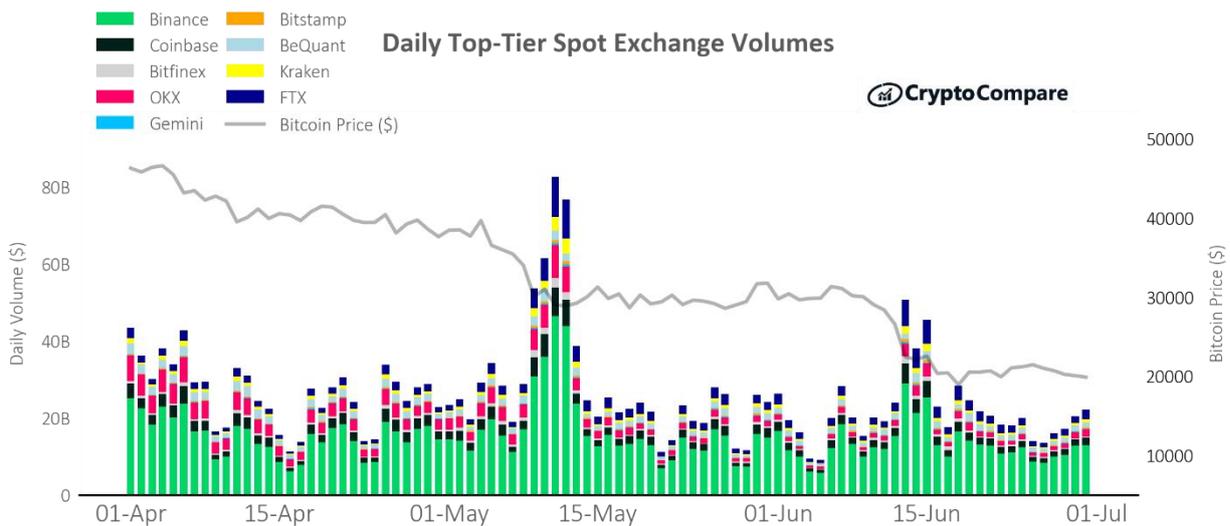
In June, spot volume from the 15 largest Top-Tier exchanges decreased 23.5% compared to May, with spot volumes totalling \$800bn.

Historical Monthly Top-Tier Spot Volume - 3 Months



Considering individual exchanges, Binance (Grade AA) was the largest Top-Tier spot exchange by volume in June, trading \$398bn (down 25.2%). This was followed by FTX (Grade A) trading \$71.6bn (down 19.9%) and Coinbase (Grade AA) trading \$59.1bn (down 25.8%).

AAX (Grade BB) and OKX (Grade BB) followed, trading \$45.2bn (up 11.9%) and \$41.3bn (down 49.7%) respectively.



Binance (AA), FTX (A) and Coinbase (AA) were the top players in terms of spot volume in June relative to other Top-Tier exchanges. Among the largest 15 Top-Tier exchanges by volume, they represented approximately 66.1% of total volume (vs 67.1% in May).

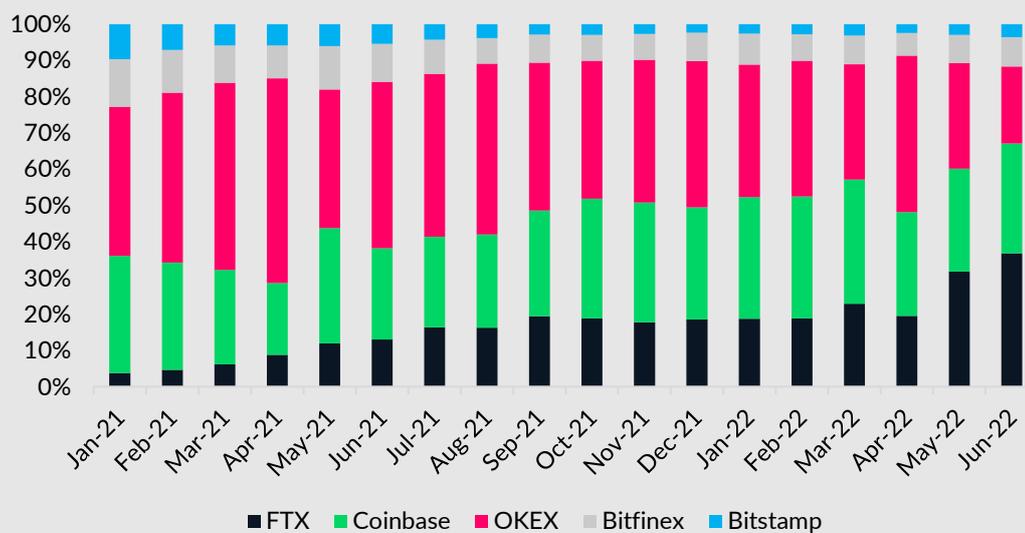
FTX Continues To Rise

Over the last couple of months, FTX has seen a significant rise in spot trading volume. Binance remains the dominant exchange with a market share of 49.7%. However, in comparison to its other competitors – Coinbase, OKX, Bitfinex and Bitstamp – Excluding Binance, FTX has become the leader in trading volume for two consecutive months (since May). Its market share among the five has risen to 36.8% in June from 18.7% at the start of the year.

FTX have very low maker/ taker fees compared to its competitors (FTX 0.02% | 0.07%, Coinbase 0.10% | 0.20%, Binance 0.10% | 0.10%), attracting traders and investors. Moreover, its CEO and founder, Sam Bankman-Fried, has become a hugely popular and influential figure among the crypto community. FTX has played an active role in limiting the contagion effect of the crypto lending products by providing bailouts to BlockFi and Voyager Digital.

The trading volume on FTX in June was also helped by Celsius Network unwinding [WBTC and ETH position](#) on the exchange to help with their liquidity crunch.

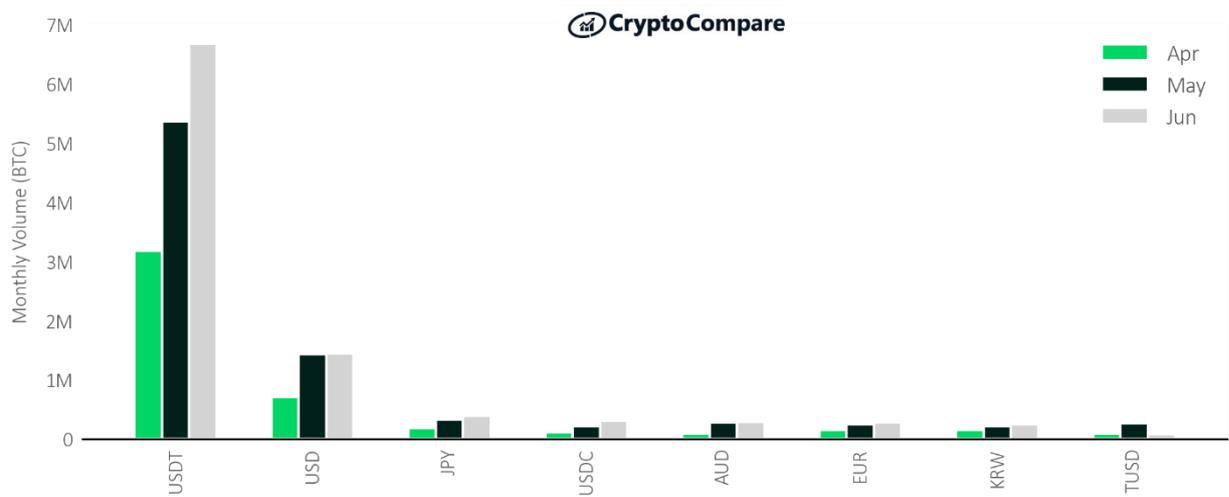
Rise of FTX's Market Share Against Competitors*



*Excludes Binance

Bitcoin to Fiat Volumes

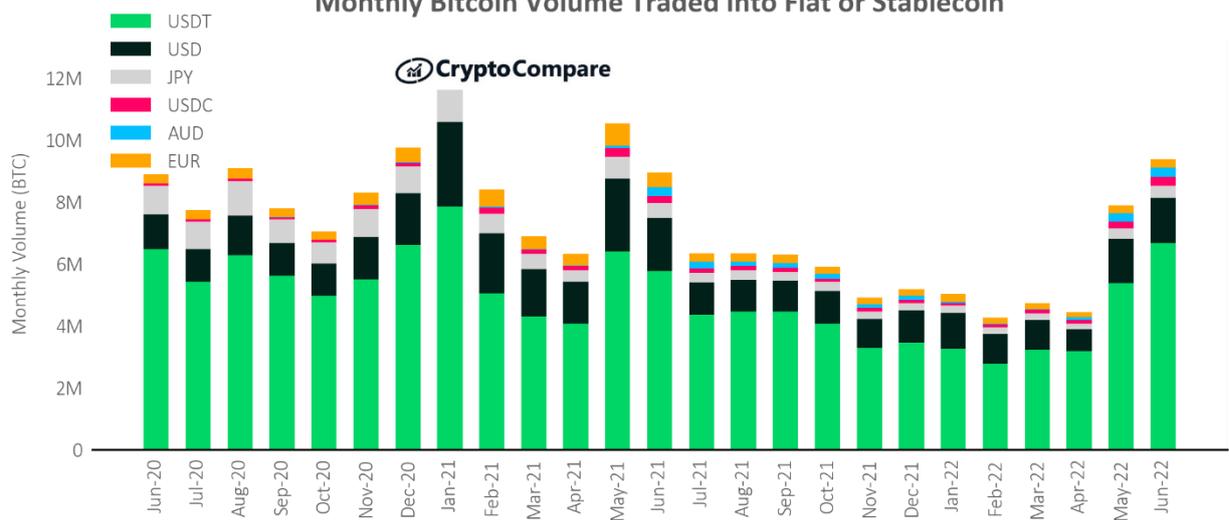
Monthly Bitcoin Volume Traded into Fiat or Stablecoin - 3 Months



BTC spot trading into USDT increased 24.3% in June to 6.67mn BTC as investors continued to prefer the safety of stablecoin assets following the current downward trend in price action. BTC spot trading into USD remained similar to last month, increasing 0.37% to 1.44mn BTC. BTC trading into Japanese Yen (JPY) and USDC, however, saw significant rises of 17.8% and 41.8% to 387k and 306k BTC respectively.

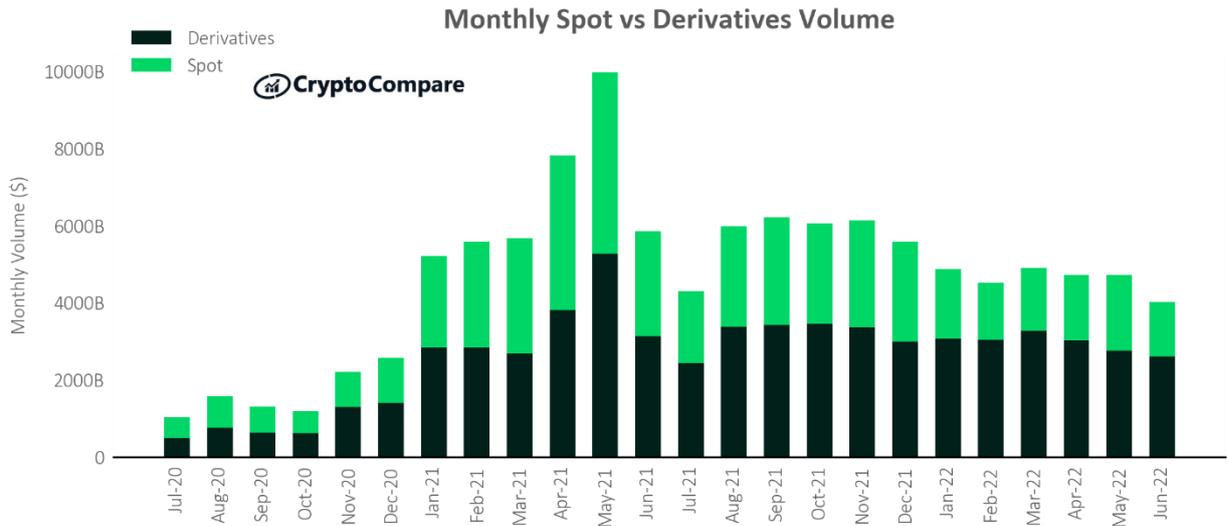
USDC regained its position as the second-largest stablecoin market after TrueUSD experienced a significant fall of 67.2% to 86.1k BTC in June.

Monthly Bitcoin Volume Traded into Fiat or Stablecoin

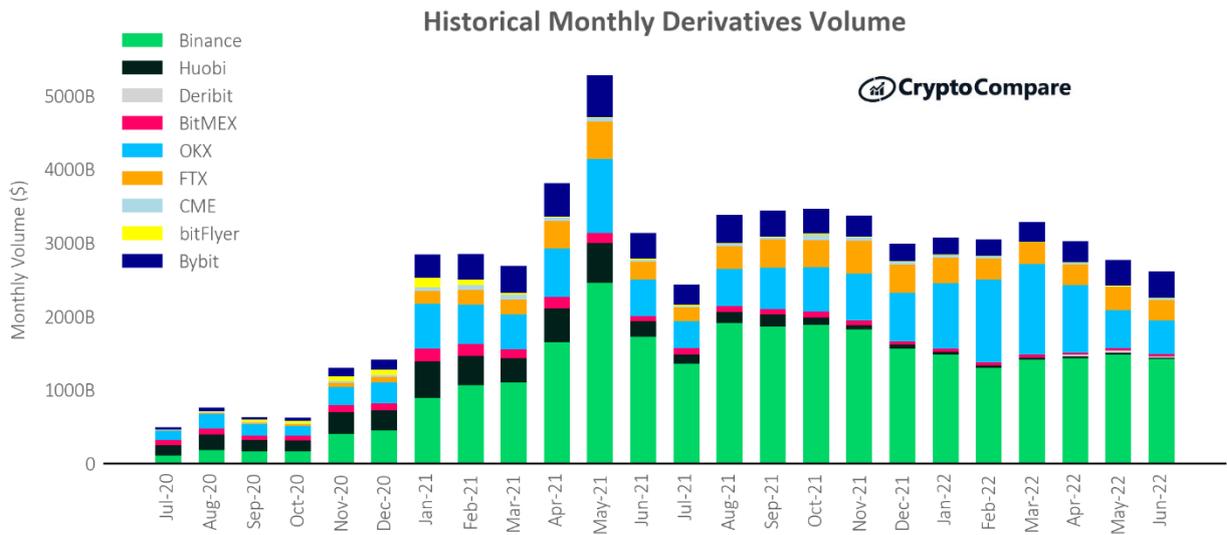


In June, BTC/USDT trading continues to represent the majority of BTC traded into fiat or stablecoin spot markets. Its dominance has increased to 67.2% from 62.9% in May.

Derivatives

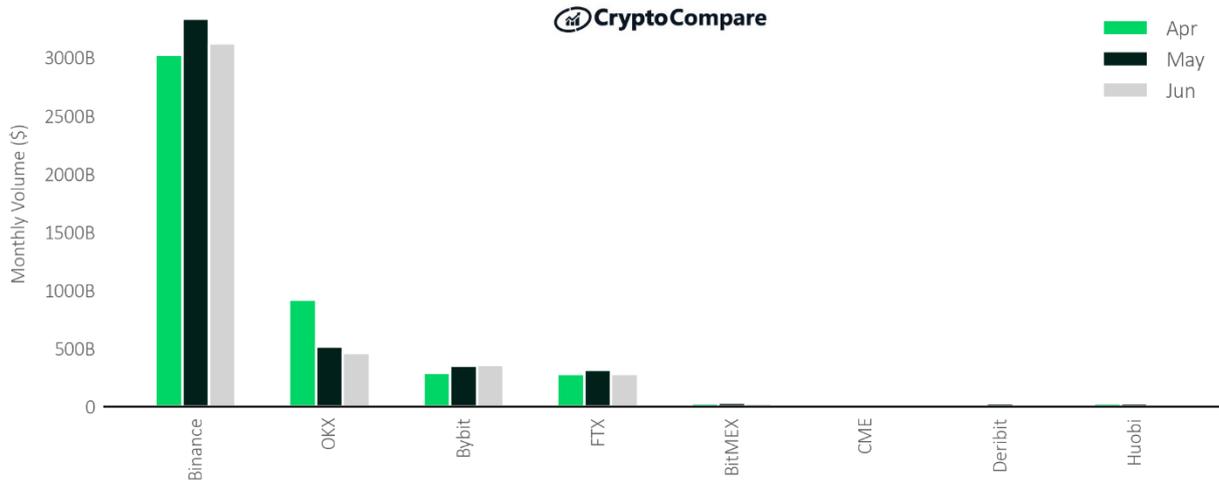


Derivatives volumes decreased by 7.01% in June to \$2.75tn. Meanwhile, total spot volumes decreased by 27.5% to \$1.41tn. The derivatives market now represents 66.1% of the total crypto market (vs 60.3% in May).

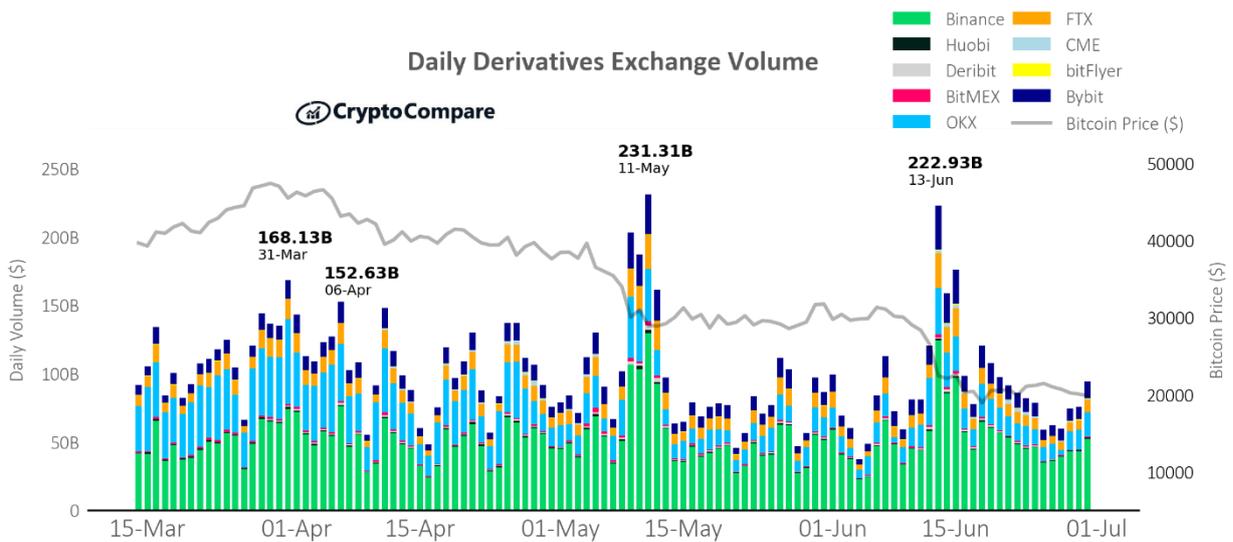


Binance leads the derivative markets with 56.7% (\$1.56tn) of total volumes in June. This was followed by OKX (16.6% market share, \$458bn) and Bybit (13.0% market share, \$357bn).

Historical Monthly Derivatives Volumes - 3 Months



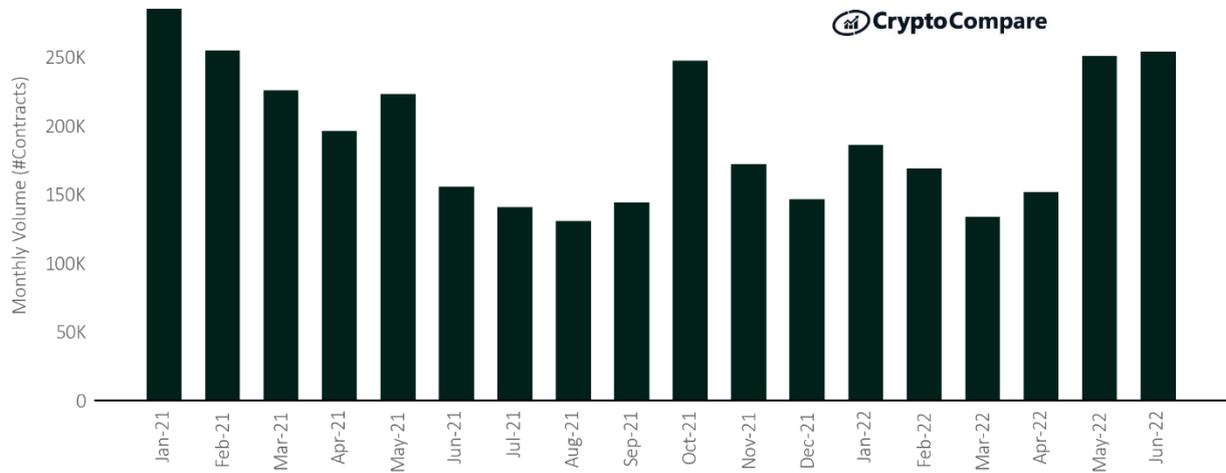
Binance was the largest derivatives exchange in June by monthly volume, trading \$1.56tn (down 6.35% since May) followed by OKX (\$458bn, down 11.2%), Bybit (\$357bn, up 1.17%), and FTX (\$281bn, down 11.5%).



Derivatives exchanges traded a daily maximum of \$223bn on the 13th of June, down 3.62% from May’s intra-month high of \$231bn.

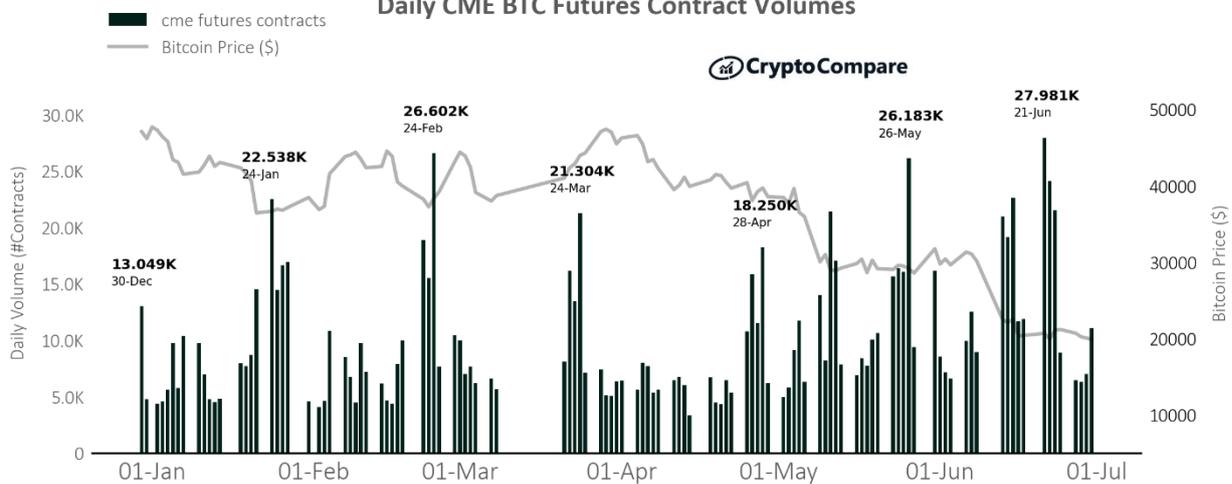
CME Institutional Volume and Open Interest

Historical Monthly CME BTC Futures Contract Volumes

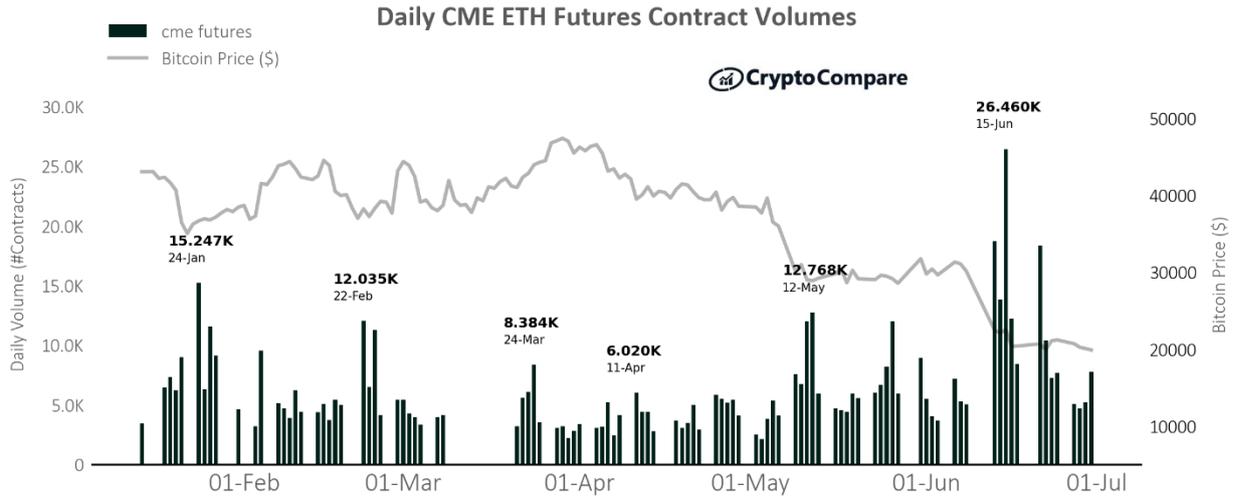


253,759 BTC futures contracts were traded in June, up 1.24% since May. This was the highest number of BTC futures contracts traded on the CME since February 2021.

Daily CME BTC Futures Contract Volumes

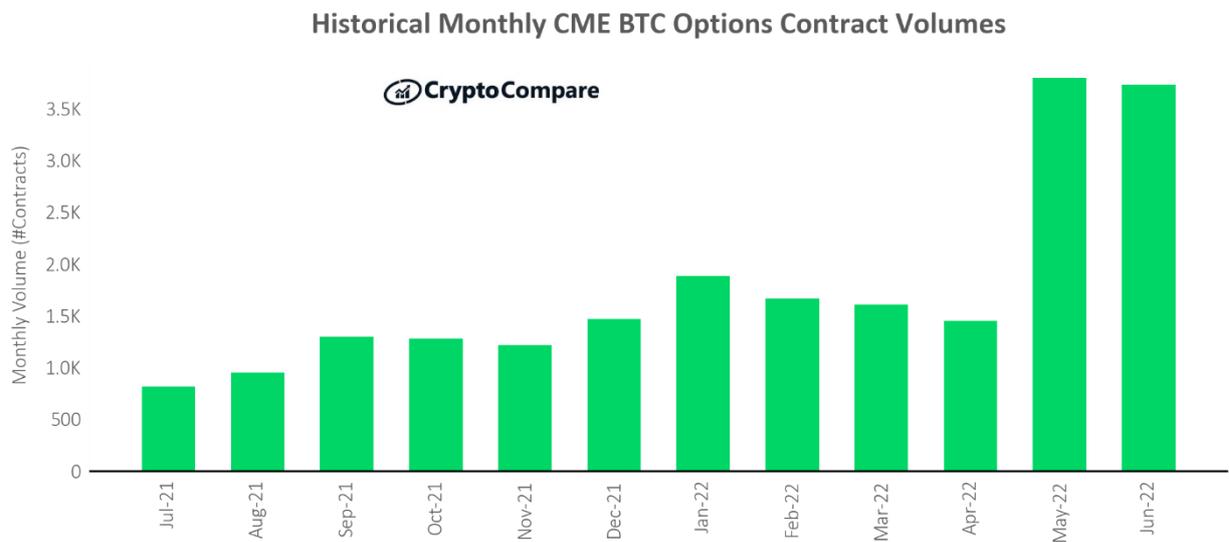


27,981 BTC futures contracts were traded on the 21st of June, a daily maximum for the month.

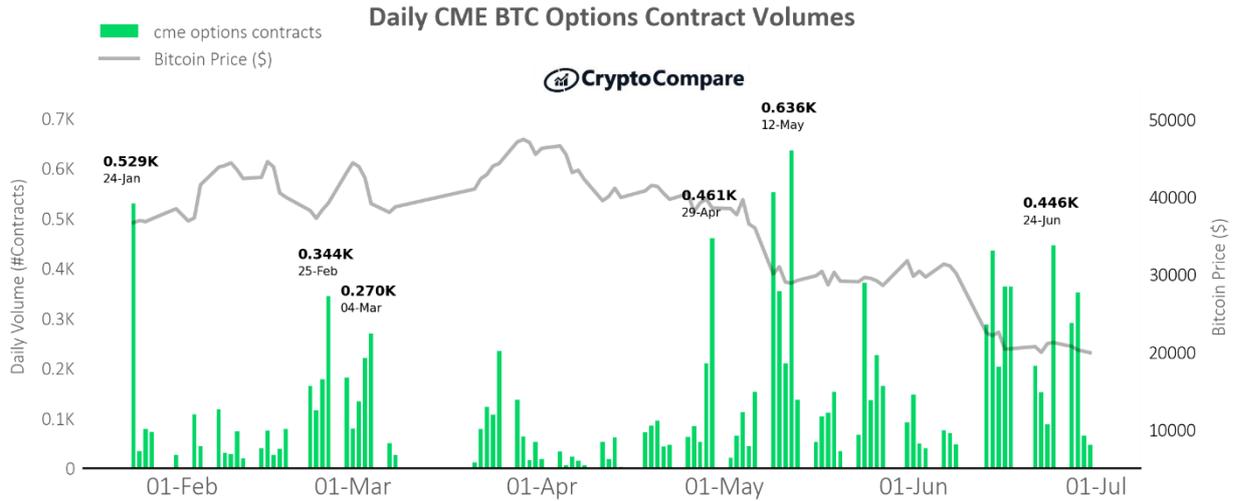


There were 26,460 ETH futures contracts traded on the 15th of June, a daily maximum for the month.

177,117 ETH futures contracts were traded in June, up 30.1% since May. This is the highest number of contracts traded since ETH futures were launched on the CME.

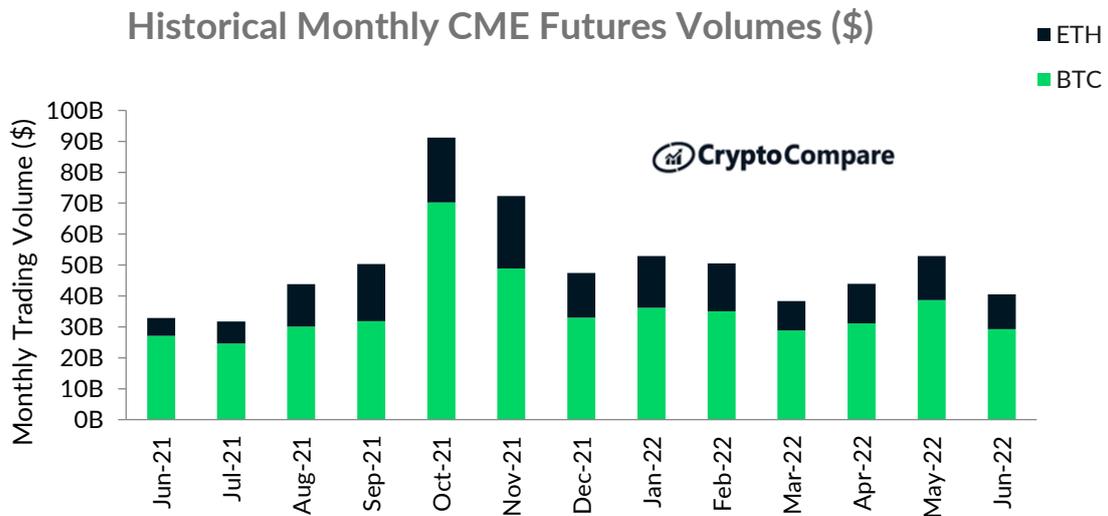


CME’s BTC options contract volumes fell 1.71% in June to 3,729 contracts traded. However, this is still an 157% increase from the number of contracts traded in April.

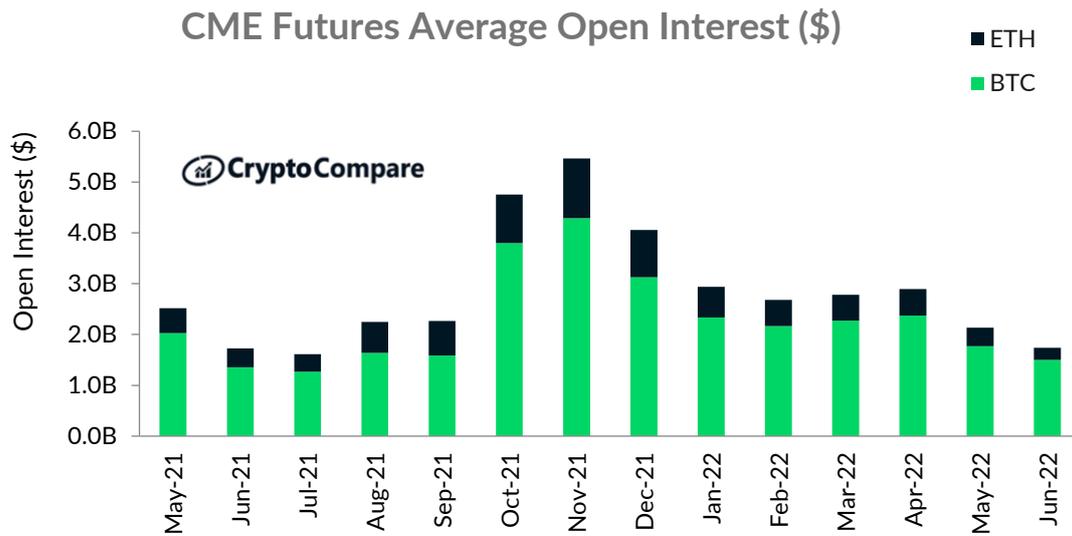


BTC Options contract volumes reached a daily maximum of 446 contracts traded on the 24th of June, down 29.9% from the intra-month high in May.

In terms of total USD trading volume, CME’s ETH futures reached \$11.3bn in June (down 21.1% since May). Meanwhile, CME’s BTC futures volumes decreased by 24.1% to \$29.3bn. On aggregate ETH + BTC futures volumes fell 23.3% to \$40.6bn.



CME’s average open interest figures for BTC futures fell 15.3% to \$1.50bn in June. On the other hand, ETH open interest averaged \$243mn, down 34.2% since May.



To conclude, in June, cryptocurrency exchanges saw a decrease of 15.2% in volumes across both derivative and spot markets. This comes as the markets failed to recover from last month's Terra collapse with the liquidity crisis of crypto lending companies adding more uncertainty among investors. This was reflected in the prices of cryptoassets with BTC and ETH falling 37.4% and 44.9% respectively.

Access More Of Our Research and Insights

As the digital asset markets continue to grow, so does the need for high-quality research that brings greater clarity and transparency to this rapidly evolving industry. CryptoCompare's suite of research reports provides market participants with trusted, high-quality data and analysis.

Recurring Reports:

Report	Description
Exchange Review	Captures key developments within the cryptocurrency exchange market – providing readers with an in-depth analysis of exchange volumes, trading activity, and derivatives open interest.
Digital Asset Management Review	Tracks and provides analysis of the most innovative institutional products in the industry, assessing volumes, assets under management (AUM), and product flow trends.
Exchange Benchmark	Brings clarity to the crypto asset exchange sector. Two years on, it has become the industry standard for assessing and evaluating cryptocurrency exchanges, with the methodology and rankings now being utilised to help create financial products and indices.
Asset Report	Provides professionals in the financial services space, particularly the investment management industry, with a summarised analysis of the latest movements in five of the largest cryptocurrencies.
Market Outlooks	A quarterly report that identifies the most important developments of the last quarter, which may thereafter set the tone for key trends to look out for in the following months. This includes references to the macroeconomic environment, DeFi, NFTs, stablecoins, and more.

Topic Deep Dives:

Report	Description
Liquidity Report	Created in collaboration with Bitstamp – a first of its kind report – it examines the intricacies of digital asset liquidity and compares it across top-tier exchanges to find the true liquidity of digital asset exchanges.
UST's Fall From Grace	Summarises the depegging of UST and the subsequent debacle of LUNA and the Terra ecosystem, including analysis of the ripple effects of the event and where it situates the digital asset industry.