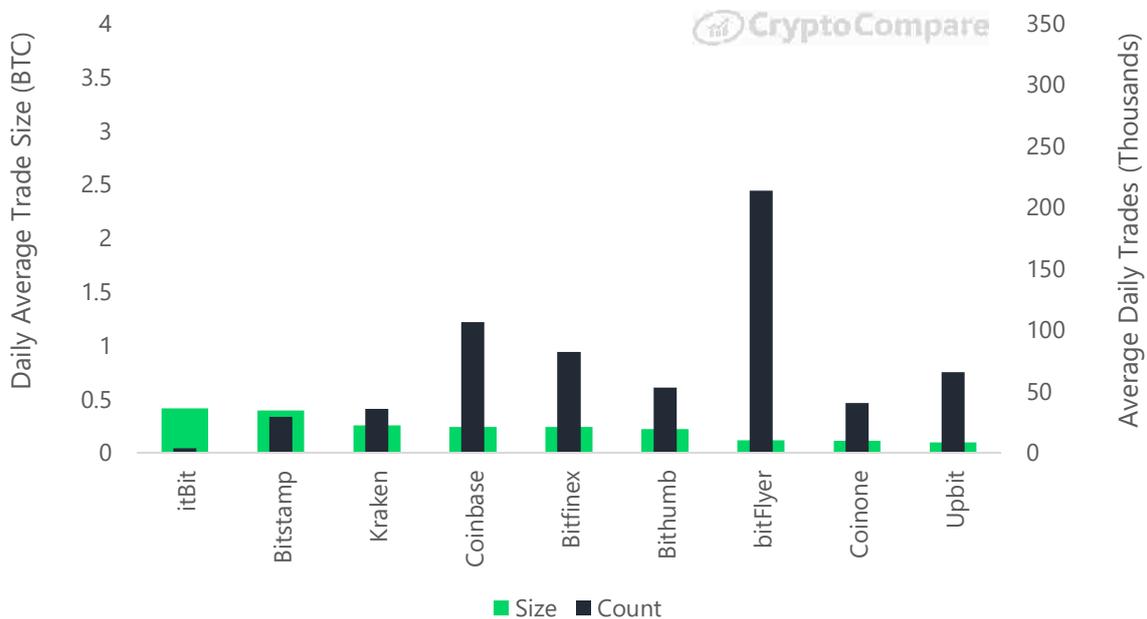


Trade Data Analysis – Top Exchanges

1 Trade Count and Size

Figure 5 - Trade Count and Size - Top Crypto to Fiat Exchanges by Volume in July



itBit, Bitstamp and Kraken had the largest average trade sizes in July, while Bithumb, Coinone and Upbit had lower trade sizes combined with higher trade counts.

Among the top fiat to crypto exchanges, itBit had the largest average trade size in July at 0.41BTC. This was followed by Bitstamp and Kraken at 0.39BTC and 0.25BTC respectively.

Meanwhile, other exchanges such as Bithumb, Coinone and Upbit all traded at lower average trade sizes (0.22BTC, 0.11BTC and 0.1BTC respectively) combined with higher trade counts (214k, 40.6k, 65.9k trades per day), suggesting more focus on retail traders.

In this demo, Electrum developer Chris Belcher shows how to set up and use an Electrum personal server.

Slackware: It was one of the first Linux distributions, created by Patrick Volkerding in 1993. Slackware is based on SLS and was one of the first Linux distributions.

Debian: Initiated by Ian Murdock, Debian was released in 1993 after continuing to develop from the SLS model. The very popular Ubuntu release we know today is based on Debian.

echo "\$uname" | grep -q -i 'deb' && OS="debian"

The Electrum team has announced the attack in an official tweet, saying that "this is an ongoing phishing attack on Electrum users" and reminding them to check the authenticity of the client's source before logging in. The team published its official website, and the Electrum clients downloaded elsewhere may be problematic.

How to upgrade Debian 9 to Debian 10 from the command line. Linux China.

Use the following commands in Ubuntu and Debian-based distributions.

Earlier this month, Electrum detected a DoS attack on its network, allegedly launched by a malicious botnet with more than 140,000 machines, designed to provide Electrum to users.

The team eventually released a stable version with the code name Buster for Debian 10. Buster is an LTS (Long-Term Support Support) version, so the future will be debian.

The Healthy Security Lab is concerned that Nearly 250 bitcoins have been stolen in a recent hacking attack on an Electrum wallet. This attack, confir

med by Electrum, involves creating a fake version of the wallet to trick users into providing password information. Electrum responded on Twitter that it was an ongoing phishing attack on Electrum users and advised them to download wallets from the official website.

Yes, you have successfully upgraded from Debian 9 to Debian 10.

How to install Ansible on Debian 10. Linux China.

Qtum Electrum synchronously updates electrum-related code.

According to Reddit user u/normal_rc, electrum's wallet was hacked and nearly 250 bitcoins (243.6 BTCs, nearly \$1 million) were maliciously stolen, according to coinelegraph. Electrum then confirmed that the attack included creating a fake version of the wallet to trick users into providing password information. Electrum responded on Twitter that "this is a persistent phishing attack on Electrum users" and warned users not to download Electrum from any source other than the official website. For Debian-based systems, it is located at /etc/chrony/chrony.conf.

Debian Porting RISC-V 64 is progressing rapidly and has now completed nearly 90% of package porting. Debian developers point out in a blog post that because architecture-independent packages make up about the majority.

Next up is the use of the operating system's contempt chain, freebsd despised debian, debian despised ubuntu, ubuntu despised centos, centos despised windows.

Install Ansible on Debian 10 Server.

apt-get install nmap s debian or Ubuntu system.



CYBERREITS

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Abstract

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 decentralised 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.

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

Try out our new interactive Exchange Review Dashboard below:

Exchange Review **Dashboard**

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>

BitMEX feels Roubini's wrath following Tangle in Taipei

The news wasn't all positive, however, with various incidents and setbacks emerging across the month. Firstly, there was also trouble for BitMEX, with reports that the exchange was being investigated by the US-based regulator the Commodity Futures Trading Commission (CFTC). The reports followed a heated debate between CEO Arthur Hayes and economist Nouriel Roubini, which prompted Roubini to allege 'systematic illegality' against the derivatives platform. BitMEX saw unprecedented outflows of \$500 million over the month, suggesting some customer unease with the investigations.

Coinbase discontinues bundle product, BITpoint hacked for \$28 million

Further, Coinbase discontinued its much-publicised Coinbase Bundle product, amid continued drawdowns on altcoins. The bundle lost nearly 80% of its value over the course of the year since its introduction. Also, BITpoint, a little-known Japan-based exchange, suffered a serious security breach. The exchange initially announced that \$32 million had been stolen in the attack, before later announcing that the figure had been lowered to \$28 million and that affected customers would be reimbursed.

Circle moves operations to Bermuda

There were also some significant regulatory developments. US-based company Circle, which owns Poloniex, announced it would be moving its operations to Bermuda in an effort to expand its international asset offerings. Poloniex had recently begun geofencing some assets from US-based users amid suggestions of a tightening regulatory environment in the US. In the UK, the Financial Conduct Authority (FCA) showed that it is taking a tough stance on derivatives trading. The financial watchdog proposed a ban on the selling of derivatives products, often deemed a risky investment vehicle, to retail investors.

Exchange Volumes

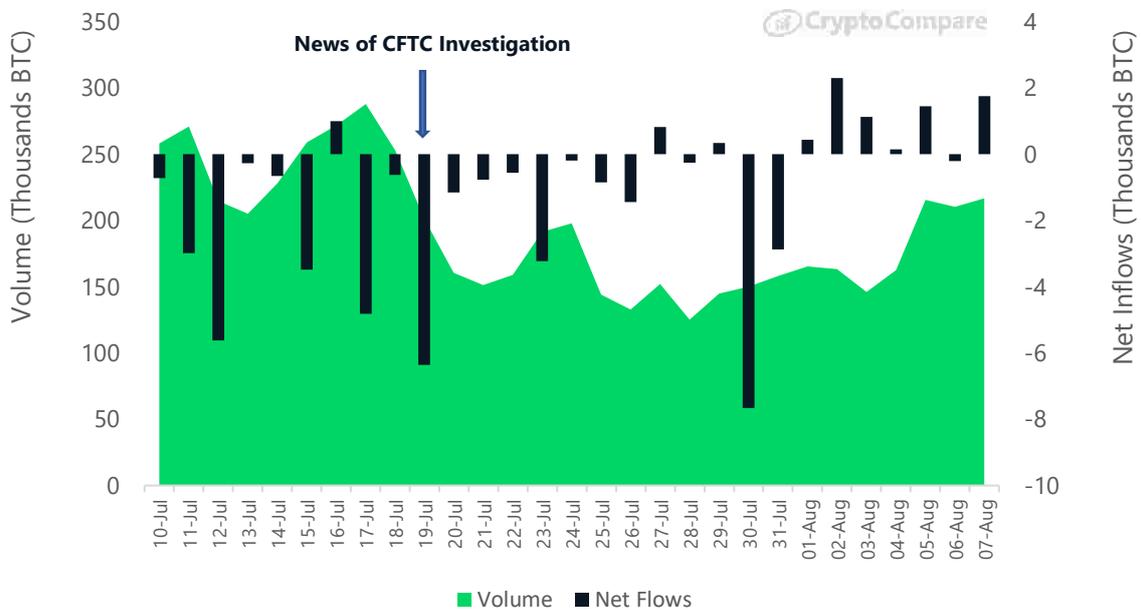
1. **Top Crypto to Crypto Exchange Volumes** - LBank was the top crypto to crypto exchange by total volume in July at 45 billion USD (up 42% since June). This was followed by OKEx and CoinBene at 43.9 billion USD (up 30%) and 39.3 billion USD (up 3.29%) respectively.
2. **Top Fiat to Crypto Exchange Volumes** - Bithumb was the top fiat exchange by total volume in July at 20.4 billion USD (up 46.4% since June). This was followed by Coinbase and Bitfinex at 12.5 billion USD (down 2%) and 9.35 billion USD (down 15.2%) respectively.
3. **Trans-Fee Mining Exchanges** - CoinBene was the top TFM exchange by total volume in July at 39.3 billion USD (up 3.29%), followed by Bitforex at 35.1 billion USD (down 7.5%) and EXX at 19.9 billion USD (up 26.1%).
4. **Decentralised Exchanges** - IDEX was the largest DEX in July trading a total of 44.6 million USD (down 17%), followed by Switchero and BitSquare trading 16.5 million USD (down 43%) and 16.4 million USD (down 35%) respectively. DEXs represent only a small fraction of global spot exchange volume (0.01%), trading a monthly total of 86.9 million USD in July.

July Exchange News

COMPANY	STORY	DATE
Binance US	Binance US appoints Catherine Coley as CEO	Jul 2 2019
CFTC - General	UK watchdog proposed ban on crypto derivatives for retail investors	Jul 3 2019
Kucoin	KuCoin Launches Bitcoin Derivatives Trading With 20x Leverage	Jul 8 2019
Binance	Binance Launches Platform '2.0' as Margin Trading Goes Live	Jul 11 2019
BITpoint	Hacked BITpoint Exchange to Refund 50,000 Affected Users in Crypto	Jul 18 2019
Binance	Binance Jersey Lists Exchange's New UK Pound-Backed Stablecoin	Jul 19 2019
Poloniex	Circle Moves Exchange Operations Offshore with New Bermuda Office	Jul 22 2019
Blockchain.com	Blockchain launches cryptocurrency exchange	Jul 30 2019
BitMEX	BitMEX outflows hit record in July exceeding 500m amid CFTC probe	Aug 5 2019

Case Study BTC Flows and BitMEX Volume

Figure 22 - BTC Net Inflows vs Trading Volume on BitMEX



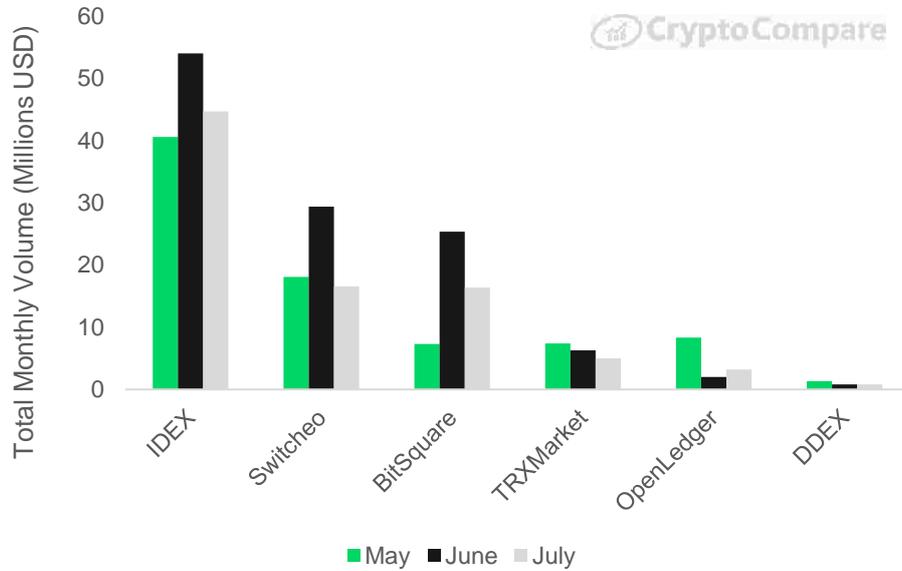
Among the most notable exchange-related stories in July were [reports](#) that the US Commodity Futures Trading Commission (CFTC) is investigating crypto derivatives exchange BitMEX - allegedly due to regulators' concerns that BitMEX unlawfully allowed US citizens to trade on the exchange - although the investigation has not been made public by the CFTC.

While the reports noted that such investigations often do not result in allegations of misconduct and at the time of publication the investigation is still ongoing, the market did seem to react to the news, at least initially. Data from [TokenAnalyst](#) showed that in the days following the news on Jul 19, outflows from the exchange surged - exceeding inflows by \$73 million: outflows on Jul 19 totalled 8200.65 BTC while inflows totalled only 1834.75 BTC.

Contrary to some [narratives](#) at the time however, the data show that volume on the leading crypto derivatives exchange did not in fact slide significantly following the news on Jul 19 and had already started to slump substantially several days before the news. Moreover, taking a broad look at the fluctuations in volatility in BitMEX volume over the month - there is nothing unique in the slight drop in volume following the news - with greater swings in volume throughout July and the beginning of August.

4 Decentralised Exchange Volume

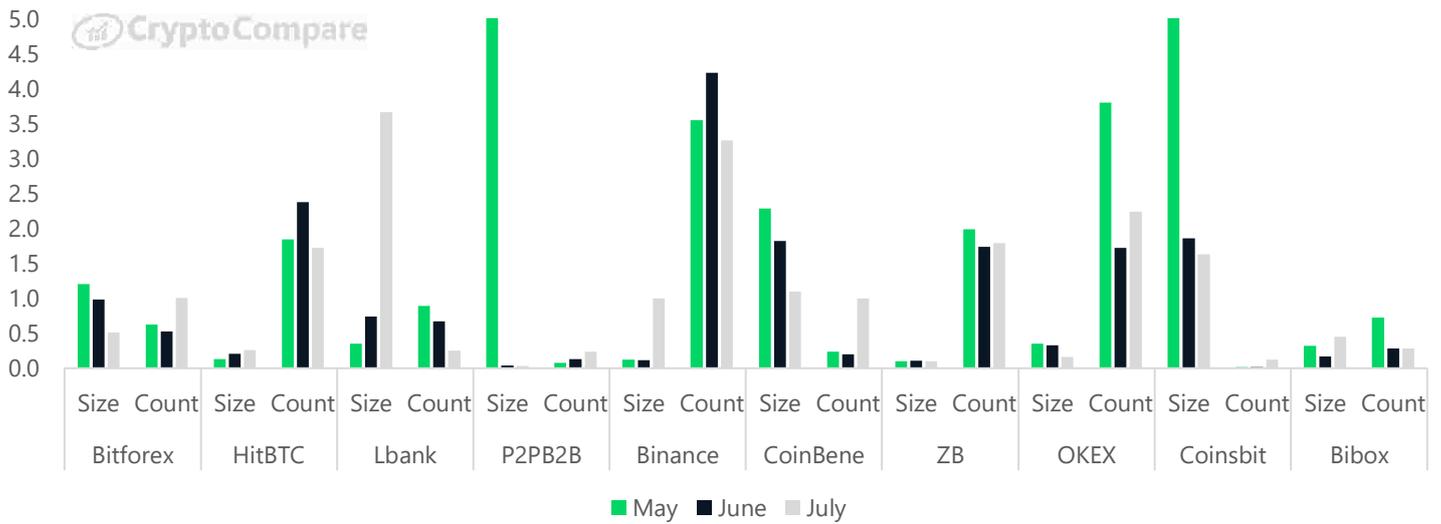
Figure 21 - Historical Monthly Volume - Top Decentralised Exchanges



IDEX was the largest DEX in July trading a total of 44.6 million USD (down 17%), followed by Switchero and BitSquare trading 16.5 million USD (down 43%) and 16.4 million USD (down 35%) respectively.

DEXs represent only a small fraction of global spot exchange volume (0.01%), trading a monthly total of 86.9 million USD in July.

Figure 8 - Monthly Average Daily Trade Count (100,000 trades) vs Average Trade Size (BTC) – Crypto to Crypto Exchanges



Historical trade sizes and counts were significantly more varied for crypto to crypto exchanges (BTC-USDT markets), with both LBank and Binance showing a sharp increase in trade size since June to 3.7BTC and 1BTC respectively. In contrast, Bitforex (BTC-USDT) and Coinsbit (BTC-USDT) showed a sharp decrease in average trade size.