Huobi Research

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Abstract

Market cap and transaction volume of cryptocurrencies remained stable this week, with 30 of the top 100 cryptocurrencies increased to varying degrees. On August 20th, the total market cap of the TOP100 cryptocurrencies reached to 212.289 billion dollars, a 1.07% decrease from last week. 6 Cryptocurrency projects entered the top 100 this week. On August 20th, Bitcoin's price was at $6400.32, up 1.11% from last week, and Ethereum price was at $295.90, down 8.70%. **HB10's price increased by 1.78% this week.**

Average number of transactions per block slightly increased and average block size slightly decreased on Bitcoin. Both average number of transactions and average block size increased on Ethereuam. Average number of unconfirmed transaction in Ethereum and Bitcoin decreased and increased by 39% and 10.19%, respectively. Bitcoin's transaction fees decreased and Ethereum's transaction fees increased. The 7-day average of unconfirmed transactions for Bitcoin and Ethereum are 2888 and 41506, respectively. Bitcoin's Hashrate increased by 5.64% and Ethereum's decreased by 2.69%. The average transaction fees on the Bitcoin and Ethereum network this week were $0.653 and $0.195, increasing 33.53% and 7.14% respectively. Total number of addresses on the Bitcoin and Ethereum network reached 27.82 million and 43.71 million, respectively.

XMX was the most active project on GitHub this week, with 128 commits submitted in the past week. Multiversum was the most popular group on Telegram. In terms of community activity, Bitcoin, Ethereum, and Ripple remained as the most popular communities on Facebook and Twitter. Multiversum attracted the most fans on Telegram in the last 24 hours.

According to <Huobi Blockchain Big Data Weekly Insights>, "Bitcoin", "Bot" and "Coinbase" were the hottest words on r/CryptoCurrency this week. Among the top three search engines (Google, Baidu, WeChat), the popularity for Bitcoin and Ethereum increased, but other cryptocurrencies and blockchain continued to decline in both Baidu and Google last week.

Singapore had the most ICOs this week, with platform projects being the most popular ICO project category. Among all 40 ICO projects, majority of them took place in Singapore. Platform projects were the majority. Financing applications were the majority in application projects. 9 investment activities took place in the Blockchain industry this week, Blockchain application attracted the most investment. SNC obtained a 10Million RMB Pre-A round financing from OK Capital, accounted for the largest financing this week. In addition, Huobi Global Ecology Fund made a strategic investment in TokenPocket and Bitland made a strategic investment in Lambda Project, the specific amount for both transactions has not been disclosed.

Table of Contents

1. Weekly Market Review

1.1 Market overview

This week, the overall market capitalization for the TOP100 cryptocurrencies remained stable, with 30 projects increased in value to varying degrees. According to coinmarketcap, as of August 20th, 2018, the total market cap of the TOP100 cryptocurrencies was 212.289 billion U.S. dollars, a decrease of 1.07% from last week. 6 Cryptocurrency projects entered the top 100 this week**.** Among which, TTU had the largest increase of 252.13%, bringing its rank up to No.86. AOA had the largest decrease of 34.52%, and its market cap ranking declined to No.83. In addition, there were 6 projects that entered TOP100, TTU(increasing 252.13%, ranking up 128 places), CTXC (increasing 73.53%, ranking up 47 places), ELA (increasing 31.46%, ranking up 25 places), VERI (increasing 19.14%, ranking up 16 places), QASH(increasing 5.66%, ranking up 5 places), and XET (ranking up 1310 places). The biggest change in ranking was XET, ranking up by 1310 to NO.98. The largest increase in price this week was TTU, increasing by 252.13%. The largest decrease in price was AOA, decreasing by 34.52%. As of August 20th, 2018, Bitcoin was traded at 6400.32 USD, 1.11% higher than its price last week. Ethereum was traded at 295.90 USD, 8.70% lower than its price last week.

Table 1.1: Top Five Price Increases and Decreases

Symbol	Price decrease	Symbol	Price increase
AOA	-34.52%	TTU	252.13%
BNB	-15.69%	CTXC	73.53%
MAID	-15.62%	ONT	44.52%
BCD	-14.84%	NANO	38.94%
REP	-14.36%	VET	35.76%

Source: coinmarketcap

The overall 24h trading volume slightly decreased this week. Overall, the 24h trading volume decreased by 0.93% compared with the same period of last week. In this week, 10 projects of the TOP100 project increased by more than 100% in 24h trading volume, of which the highest was ONT, with an increase of 686.46%, followed by AION with an increase of 348.07%

compared to last week. This week, there were 56 projects that saw a decrease in trading volume. 12 projects fell more than 50%, of which the lowest was AOA, a drop of 87.54%.

Figure 1.1: The Market cap and 24-hour Trading Volume for TOP100 cryptocurrencies

■2018/8/13 ■2018/8/20

$206.66 $204.75

$11.45 $11.67

Market Cap（Billion USD）   24h Transaction Volume（Billion USD）
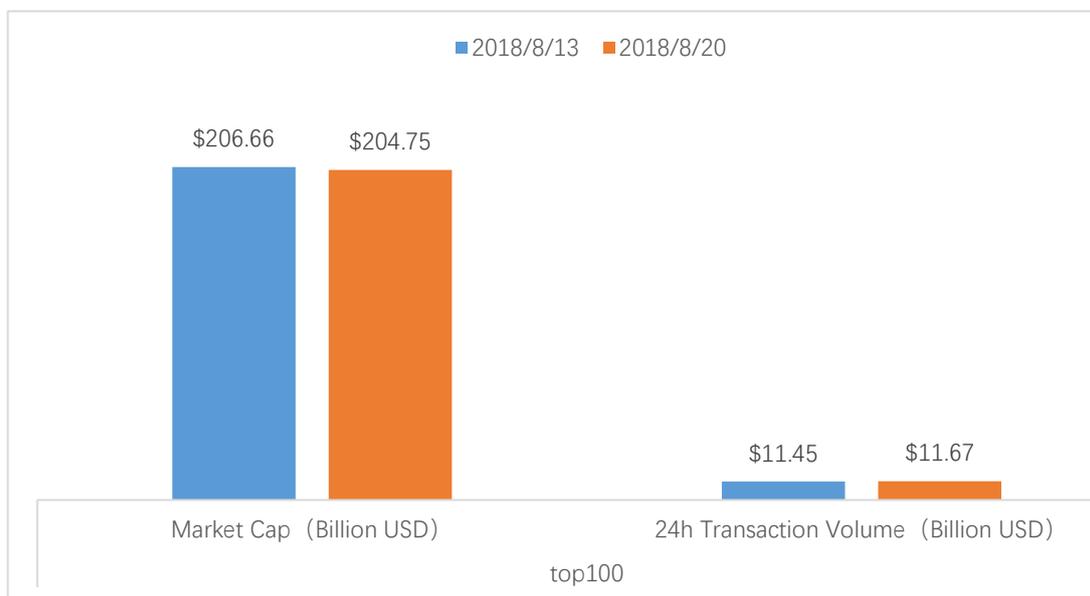
top100

Source: coinmarketcap

The TOP10 cryptocurrencies' market share distribution remained stable, 60% of the market caps have increased to varying degrees. On August 20th, the overall market cap of the TOP10 cryptocurrencies was 181.802 billion USD, a decrease of 0.58% from last week, accounting for 85.64% of the total market capitalization of cryptocurrencies, maintaining a stable market share compared to last week. ADA had the largest decrease of 12.17%. BTC's market share was 51.91%, an increase of 1.16% compared to last week.

Figure 1.2: TOP10 Cryptocurrencies' Market Share of Total Cryptocurrencies Market
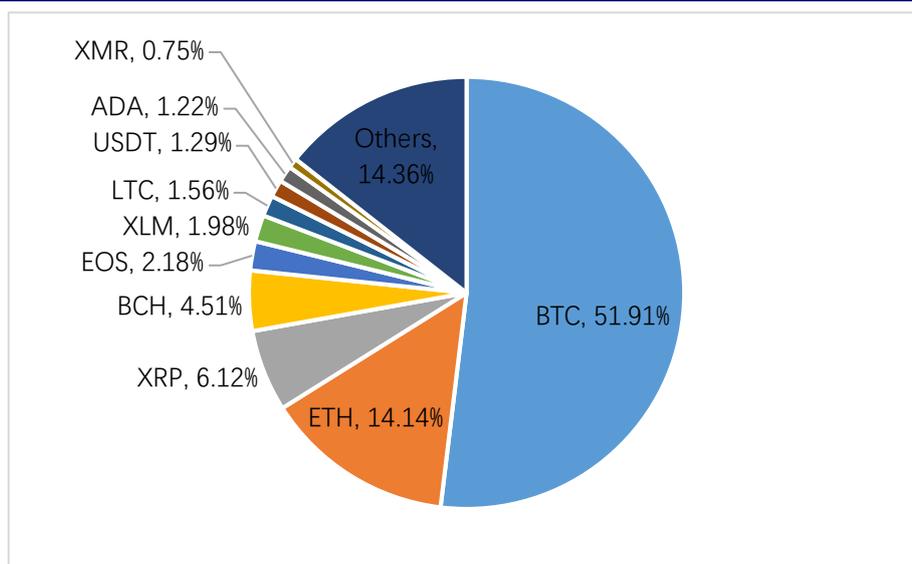
Source: coinmarketcap

Figure 1.3: TOP10 Cryptocurrencies' Market Share of Total Cryptocurrencies Market Changes
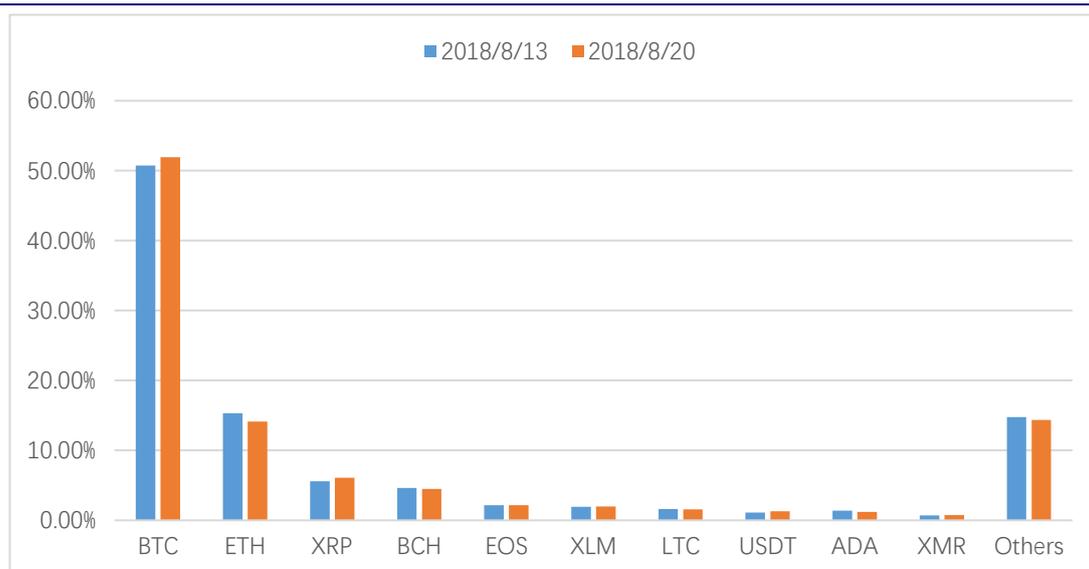
Source： coinmarketcap

1.2 Segment Analysis

The market cap of application projects decreased the most and average market cap of Tokenization projects decreased the most. As of August 20th, 2018, the total market cap of application class reached 45.305 billion USD, experiencing a decrease of 7.31% compared to last week, which is the

biggest decrease among all class. In addition, average market cap of platform projects was 1.33 Billion USD, a decrease of 4.58%, which is the biggest among all class.

Figure 1.4: TOP100 Cryptocurrencies Market Segment Capitalization
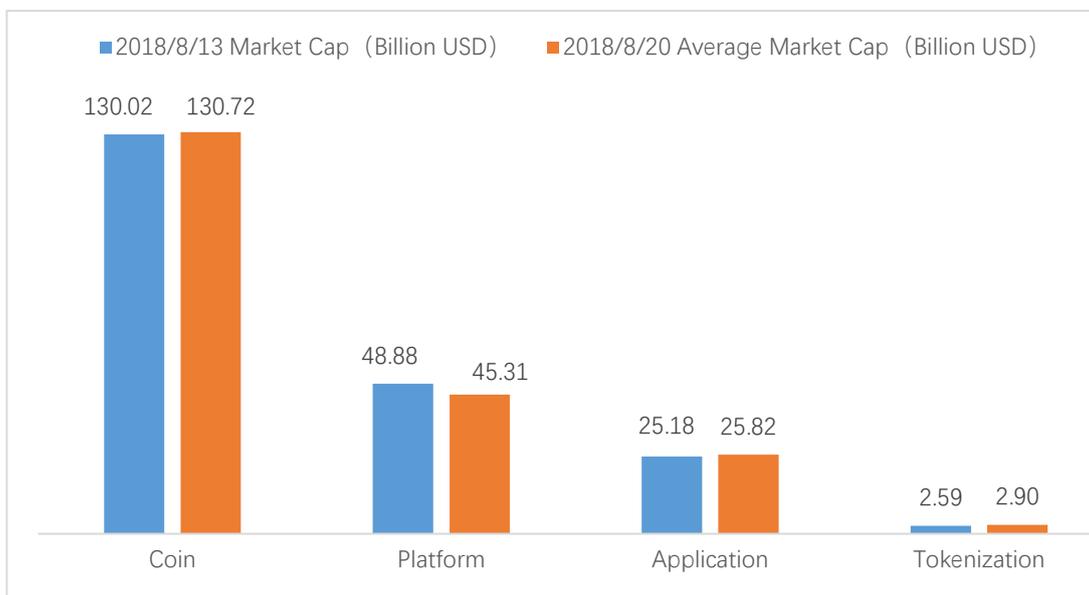

Source: coinmarketcap

Figure 1.5: TOP100 Cryptocurrencies Segment Average Market Cap
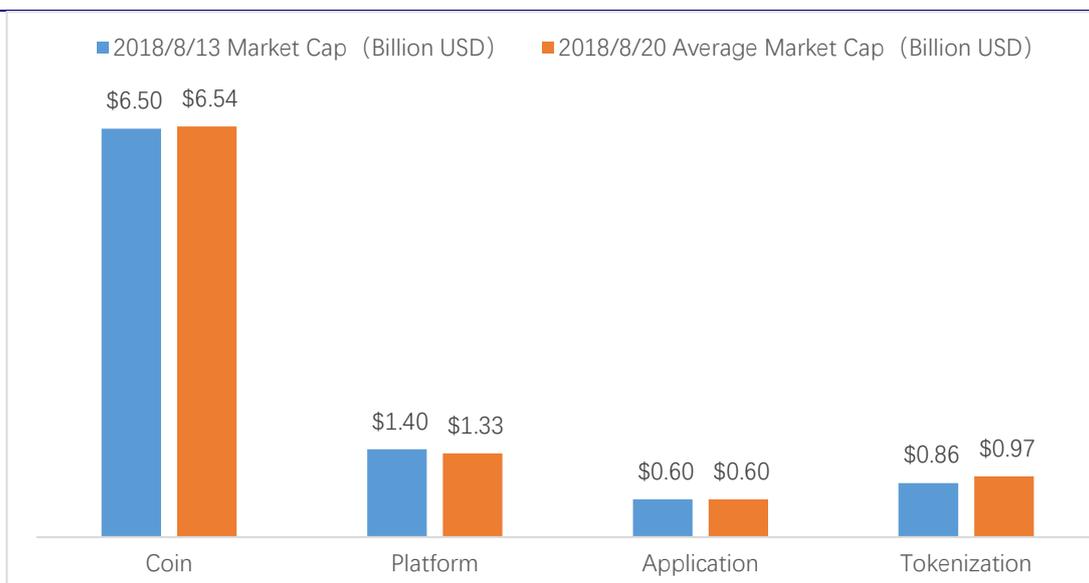

Source: coinmarketcap

The market segment distribution of the TOP100 cryptocurrencies remained stable. As of August 20th, 2018, the proportion of the market segments has remained stable among the TOP100 compared to last week. The number of platform projects decreased by 1, the number of application projects increased by 1, and the number of coin and tokenization projects remained unchanged. The largest overall market cap by segment is still coin projects, accounting for 63.85%, a slight increase compared to last week.

Figure 1.6: TOP100 Cryptocurrencies Segment Ratio	Figure 1.7: TOP100 Cryptocurrencies Segment Market Share
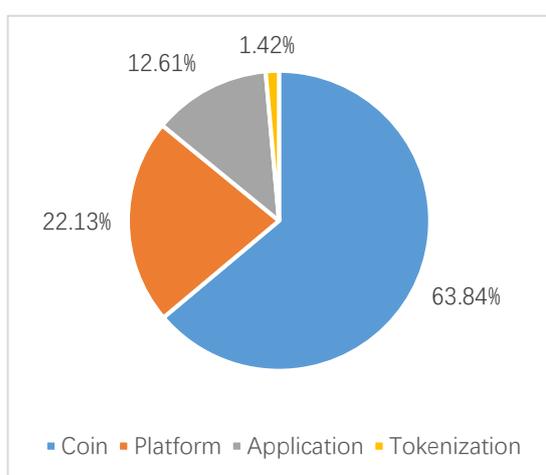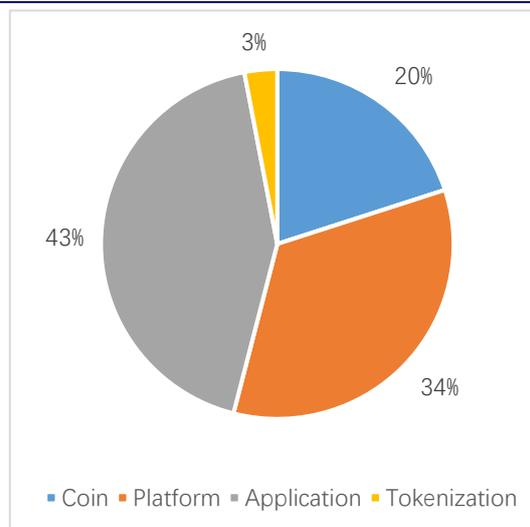
Source: coinmarketcap	Source: coinmarketcap

Note: According to the different attributes of cryptocurrencies, Huobi Research will divide them into four categories: Coin, Application, Platform and Tokenization.

Coin: The coin category refers to cryptocurrencies that aim to solve the problems of modern day fiat currencies, providing benefits like decentralization, improved safety, lower transaction fees, and faster confirmation speeds. The most popular coin cryptocurrency is Bitcoin. The value of coin cryptocurrencies lies in its ability to act as a medium of exchange.

Blockchain Platform: The Blockchain platform category refers to Blockchain projects that provide a platform upon which developers can create applications using the underlying Blockchain. Applications can utilize the platform's Blockchain without needing to create one themselves. Blockchain platform assets grant the right to use and participate in the platform.

Blockchain Application: The Blockchain application category refers to Blockchain projects that have specific use cases. These could either utilize their own Blockchain, or exist on a Blockchain platform as a "dApp". Blockchain application assets grant the right to use and participate in its use cases, and its value lies in the application's ability to perform its function.

Tokenization: The tokenization category refers to Blockchain projects that is linked to actual assets like gold or USD. The most popular tokenization project is Tether. The value of a tokenization asset lies in the value of the underlying physical assets.

1.3 HB10 Index

The Huobi Power Index (HUOBI 10) increased by 1.78% this week. According to the platform data of the Huobi Global Exchange, as of early morning of August 20th, 2018, the index was 604.19, comparing to 593.65 at the same time last week, an increase of 1.78% in the 7-day period; the highest level was 632.02 in the middle of the week and the lowest was 503.54.

Figure 1.8: HB10 Cryptocurrencies Segment Ratio
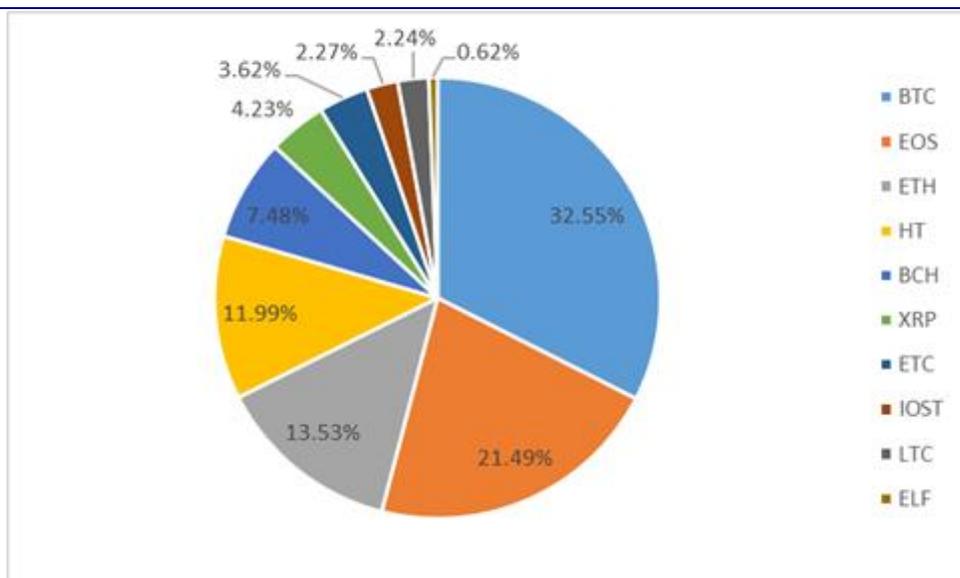
Source: Huobi global exchange platform, Huobi Research

Note: Huobi10 is composed of 10 currencies with large scale and good liquidity in Huobi Pro, which can comprehensively reflect the overall performance of the market. The index sample space is all USDT transaction currencies for the online transaction of Huobi Pro, which is composed of three types of assets: "currency", "platform" and "application"

according to the different attributes of the Blockchain assets. We calculate the weight of the constituent currency using the weight of the composite price index formula every 15 seconds。

2. Technical Statistics

2.1 Cryptocurrency Mining Statistics

Hashrate of Bitcoin and Ethereum both increased this week. From August 13th to August 19th, 2018, the average bitcoin Hashrate for the entire network reached 49.09 EH/s, an increase of 5.64% from the previous week.

Average Hashrate for the entire Ethereum network was 280.380 TH/S this week, a decrease of 2.69% from the previous week.

Figure 2.1: Bitcoin Hashrate Changes
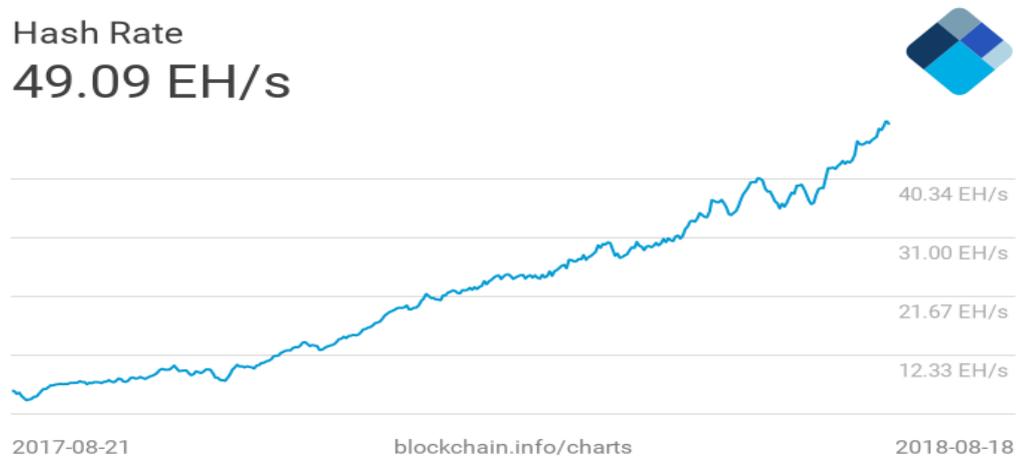
Source: blockchain.info

Figure 2.2: Ethereum Hashrate Changes

Average hashrate of the Ethereum Network

Source: etherchain.org
Click and drag in the plot area to zoom in
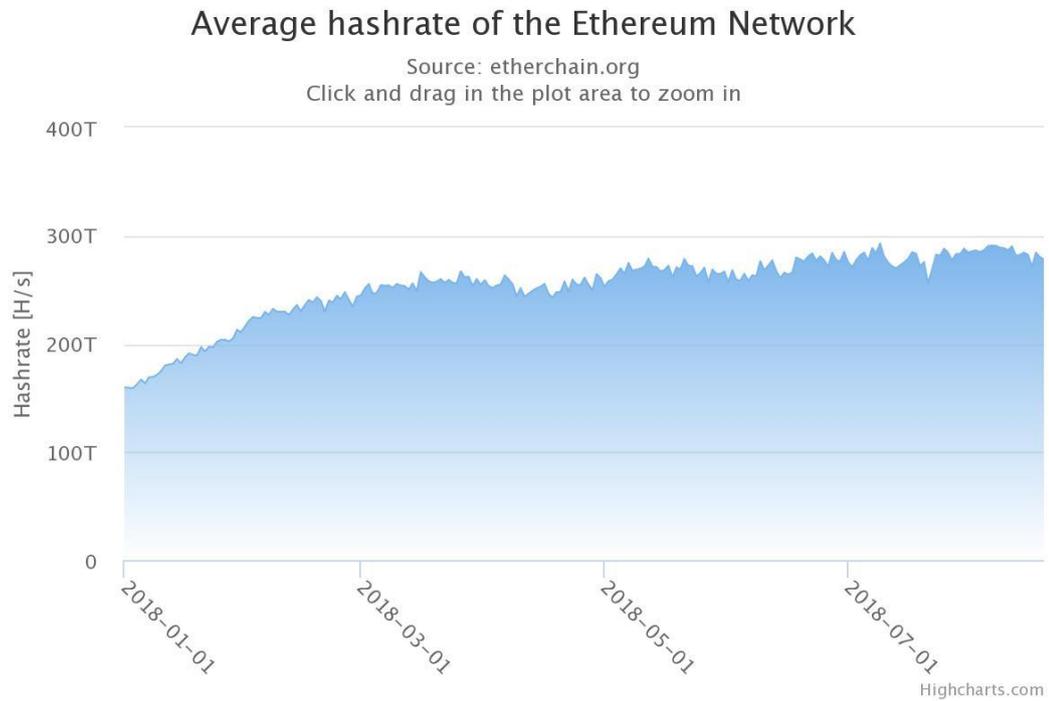
Source: etherchain

This week, the difficulty of mining in Bitcoin and Ethereum has greatly increased. At August 19th, 2018, Average difficulty for mining Bitcoin this week was 6.46T, increased 7.07% compared with the previous week. The average difficulty of mining Ethereum this week was 3.482P, a decrease of 2.41% compared with the previous week.

Figure 2.3: The Difficulty of Mining in Bitcoin   Figure 2.4: The Difficulty of Mining in Ethereum
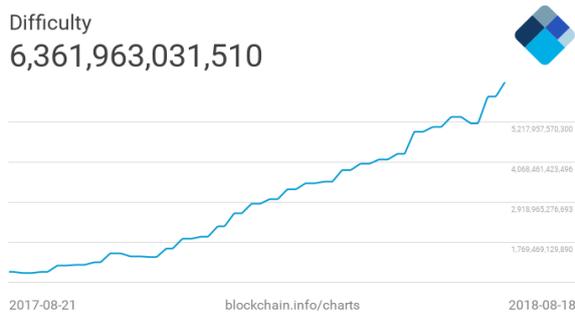
　　　　　　　　　　　　　Source: etherchain
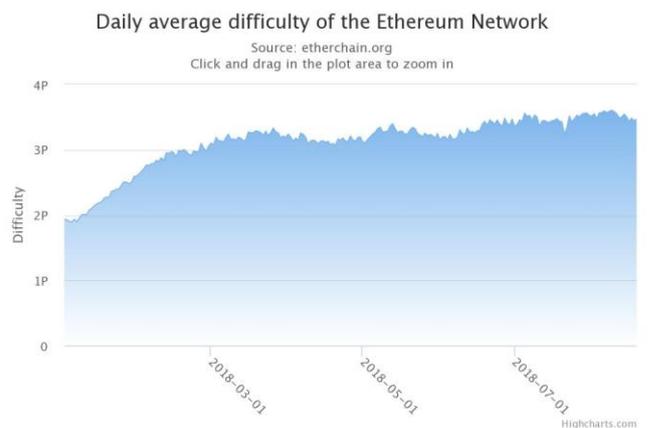
The percentage of BTC.com in the overall mining pool market slightly decreased, and the Top 5 remained stable. The overall distribution of the Ethereum mining pools remained stable. From August 13th to August 19th, 2018, Bitcoin mined 1066 blocks in the past week, a decrease of 2.12% from the previous week. Among the top five pools were BTC.com, AntPool, BTC.TOP, Slushpool and ViaBTC. Those 5 pools mined 190, 160, 139, 117 and 102 respectively, accounting for 17.82%、15.01%、13.04%、10.98% and 9.57%. The Hashrates were 8.7EH/s, 7.33EH/s, 6.37EH/s, 5.36EH/s and 4.67EH/s respectively.

In the past week, Ethereum's entire network mined 41367 blocks, which was a decrease of 0.131% from the previous week. The top five pools are Ethermine, SparkPool, f2pool_2, Nanopool, and miningpoolhub_1, which mined 12116, 6848, 5425, 4441, and 3766 blocks respectively, accounting for 29.29%, 16.55%, 13.11%,10.73%, and 9.1% respectively.

Figure 2.5: Distribution of Bitcoin Mine Pool
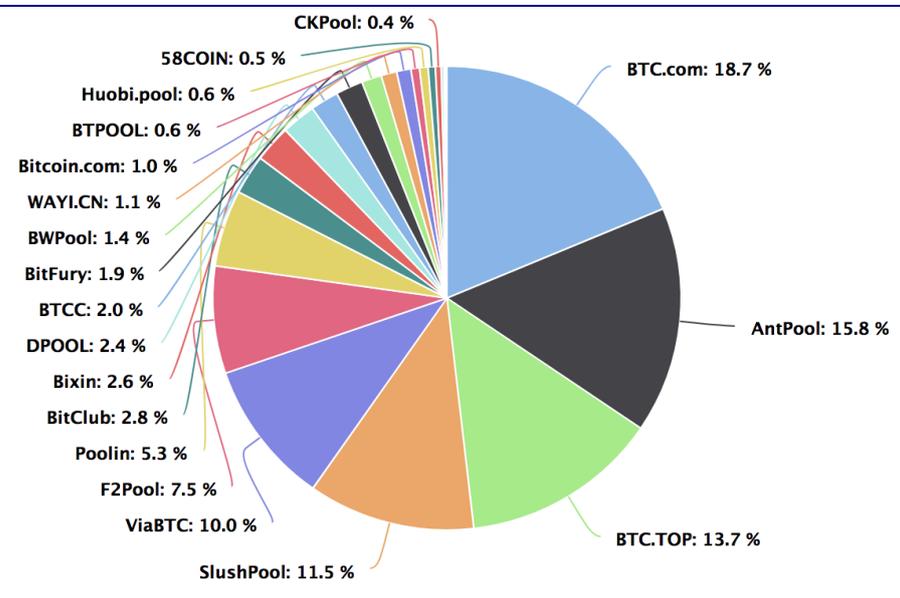
Source：BTC.com

Figure 2.6: Distribution of Ethereum Mine Pool
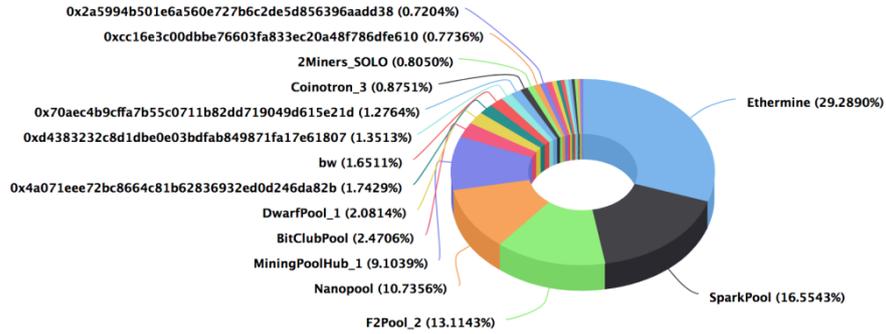
Source：etherscan.io

2.2 Activity Statistics

Bitcoin's block size slightly decreased and the average number of transactions per block slightly increased. Average number of transaction and block size both increased for Ethereum. According to blockchain.info, from August 13th to August 19th, 2018, the average number of transactions per block on Bitcoin was 1434, an increase of 3.98% from last week. The average size of each block was 785.8Kbs, a decrease of 2.29% from last week.

Figure 2.7: Block Size of Bitcoin
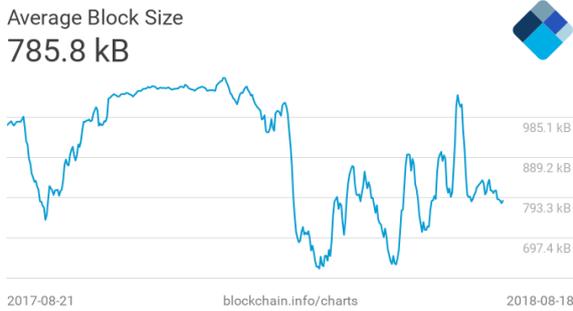
Figure 2.8: The Average Transactions of Per Block in Bitcoin

Source：blockchain.info
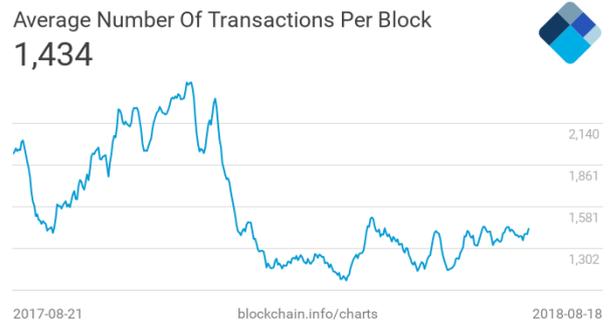
Source：blockchain.info

According to etherchain, the average number of transactions per block in Ethereum this week was 112.3, a 6.78% increase compared with the previous week. The average size of each block was 21578 bytes, which was an increase of 13% compared to last week.

Figure 2.9: Evolution of the average size of an Ethereum block   Figure 2.10: The number of transactions per day
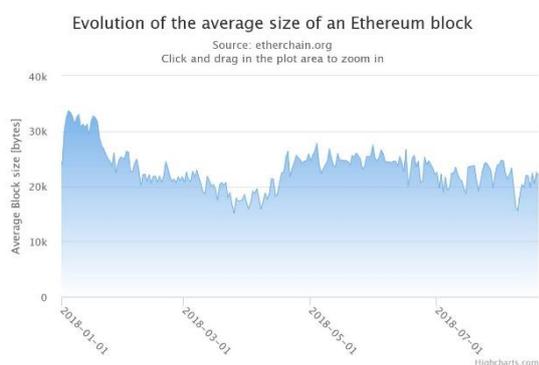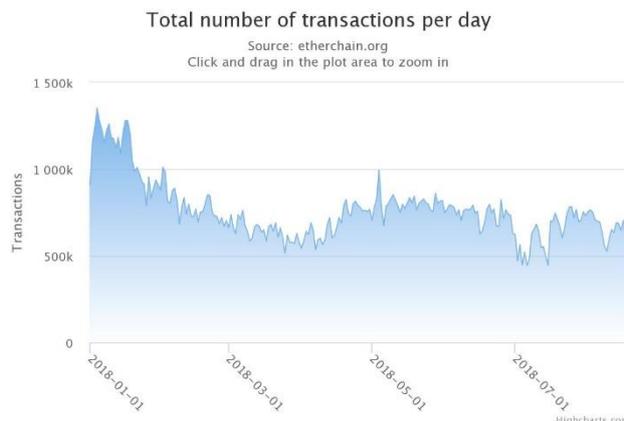
Source: etherchain   Source: etherscan.io

Number of unconfirmed transactions in Bitcoin and Ethereum increased 10.19% and decreased 39% respectively comparing to last week. As of August 20th, 2018, the number of 7-day average unconfirmed transactions in Bitcoin network was 2888, an increase of 10.19% from last week. As of August 20th, the number of unconfirmed transactions in Ethereum network this week was 41506, a decrease of 39% from last week. The lowest amount of unconfirmed transactions this week was 24733 and the highest amount reached 85083.

Figure 2.11: Unconfirmed Transaction in Bitcoin
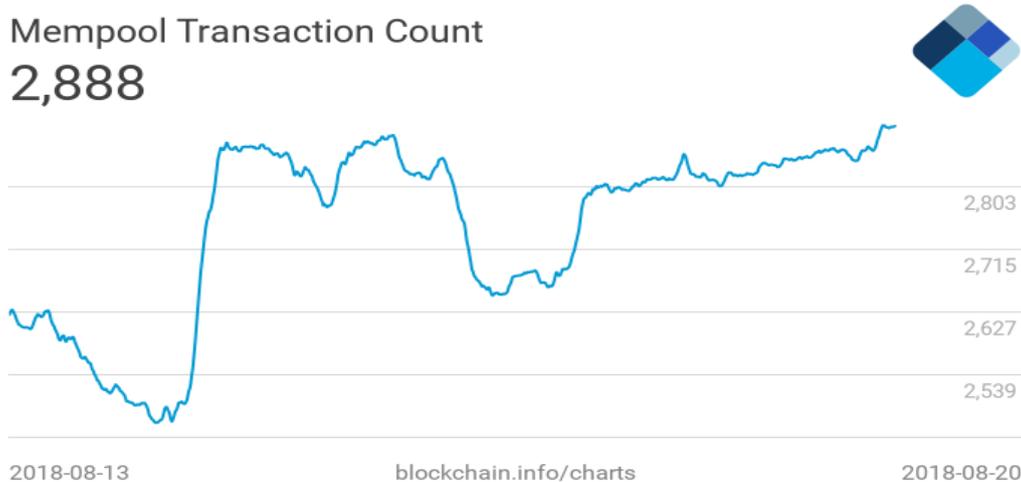
Source: blockchain.info

Figure 2.12: Unconfirmed Transaction in Ethereum

Source：etherscan.io

Transaction fees of Bitcoin and Ethereum both increased this week. As of August 19th, 2018, average transaction fees of Bitcoin this week was 0.653USD, which is up 33.53% from last week. Average transaction fees of Ethereum this week was 0.195USD, an increase of 7.14% from last week.

Figure 2.13: Bitcoin, Ethereum Average Transaction Fees
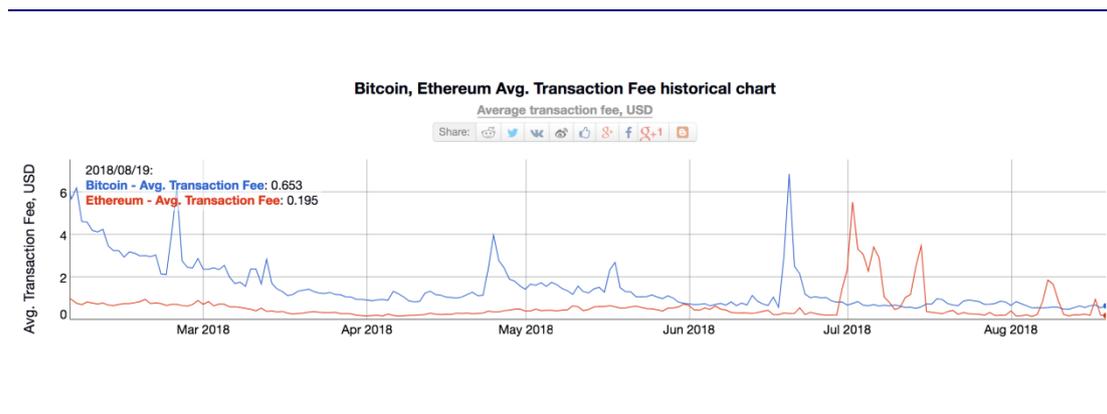
Source：bitinfocharts

The average number of distinct miners per day in Ethereum increased slightly. From August 13th to August 19th, 2018, the average number of distinct miners per day in Ethereum this week was 72.28, higher than last

week（69.14）by 4.5%.

Figure 2.14: Number of Distinct Miners Per Day
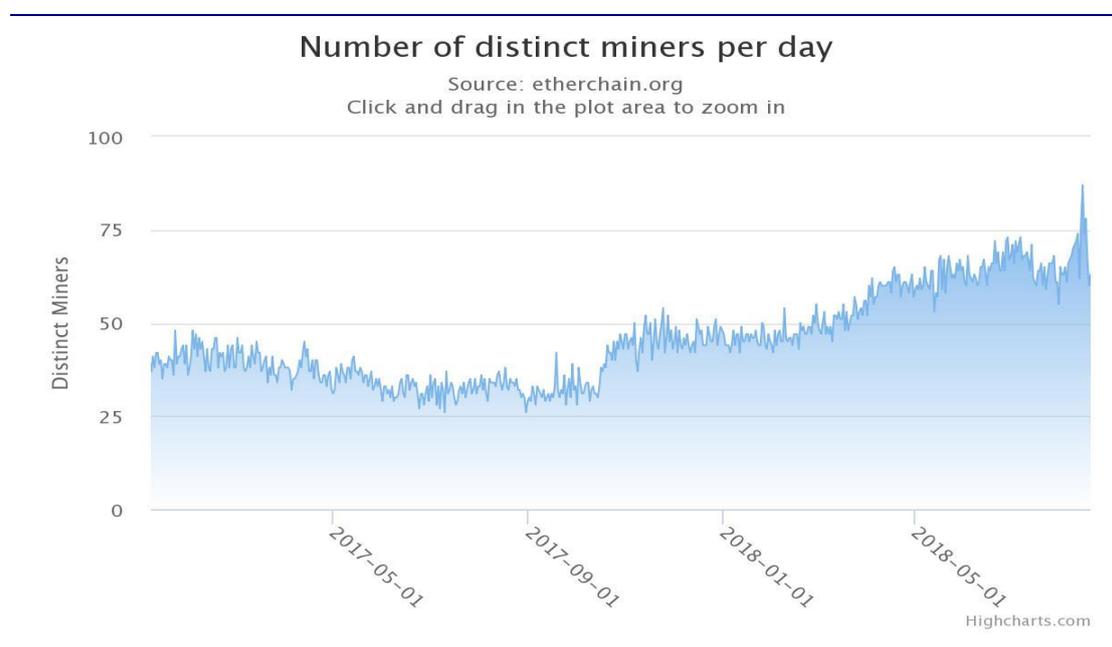
Source：etherchain

The number of nodes increased slightly for Bitcoin and increased significantly for Ethereum. As of August 20th, 2018, Bitcoin nodes reached 9632, an increase of 0.354% from last week, of which 2,322 nodes were in the U.S, 1773 nodes were in Germany, and 694 nodes were in China, accounting for 24.11%, 18.41% and 7.21% of the total number of nodes, respectively.

As of August 20th, 2018, Ethereum nodes reached 17086, which was an increase of 7.1% from the previous week. There were 8456 nodes in the U.S, 1867 nodes in China, 1238 nodes in Canada accounting for 49.49%, 10.93%, 7.25% of the total number of nodes respectively.

Table 2.1: Bitcoin Node Ranking by Country

RANK	COUNTRY	NODES
1	United States	2322 (24.11%)
2	Germany	1773 (18.41%)
3	China	694 (7.21%)
4	France	682 (7.08%)
5	Netherlands	476 (4.94%)

Table 2.2: Ethereum Node Ranking by Country

RANK	COUNTRY	NODES
1	United States	8456 (49.49%)
2	China	1867(10.93%)
3	Canada	1238(7.25%)
4	Germany	610(3.57%)
5	RussianFederation	605(3.54%)

6	n/a	420 (4.36%)	6	United Kingdom	437(2.56%)
7	Canada	356 (3.7%)	7	Netherlands	335(1.96%)
8	United Kingdom	290 (3.01%)	8	Korea	310(1.81%)
9	Russian Federation	286 (2.97%)	9	France	300(1.76%)
10	Singapore	218(2.26%)	10	Japan	256(1.5%)

Source：bitnodes   Source：bitnodes

This week, the growth rate for new addresses increased for Bitcoin and decreased for Ethereum. According to the data on blockchain.info, as of August 20th, 2018, the total number of Blockchain accounts reached 27829011, an increase of 207622 this week.

According to the data on etherchain, as of August 20th, 2018, the total number of Ethereum addresses was 43716042, an increase of 401211 this week.

Figure 2.15: Bitcoin Wallet Users   Figure 2.16: Total Address of Ethereum
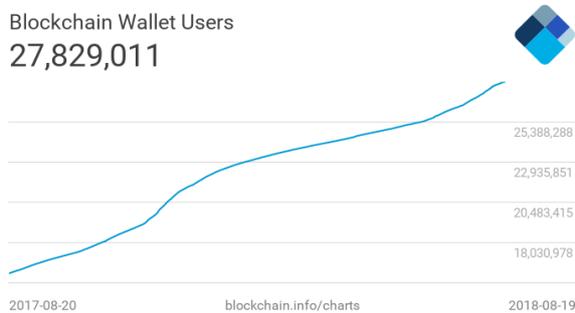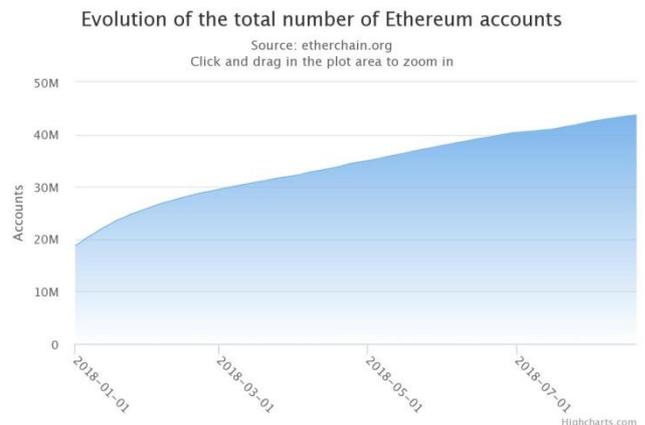
Source：Blockchain.info   Source：Etherscan

XMX was the most active project in GitHub last week. From August 13th to August 20th, 2018, XMX's activity in the GitHub code was the most active, reaching 128 commits, increased 4.06% from the previous week. ELF ranked second at 87 commits.

Figure 2.17: GitHub Code Activity
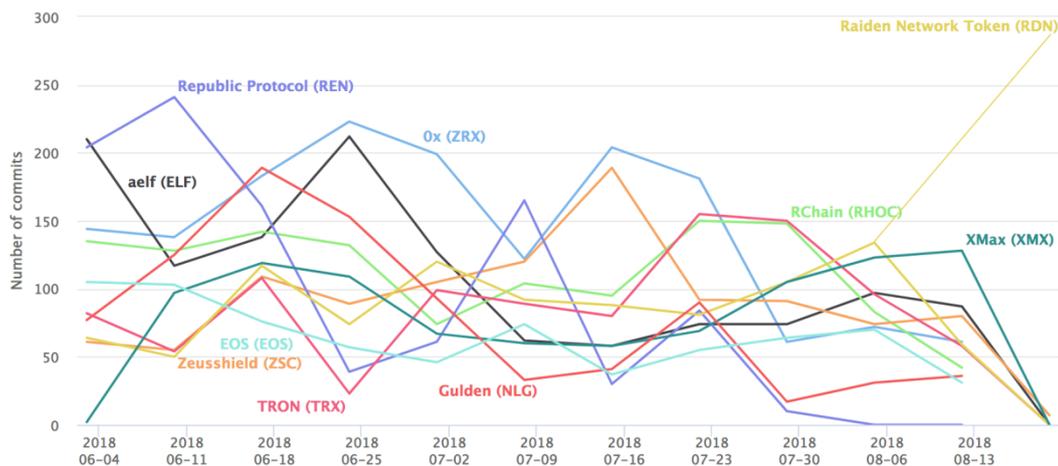
Source：cryptomiso

2.3 Community Activity Statistics

The top three most popular cryptocurrencies on Facebook are Bitcoin, Ethereum, and Ripple in decreasing order, with 493K, 161K and 150K fans respectively. The top three most popular cryptocurrencies on Twitter are Ripple, Bitcoin and Ethereum in decreasing order. The number of fans on Twitter of Ripple (XRP), Bitcoin and Ethereum which has 926K, 890K, and 452K fans respectively.

As of August 13th, Multiversum received the most attention on Telegram, with more than 100,000 fans. The fastest rising Telegram group, is Multiversum with more than 100,000 fans joining the telegram group within 24 hours.

Table 2.3: Facebook Cryptocurrency Fans Ranking

Table 2.4: Twitter Cryptocurrency Fans Ranking

RANK	Cryptocurrency	Fans (thousands)	RANK	Cryptocurrency	Fans (thousands)
1	Bitcoin	49.3	1	Ripple (XRP)	92.6
2	Ethereum	16.1	2	Bitcoin	89
3	Ripple (XRP)	15	3	Ethereum	45.2
4	Litecoin	11.7	4	Verge	37.7
5	IOTA	6.9	5	Dash	34.2
6	Dash	6.1	6	TRON	33.9
7	NEO	5.2	7	Monero	33.5
8	XVG	4.9	8	OmiseGO	32.6

| 9 | LISK | 4.2 | 9 | Stellar | 28 |
| 10 | monero | 3.9 | 10 | Litecoin | 18.5 |

Source：facebook   Source：twitter

Figure 2.18: Telegram Cryptocurrency Fan Ranking
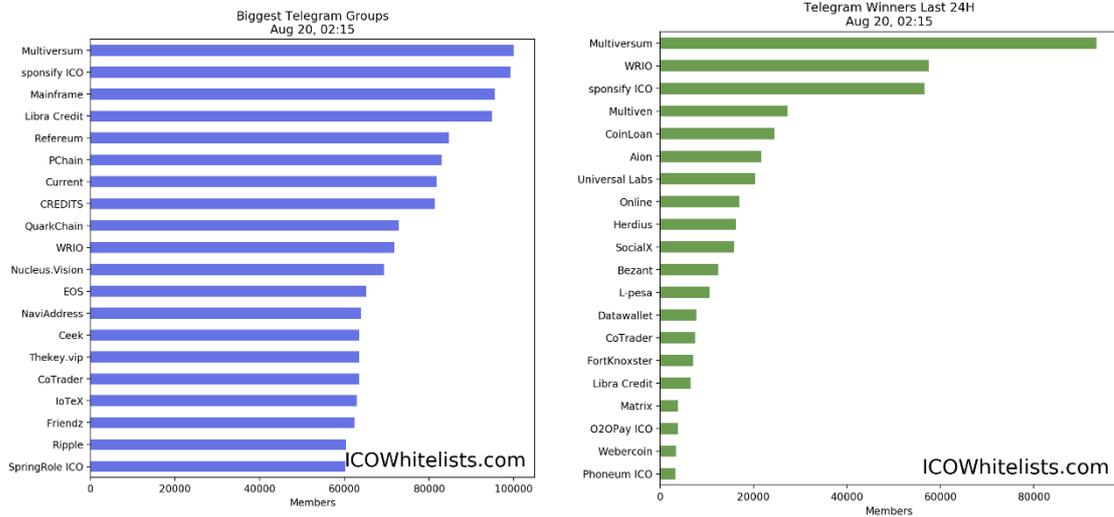
Source：icowhitelists

2.4 Huobi Blockchain Big Data Weekly Insights

Huobi Research performed NLP Word Analysis on Reddit's r/CryptoCurrency Subreddit to understand the trending topics and overall sentiments overseas, and we similarly broke down the keywords into three categories: Cryptocurrencies, Events, and Exchanges/Opinion Leaders.

In the Cryptocurrencies category, NLP Word Analysis suggests **Bitcoin**, **Ethereum**, and **Ripple** as the three cryptocurrencies that received the most widespread attention this week, with discussions mainly focused on price and trading strategies.

In the Events category, NLP Word Analysis suggests "Bot", "Scam", and "Technology" as the hottest words of the week. "Bot" refers to the trading strategy and return of bot trading. "Scam" refers to many Cryptocurrency projects in China. "Technology" refers to the newest technological development in Blockchain industry, including sharding, side-chain, and DAG, as well as the recent news that banks are increasing their investments in Blockchain research.

In the Exchanges/Opinion Leaders category, NLP World Analysis suggests "Coinbase", "Satoshi", and "Binance" as the hottest words of the week. "Coinbase" and "Binance" refers to the normal discussion between Cryptocurrency investors overseas, and "Satoshi" refers to a trending topic that Bitmain owns more BCH than Satoshi.

Figure 2.19: Reddit Word Cloud

Cryptocurrencies   Events   Exchanges and Opinion Leaders

Data Source: Huobi Research

On Baidu, search interest increased for "Bitcoin" but decreased for "Cryptocurrency", "Smart Contract" and "Blockchain", with the search interest for "Smart Contract" receiving the largest decrease of 19.1%. On Google, search interest for all keywords except for "EOS" experienced an increase, in which the search interest for "Ethereum" received the largest increase of 30%.

Figure 2.20: Weekly Changes in Search Trends

| Bitcoin | Ethereum | EOS | Cryptocurrency | Smart Contract | Blockchain |
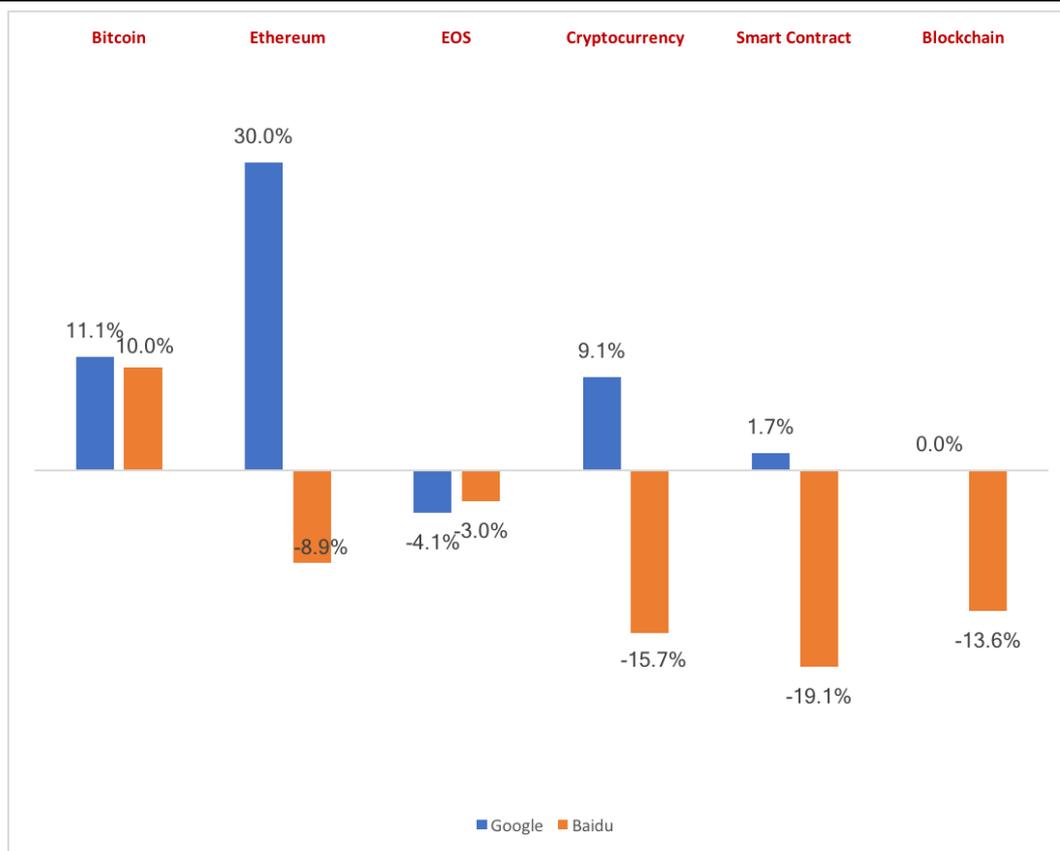
■ Google ■ Baidu

Data Source：Huobi Research, Google Trend, Baidu Index, Wechat Index

Note: The content of this section comes from Huobi Big Data Weekly Insights Vol. 10, with all data captured and analyzed by Huobi Research.

3. Weekly Blockchain News Review

3.1 Industrial Application

1．US Border Officials to Test Blockchain for Certificate Tracking

U.S. Customs and Border Protection (CBP) plans to trial blockchain technology to verify North American Free Trade Agreement (NAFTA) and Central American Free Trade Agreement (CAFTA) certificates. CBP Division of Business Transformation and Innovation head Vincent Annunziato said the agency was beginning a "live fire testing" of a blockchain platform to certify that imported products originated. The new system, which will launch in September, is going to help CBP verify information about imported goods and check how foreign suppliers act toward American importers. The system can also be used to authenticate trademarks and check on an item's physical

properties. In addition, CBP's Commercial Customs Operations Advisory Committee has established a working group to examine blockchain's potential uses.

https://www.strtrade.com/news-publications-blockchain-NAFTA-CAFTA-certification-pilot-081718.html

2. UEFA Super Cup Tickets Successfully Distributed to Mobile Phones via Blockchain

At the UEFA Super Cup in Tallinn UEFA distributed tickets for general public to mobile phones via blockchain. UEFA is looking to make its ticket sales process for matches simpler and safer – thanks to a new system aimed at providing secure ticket distribution, and which prevents the replication and duplication of tickets. For this week's UEFA Super Cup match between Real Madrid and Atlético de Madrid in Tallinn, a new system was fully deployed whereby UEFA distributed 100% of the match tickets sold to the general public through the deployment of a blockchain-based dedicated iOS and android app. To achieve this, UEFA chose a blockchain-based ticket distribution system combined with mobile Bluetooth devices at the stadium entrances.

https://www.uefa.com/insideuefa/about-uefa/news/newsid=2566998.html

3. IBM, AAIS Pilot Insurance Blockchain for Regulatory Reporting

The American Association of Insurance Services (AAIS) announced it is piloting a blockchain project for reporting to US state regulators. The project aims to improve operational efficiency, thereby reducing costs. AAIS is a non-profit governed by the Property and Casualty insurance industry. It gathers information from the industry and analyses it to provide loss reports and rating information for carriers and state regulators. The project called open Insurance Data Link (openIDL) will involve writing the data to a secure blockchain. This allows the data to be shared with appropriate parties in a secure and tamper-proof manner. Regulators have permission to access only the data they need. Participating carriers can also view their own information and see a comparison with the rest of the market as a whole.

https://www.ledgerinsights.com/ibm-aais-blockchain-insurance-compliance-reporting/

4. Chinese Retail Giant JD.com Launches Open Blockchain Platform

JD.com, China's largest retailer and e-commerce provider, has deployed an open blockchain platform to enable customers to have their own blockchain solutions to improve the transparency, efficiency and security of their operations. The JD Blockchain Open Platform expands the company's Retail as a Service and will allow customers to build smart contracts on both private and public enterprise clouds. The platform will allow companies to streamline tracking of product movement, property assessments, digital copyrights and authenticity certifications. China Pacific Insurance Company (CPIC) has become the first JD.com partner to use the open blockchain platform. The insurance company applies a unique blockchain ID to each invoice document, improving the efficiency and streamlining the accounting process, thereby strengthening the security governance of electronic invoices.

https://www.ccn.com/chinese-retail-giant-jd-com-launches-open-blockchain-platform/

3.2 International Policies

1. There's Now an Exchange-Traded Bitcoin Note That American Investors Can Buy

It's an exchange-traded note, and starting Wednesday, investors can buy it more easily even though it's technically listed and regulated in Sweden. The product, called Bitcoin Tracker One, is now quoted in U.S. dollars under the ticker CXBTF, helping brokerages offer it to American investors. It started trading on the Nasdaq Stockholm exchange in 2015. Trading Bitcoin Tracker One is now similar to buying an American depositary receipt, in that traders will see a foreign-listed asset in U.S. dollars. Investors can purchase so-called F shares, which means that while the trades are executed in U.S. dollars, they are settled, cleared and held in custody in its home market, according to OTC Markets Group.

https://www.bloomberg.com/news/articles/2018-08-15/lovelorn-u-s-bitcoin-etf-fans-may-find-satisfaction-in-sweden

2. South Korea Invests $4.4 Billion in Blockchain Technology

On Aug. 13, local news outlet Yonhap reported that South Korea set aside $4.4 billion (5 trillion won) to invest in distributed ledger systems and explore various administrative frameworks for the technology. The move was vetted by Korea's finance ministry, according to an official press release, with the

government agreeing to increase tech-focused budget allocations to new-age technologies (such as IoT, AI and blockchain) by more than 65 percent compared to 2017. Korea intends to train and employ 10,000 "specialists" from the eight aforementioned technologies until 2023, allocating $53 million to this effort. The project, entitled "Growth through Innovation," details a plan to set up a big data platform using AI and blockchain technology to ensure data management security and boosting the "sharing economy."

https://cryptoslate.com/south-korea-invests-4-4-billion-in-blockchain-technology/

3.3 Technological Breakthrough

1. Capital One Seeks Blockchain Patent for 'Collaborative' Authentication Tool

Capital One Seeks Blockchain Patent for 'Collaborative' Authentication Tool U.S. banking giant Capital One is working on using blockchain technology to usher in more convenient and secure user authentication methods for instances such as banking security. In a continuation of a patent application submitted to the U.S. Patent and Trademark Office (USPTO) back in June 2017, Capital One sets out a blockchain system that will receive, store and retrieve encrypted user authentication data, according to a filing released Thursday. The proposed idea is described as "a distributed, non-reputable record of authentication interactions" that allows users to authenticate themselves across multiple platforms, but limits how much personal information is shared between them. In effect, the method retrieves identification data on a user when they commence the authentication process.

https://www.coindesk.com/capital-one-seeks-blockchain-patent-for-collaborative-authentication-tool/

2. BMO, Ontario Teachers' Test Canadian Debt Issuance on Blockchain

BMO, Ontario Teachers' Test Canadian Debt Issuance on Blockchain Bank of Montreal and Ontario Teachers' Pension Plan tested a Canadian-dollar debt deal over blockchain, a further step in determining the viability of the new technology in fixed-income markets. Bank of Montreal sold C$250 million ($190 million) of one-year floating rate deposit notes to the Ontario pension fund and used blockchain technology to mirror the transaction. The bank's BMO Capital Markets unit built a settlement system using blockchain, with the

prototype allowing issuers and buyers to view transactions on the distributed ledger system. The technology, which the bank says is being used for the first Canadian dollar fixed-income issue, aims to cut costs in areas including compliance, financial reporting, clearing and settlement of cash transactions. The technology, which the bank says is being used for the first Canadian dollar fixed-income issue, aims to cut costs in areas including compliance, financial reporting, clearing and settlement of cash transactions.

https://www.bloomberg.com/news/articles/2018-08-15/bmo-ontario-teachers-test-canadian-debt-issuance-on-blockchain/

3. Coinbase Seeks Patent for Security-Enhanced Bitcoin Payment System

U.S.-based digital currency exchange Coinbase has filed a patent on a new Bitcoin payment system designed to make cryptocurrency payments safer. The new platform will provide an added layer of security for users' keys and allow them to make Bitcoin payments directly from their digital wallets. A segment of the patent filing states, "It may be a security concern for users that the private keys of their Bitcoin addresses may be stolen from their wallets. Existing systems do not provide a solution for maintaining security over private keys while still allowing the users to checkout [sic] on a merchant page and making payments using their wallets."

https://bitcoinmagazine.com/articles/coinbase-seeks-patent-security-enhanced-bitcoin-payment-system/

4. Weekly Project Progress in the Market

4.1 New ICOs this Week

There were overall 40 ICOs this week; Singapore was the country with the most ICOs this week, and the most popular ICO project category was Blockchain platform projects. Among 37 ICOs collected with country information, Singapore was the country with the most ICOs (9), accounting for 22.5% of all ICOs this week. U.S. had 6 ICOs this week, accounting for 15% of all ICOs. Estonia had 4 ICOs this week, and all other 13 countries each less than 4 ICOs this week. Among all 40 ICO projects this week, there were 13 Blockchain platform projects, accounting for 32.5% of all ICOs this week.

Name	Country	Introduction	Category	ICO Date	ICO Price

Eterbank	EPAY	Ireland	The first real-world payment solution for crypto – allowing shops, bars and businesses to settle automatically in fiat through a simple POS app.	Finance Application	2018/8/13	0.3 USD
Myart	MYT		Myart is the global blockchain bases platform for culture and art industry and is a new distributed art circulation ecology.	Entertainment Application	2018/8/13	1 ETH = 1,200 MYT
Usechain	UST Token	Singapore	To build an on-chain inclusive financial system and make financial services on Wall Street affordable to everyone, everywhere.	Finance Application	2018/8/13	1 ETH = 75,000 UST
HireGo	HGO	Gibraltar	By leveraging Blockchain and Smart contracts HireGo is unlocking the potential of Car sharing, making it more accessible and convenient than ever.	Platform	2018/8/14	1 ETH = 4000 HGO
Tag World Exchange	TWEX	Portugal	Innovative smart contract based platform offering transparency and liquidity to the investors as well as the funded company.	Exchange	2018/8/14	0.4500 USD
Cryptoriya	CIYA	UK	Cryptoriya is the first blockchain based technology where users can exchange any cryptocurrency to cash within minutes from anywhere globally.	Exchange	2018/8/14	0.50 USD
AllSpark	ASK	Singapore	AllSpark Chain is a public blockchain where content creators, advertisers and social media users co-exist a reciprocal sharing economy.	Platform	2018/8/15	0.00033333 ETH
IViN	IViN	Estonia	Social network with virtual reality function.	Social Networking Application	2018/8/15	0.00015 ETH
Blockonomics	BCK	India	Blockonomics started as a wallet watcher and blockexplorer in 2015, and has been continuously innovating with the latest in Bitcoin technology.	Platform	2018/8/15	0.02 USD
Grapevine	GVINE	Austria	Grapevine World is a decentralized, borderless ecosystem for the seamless, standardized exchange of healthcare data.	Health Application	2018/8/15	0.10 USD

Gturbo	GTR	Russia	Unlike most real sector ICOs GTurbo is based on an already operating business with a billion-dollar turnover.	Platform	2018/8/15	0.05 USD
Omeno	OME	Belize	Omeno is here to help you to achieve your goals and finally become financially free.	Finance Application	2018/8/15	10 USD
Supload	SUP	USA	Supload was founded in 2005 as an image and file sharing service.	Entertainment Application	2018/8/15	0.33 USD
Global Spy	SPY	Estonia	Verifer is old and robust investigation company. Since the establishment on 2012 we have grown about 40% annually.	Data Application	2018/8/15	0.0864 USD
COMMITGOOD	GOOD	USA	Commit Good platform or any of its product(s) will not be intended to constitute securities in any jurisdiction.	Finance Application	2018/8/15	1 ETH = 1,000 GOOD
Infinitus Token	INF	Singapore	INFINITUS byte-sized (1MB) smart designation repository is designed for simple alphanumeric data.	Platform	2018/8/15	1 ETH = 2,500 INF
Hybrid Betting	HYB	UK	Our goal is to rewrite the betting rules, this is not just a kind of P2P betting, we invented our own betting game.	Entertainment Application	2018/8/15	0.2200 USD
SKYFchain	SKYFT	Estonia	The First B2R (Business 2 Robots) Operating Platform for Cargo Robotics Industry.	Platform	2018/8/15	0.065 USD
NiQBiX	NQBX	Portugal	NiQBiX is a project that wants to build full decentralized Smart Cities with crypto payments and crypto technology for a better life style.	Platform	2018/8/15	1 ETH = 20 000 NQBX
Sword Coin	SWDC		Blockchain Platform for transforming trading and investment management.	Exchange	2018/8/15	0.07 USD
iRegMed	IRM	Luxembourg	iRegMed is a establishment of an open & organically growing ecosystem.	Platform	2018/8/15	0.19 USD
TimeBox	TB Coin		First decentralized custody service of digital assets in history.	Platform	2018/8/15	1 ETH = 1200 TB Coin

Bitto Exchange	BITTO	UK	Smart Trading, Backed Loans, Proof Of Stake, Borrowing, Signal, Referral and Buy Back.	Exchange	2018/8/15	1 USD
MBYS	MESH	Estonia	The MBYS platform will serve as a decentralized online professional network that provides the highest levels of data privacy.	Social Networking Application	2018/8/15	0.001 ETH
IAT	IAT	Singapore	The IA Tokens concept aims to revolutionize the real estate industry using Blockchain technology through the development of the IAT Platform.	Tokenization	2018/8/15	0.01 USD
BELDEX	BELDEX	Malaysia	The First Ever Private Eco-System: Secured Coin, Hybrid DEX and Crypto Debit Cards.	Exchange	2018/8/15	0.25 USD
DST	DST	Singapore	DST is a decentralize silver ecosystem with underlying blockchain technology.	Tokenization	2018/8/15	0.0006 ETH
Enkidu	ENK	Singapore	Next generation teams and payment splitting. Possible only on the blockchain.	Platform	2018/8/15	0.056 USD
Xenchain	XENC	Singapore	Secure • Immutable • Irrefutable.	Coin	2018/8/15	0.16 USD
EtherAce Speculation Platform	ACED	Switzerland	EtherAce is a decentralized speculation platform.	Exchange	2018/8/16	0.052 USD
DICEGAME	Dice	UK	DICEGAME: only white box algorithms, clear and user-friendly conditions of games, transparent transactions, no limitations on deposits and withdrawals.	Entertainment Application	2018/8/16	0.0001 ETH
BaapPay	ANC	Singapore	BaapPay is a multi-layered platform which features a payment gateway, point of sale software, and our very own BaapWorld app store.	Finance Application	2018/8/17	0.0033 USD
Orch Network	ORC	Switzerland	Orch is an infinitely scalable evolutionary realtime decentralized infrastructure that's unforkable.	Platform	2018/8/17	0.2675 USD
Bitmillex	BTML	UK	Bitmillex is developed by experienced traders and experts in cybersecurity and the use of blockchain financial solutions.	Finance Application	2018/8/17	0.50 USD

ArtWook	AKC	UK	ArtWook is a platform that tokenizes the ownership of art pieces and allows individuals to buy and trade shares of the ownership.	Exchange	2018/8/17	1 ETH = 3,000 AKC
Paygine	PGC	USA	Paygine is an open financial platform designed to operate within its own proprietary banking structure.	Finance Application	2018/8/17	1 USD
Tip Blockchain	TIP	Costa Rica	Powering mass adoption of cryptocurrency through the discovery of information on the blockchain.	Coin	2018/8/17	1 ETH = 10,000 TIP
Horyou	HYT	Switzerland	Horyou, is a unique platform for social good, allowing to share ideas, be inspired and help each other.	Platform	2018/8/18	0.03 EUR
Istrium	ISM	France	Istrium is a free, simple and intuitive blockchains generator.	Platform	2018/8/19	1,200 ISM
Synco	SYNCO	Singapore	SyncoChain offers a comprehensive suite of services designed to benefit the global blockchain community.	Coin	2018/8/19	0.0125 USD

4.2 Weekly Investment Activities

9 investment activities took place in the Blockchain industry this week, with Blockchain applications receiving the most attention. SNRating received more than 10 million RMB strategic investment from OK Capital, and TokenPocket received strategic investment from Huobi Global Ecosystem Fund.

Name	Round	Amount	Investors	Category
Lambda Project	Strategic	ND	Bitmain	Blockchain Infrastructure
Shiliu Caijing	Strategic	ND	Baike.com	Blockchain Media
CBNT	Angel	10 million RMB	SMW Foundation	Blockchain Media
SN Rating	Pre-A	10+ million RMB	OK Capital	Blockchain Application
Aogeng MEME	Seed	Multimillion RMB	Guangjiantang International Group	Blockchain Application
Biquan Bangde	Pre-A	ND	Qikuailian Capital	Blockchain Media
TokenPocket	Strategic	ND	Huobi Global	Blockchain

			Ecosystem Fund	Wallet
DeLink	Strategic	ND	ND	Blockchain Application
Timecoin6	Angel	Multimillion RMB	Xu Hanjie, Wu Bin	Blockchain Application
Data Source: IT juzi				

Huobi Research

About Us：

Huobi Research was founded in April 2016 and started research and explorations in various aspects in Blockchain area since March 2018. We cover various fields such as Blockchain technology research, industry analysis, application innovation and economic model explorations. We aim to establish a research platform and to offer theoretical foundations as well as judgements of trends in Blockchain to the public, ultimately promoting the development of the Blockchain industry.

Huobi Data Analytics Weekly aims to provide participators of the cryptocurrency market with the most up-to-date and comprehensive database to help them facilitate decision-making process.

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