

STATE OF Litecoin

2017

FoOTOO Lab
<https://twitter.com/footoo>

Table of Contents

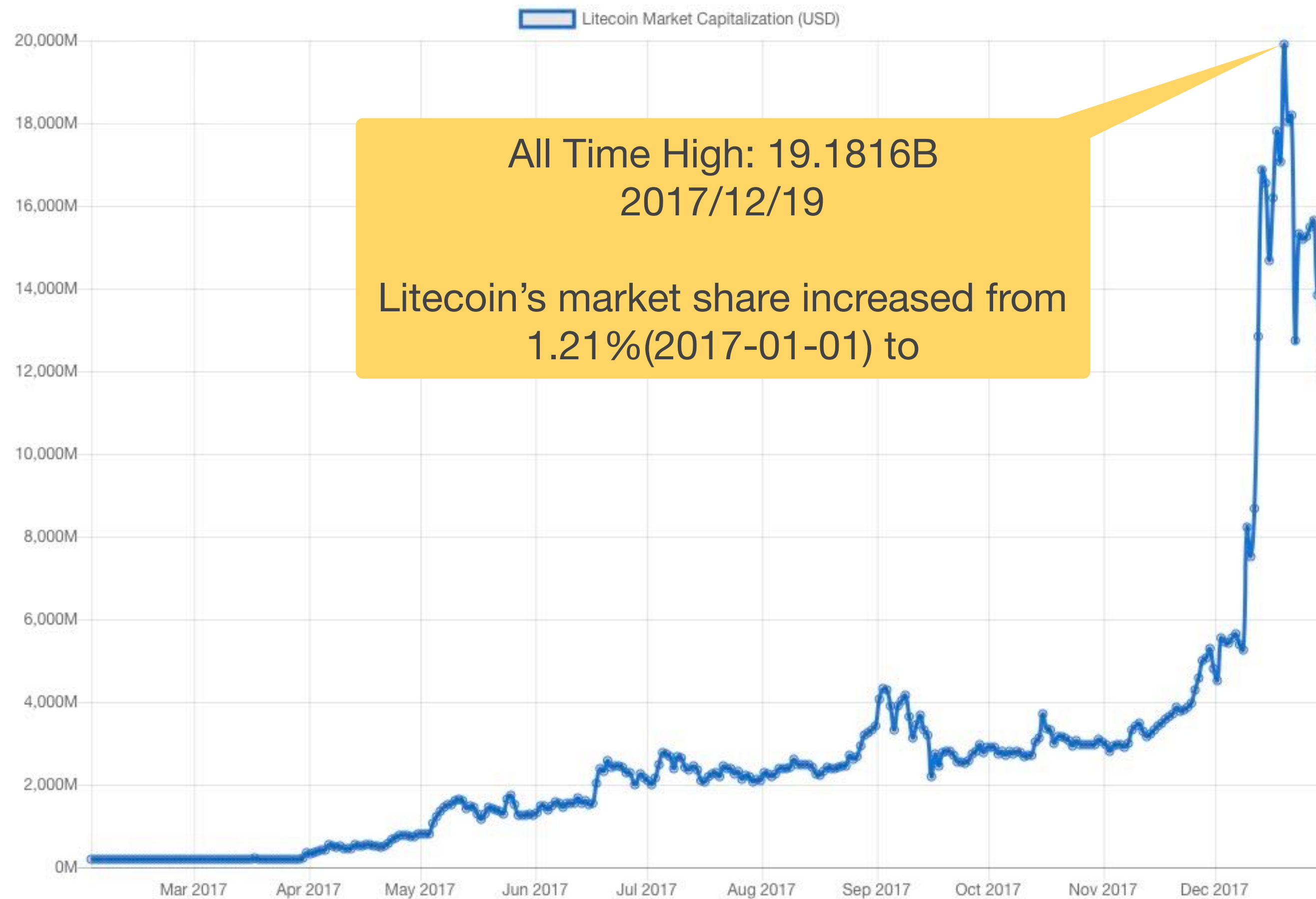
Topic	Page No.
Currency Statistics	3
Block Details	11
Network	14
Mining	21
Development & Community	26
Competitors	32
About	41

Currency Statistics

Market Capitalization

64x in 2017

■ Litecoin Market Capitalization (USD)



2017-01-01	2017-12-31
188M USD	12.048B USD







Litecoin's market cap quadrupled from \$5,000 million at the beginning of Dec 2017 to \$19,186 million at mid-December, reaching all-time high.

A major correction followed, however, bringing the market cap down to \$12,000 million at the end of Dec.







MarketCap Rank

from 4th to 6th

2017-01-01 Rank 4

▲ #	Name	Symbol	Market Cap	Price
1	 Bitcoin	BTC	\$15,482,057,105	\$963.06
2	 Ethereum	ETH	\$722,829,967	\$8.26
3	 Ripple	XRP	\$237,638,345	\$0.006540
4	 Litecoin	LTC	\$214,726,272	\$4.37
5	 Monero	XMR	\$185,582,499	\$13.58
6	 Ethereum Classic	ETC	\$127,129,044	\$1.45

2017-12-31 Rank 6

▲ #	Name	Symbol	Market Cap	Price
1	 Bitcoin	BTC	\$220,903,949,498	\$13,170.18
2	 Ripple	XRP	\$82,199,880,481	\$2.12
3	 Ethereum	ETH	\$69,767,510,695	\$721.66
4	 Bitcoin Cash	BCH	\$41,526,715,510	\$2,459.32
5	 Cardano	ADA	\$18,030,140,406	\$0.695418
6	 Litecoin	LTC	\$12,000,947,760	\$220.00

Here come two new players, Bitcoin Cash and Cardano. Cardano is a decentralized public blockchain and cryptocurrency project. Bitcoin Cash is a hard fork of Bitcoin.

Source: <https://coinmarketcap.com/>

Copyright © 2018 FoOTOO Lab. All Rights Reserved. All figures, charts and graphs are based on data from <http://litecoin.footoo.org> unless otherwise stated



FoOTOO

Market Price (USD)

51x in 2017

■ Litecoin Market Price (USD)



2017-01-01	2017-12-31
4.389 USD	225.301 USD

The growth rate ranks 6th in top 10 cryptocurrencies

Rank	Coin	Growth
1	Ripple	34,032%
2	NEM	31,765%
3	Stellar	16,550%
4	Ethereum	9,506%
5	Dash	9,397%
6	Litecoin	5,176%
7	Cardnano	2,759%
8	Bitcoin	1,387%
9	IOTA	624%
10	Bitcoin Cash	536%

Growth rate data source: coingecko.com

Market Price (BTC)

3.6x in 2017

■ Litecoin Market Price (BTC)



2017-01-01

0.004491
BTC

2017-12-31

0.01638
BTC

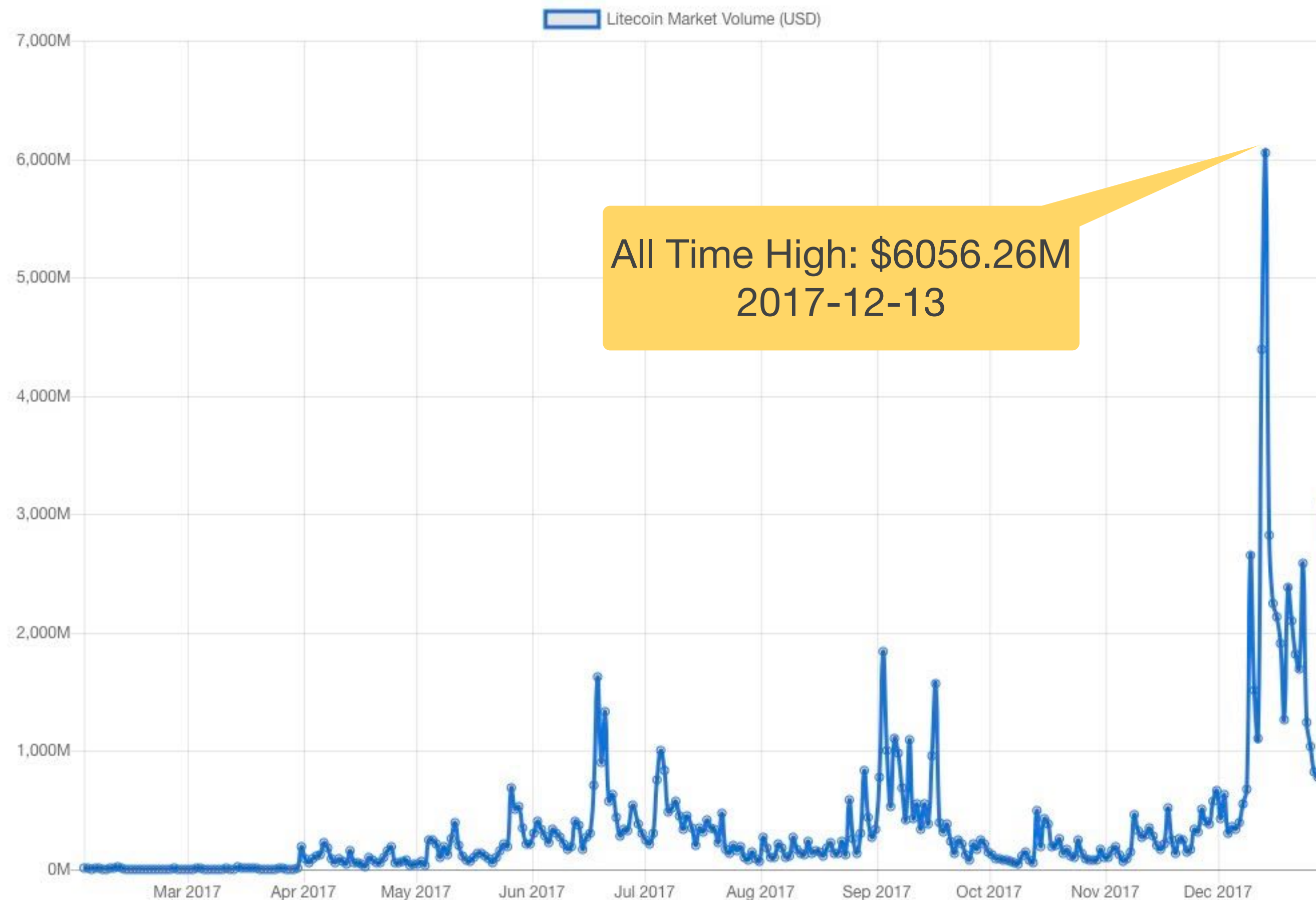
LTC/BTC ratio spikes to 0.021378 on July 17, 2017, reaching all-year high.

The LTC/BTC all time high is 0.0482909

Daily Trade Volume (USD)

High Trade Volume

■ Litecoin Market Volume (USD)

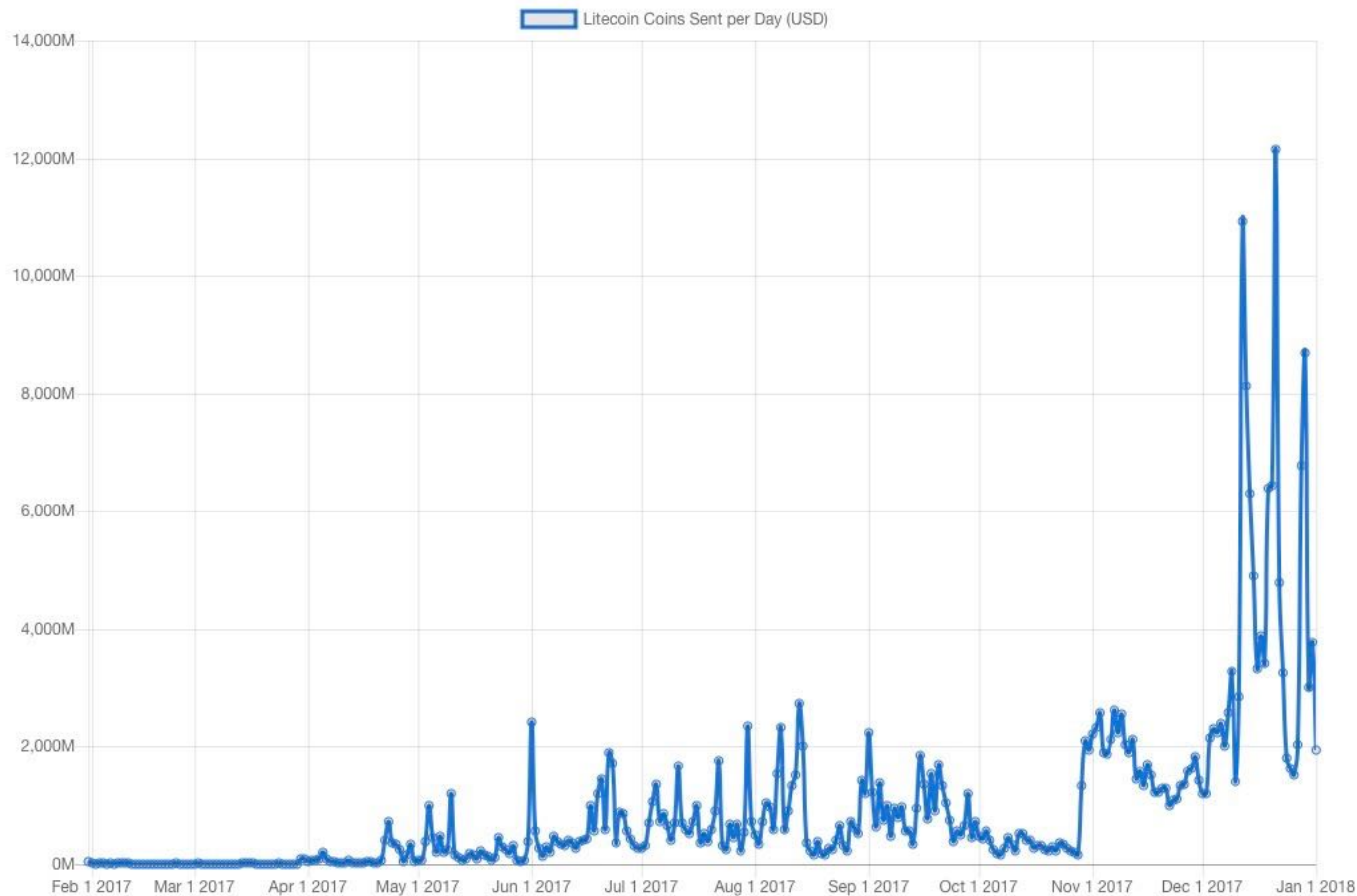


Date	Volume	Marketcap	%
2017-01-01	8.53M	188M	4.53%
2017-12-13	6056.26M	16872.76M	35.89%
2017-12-31	851.54M	11847.97M	7.19%

Daily Sent Volume (USD)

High Sent Volume

■ Litecoin Coins Sent per Day (USD)



Date	Volume	Marketcap	%
2017-01-01	46.67M	188M	24.82%
2017-12-21	12152.33M	18178.29M	66.85%
2017-12-31	3765.9M	11847.97M	31.78%

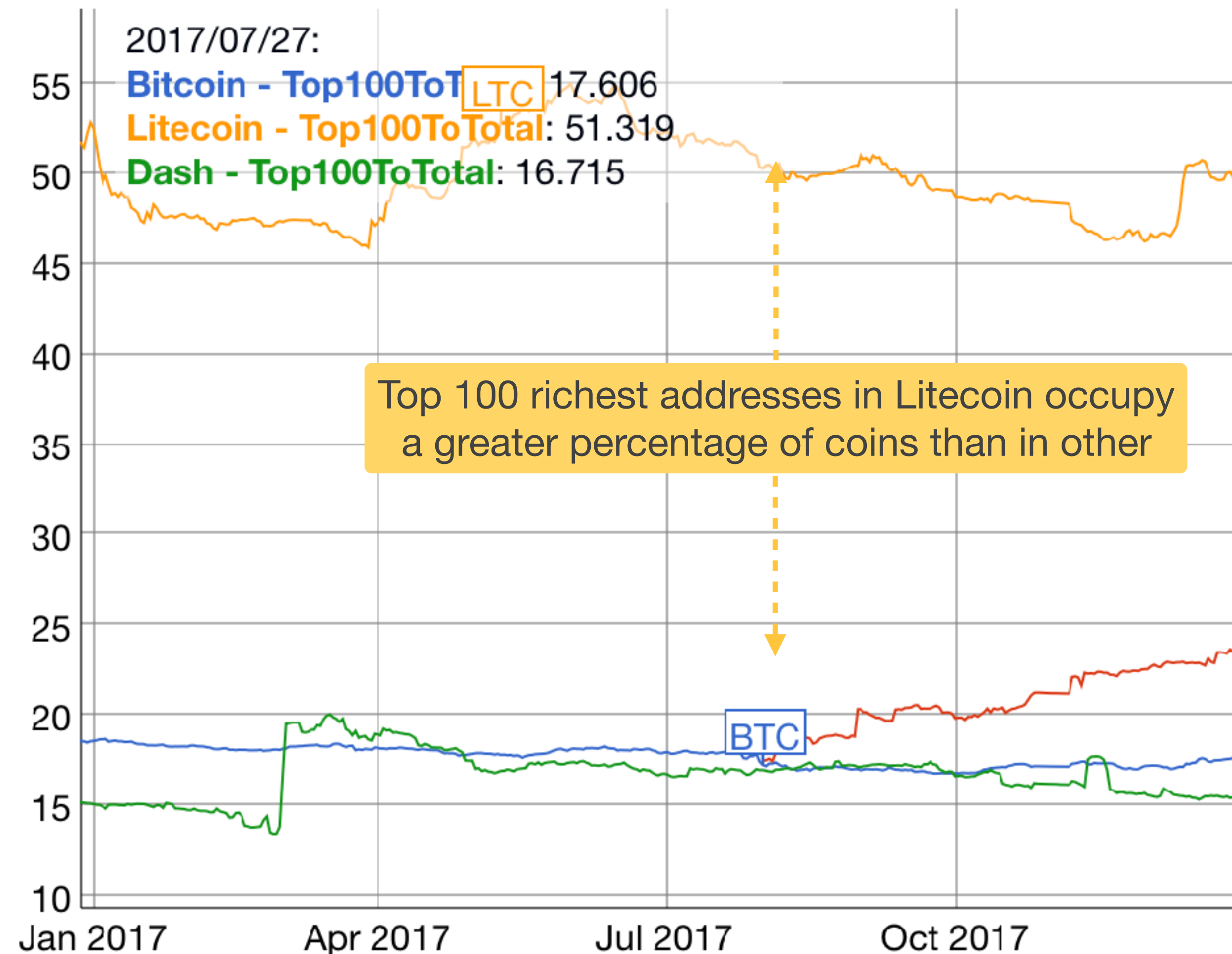
The Daily Sent Volume is more than the Daily Trade Volume



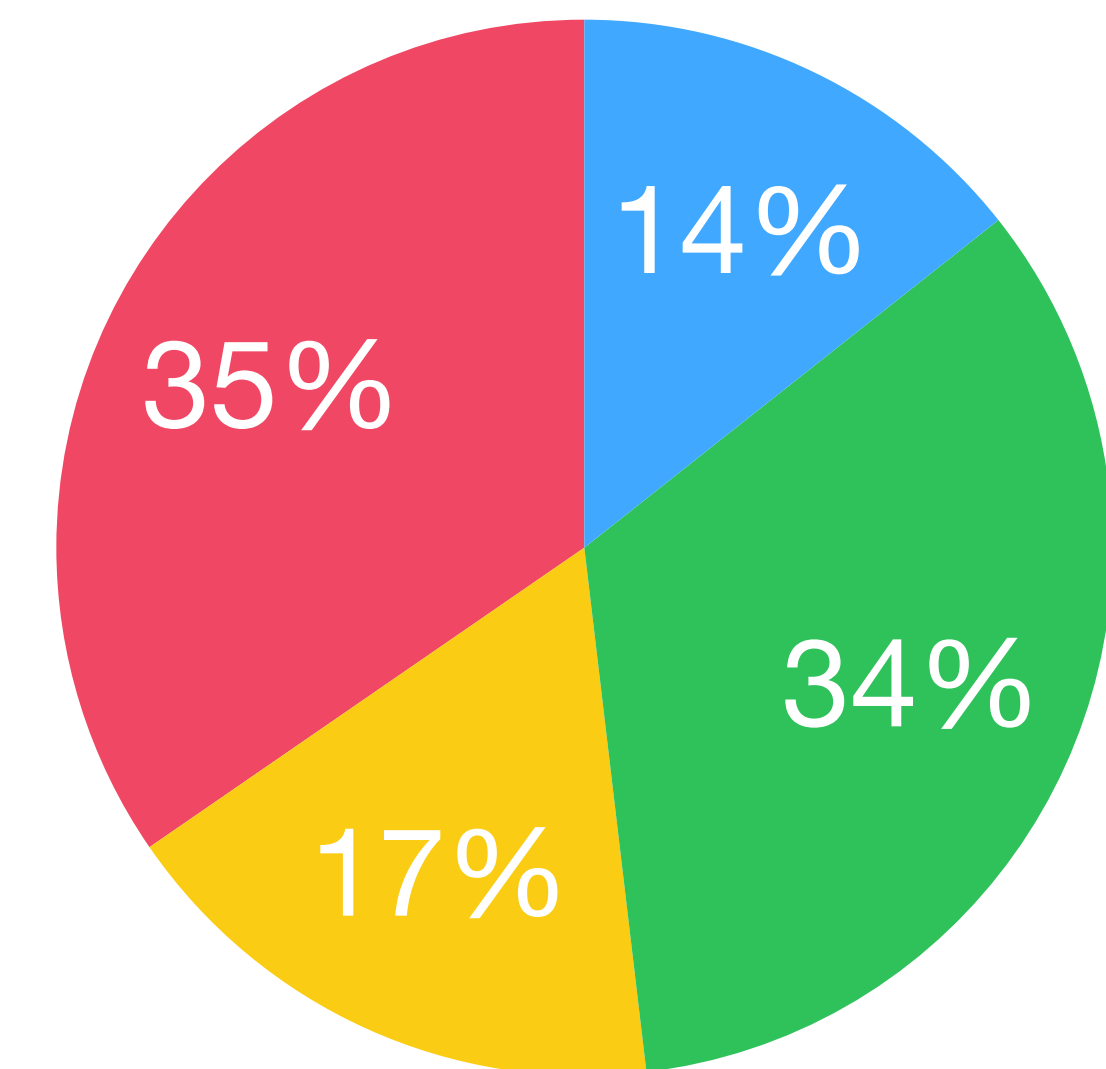
Wealth Distribution

Top 100 Hold Nearly Half of Total Coins

Percentage of Top 100 Addresses to Total



- Top 10
- Top 11 -100
- Top 100-1000
- Others



Source: <https://bitinfocharts.com/>

Copyright © 2018 FoOTOo Lab. All Rights Reserved. All figures, charts and graphs are based on data from <http://litecoin.footoo.org> unless otherwise stated

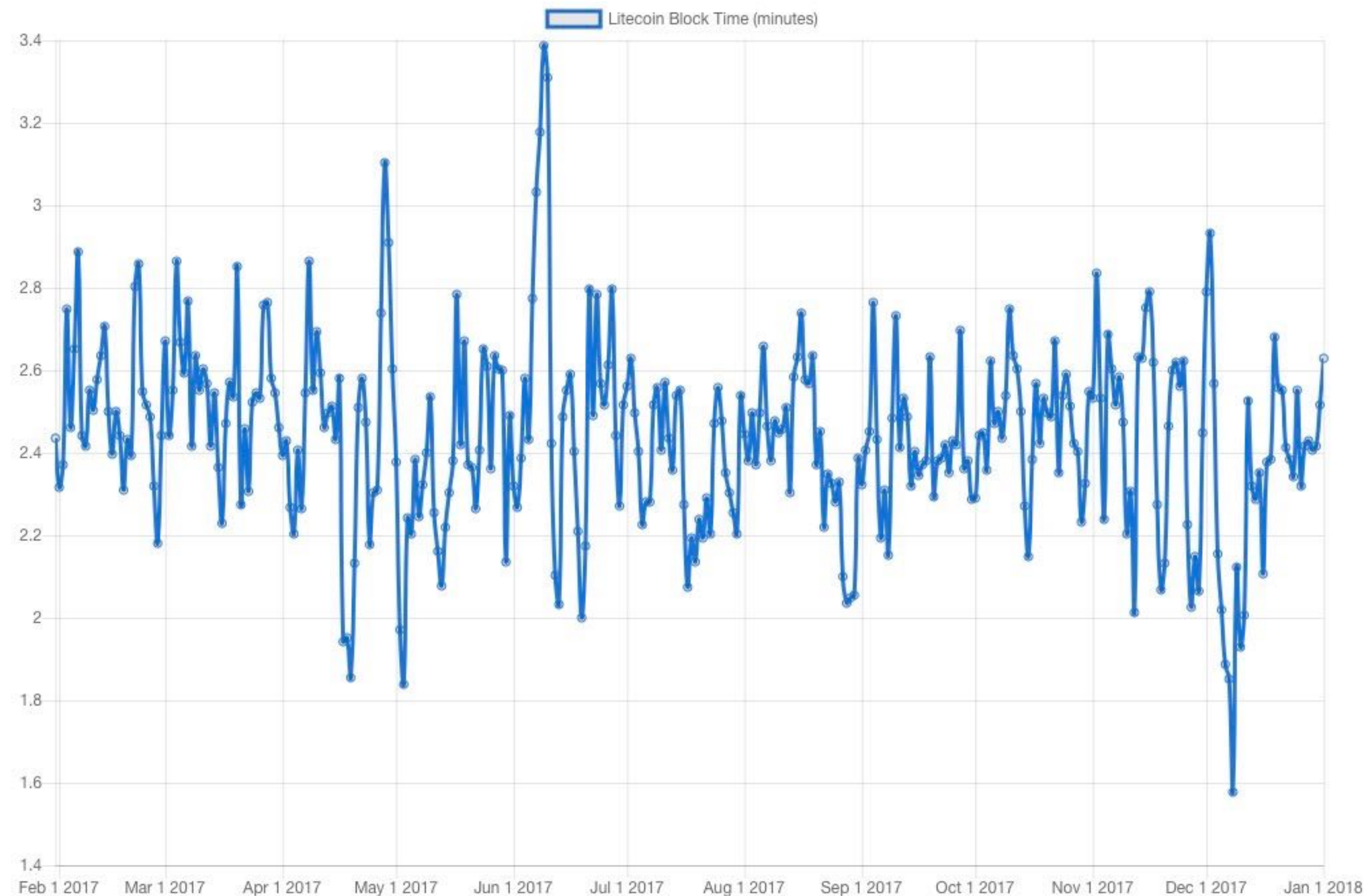


Block Details

Block Time

No significant fluctuations

■ Litecoin Block Time (minutes)

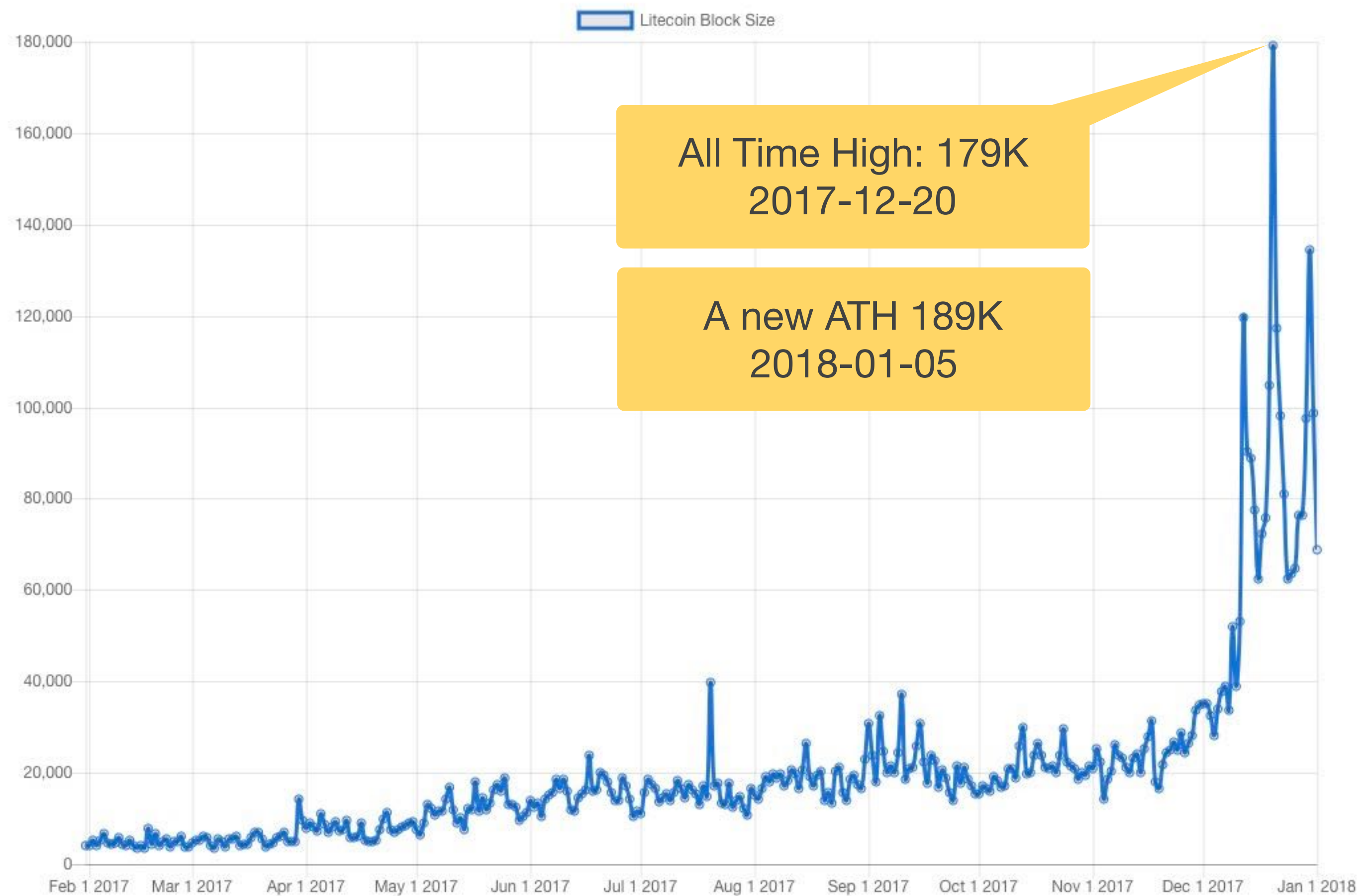


Coin	Block Time
Litecoin	2.5 m
Bitcoin Cash	10 m
Dash	2.5m
Monero	2m

Block Size

Significant Growth

■ Litecoin Block Size



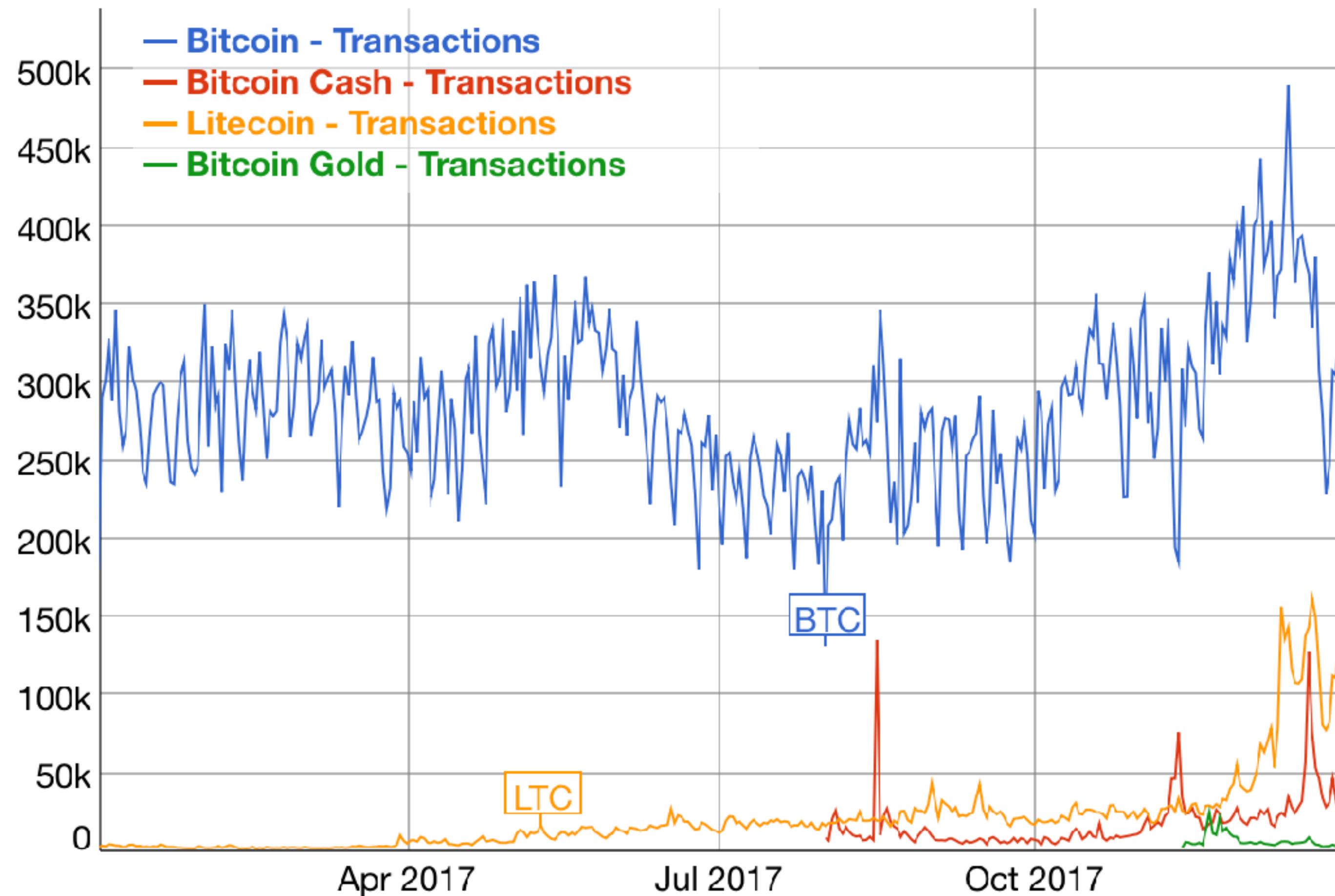
Coin	2017-01-01	2017-12-31
Litecoin	5.10K	98.65K
Bitcoin	698.46K	960.78K
Dash	2.87K	12.01K

As the number of transactions increasing in 2017, the block size gained significant growth.

Network

Transactions

Significant Growth



The number of transactions is a very important indicator of the network.

Litecoin's number of transactions is about one third to one fifteenth of Bitcoin's.

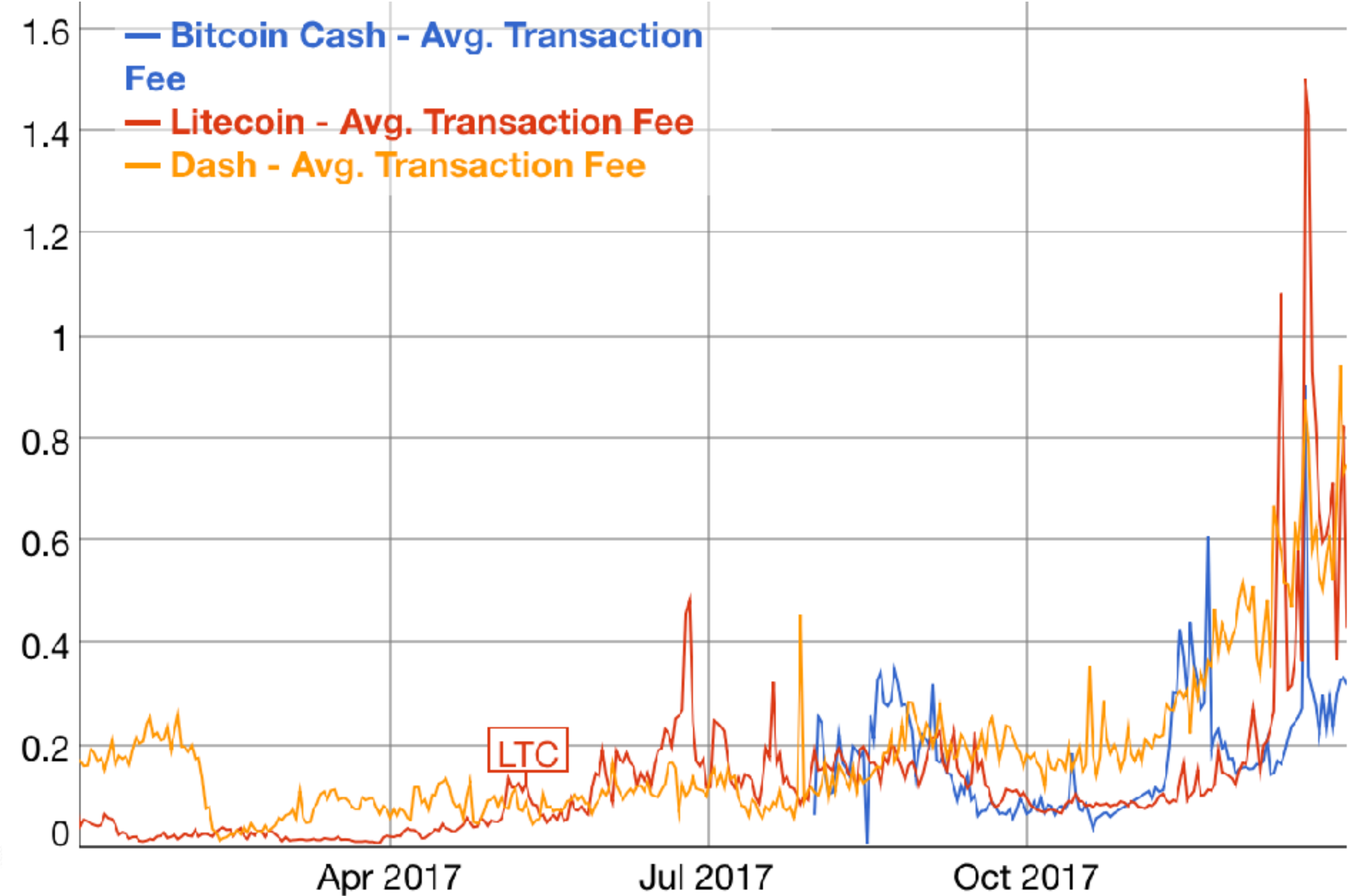
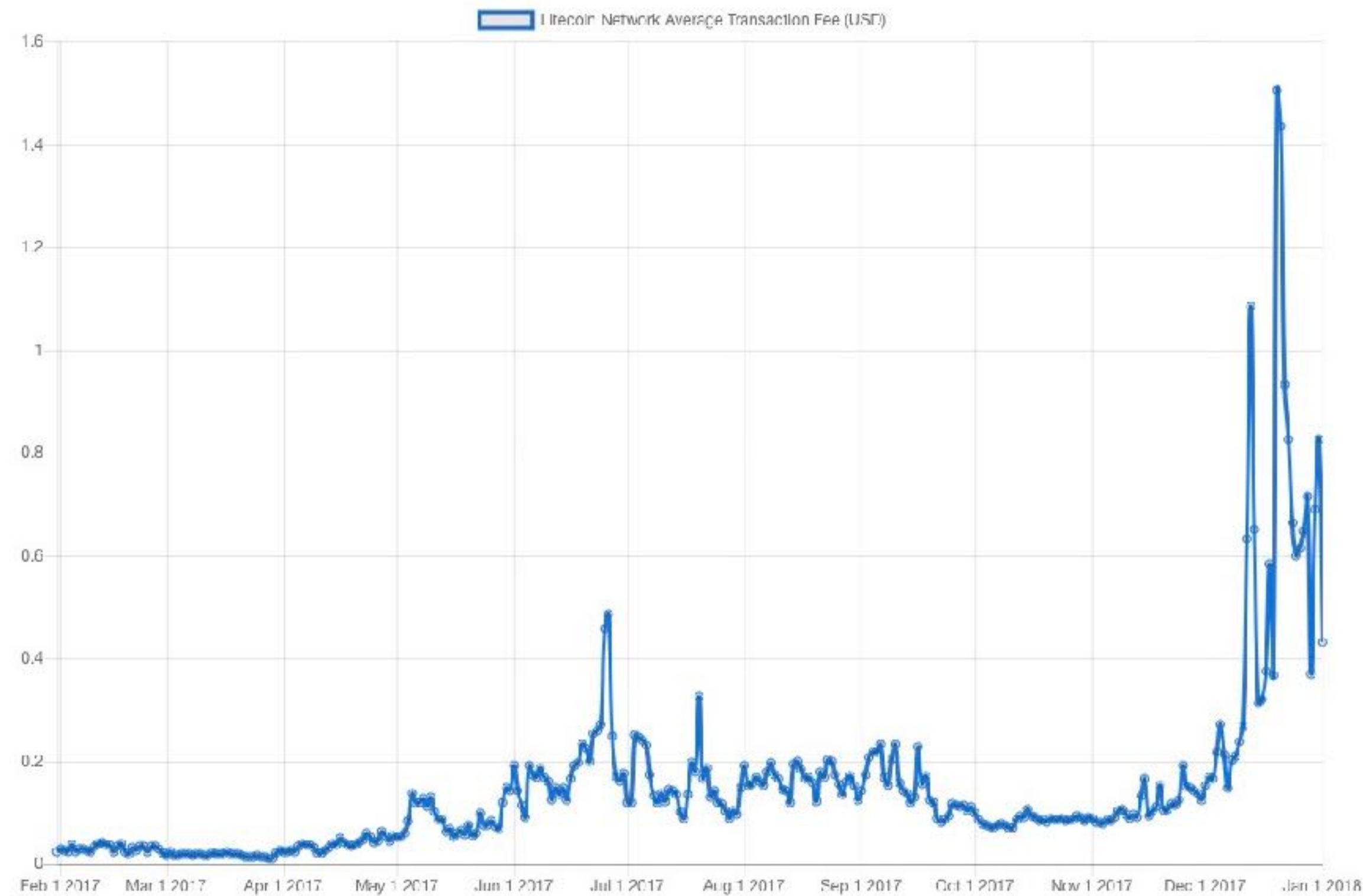
Litecoin's number of transactions is more than BCH, and far more than BTG

Source: <https://bitinfocharts.com/>



Average Transaction Fee

■ Litecoin Network Average Transaction Fee (USD)



Spikes in Litecoin's number of transactions naturally leads to a rise of transactions fee.

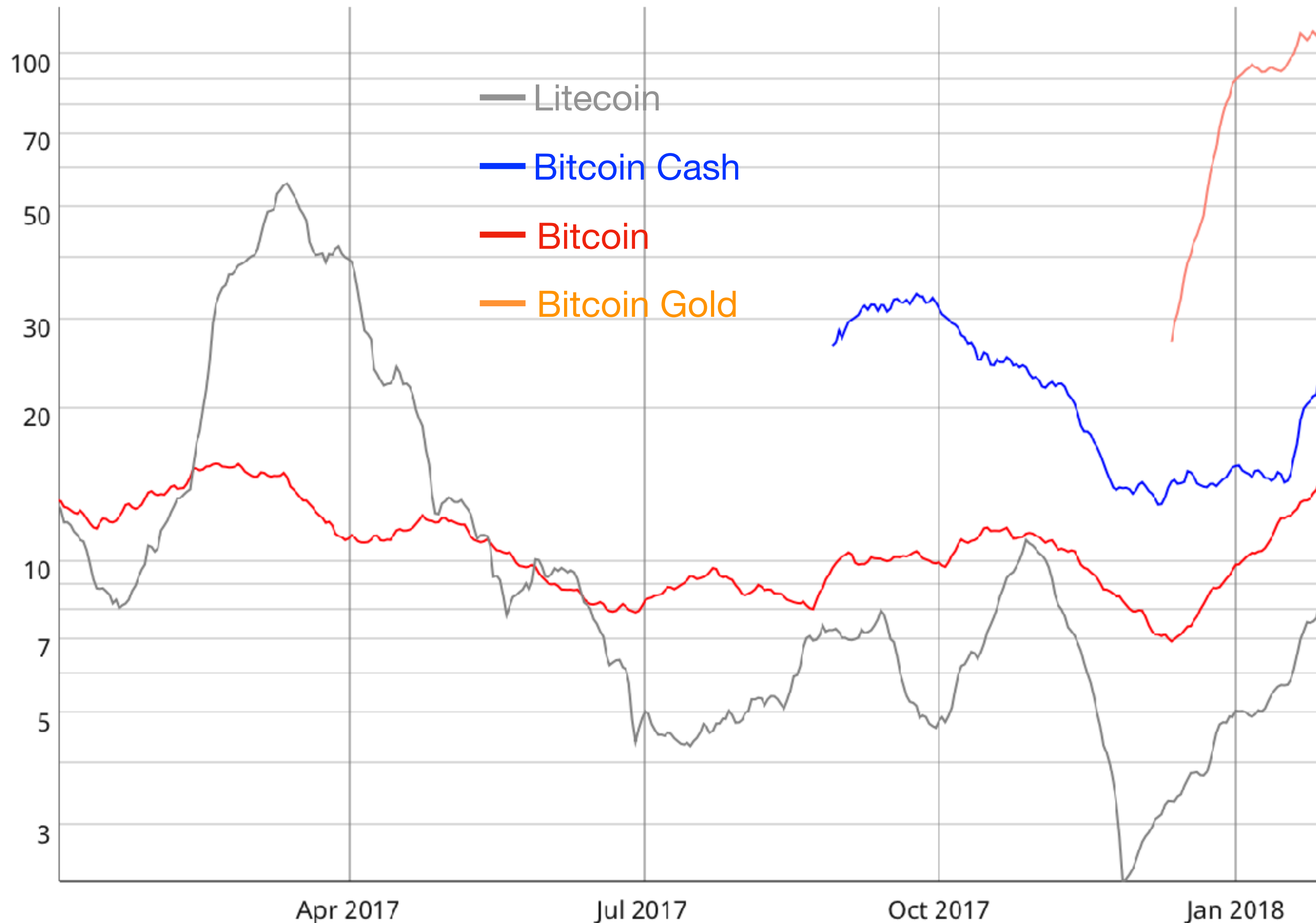
Source: <https://bitinfocharts.com/>

Copyright © 2018 FoOTOO Lab. All Rights Reserved. All figures, charts and graphs are based on data from <http://litecoin.footoo.org> unless otherwise stated



Network Value to Transaction Ratio

Undervalued



“The Network Value to Transactions (NVT) ratio measures the dollar value of cryptoasset transaction activity relative to network value. This is a simple way to compare how the market prices one unit of on-chain transactions across different networks.

Generally speaking, a “low” market to transaction value denotes an asset which is more cheaply valued per unit of on-chain transaction volume.”

- coinmetrics.io

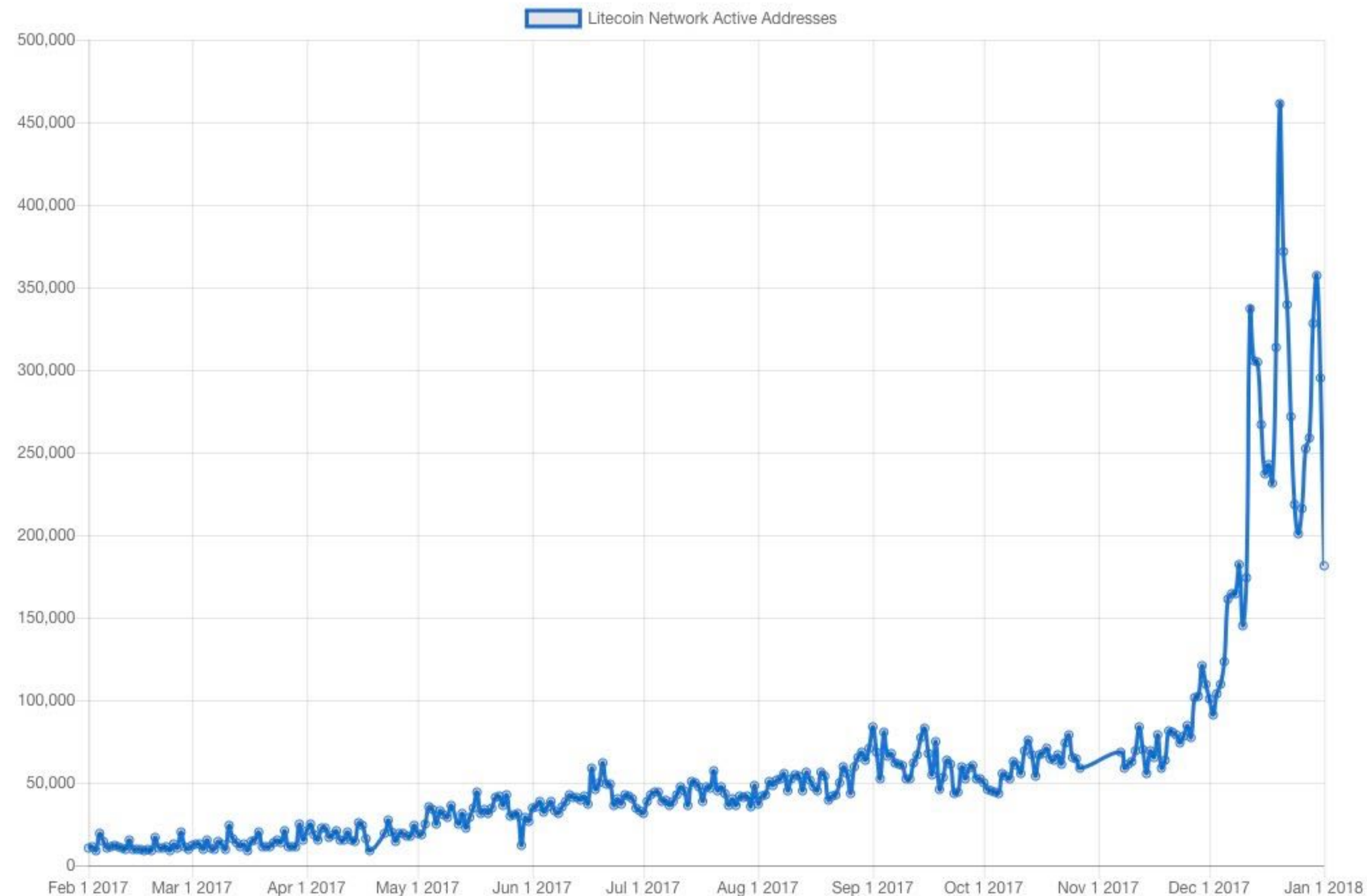
Source: <https://coinmetrics.io/>



Active Addresses

Sharp Growth

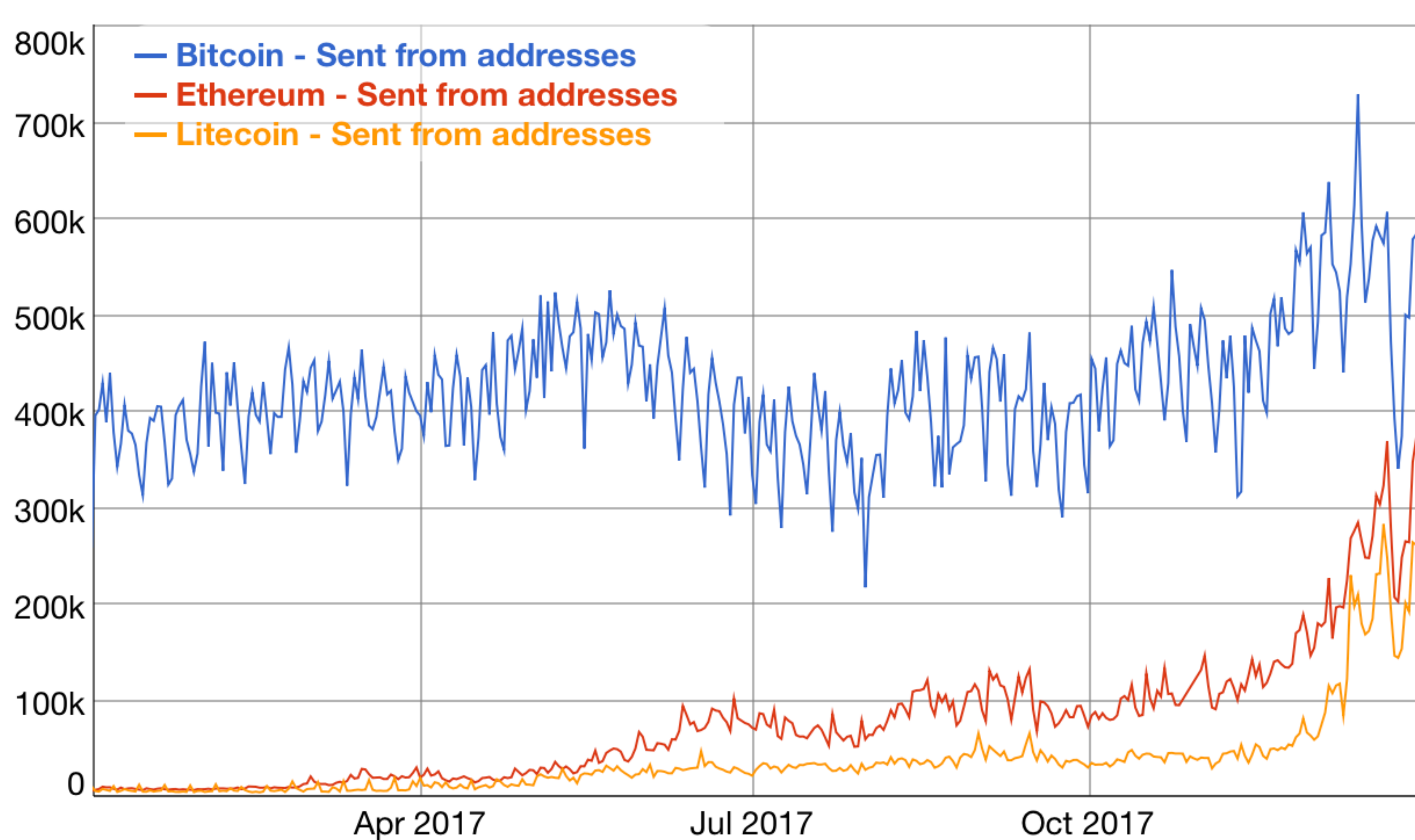
■ Litecoin Network Active Addresses



The sharp growth in Litecoin's number of active addresses indicates a wider adoption of Litecoin in 2017.

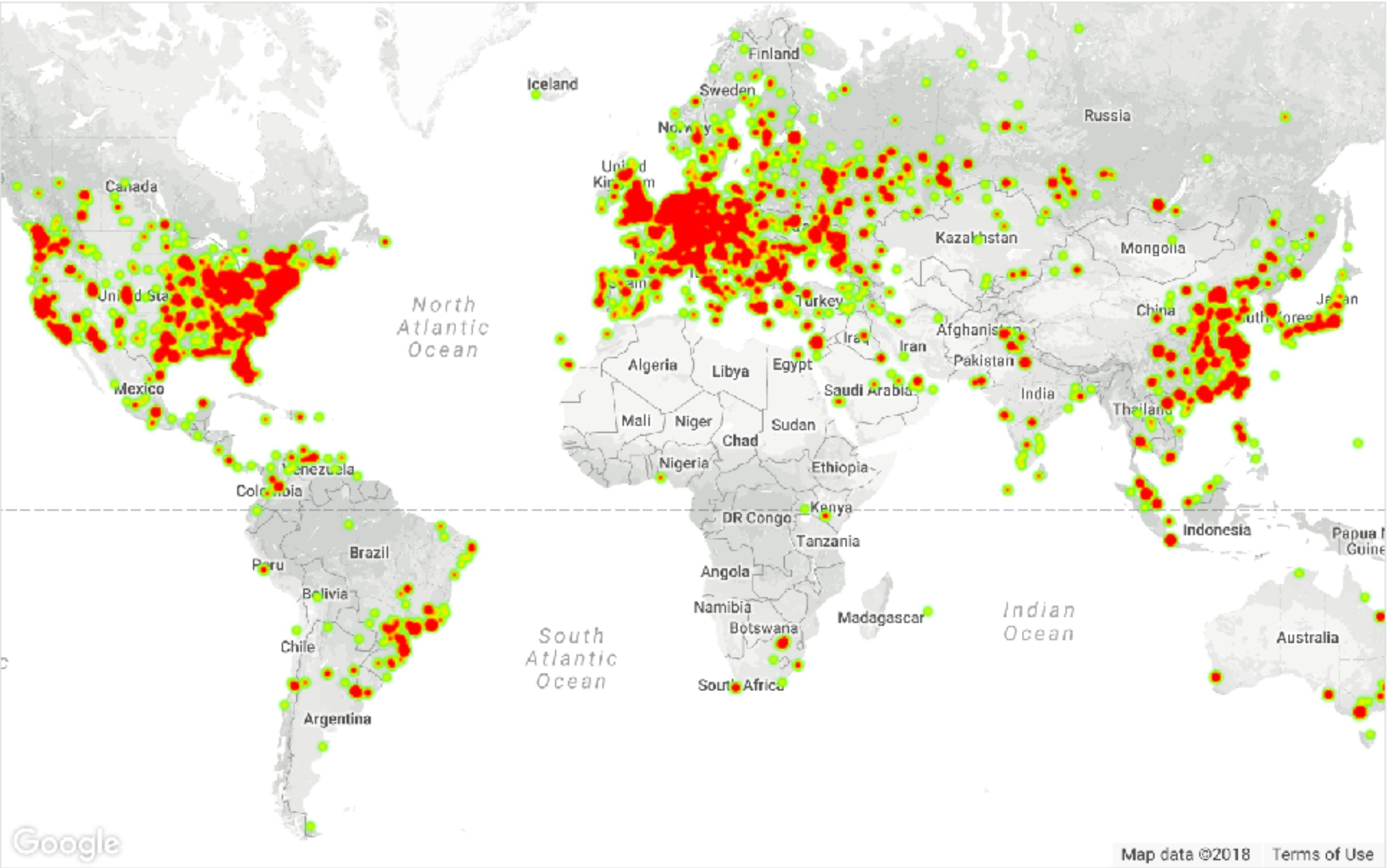
Unique Addresses

Very Active



Regarding the number of unique addresses, Litecoin is now closing in on Ethereum and Bitcoin, forming a positive network effect.

Nodes



1	United States	3537
2	China	1518
3	Unknown	1142
4	Russian Federation	1142
5	Germany	769
6	United Kingdom	729
7	Canada	475
8	Netherlands	376
9	France	310
10	Ukraine	298
11	Brazil	280
12	Australia	272
13	Japan	247
14	Italy	202
15	Poland	189
...	Other	2853

Coin	Nodes
Litecoin	14339
Bitcoin	62144

Bitcoin Cash 1178

The number of Litecoin's nodes is about 1/4 to Bitcoin's, leaving BCH far behind.

Source:<https://bitinfocharts.com/> <https://cash.coin.dance/nodes>

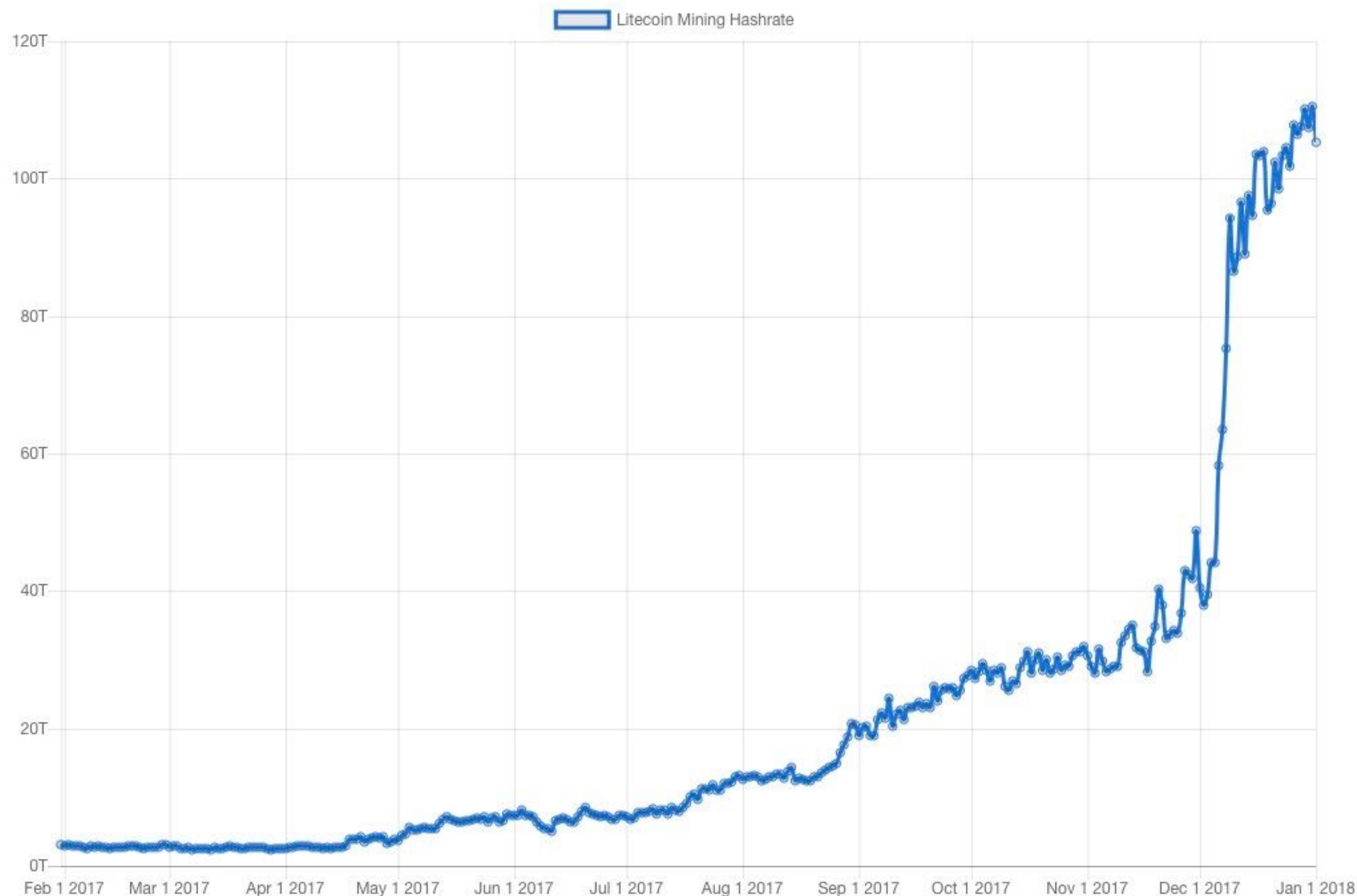


Mining

Hash Rate

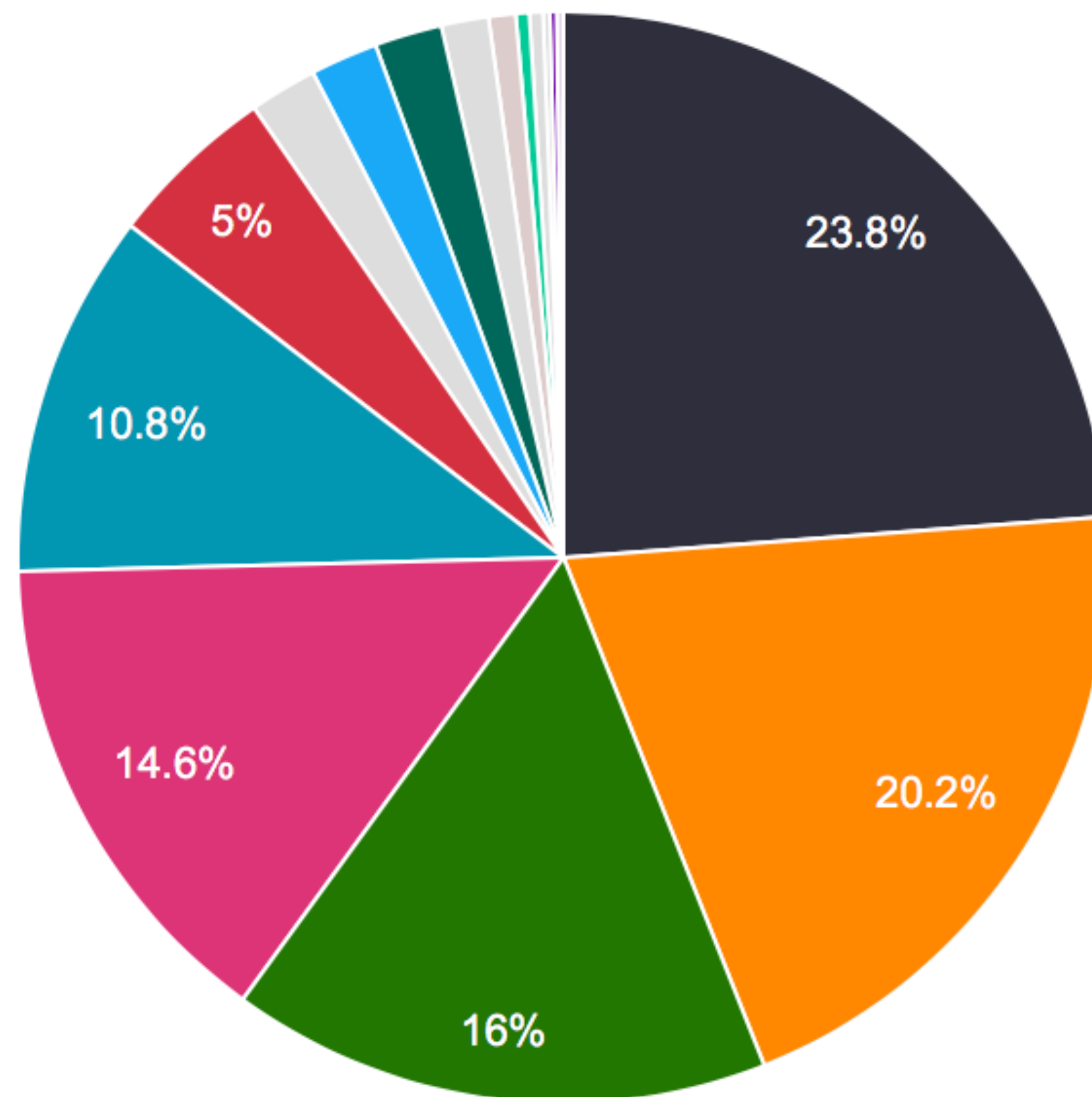
21x in 2017

■ Litecoin Mining Hashrate



The gain of hash rate during 2017, in one way or another, suggests the increased confidence of miners in Litecoin.

Hashrate Distribution



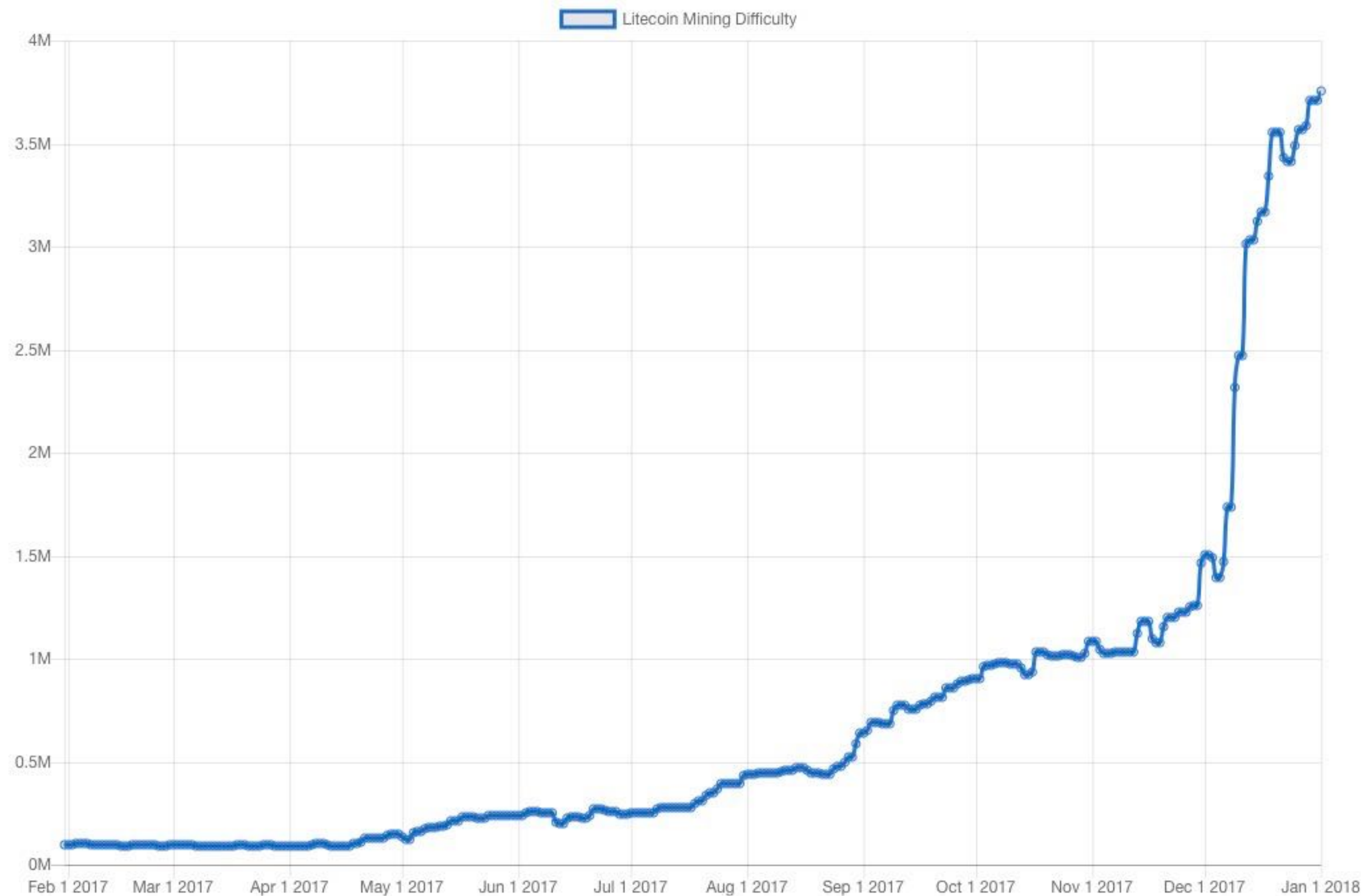
Antpool	~ 29.4 TH/s
LitecoinPool.org	~ 25.0 TH/s
F2Pool	~ 19.8 TH/s
LTC.top	~ 18.1 TH/s
ViaBTC	~ 13.4 TH/s
BW.com	~ 6.2 TH/s
LXeBbwTXnz...	~ 2.5 TH/s
BTCChina	~ 2.5 TH/s
ProHashing	~ 2.5 TH/s
LQoMbJnzRK...	~ 1.7 TH/s
TBDice.org	~ 1.0 TH/s
Give Me Coins	~ 0.5 TH/s
LSAXhjJBey...	~ 0.5 TH/s
LULnumgqPd...	~ 0.2 TH/s
Coinotron	~ 0.2 TH/s
zpool	~ 0.2 TH/s
Total	~ 123.6 TH/s

Source: <https://www.litecoinpool.org/pools>



Difficulty

■ Litecoin Mining Difficulty

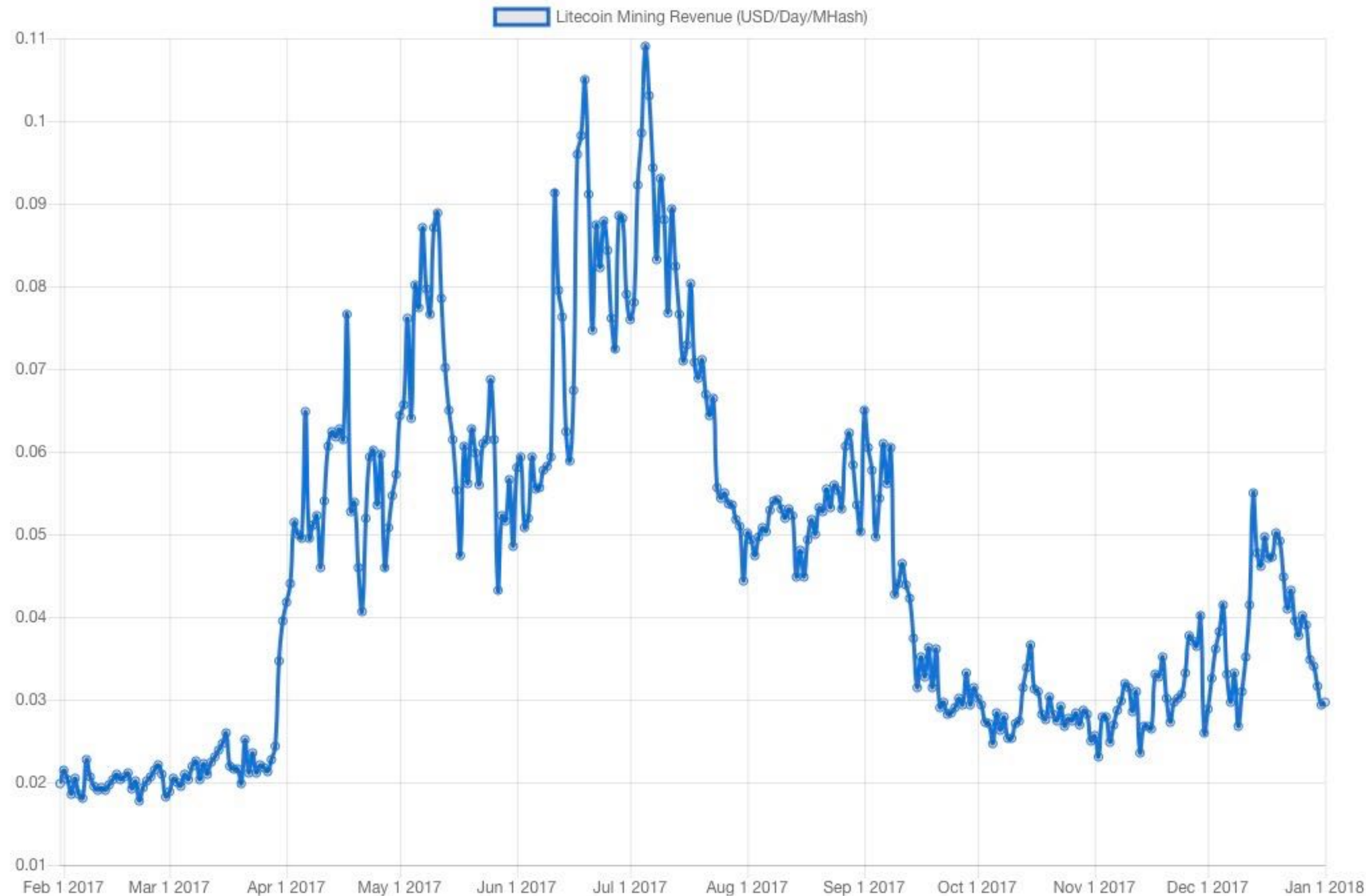


The surge of mining difficulty is a natural result of increased hash rate.

Mining Profitability

Not Good

■ Litecoin Mining Revenue (USD/Day/MHash)

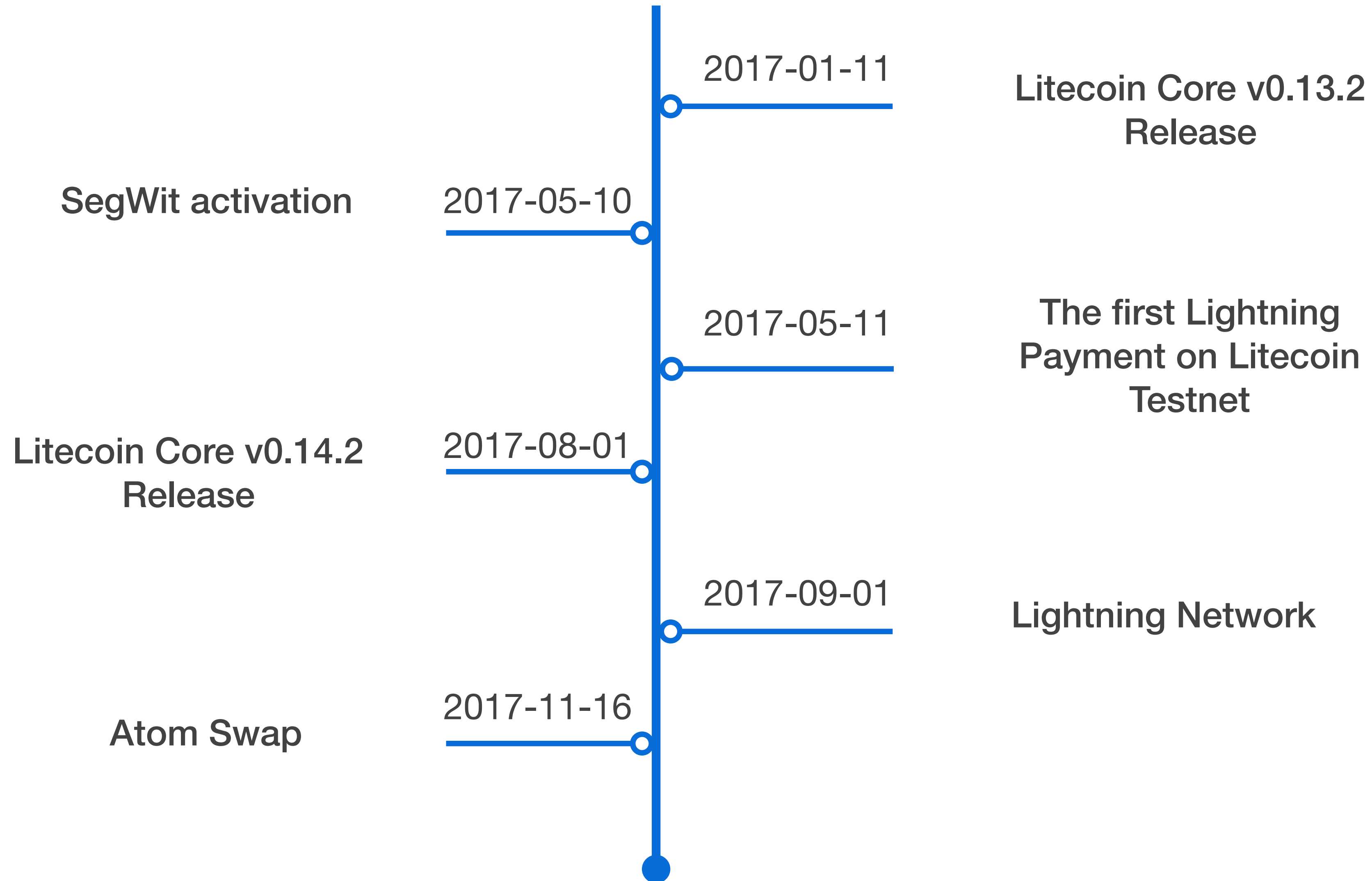


Litecoin does not has good mining profitability.

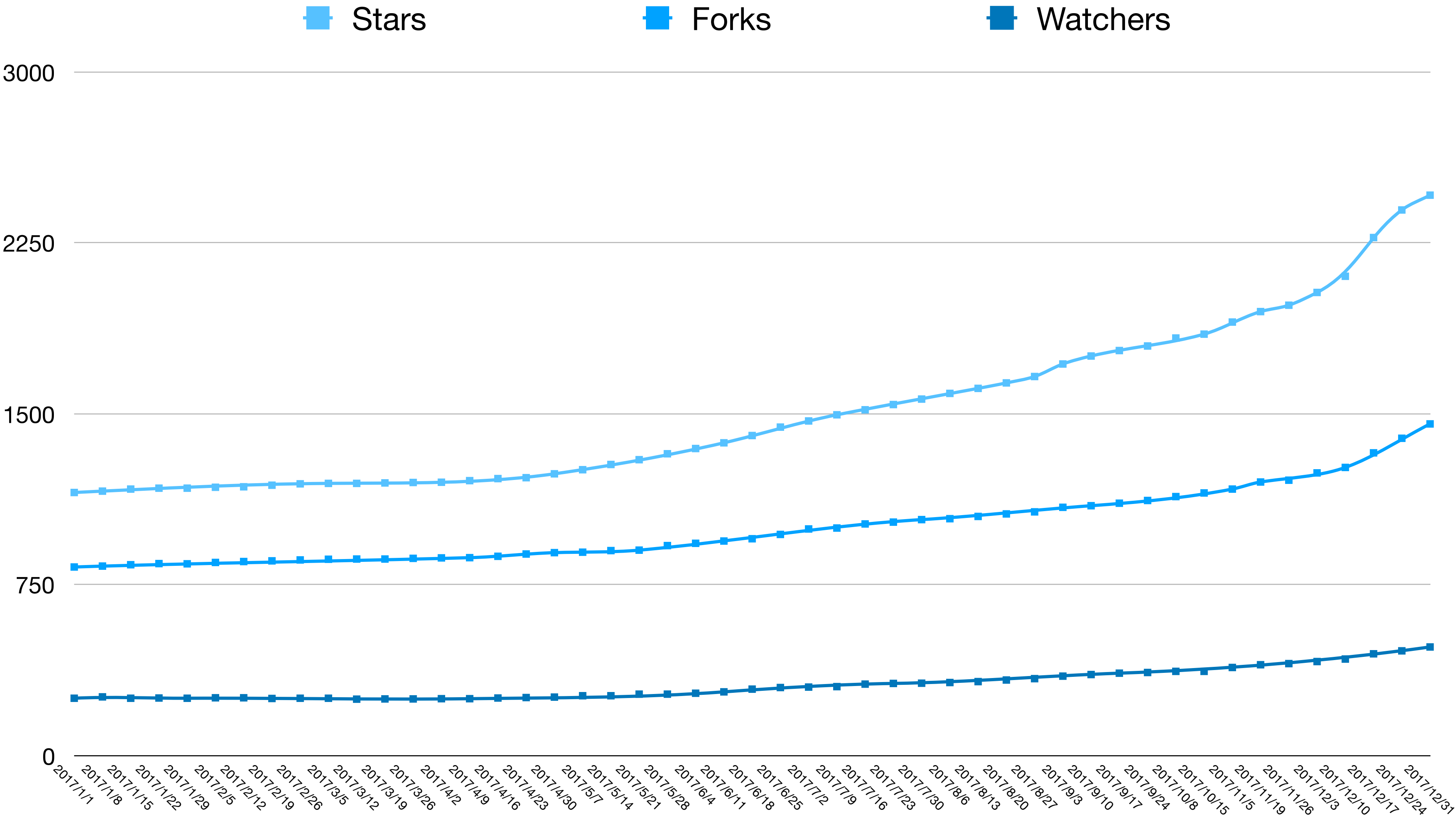
96% hash power is doing merged mining.

Development & Community

Major Events



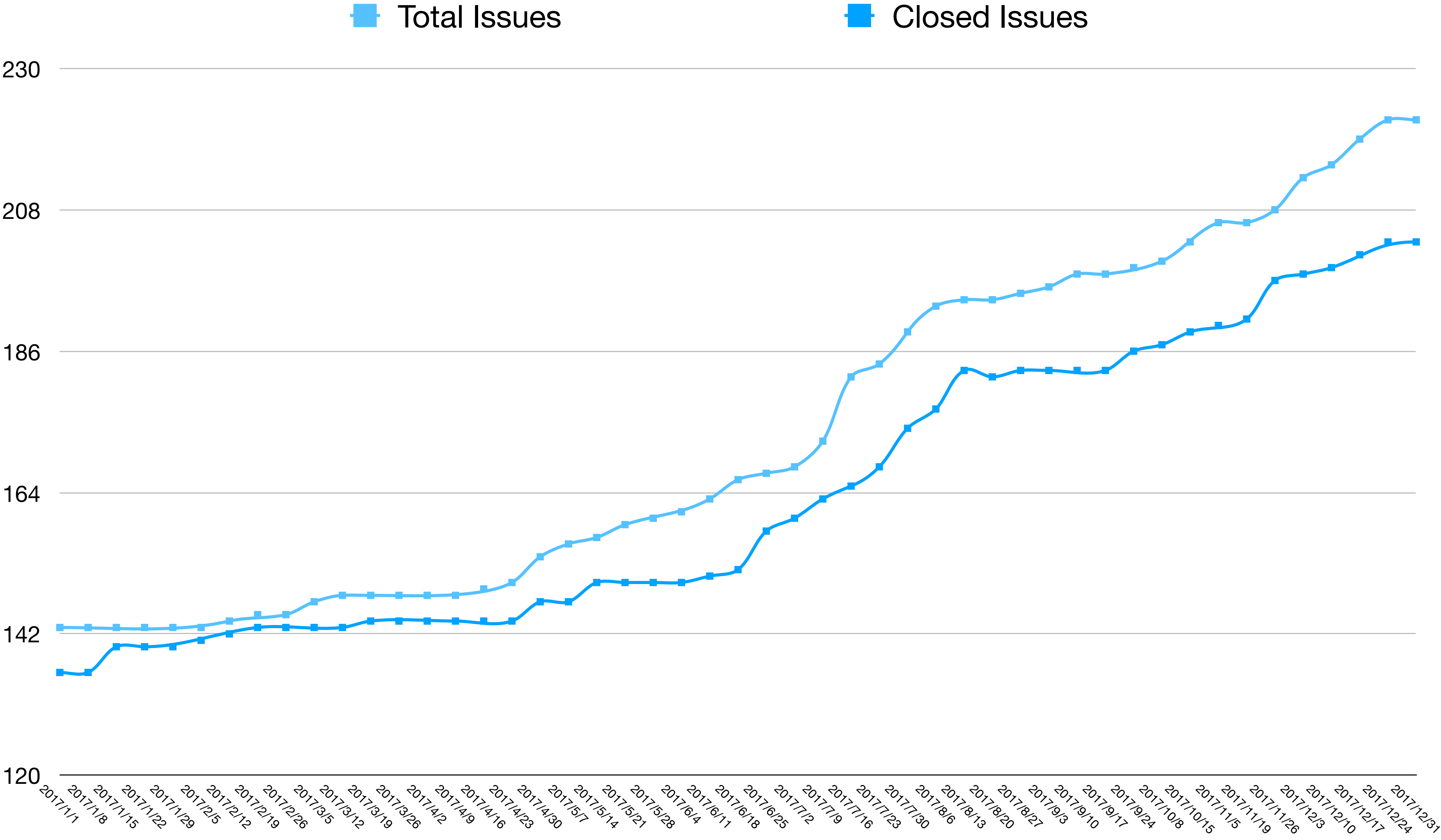
Github Statistic



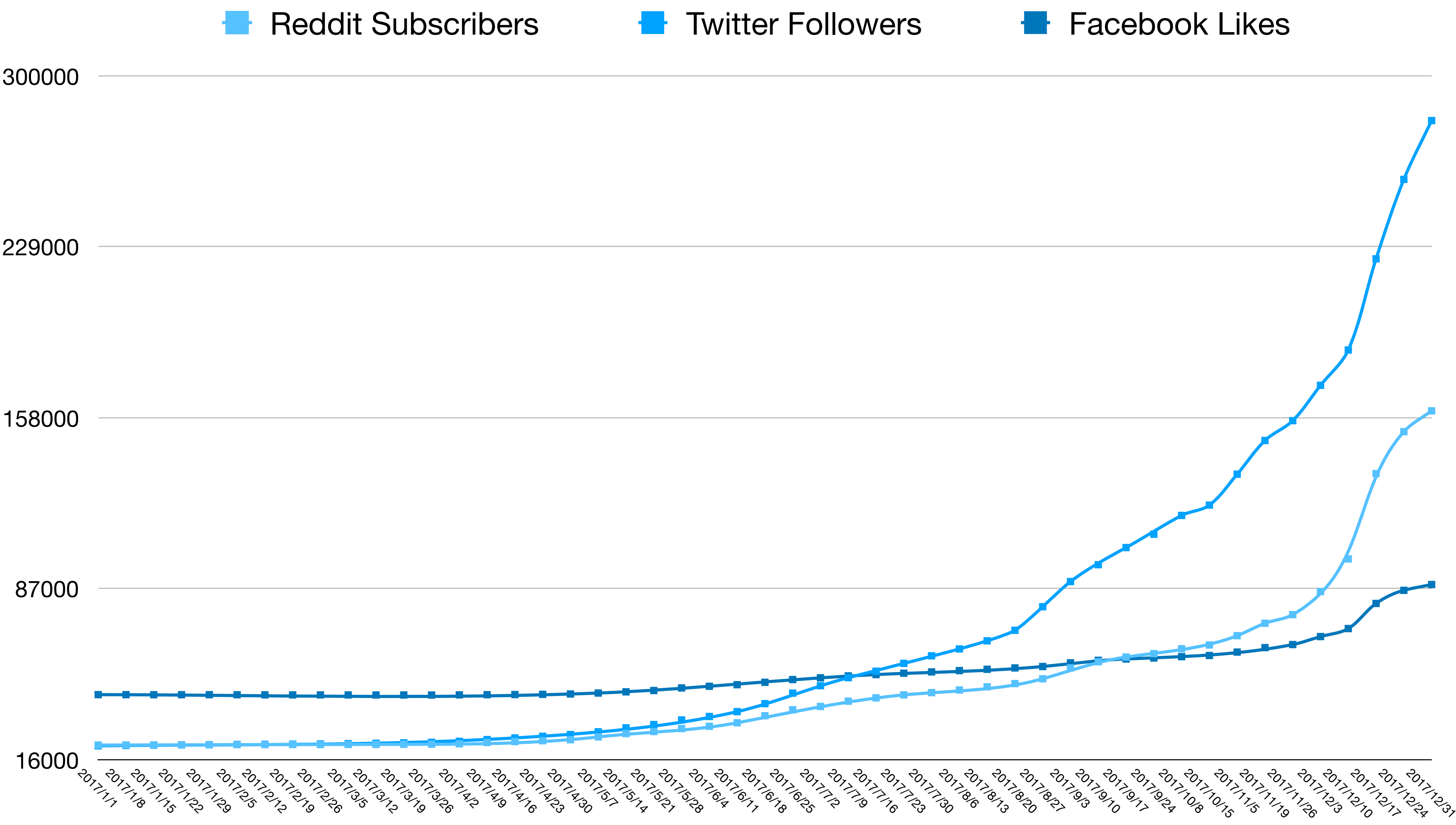
Github statistic reveals a steady growth of developers' interest in Litecoin.



Github Statistic



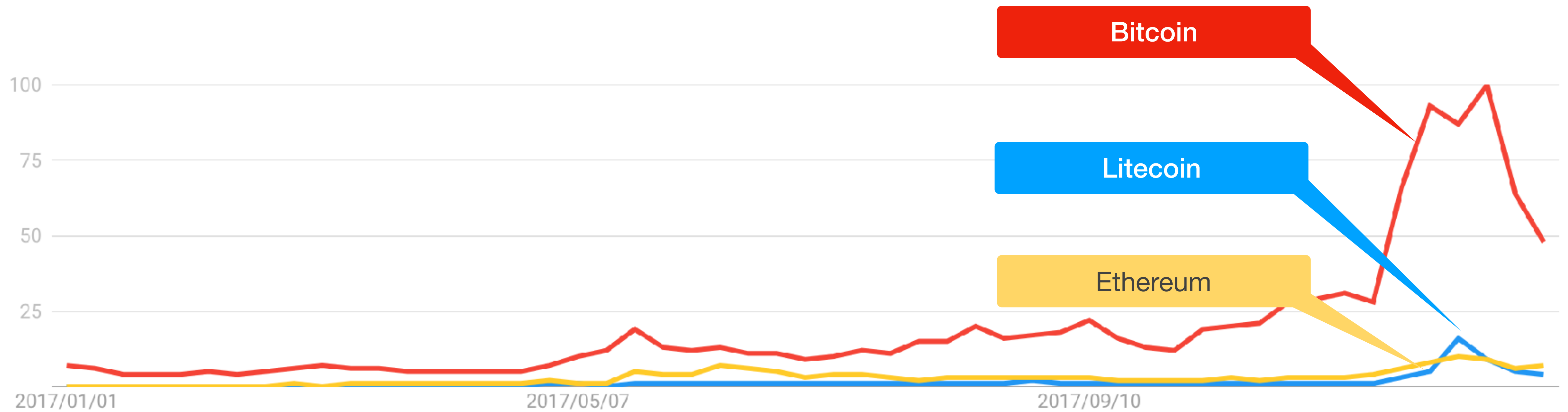
Community Statistic



Community statistic exhibits a concrete and growing community around Litecoin.

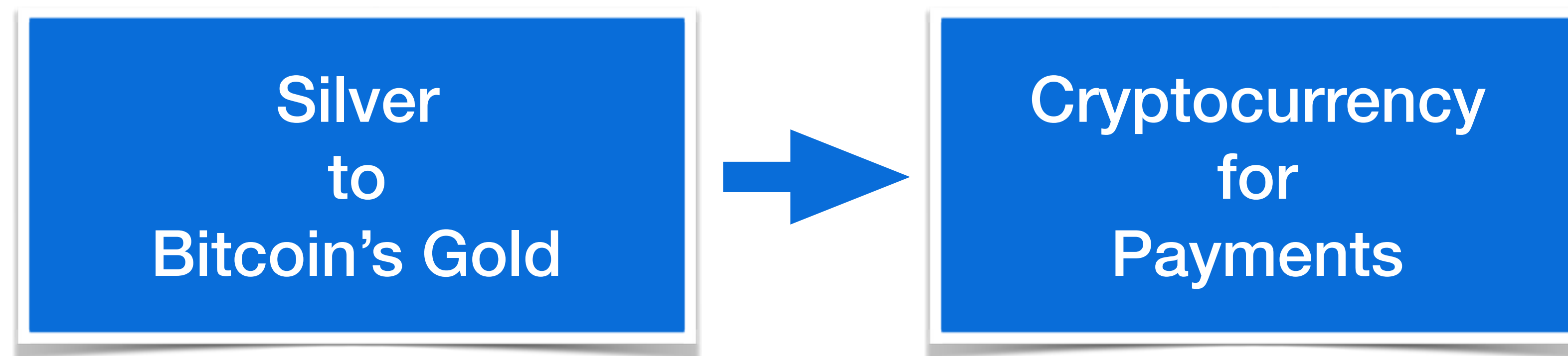


Google Trends



Google Trends also shows a growth of interest of Litecoin in 2017.

Competitors



Bitcoin for Store of Value and Litecoin for everyday payments

With the change of vision, Litecoin has some competitors in everyday payments. We select another five cryptocurrencies to compare with Litecoin. They are Bitcoin Cash, Bitcoin Gold, Dash, Monero, Zcash.

Monero and ZCash aim to be private and secure cryptocurrencies, thus, some data is not available.

Competitors in Payments

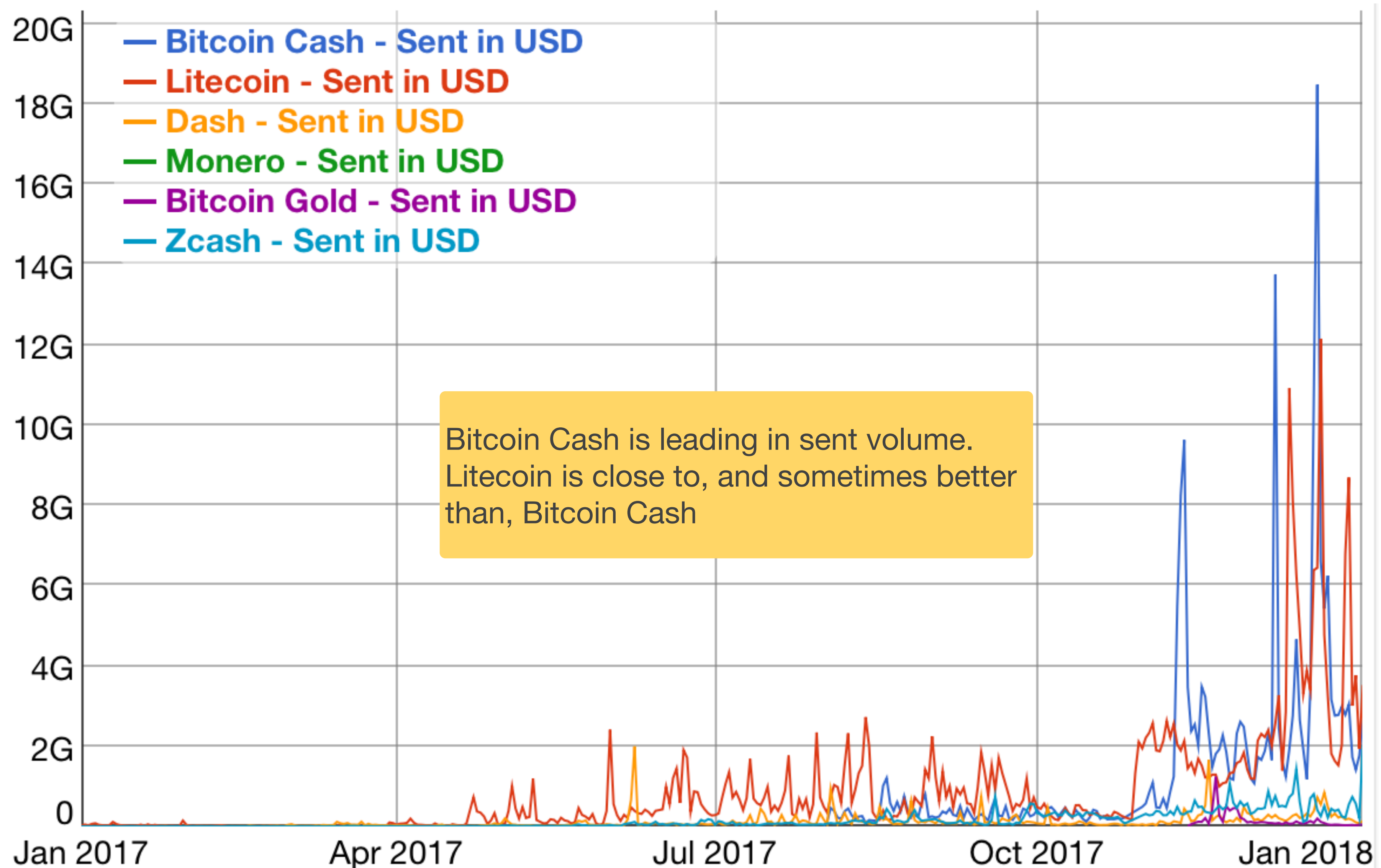
Name	2016 Rank	2017 Rank	2016 MarketCap	2017 MarketCap	Created At
Litecoin	4	6	214M	12000M	2011
Bitcoin Cash	not available	4	not available	41526M	2017
Dash	7	9	78M	7850M	2014
ZCash	18	26	16M	1453M	2016
Monero	5	11	185M	5255M	2014
Bitcoin Gold	not available	15	not available	4314M	2017

DataSource: <https://coinmarketcap.com>

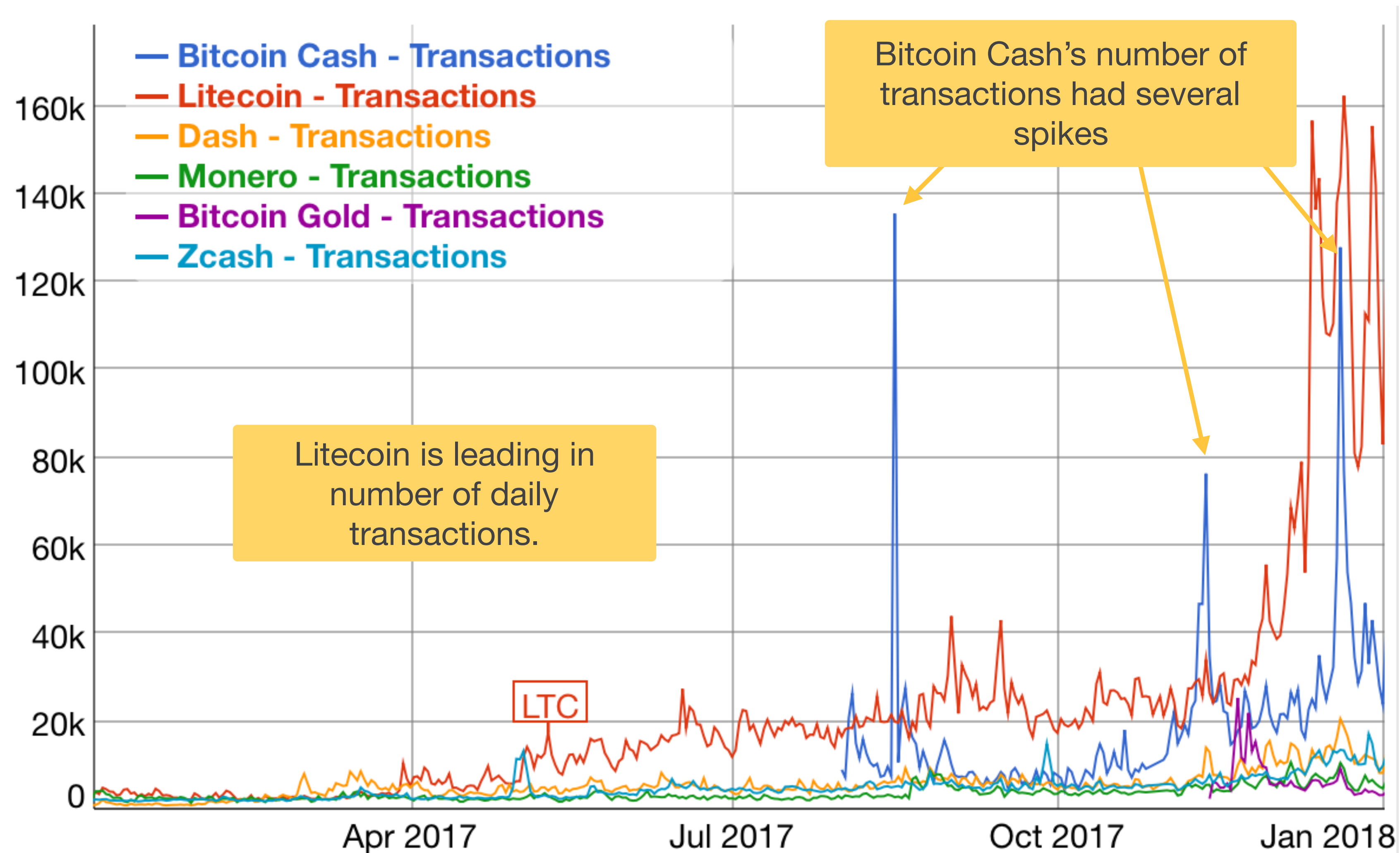
Copyright © 2018 FoOTOo Lab. All Rights Reserved. All figures, charts and graphs are based on data from <http://litecoin.footoo.org> unless otherwise stated



Sent Volume



Transactions

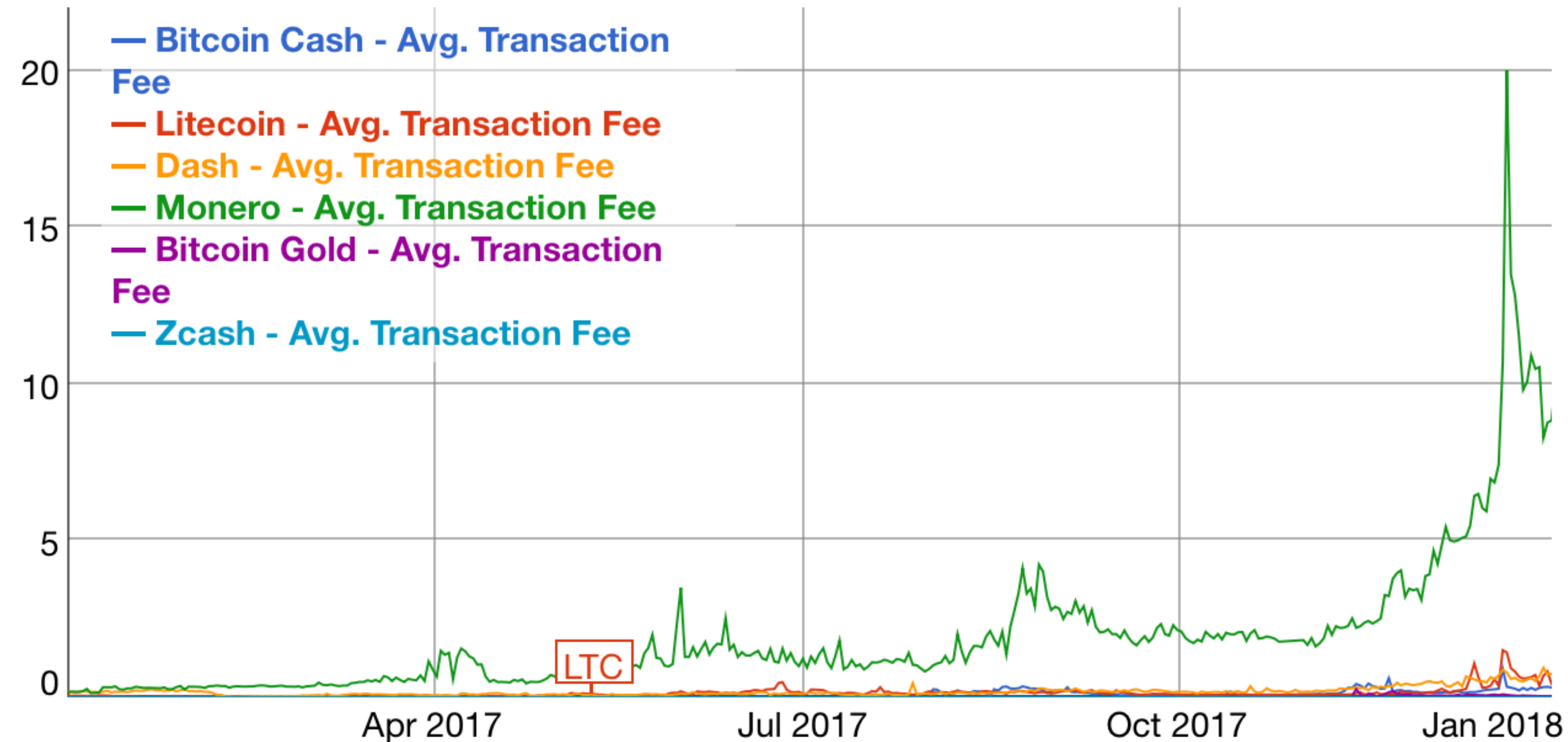


Source: <https://bitinfocharts.com/>

Copyright © 2018 FoOTOO Lab. All Rights Reserved. All figures, charts and graphs are based on data from <http://litecoin.footoo.org> unless otherwise stated



Average Transaction Fee

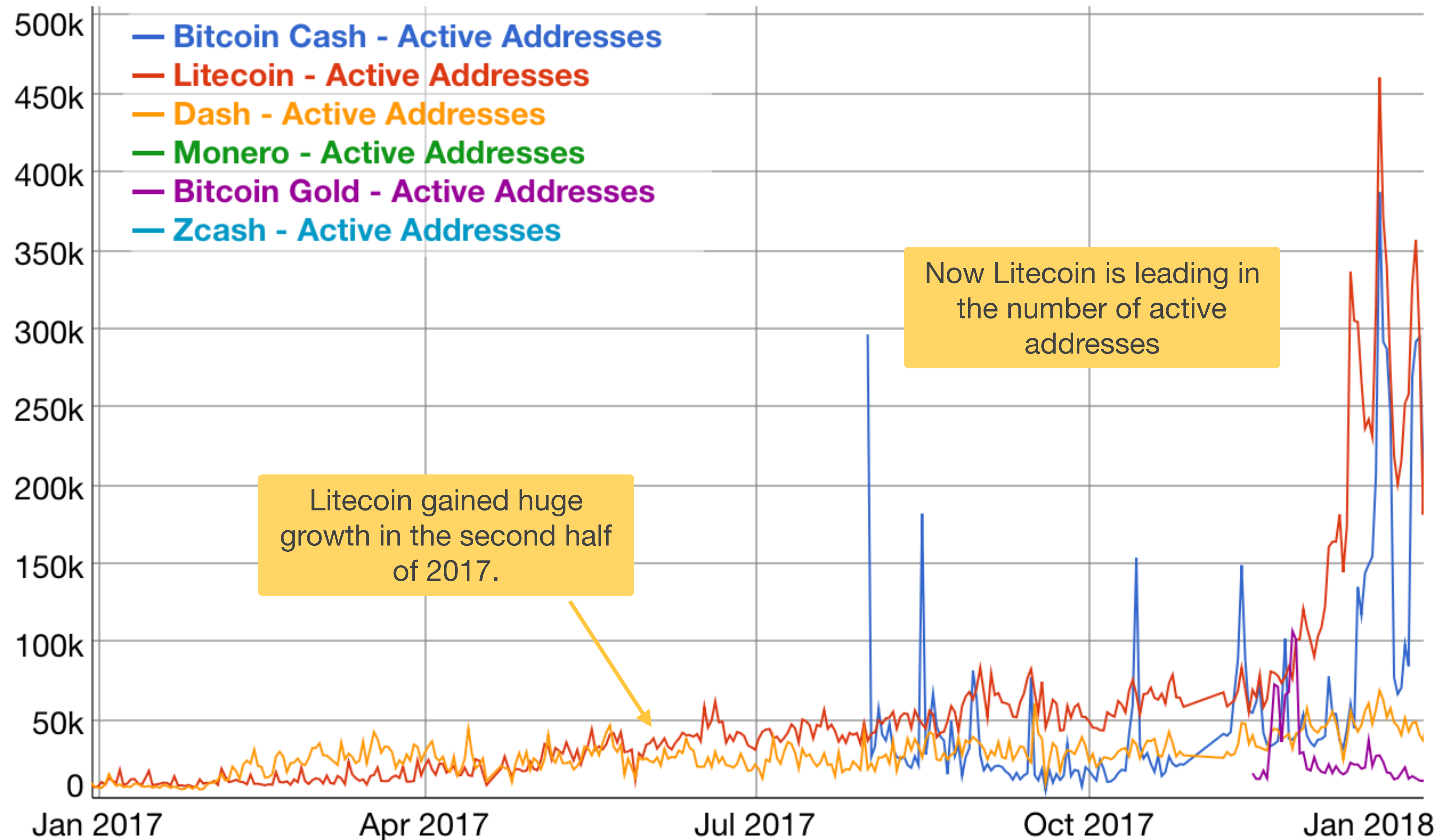


Monero uses a dynamic fee algorithm. The price rises, but the number of transactions does not have substantial change.

Litecoin's fee is at the same level with Bitcoin Cash and Dash. Now the Litecoin Team are working on a lower fee proposal.

ZCash has a very low transaction fee.

Active Addresses



Litecoin gained huge growth in the second half of 2017.

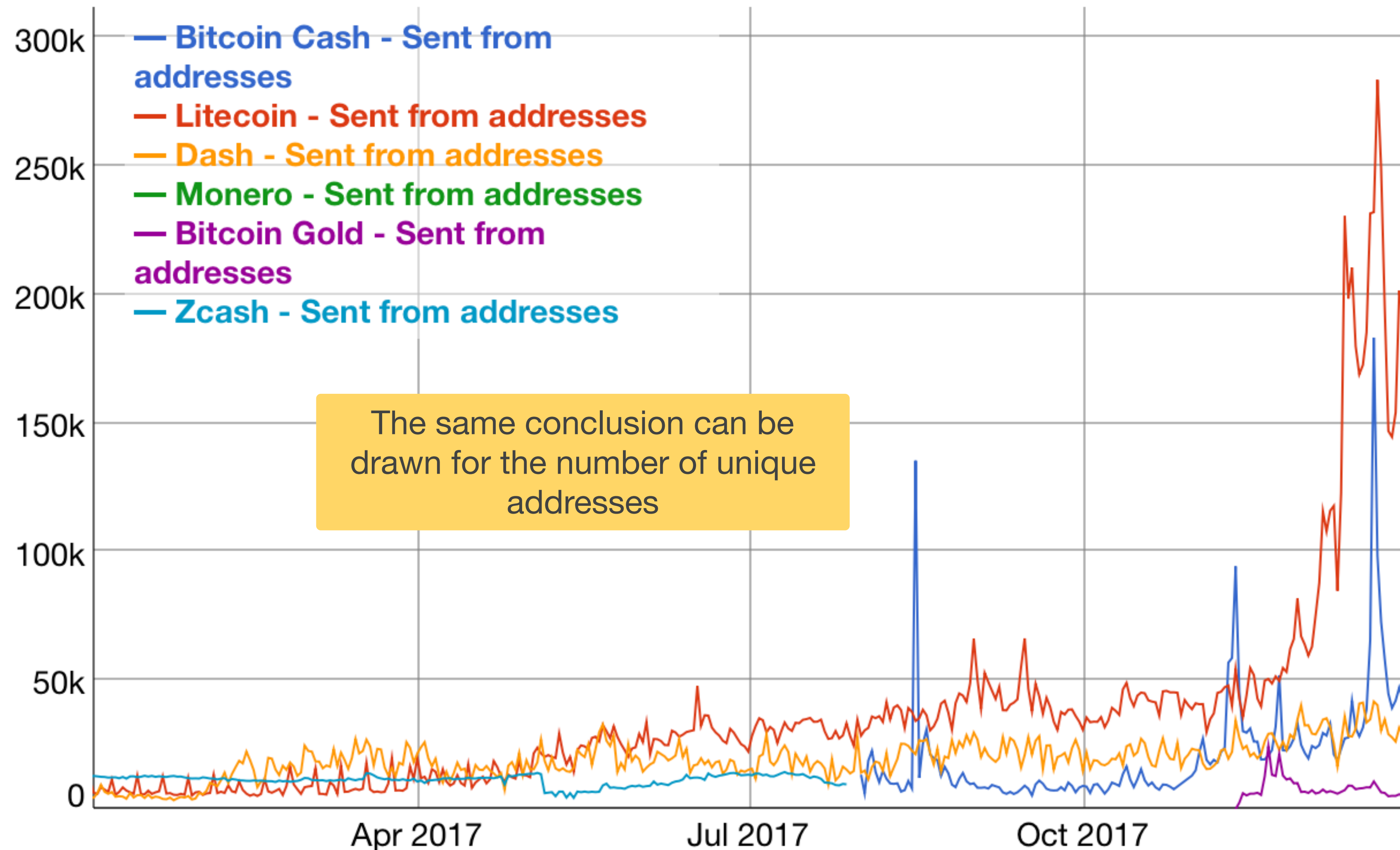
Now Litecoin is leading in the number of active addresses

There are no statistics on Monero and Zcash

Source: <https://bitinfocharts.com/>



Unique Addresses

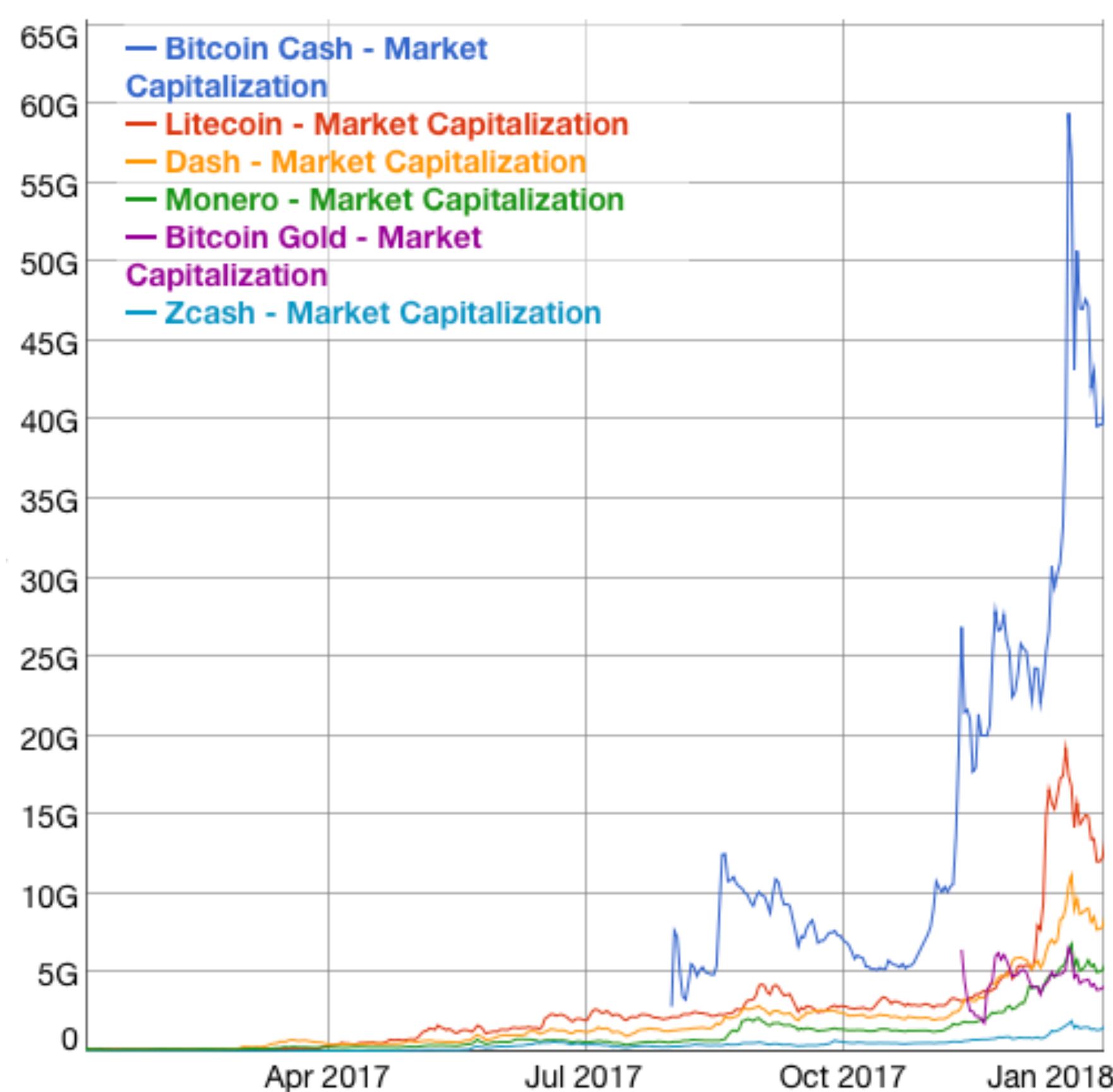


There are no statistics on Monero and Zcash

Source: <https://bitinfocharts.com/>



Price and MarketCap



Litecoin may have a lower market cap than Bitcoin Cash but the price of Litecoin is underrated, giving the fact that they roughly perform the same in aspects of Sent Volumes, Transactions, Average Transaction Fee, Active Addresses, and Unique Addresses.

There are no statistics on Monero and Zcash

Source: <https://bitinfocharts.com/>



About

About the Report

You can download the latest version from our website

<http://litecoin.footoo.org/reports>

Also you can join our Zhishi Xingqiu and telegram group to get the information



Please use wechat to scan the code



t.me/footoolab



Disclosure

1. Some members hold Litecoin.

2. One of our team members is also in the litecoin core team.



FoOTOO Lab

FoOTOO Lab is a research lab focusing on cryptocurrency and blockchain technology. The lab's members come from universities, research institutes, cryptocurrency communities and Internet companies in China and the United States.

We believe in the ***power of Open Source and Blockchain***. Our mission is to build tools and dApps to help people discover and evaluate cryptocurrencies and blockchains.

We welcome your feedback. Please feel free to contact us.

- Feedback: support@footoo.org
- Business: business@footoo.org

