Year 2017
CRYPTOCURRENCY REPORT
YEAR IN REVIEW

[Image of a mobile phone displaying the CoinGecko app]

[CoinGecko logo]

[Text: Learn about the current market dynamics. Download the exclusive 2017 Cryptocurrency Report]
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</tr>
</tbody>
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- Market Snapshot
- Price Growth
- Market Breakdown
- Global Overview
- Regulatory Headlines
- Bitcoin’s Acceptance
- Initial Coin Offerings
- Top Global Exchanges
- Ranking Chart
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- Founder’s Notes

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Market Dynamics

Top-30 Cryptocurrencies by Market Cap
**Market Dynamics - Crypto Market Snapshot**

**Year-to-Date Market Cap vs Transaction Volume**
*(Top-30 Cryptocurrencies)*

- **Exponential growth in market cap**
- **Increased Trading Volume**
- **High Volatility**

**Note:** Trading volume includes exchanges with and without fees. Okcoin, Huobi BTC China started charging fees from 24 January 2017 onwards.

---

**Market Cap (USD)**

- **Total Volume Traded**
- **Total Market Cap**
- **Best Fit Line (Volume Traded)**
- **Best Fit Line (Market Cap)**

**Trading Volume (USD)**

- 30B
- 25B
- 20B
- 15B
- 10B
- 5B

---

**Jan 2017** | **Feb 2017** | **Mar 2017** | **Apr 2017** | **May 2017** | **Jun 2017** | **Jul 2017** | **Aug 2017** | **Sep 2017** | **Oct 2017** | **Nov 2017** | **Dec 2017**
Q4 Market Cap vs Transaction Volume of Top-30 Cryptocurrencies

**Market Dynamics - Crypto Market Snapshot**

**Q4 Market Cap vs Transaction Volume of Top-30 Cryptocurrencies**

**Significant increase in trading volume in Q4**
**USD 260bil Increase in Market Cap* in Dec 2017 (1st-31st Dec)

**Top-30 Cryptocurrencies by Market Cap (as at 31/12/2017)**

1. Bitcoin (BTC)
2. Ripple (XRP)
3. Ethereum (ETH)
4. Ethereum Classic (ETC)
5. Cardano (ADA)
6. Litecoin (LTC)
7. IOTA (IOTA)
8. NEM (XEM)
9. Dash (DASH)
10. Monero (XMR)
11. Stellar Lumens (XLM)
12. Monero (XMR)
13. NEO (NEO)
14. EOS (EOS)
15. Qtum (QTUM)
16. Verge (XVG)
17. Tron (TRX)
18. RaiBlocks (XRB)
19. Bitconnect (BCC)
20. Ethereum Classic (ETC)
21. Lisk (LSK)
22. ICON (ICX)
23. OmiseGo (OMG)
24. Bitshares (BTS)
25. Ardor (ARDR)
26. Populous (PPT)
27. Zcash (ZEC)
28. Stratis (STRAT)
29. Tether (USDT)
30. HShare (HSR)

*refers to total market cap of Top-30 cryptocurrencies

Note: Trading volume includes exchanges with and without fees. Okcoin, Huobi BTC China started charging fees from 24 January 2017 onwards.

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# Market Dynamics - Crypto Price Growth

## Q4 Top-5 Cryptocurrency Price Growth (%)

<table>
<thead>
<tr>
<th>#</th>
<th>Coin Name</th>
<th>Price (as of 31/12/2017)</th>
<th>YTD Returns (as of 31/12/2017)</th>
<th>Q4 Returns (as of 31/12/2017)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bitcoin (BTC)</td>
<td>$14,839.59</td>
<td>1,387%</td>
<td>241%</td>
</tr>
<tr>
<td>2</td>
<td>Ripple (XRP)</td>
<td>$2.18</td>
<td>34,032%</td>
<td>970%</td>
</tr>
<tr>
<td>3</td>
<td>Ethereum (ETH)</td>
<td>$774.70</td>
<td>9,506%</td>
<td>159%</td>
</tr>
<tr>
<td>4</td>
<td>Bitcoin Cash (BCH)</td>
<td>$2,537.08</td>
<td>536%</td>
<td>511%</td>
</tr>
<tr>
<td>5</td>
<td>Cardano (ADA)</td>
<td>$0.77</td>
<td>7,259%</td>
<td>2,759%</td>
</tr>
<tr>
<td>6</td>
<td>Litecoin (LTC)</td>
<td>$237.57</td>
<td>5,176%</td>
<td>340%</td>
</tr>
<tr>
<td>7</td>
<td>IOTA (IOT)</td>
<td>$3.81</td>
<td>624%</td>
<td>530%</td>
</tr>
<tr>
<td>8</td>
<td>NEM (XEM)</td>
<td>$1.08</td>
<td>31,765%</td>
<td>341%</td>
</tr>
<tr>
<td>9</td>
<td>Dash (DASH)</td>
<td>$1,082.02</td>
<td>9,397%</td>
<td>244%</td>
</tr>
<tr>
<td>10</td>
<td>Stellar Lumens (XLM)</td>
<td>$0.36</td>
<td>16,550%</td>
<td>2,507%</td>
</tr>
<tr>
<td>11</td>
<td>Monero (XMR)</td>
<td>$353.52</td>
<td>2,496%</td>
<td>280%</td>
</tr>
<tr>
<td>12</td>
<td>NEO (NEO)</td>
<td>$80.81</td>
<td>56,871%</td>
<td>128%</td>
</tr>
<tr>
<td>13</td>
<td>EOS (EOS)</td>
<td>$8.97</td>
<td>300%</td>
<td>1,171%</td>
</tr>
<tr>
<td>14</td>
<td>Qtum (QTUM)</td>
<td>$62.37</td>
<td>430%</td>
<td>403%</td>
</tr>
<tr>
<td>15</td>
<td>Bitcoin Gold (BTG)</td>
<td>$268.97</td>
<td>94%</td>
<td>94%</td>
</tr>
<tr>
<td>16</td>
<td>Verge (XVG)</td>
<td>$0.25</td>
<td>6,963%</td>
<td>3,386%</td>
</tr>
<tr>
<td>17</td>
<td>Tron (TRX)</td>
<td>$0.05</td>
<td>1,851%</td>
<td>1,851%</td>
</tr>
<tr>
<td>18</td>
<td>RaiBlocks (XRB)</td>
<td>$21.11</td>
<td>64,558%</td>
<td>25,286%</td>
</tr>
<tr>
<td>19</td>
<td>Bitconnect (BCC)</td>
<td>$428.02</td>
<td>292,407%</td>
<td>208%</td>
</tr>
<tr>
<td>20</td>
<td>Ethereum Classic (ETC)</td>
<td>$26.11</td>
<td>1,765%</td>
<td>105%</td>
</tr>
<tr>
<td>21</td>
<td>Lisk (LSK)</td>
<td>$21.78</td>
<td>14,799%</td>
<td>299%</td>
</tr>
<tr>
<td>22</td>
<td>ICON (ICX)</td>
<td>$5.79</td>
<td>1,112%</td>
<td>1,112%</td>
</tr>
<tr>
<td>23</td>
<td>OmiseGo (OMG)</td>
<td>$19.95</td>
<td>5,066%</td>
<td>103%</td>
</tr>
<tr>
<td>24</td>
<td>Bitshares (BTS)</td>
<td>$0.69</td>
<td>17,116%</td>
<td>745%</td>
</tr>
<tr>
<td>25</td>
<td>Ardor (ARDR)</td>
<td>$1.73</td>
<td>686%</td>
<td>746%</td>
</tr>
<tr>
<td>26</td>
<td>Populous (PPT)</td>
<td>$40.95</td>
<td>773%</td>
<td>1,571%</td>
</tr>
<tr>
<td>27</td>
<td>Zcash (ZEC)</td>
<td>$506.84</td>
<td>945%</td>
<td>91%</td>
</tr>
<tr>
<td>28</td>
<td>Stratis (STRAT)</td>
<td>$14.90</td>
<td>19,469%</td>
<td>265%</td>
</tr>
<tr>
<td>29</td>
<td>Tether (USDT)</td>
<td>$1.01</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>30</td>
<td>HShare (HSR)</td>
<td>$29.75</td>
<td>69%</td>
<td>69%</td>
</tr>
</tbody>
</table>

**Increased Volatility towards the end of Q4**

XRP, ADA, and BCH’s price growth surpasses that of BTC and ETH

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<td>30</td>
<td>HShare (HSR)</td>
<td>69%</td>
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*chart only shows Top 5 Cryptos by Market Cap
*Table shows Top30 cryptocurrencies by Market Cap

Significant Volatility entering May and Dec
XRP’s price growth dwarfs all other currencies

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Quarterly Market Cap Distribution (%) (Top-30 Cryptocurrencies)

XRP surges past ETH to reach 14% of total Mkt Cap and become 2nd largest Crypto

BTC’s dominance falls below 50% ending 2017

<table>
<thead>
<tr>
<th>#</th>
<th>Coin Name</th>
<th>Market Cap Value (as of 31/12/2017)</th>
<th>Market Cap Distribution (as of 31/12/2017)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bitcoin (BTC)</td>
<td>$248,925,602,660.69</td>
<td>43.60%</td>
</tr>
<tr>
<td>2</td>
<td>Ripple (XRP)</td>
<td>$84,306,451,364.73</td>
<td>14.77%</td>
</tr>
<tr>
<td>3</td>
<td>Etherium (ETH)</td>
<td>$74,906,560,027.85</td>
<td>13.12%</td>
</tr>
<tr>
<td>4</td>
<td>Bitcoin Cash (BCH)</td>
<td>$39,862,630,089.04</td>
<td>6.98%</td>
</tr>
<tr>
<td>5</td>
<td>Cardano (ADA)</td>
<td>$19,902,516,520.12</td>
<td>3.49%</td>
</tr>
<tr>
<td>6</td>
<td>Litecoin (LTC)</td>
<td>$12,961,886,488.85</td>
<td>2.27%</td>
</tr>
<tr>
<td>7</td>
<td>IOTA (IOT)</td>
<td>$10,583,837,877.08</td>
<td>1.85%</td>
</tr>
<tr>
<td>8</td>
<td>NEM (XEM)</td>
<td>$8,735,137,046.44</td>
<td>1.53%</td>
</tr>
<tr>
<td>9</td>
<td>Dash (DASH)</td>
<td>$8,425,658,080.74</td>
<td>1.48%</td>
</tr>
<tr>
<td>10</td>
<td>Stellar Lumens (XLM)</td>
<td>$6,387,241,301.25</td>
<td>1.12%</td>
</tr>
<tr>
<td>11</td>
<td>Monero (XMR)</td>
<td>$5,496,114,087.99</td>
<td>0.96%</td>
</tr>
<tr>
<td>12</td>
<td>NEO (NEO)</td>
<td>$5,252,549,710.93</td>
<td>0.92%</td>
</tr>
<tr>
<td>13</td>
<td>EOS (EOS)</td>
<td>$4,262,853,860.92</td>
<td>0.75%</td>
</tr>
<tr>
<td>14</td>
<td>Qtum (QTUM)</td>
<td>$4,501,192,122.83</td>
<td>0.79%</td>
</tr>
<tr>
<td>15</td>
<td>Bitcoin Gold (BTG)</td>
<td>$4,502,091,527.17</td>
<td>0.79%</td>
</tr>
<tr>
<td>16</td>
<td>Verge (XVG)</td>
<td>$3,568,413,522.13</td>
<td>0.63%</td>
</tr>
<tr>
<td>17</td>
<td>Tron (TRX)</td>
<td>$3,061,167,096.50</td>
<td>0.54%</td>
</tr>
<tr>
<td>18</td>
<td>RailBlocks (XRB)</td>
<td>$2,812,551,584.90</td>
<td>0.49%</td>
</tr>
<tr>
<td>19</td>
<td>Bitconnect (BCC)</td>
<td>$2,649,310,224.50</td>
<td>0.46%</td>
</tr>
<tr>
<td>20</td>
<td>Etherium Classic (ETC)</td>
<td>$2,579,478,936.69</td>
<td>0.45%</td>
</tr>
<tr>
<td>21</td>
<td>Lisk (LSK)</td>
<td>$2,537,503,163.95</td>
<td>0.44%</td>
</tr>
<tr>
<td>22</td>
<td>ICON (ICX)</td>
<td>$2,180,647,280.19</td>
<td>0.38%</td>
</tr>
<tr>
<td>23</td>
<td>OmiseGo (OMG)</td>
<td>$2,035,259,108.15</td>
<td>0.36%</td>
</tr>
<tr>
<td>24</td>
<td>Bitshares (BTS)</td>
<td>$1,720,870,649.00</td>
<td>0.30%</td>
</tr>
<tr>
<td>25</td>
<td>Ardor (ARDR)</td>
<td>$1,728,617,768.17</td>
<td>0.30%</td>
</tr>
<tr>
<td>26</td>
<td>Populous (PPT)</td>
<td>$1,515,329,707.26</td>
<td>0.27%</td>
</tr>
<tr>
<td>27</td>
<td>zCash (ZEC)</td>
<td>$1,499,081,591.39</td>
<td>0.26%</td>
</tr>
<tr>
<td>28</td>
<td>Stratis (STRAT)</td>
<td>$1,353,768,634.66</td>
<td>0.24%</td>
</tr>
<tr>
<td>29</td>
<td>Tether (USDT)</td>
<td>$1,393,290,051.80</td>
<td>0.24%</td>
</tr>
<tr>
<td>30</td>
<td>HShare (HSR)</td>
<td>$1,262,576,037.36</td>
<td>0.22%</td>
</tr>
</tbody>
</table>

Total Market Cap: $570,911,742,131.95 (100%)

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Year-to-Date Market Cap Distribution (%) (Top-30 Cryptocurrencies)

- **Bitcoin** with almost 90% of total Cap
- **Ethereum** and **Ripple** captures 30% of Top-30 Market
- **28%** Of Market Cap Distribution is spread among remaining Altcoins
  *excluding BTC, ETH, XRP*  
  *refer to previous slide for detailed breakdown*
**Strong Resistance**

As Cryptocurrency begins to pick up, opposition remains strong

**Major Events** – Q1 Global Overview (January - March)

- **3 Jan** Argentina Startup Bitpagos Acquires $1 Million Funding
- **6 Jan** China’s Central Bank Warns Domestic Exchanges
- **17 Jan** Coinbase Receives Formal Licensing
- **4 Jan** Kraken Adds Monero
- **4 Jan** Bitcoin Core Rolls out 55 Minor Fixes

**ETH Price**

- $200
- $180
- $160
- $140
- $120
- $100
- $80
- $60
- $40
- $20
- $0

**BTC Price**

- $2,000
- $1,800
- $1,600
- $1,400
- $1,200
- $1,000
- $800
- $600
- $400
- $200
- $0

- **2 Mar** Alibaba Leverages on Blockchain to Fight Food Fraud
- **28 Mar** SEC Again Rejects Bid for Bitcoin ETF
- **10 Mar** SEC Rejects Winklevoss Bitcoin ETF Bid
- **28 Feb** David Cameron Praises Bitcoin and Blockchain
- **3 Mar** Bitfinex announces Trading of Dash Again
- **14 Feb** Japan’s Major Bank Invest in Japanese Biggest Exchange
- **14 Feb** Kraken Acquires Cryptowatch
- **3 Feb** Polish Regulators Recognise Bitcoin Industry Officially
- **1 Mar** Bitcoin Core Rolls out 55 Minor Fixes
- **9 Jan** India’s Axis Bank Announces Plans to Launch Ripple Payments
- **9 Jan** Swiss Blockchain Consortium Develops Ethereum Trading Tool
- **12 Jan** India’s Axis Bank Announces Plans to Launch Ripple Payments
- **17 Jan** China’s Central Bank Warns Domestic Exchanges
- **10 Jan** Bitstamp to Launch New Ripple Trading Pairs
- **30 Jan** Kraken Acquires Cryptowatch

**Q2 on the Next Page...**
Increased Attention
Governments and Corporations become aware of cryptocurrencies

3 Apr
Bitmain Opens New Bitcoin Mining Pool to Public

7 Apr
Blockgeeks announces $25 000 Blockchain Hackathon

5 Apr
Gnosis prepares for launch

10 Apr
Porsche announces Blockchain Startup Competition

10 Apr
Hong Kong Central Bank begins developing Digital Currency Prototype

17 Apr
BitFinex Suspends Fiat Deposits

18 Apr
Kraken Begins Support for USD Euro Pounds

25 Apr
Gnosis Valued at $300 Million

1 Apr 2017
16 Apr 2017
1 May 2017
16 May 2017
31 May 2017
15 June 2017
30 June 2017

ETH Price
$3,500
$3,000
$2,500
$2,000
$1,500
$1,000
$500
$0

12 Apr
BitFinex Sues Wells Fargo Over Freezes

14 Apr
Norway’s Central Bank Researches Anonymous Digital Currency

16 Apr
Ripple Pledges to lock up $14 Billion Worth of XRP

1 May
16 May
31 May
2 May
25 May
4 May
29 May

31 May
China Exchanges Resume Withdrawals Services

2 May
European Utility Company Begins Blockchain Trials

18 May
Cryptocurrency Market Cap Crosses $60 Billion

25 May
NEW YORK AGREEMENT
BTC Scaling Agreement

2 May
Ethereum Naming Service Prepares for 2nd Launch

9 Jun
Russia to Mandate Identity Checks for Bitcoin Purchases

22 Jun
Bitcoin Wallet Blockchain Raises $40 Million in Series B

2 Jun
Ethereum Client Update Causes Exchange to lose $14 Million

12 April
BitFinex WITHDRAWS Lawsuit

5 Jun
Putin and Vitalik Discuss Ethereum Opportunities

23 Jun
Local Government in China Launches Trial Blockchain Tech for Public Services

15 Jun
Ethereum Client Update Causes Exchange to lose $14 Million

29 Jun
Segwit 2x Code Released

Q3 on the Next Page...
Major Events – Q3 Global Overview (July – September)

**Regulatory Impact**
Governments shake the crypto market with complete bans and increased regulation

- **1 Jul**: Delaware House Passes Historic Blockchain Regulation
- **13 Jul**: Tezos ICO Sets Record Token Sale of $234M
- **17 Jul**: CoinDash ICO Hack
- **17 Jul**: Ripple Passes 50-Validator Milestone
- **1 Aug**: Bitcoin Cash Splits from Main BTC Network
- **2 Aug**: Lyndian Coin
- **29 Aug**:∗ SegWit Activates on BTC
- **1 Aug**: Singapore Govt. cautions against ICOs
- **15 Aug**: Singapore Govt. $30M lost due to Ethereum Parity Wallet Breach
- **16 Aug**: Coinbase Raises $100m Series D
- **19 Aug**: Paris Hilton Endorses Lyndian Coin
- **19 Sep**: First successful LTC/VTC Atomic Swap
- **1 Sep**: China bans CRYPTO EXCHANGES
- **3 Sep**: Bitcoin Cash Splits from Main BTC Network
- **7 Sep**: Jamie Dimon calls Bitcoin a Fraud
- **10 Aug**: Jamie Dimon cautions against ICOs
- **11 Aug**: Japan Issues 11 BTC Exchange Licences
- **12 Sep**: 11 Sep
- **14 Sep**: 14 Sep
- **15 Sep**: China Bans ICOs
- **19 Sep**: Singapore Govt. $30M lost due to Ethereum Parity Wallet Breach
- **22 Sep**: 22 Sep
- **23 Sep**: 23 Sep
- **27 Sep**: 27 Sep
- **28 Sep**: 28 Sep
- **29 Sep**: Australia Issues ICO Guidelines
- **29 Sep**: Estonia considering national ICO

**Sources:**
- Wall Street Journal
- The Verge
- CoinDesk
- The Straits Times

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All information in this report is provided “as is”, with no guarantee of completeness, accuracy, timeliness or for the results obtained from the use of this information. Nothing implied within this report should substitute the sound technical and business judgement of the reader.
Whilst the majority of countries do not make the usage of bitcoin itself illegal, its status as money (or a commodity) varies, with differing regulatory implications. While some countries have explicitly allowed its use and trade, others have banned or restricted it.
Major Events – Initial Coin Offerings of 2017

Number of ICOs Launched in 2017

<table>
<thead>
<tr>
<th>Coin</th>
<th>ICO End</th>
<th>Description</th>
<th>Amount Raised (To Date)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filecoin</td>
<td>Sept 2017</td>
<td>Distributed Data Storage System</td>
<td>$250 M</td>
</tr>
<tr>
<td>Tezos</td>
<td>July 2017</td>
<td>The self-amending crypto-ledger</td>
<td>$232 M</td>
</tr>
<tr>
<td>EOS</td>
<td>June 2018</td>
<td>Scalable Decentralised Applications Platform</td>
<td>$183 M *</td>
</tr>
<tr>
<td>Bancor</td>
<td>July 2017</td>
<td>Decentralised Liquidity Network</td>
<td>$153 M</td>
</tr>
<tr>
<td>Status</td>
<td>July 2017</td>
<td>A mobile Ethereum OS</td>
<td>$108 M</td>
</tr>
<tr>
<td>TenX</td>
<td>July 2017</td>
<td>Crypto Payment Platform</td>
<td>$80 M</td>
</tr>
</tbody>
</table>

* ICO stands for Initial Coin Offering
* EOS ICO is still open with new tokens still being released
* The data presented in the chart was collected to the best of our ability. It may or may not be complete.

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## TOP GLOBAL CRYPTO EXCHANGES

<table>
<thead>
<tr>
<th>Exchange</th>
<th>24hr Volume</th>
<th>Exchange</th>
<th>24hr Volume</th>
<th>Exchange</th>
<th>24hr Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binance</td>
<td>$3,516,500,189</td>
<td>Bitstamp</td>
<td>$423,137,400</td>
<td>Gemini</td>
<td>$127,492,350</td>
</tr>
<tr>
<td>Bithumb</td>
<td>$2,706,971,200</td>
<td>Kraken</td>
<td>$301,862,703</td>
<td>Zaif</td>
<td>$129,943,000</td>
</tr>
<tr>
<td>Bittrex</td>
<td>$2,193,493,974</td>
<td>BitFlyer</td>
<td>$290,752,720</td>
<td>ZB.com</td>
<td>$123,527,553</td>
</tr>
<tr>
<td>Bitfinex</td>
<td>$1,575,537,565</td>
<td>Bit-Z</td>
<td>$270,012,314</td>
<td>Bith Blockchain</td>
<td>$110,532,305</td>
</tr>
<tr>
<td>OKEx</td>
<td>$1,207,239,291</td>
<td>BTCBox</td>
<td>$227,304,000</td>
<td>Quoine</td>
<td>$101,398,956</td>
</tr>
<tr>
<td>BitMEX</td>
<td>$937,312,000</td>
<td>BTCC</td>
<td>$225,000,000</td>
<td>GEX.com</td>
<td>$98,855,215</td>
</tr>
<tr>
<td>Poloniex</td>
<td>$844,989,187</td>
<td>Korbit</td>
<td>$205,951,802</td>
<td>CoinEgg</td>
<td>$94,864,029</td>
</tr>
<tr>
<td>Huobi</td>
<td>$792,964,425</td>
<td>Acx</td>
<td>$202,862,378</td>
<td>CoinsBank</td>
<td>$93,751,563</td>
</tr>
<tr>
<td>HitBTC</td>
<td>$659,570,052</td>
<td>Ethfinex</td>
<td>$202,279,963</td>
<td>Exmo</td>
<td>$91,106,723</td>
</tr>
<tr>
<td>GDAX</td>
<td>$522,157,770</td>
<td>Coinnest</td>
<td>$189,544,864</td>
<td>Koinex</td>
<td>$85,917,410</td>
</tr>
<tr>
<td>Coinone</td>
<td>$433,788,164</td>
<td>Fisco</td>
<td>$135,465,717</td>
<td>Liqui</td>
<td>$77,659,577</td>
</tr>
</tbody>
</table>

*Notes: Currency in USD; Data taken on 31st Dec 2017; 24hr Volume Chart Data used

# Exchanges with no fees
Every informed person needs to know about Bitcoin because it might to be one of the world’s most important developments.

Leon Louw
Nobel Peace Prize Nominee
### Top-20 Cryptocurrencies – CoinGecko Ranking

<table>
<thead>
<tr>
<th>#</th>
<th>Coin</th>
<th>Price</th>
<th>MkT Cap</th>
<th>Liquidity</th>
<th>Developer</th>
<th>Community</th>
<th>Public Interest</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bitcoin (BTC)</td>
<td>$14,296.21</td>
<td>$239,818,181,821.48</td>
<td>98%</td>
<td>88%</td>
<td>91%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Ripple (XRP)</td>
<td>$2.43</td>
<td>$86,261,987,570.70</td>
<td>81%</td>
<td>78%</td>
<td>82%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Ethereum (ETH)</td>
<td>$772.67</td>
<td>$74,714,568,096.20</td>
<td>93%</td>
<td>69%</td>
<td>82%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Verge (XVG)</td>
<td>$0.2638</td>
<td>$2,537,682,363.72</td>
<td>82%</td>
<td>68%</td>
<td>74%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Litecoin (LTC)</td>
<td>$230.99</td>
<td>$12,600,661,229.56</td>
<td>74%</td>
<td>69%</td>
<td>74%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Monero (XMR)</td>
<td>$348.20</td>
<td>$5,413,296,578.74</td>
<td>89%</td>
<td>62%</td>
<td>73%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Cardano (ADA)</td>
<td>$0.7226</td>
<td>$18,094,147,706.66</td>
<td>86%</td>
<td>56%</td>
<td>72%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Stellar Lumens</td>
<td>$0.4430</td>
<td>$7,911,987,630.06</td>
<td>85%</td>
<td>57%</td>
<td>72%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>NEO (NEO)</td>
<td>$7.80</td>
<td>$5,082,747,006.88</td>
<td>83%</td>
<td>60%</td>
<td>71%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Bitcoin Cash</td>
<td>$2,465.06</td>
<td>$41,827,813,982.27</td>
<td>68%</td>
<td>56%</td>
<td>71%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Liquidity**
Liquidity can be used to measure market share, market maturity and market acceptance. CoinGecko tracks the trading volume of coins across all exchanges.

**Developer**
CoinGecko tracks the development activity of the coins via public source code repositories. More development activity and interest would fuel innovation of the coin. (eg. Github and Bitbucket.)

**Community**
Cryptocurrencies tend to experience tremendous growth when there is a strong community backing it. A strong community contributes to new ideas and new features to be incorporated into the coin, increases trading volume, and signifies growth towards a bigger market. (eg. Reddit, Facebook and Twitter.)

**Public Interest**
Bing search results count and Alexa rank of the coin official website indicates the general popularity of a coin.

**Market Cap**
A coin with a larger market capitalization indicates that more people are interested in holding this coin.

**Total**
Cumulative Score of Market Cap, Liquidity, Developer, Community, and Public Interest.

*Ranking Snapshot taken on 31st December*
### Top-20 Cryptocurrencies – CoinGecko Ranking

<table>
<thead>
<tr>
<th>#</th>
<th>COIN</th>
<th>PRICE</th>
<th>MKT CAP</th>
<th>LIQUIDITY</th>
<th>DEVELOPER</th>
<th>COMMUNITY</th>
<th>PUBLIC INTEREST</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>IOTA (IOT)</td>
<td>$3.77</td>
<td>7.01% J</td>
<td>$10,479,594,520.20</td>
<td>73%</td>
<td>64%</td>
<td>42%</td>
<td>70%</td>
</tr>
<tr>
<td>12</td>
<td>EOS (EOS)</td>
<td>$8.98</td>
<td>22.56% J</td>
<td>$5,164,119,324.56</td>
<td>87%</td>
<td>50%</td>
<td>34%</td>
<td>70%</td>
</tr>
<tr>
<td>13</td>
<td>Dash (DASH)</td>
<td>$1,066.63</td>
<td>0.66% J</td>
<td>$8,219,888,808.28</td>
<td>84%</td>
<td>52%</td>
<td>39%</td>
<td>70%</td>
</tr>
<tr>
<td>14</td>
<td>Qtum (QTUM)</td>
<td>$59.30</td>
<td>1.702% J</td>
<td>$4,374,938,006.82</td>
<td>82%</td>
<td>47%</td>
<td>33%</td>
<td>70%</td>
</tr>
<tr>
<td>15</td>
<td>Dogecoin (DOGE)</td>
<td>$0.0091</td>
<td>11.89% J</td>
<td>$1,029,038,476.30</td>
<td>80%</td>
<td>63%</td>
<td>37%</td>
<td>68%</td>
</tr>
<tr>
<td>16</td>
<td>Lisk (LSK)</td>
<td>$21.20</td>
<td>7.827% J</td>
<td>$2,470,164,778.90</td>
<td>86%</td>
<td>53%</td>
<td>33%</td>
<td>68%</td>
</tr>
<tr>
<td>17</td>
<td>Zcash (ZEC)</td>
<td>$307.52</td>
<td>3.802% J</td>
<td>$1,501,981,339.86</td>
<td>88%</td>
<td>47%</td>
<td>37%</td>
<td>68%</td>
</tr>
<tr>
<td>18</td>
<td>Ethereum (ETH)</td>
<td>$30.28</td>
<td>24.088% J</td>
<td>$2,901,572,119.76</td>
<td>81%</td>
<td>49%</td>
<td>36%</td>
<td>67%</td>
</tr>
<tr>
<td>19</td>
<td>Bitcoin (BTC)</td>
<td>$9,575,502,500.52</td>
<td>0.659% J</td>
<td>$2,546,508.21</td>
<td>88%</td>
<td>52%</td>
<td>32%</td>
<td>67%</td>
</tr>
<tr>
<td>20</td>
<td>Tether (USDT)</td>
<td>$22.42</td>
<td>61.79% J</td>
<td>$2,986,993,289.37</td>
<td>77%</td>
<td>61%</td>
<td>24%</td>
<td>66%</td>
</tr>
</tbody>
</table>

#### Liquidity
Liquidity can be used to measure market share, market maturity and market acceptance. CoinGecko tracks the trading volume of coins across all exchanges.

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#### Total
Cumulative Score of Market Cap, Liquidity, Developer, Community, and Public Interest.

*Ranking Snapshot taken on 31st December 2017*
Bitcoin uses peer-to-peer technology to operate with no central authority or banks; managing transactions and the issuing of bitcoins is carried out collectively by the network.

Bitcoin is open-source; its design is public, nobody owns or controls Bitcoin and everyone can take part.

Through many of its unique properties, Bitcoin allows exciting uses that could not be covered by any previous payment system.

bitcoin.org
Ripple’s 2017 Performance

Year-to-Date Price Returns 34,032%

Ripple connects banks, payment providers, digital asset exchanges and corporates via RippleNet to provide one frictionless experience to send money globally.

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Ethereum is a decentralized platform that runs smart contracts: applications that run exactly as programmed without any possibility of downtime, censorship, fraud or third party interference.

These apps run on a custom built blockchain, an enormously powerful shared global infrastructure that can move value around and represent the ownership of property.

This enables developers to create markets, store registries of debts or promises, move funds in accordance with instructions given long in the past (like a will or a futures contract) and many other things that have not been invented yet, all without a middle man or counterparty risk.

The Ethereum project was bootstrapped via an ether presale in August 2014 by fans all around the world. It is developed by the Ethereum Foundation, a Swiss nonprofit, with contributions from great minds across the globe.
Verge is a secure and anonymous cryptocurrency, built with a focus on privacy.

Verge Currency is a cryptocurrency designed for everyday use.

It improves upon the original Bitcoin blockchain and aims to fulfill its initial purpose of providing individuals and businesses with a fast, efficient and decentralized way of making direct transactions while maintaining personal privacy.

Completely anonymous and privacy-focused

Verge uses multiple anonymity-centric networks such as Tor and I2P. The IP addresses of the users are obfuscated and the transactions are completely untraceable.
Litecoin is a peer-to-peer Internet currency that enables instant, near-zero cost payments to anyone in the world.

Litecoin is an open-source, global payment network that is fully decentralized without any central authorities. Mathematics secures the network and empowers individuals to control their own finances.

Litecoin features faster transaction confirmation times and improved storage efficiency than the leading math-based currency.

With substantial industry support, trade volume and liquidity, Litecoin is a proven medium of commerce complementary to Bitcoin.
Monero is a secure, private, and untraceable cryptocurrency. It is open-source and accessible to all. With Monero, you are your own bank.

Only you control and are responsible for your funds. Your accounts and transactions are kept private from prying eyes.

https://getmonero.org/

Monero’s 2017 Performance

Year-to-Date Price Returns 2,496%
Cardano is a decentralised public blockchain and cryptocurrency project and is fully open source.

Cardano is developing a smart contract platform which seeks to deliver more advanced features than any protocol previously developed.

It is the first blockchain platform to evolve out of a scientific philosophy and a research-first driven approach.

The development team consists of a large global collective of expert engineers and researchers.
Stellar is a decentralized, hybrid blockchain that is fully open-source. It is infrastructure that exists to facilitate cross-asset transfers of value, including payments. With just one integration into the Stellar Network, you will join an open, global financial network where all actors – be they people, payment networks, or banks – have equal access & economic participation.

8,133,747,643 lumens distributed.
NEO is a non-profit community-based blockchain project that utilizes blockchain technology and digital identity to digitize assets, to automate the management of digital assets using smart contracts, and to realize a "smart economy" with a distributed network.

NEO was founded in 2014 and was real-time open source on GitHub in June 2015.

Since its inception, the NEO team has experienced the upsurge and boom of the blockchain industry and the frenzy and cooling of the digital money market.

We believe technology drives progress and together we can create the future.

Motivated by this, NEO has been created to shift our traditional economy into the new era of the "Smart Economy".

neo.org
Bitcoin Cash brings sound money to the world, fulfilling the original promise of Bitcoin as "Peer-to-Peer Electronic Cash". Merchants and users are empowered with low fees and reliable confirmations. The future shines brightly with unrestricted growth, global adoption, permissionless innovation, and decentralized development.

Top-20 Cryptocurrencies – #10 Bitcoin Cash
As the Internet-of-Things keep expanding, the need for interoperability and sharing of resources become a necessity.

IOTA enables companies to explore new business-2-business models by making every technological resource a potential service to be traded on an open market in real time, with no fees.

### IOTA’s 2017 Performance

<table>
<thead>
<tr>
<th>Year-to-Date Price Returns</th>
<th>624%</th>
</tr>
</thead>
</table>

---

**Transaction Volume**

**Market Cap**

**Price**
EOS

The EOS.IO software introduces a new blockchain architecture designed to enable vertical and horizontal scaling of decentralized applications.

EOS’s 2017 Performance

Year-to-Date Price Returns 300%

Transaction Volume

Market Cap

Price
The Blockchain Made Ready for Business

"The blockchain community and business world have been running alongside each other in parallel, and I think Qtum is where they meet."

- Bo Shen
Managing Partner at Fenbushi Capital
Dash is Digital Cash You Can Spend Anywhere

Use Dash to make instant, private payments online or in-store using our secure open-source platform hosted by thousands of users around the world.

DASH’s 2017 Performance

Year-to-Date Price Returns 9,297%

Transaction Volume
- Market Cap
- Price

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

$0 $200 $400 $600 $800 $1,000 $1,200 $1,400 $1,600

Top-20 Cryptocurrencies – #14 DASH

Shop with Dash
Spend your Dash instantly and securely at these merchants and services

www.dash.org
What is Dogecoin?
Dogecoin is a decentralized, peer-to-peer digital currency that enables you to easily send money online. Think of it as “the internet currency.”

The fun and friendly internet currency.
Dogecoin sets itself apart from other digital currencies with an amazing, vibrant community made up of friendly folks just like you.

Dogecoin’s 2017 Performance
Year-to-Date Price Returns 4,105%
Lisk

Lisk is a Blockchain application platform, established in early 2016.

Based on its own Blockchain network and token LSK, Lisk will enable developers to create, distribute and manage decentralized Blockchain applications by deploying their own sidechain linked to the Lisk network, including a custom token.

Thanks to the flexibility of sidechains, developers can implement and customize their Blockchain applications entirely.
Internet money

Bitcoin and most cryptocurrencies expose your entire payment history to the public.

Zcash is the first open, permissionless cryptocurrency that can fully protect the privacy of transactions using zero-knowledge cryptography.

Zcash’s 2017 Performance

Year-to-Date Price Returns 945%

Transaction Volume
Market Cap
Price

A decentralized and open-source cryptocurrency that provides strong privacy protections
Shielded transactions hide the sender, recipient, and value on the blockchain
If Bitcoin is like http for money, Zcash is https—a secure transport layer
Ethereum Classic is a decentralized platform that runs smart contracts: applications that run exactly as programmed without any possibility of downtime, censorship, fraud or third party interference.

**Ethereum Classic’s 2017 Performance**

**Year-to-Date Price Returns** 1,765%

Ethereum Classic is a continuation of the original Ethereum blockchain - the classic version preserving untampered history; free from external interference and subjective tampering of transactions.
Your decentralized cloud backend

Welcome to a new era of cloud storage on the blockchain

Siacoin's 2017 Performance

Year-to-Date Price Returns 13,592%

Completely private

Sia splits apart, encrypts, and distributes your files across a decentralized network. Since you hold the keys, you own your data. No outside company can access or control your files, unlike traditional cloud storage providers.

Far more affordable

Sia’s decentralized cloud is on average 10x less expensive than current cloud storage providers. Storing 1TB on Sia costs about $2 per month, compared with $23 on Amazon S3. Calculate your savings below!
RaiBlocks is designed from the ground up for instant, feeless, scalable transactions.

**RAIBLOCKS**

RaiBlocks is designed to be a low latency, high throughput cryptocurrency

We’ve applied the philosophy of “Do one thing and do it well” giving you performance and scalability unmatched by any other platform.

RaiBlocks features instant transaction confirmation and has an incredibly low energy footprint.

**Raiblocks’ 2017 Performance**

- **Transaction Volume**
- **Market Cap**
- **Price**

**Year-to-Date Price Returns** 64,588%
<table>
<thead>
<tr>
<th>#</th>
<th>Coin Name</th>
<th>Description</th>
<th>Hash Algorithm</th>
<th>Available Supply</th>
<th>Avg Block Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bitcoin</td>
<td>Digital Gold</td>
<td>SHA-256</td>
<td>16.8M</td>
<td>10 mins</td>
</tr>
<tr>
<td>2</td>
<td>Ripple</td>
<td>Enterprise Payment Settlement Network</td>
<td>SHA-512</td>
<td>38.7B</td>
<td>3.5 secs</td>
</tr>
<tr>
<td>3</td>
<td>Ethereum</td>
<td>Programmable Contracts and Money</td>
<td>Ethash</td>
<td>96.5M</td>
<td>15 secs</td>
</tr>
<tr>
<td>4</td>
<td>Bitcoin Cash</td>
<td>Fork of Bitcoin, Lower Cost</td>
<td>SHA-256</td>
<td>16.9M</td>
<td>10 mins</td>
</tr>
<tr>
<td>5</td>
<td>Cardano</td>
<td>Layered Currency and Contracts</td>
<td>Ouroboros</td>
<td>25.9B</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>Litecoin</td>
<td>Digital Silver</td>
<td>Scrypt</td>
<td>54.4M</td>
<td>2.5 mins</td>
</tr>
<tr>
<td>7</td>
<td>IOTA</td>
<td>Internet-of-Things Payment</td>
<td>SHA-3</td>
<td>2.78B</td>
<td>-</td>
</tr>
<tr>
<td>8</td>
<td>NEM</td>
<td>Batteries-included Digital Assets</td>
<td>Proof-of-Importance</td>
<td>9.0B</td>
<td>1 min</td>
</tr>
<tr>
<td>9</td>
<td>Dash</td>
<td>Privacy-focused Bitcoin Clone</td>
<td>X11</td>
<td>7.77M</td>
<td>2.5 mins</td>
</tr>
<tr>
<td>10</td>
<td>Stellar Lumens</td>
<td>Digital IOUs</td>
<td>Proof-of-Stake</td>
<td>17.9B</td>
<td>-</td>
</tr>
</tbody>
</table>

Cryptocurrency Description from [https://techcrunch.com/2017/11/19/100-cryptocurrencies-described-in-4-words-or-less/](https://techcrunch.com/2017/11/19/100-cryptocurrencies-described-in-4-words-or-less/)
<table>
<thead>
<tr>
<th>#</th>
<th>Coin Name</th>
<th>Description</th>
<th>Hash Algorithm</th>
<th>Available Supply</th>
<th>Avg Block Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Monero</td>
<td>XMR Private Digital Cash</td>
<td>Cryptonight</td>
<td>15.5M</td>
<td>2 mins</td>
</tr>
<tr>
<td>12</td>
<td>NEO</td>
<td>NEO Chinese-Market Ethereum</td>
<td>Delegated PoS</td>
<td>65M</td>
<td>24.2 secs</td>
</tr>
<tr>
<td>13</td>
<td>EOS</td>
<td>EOS Decentralised Applications on WebAssembly</td>
<td>-</td>
<td>559M</td>
<td>-</td>
</tr>
<tr>
<td>14</td>
<td>Qtum</td>
<td>QTUM Ethereum Contracts on Bitcoin</td>
<td>Proof-of-Stake</td>
<td>73.8M</td>
<td>2 mins</td>
</tr>
<tr>
<td>15</td>
<td>Bitcoin Gold</td>
<td>BTG GPU-only Bitcoin Clone</td>
<td>Equihash</td>
<td>16.7M</td>
<td>10 mins</td>
</tr>
<tr>
<td>16</td>
<td>Verge</td>
<td>XVG Privacy Dogecoin</td>
<td>Scrypt</td>
<td>14.5B</td>
<td>30 secs</td>
</tr>
<tr>
<td>17</td>
<td>Tron</td>
<td>TRX In-app Purchases</td>
<td>-</td>
<td>65.7B</td>
<td>-</td>
</tr>
<tr>
<td>18</td>
<td>RaiBlocks</td>
<td>XRB Scalable Digital Currency</td>
<td>Blake2b</td>
<td>133M</td>
<td>-</td>
</tr>
<tr>
<td>19</td>
<td>BitConnect</td>
<td>BCC Madoff-like Investment Fund</td>
<td>Scrypt</td>
<td>6.02M</td>
<td>2 mins</td>
</tr>
<tr>
<td>20</td>
<td>Ethereum Classic</td>
<td>ETC Ethereum Protocol without hardfork</td>
<td>Ethash</td>
<td>98.6M</td>
<td>15 secs</td>
</tr>
</tbody>
</table>

Cryptocurrency Description from [https://techcrunch.com/2017/11/19/100-cryptocurrencies-described-in-4-words-or-less/](https://techcrunch.com/2017/11/19/100-cryptocurrencies-described-in-4-words-or-less/)
### Bitcoin vs Non-Crypto Assets Price Comparison (USD)

<table>
<thead>
<tr>
<th>Asset</th>
<th>Ticker</th>
<th>Price (3/1/2017)</th>
<th>Price (22/9/2017)</th>
<th>Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bitcoin</td>
<td>BTC</td>
<td>$1,035.53</td>
<td>$14,839.59</td>
<td>1,333%</td>
</tr>
<tr>
<td>S&amp;P 500 Index</td>
<td>SP 500</td>
<td>$2,251.57</td>
<td>$2,689.15</td>
<td>19%</td>
</tr>
<tr>
<td>Gold</td>
<td>XAU</td>
<td>$1,148.65</td>
<td>$1,285.40</td>
<td>12%</td>
</tr>
<tr>
<td>Amazon Inc</td>
<td>AMZN</td>
<td>$753.67</td>
<td>$1,169.47</td>
<td>55%</td>
</tr>
<tr>
<td>Apple Inc</td>
<td>AAPL</td>
<td>$116.15</td>
<td>$169.23</td>
<td>46%</td>
</tr>
<tr>
<td>JP Morgan</td>
<td>JPM</td>
<td>$87.23</td>
<td>$106.94</td>
<td>23%</td>
</tr>
</tbody>
</table>

**Bitcoin price growth far surpasses that of non-crypto assets**

Data Source:
- [www.quandl.com](http://www.quandl.com)
- [www.nasdaq.com](http://www.nasdaq.com)

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Ethereum vs Non-Crypto Assets Price Comparison (USD)

<table>
<thead>
<tr>
<th>Asset</th>
<th>Ticker</th>
<th>Price (3/1/2017)</th>
<th>Price (31/12/2017)</th>
<th>Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethereum</td>
<td>ETH</td>
<td>$9.63</td>
<td>$774.70</td>
<td>7947%</td>
</tr>
<tr>
<td>S&amp;P 500 Index</td>
<td>SP 500</td>
<td>$2,251.57</td>
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Ethereum experienced explosive price growth in 2017

Data Source:
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- www.nasdaq.com

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How many Big Macs can 1 BTC buy?

BTC Purchasing Power – The Big Mac Index Fun Chart

Bitcoin’s purchasing power increased **16x** in 2017!

Source: [http://www.economist.com/content/big-mac-index](http://www.economist.com/content/big-mac-index)
[https://www.mcdonalds.com](https://www.mcdonalds.com)
ETH Purchasing Power – The Big Mac Index Fun Chart

How many Big Macs can 1 ETH buy?

Ethereum’s purchasing power increased almost \textbf{50x} in 2017!

Source: 
http://www.economist.com/content/big-mac-index
https://www.mcdonalds.com

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<table>
<thead>
<tr>
<th>Crypto Index Name</th>
<th>Index Description</th>
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<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 CRIX</td>
<td>CRyptocurrency IndeX (CRIX) is a benchmark for the crypto-currency market. It is a collaboration project from Humboldt University Berlin Germany, Sim Kee Boon Institute for Financial Economics at Singapore Management University, and CoinGecko.</td>
<td>Index</td>
<td><a href="http://crix.hu-berlin.de/">http://crix.hu-berlin.de/</a></td>
</tr>
<tr>
<td>2 MVIS CryptoCompare Digital Assets 10 Index</td>
<td>The MVIS CryptoCompare Digital Assets 10 Index is a modified market cap-weighted index which tracks the performance of the 10 largest and most liquid digital assets. Most demanding size and liquidity screenings are applied to potential index components to ensure investability.</td>
<td>Index</td>
<td><a href="https://www.mvis-indices.com/indices/digital-assets/mvis-cryptocompare-digital-assets-10">https://www.mvis-indices.com/indices/digital-assets/mvis-cryptocompare-digital-assets-10</a></td>
</tr>
<tr>
<td>3 CRYPTO20</td>
<td>The CRYPTO20 is an autonomously operated, tokenized cryptocurrency portfolio that trades with an index strategy. CRYPTO20 offers instant diversification to the top 20 cryptocurrency assets by holding a single token. The tokens will be tradable on exchange post-ICO.</td>
<td>Fund</td>
<td><a href="https://static.crypto20.com/pdf/c20-factsheet.pdf">https://static.crypto20.com/pdf/c20-factsheet.pdf</a></td>
</tr>
<tr>
<td>4 Bitwise HOLD 10</td>
<td>This private index fund holds the top 10 largest cryptos determined by inflation-adjusted market capitalization. Coins that make the cut are weighted according to that market-cap. The index is rebalanced monthly. It’s currently only available to US accredited investors.</td>
<td>Fund</td>
<td><a href="https://www.bitwiseinvestments.com/fund">https://www.bitwiseinvestments.com/fund</a></td>
</tr>
<tr>
<td>5 CCI30</td>
<td>The CCI30 takes 30 of the crypto currencies with the largest market capitalization, assigns weights to them, and uses the weights to combine the prices into an index.</td>
<td>Index</td>
<td><a href="https://cci30.com/">https://cci30.com/</a></td>
</tr>
<tr>
<td>6 BUCHMAN CRYPTO 30 INDEX</td>
<td>BC30 follows the developments of the wider crypto market, tracking the prices of 30 largest cryptocurrencies by market capitalization. Weight capping at 20% ensures sufficient diversification.</td>
<td>Index</td>
<td><a href="https://hedgecrypto.com/indices/bc30">https://hedgecrypto.com/indices/bc30</a></td>
</tr>
<tr>
<td>7 BUCHMAN CRYPTO 30 UNCAPPED INDEX</td>
<td>Buchanan Crypto 30 Uncapped Index follows the developments of the wider crypto market, tracking the prices of 30 largest cryptocurrencies by market capitalization. Weighting by free-float market capitalization best approximates the overall influx of new funds into the asset class.</td>
<td>Index</td>
<td><a href="https://hedgecrypto.com/indices/bc30u">https://hedgecrypto.com/indices/bc30u</a></td>
</tr>
<tr>
<td>8 BUCHMAN CRYPTO 30 EQUALLY WEIGHTED INDEX</td>
<td>BC30EW follows the developments of the wider crypto market, tracking the prices of 30 largest cryptocurrencies by market capitalization. Components’ equal weighting increases relative exposure to small caps, thereby increasing the volatility and potential returns of the index.</td>
<td>Index</td>
<td><a href="https://hedgecrypto.com/indices/bc30ew">https://hedgecrypto.com/indices/bc30ew</a></td>
</tr>
</tbody>
</table>
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<th>Index Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>9  Aggregated Coin (AGRE)</td>
<td>The AGRE token is an investment vehicle for people who want to diversify their crypto holdings to include the top six coins. So that when you buy Aggregated Coin, you’ll own weighted positions in Bitcoin, Ethereum, Bitcoin Cash, Ripple, Litecoin and Dash.</td>
<td>Fund</td>
<td><a href="http://www.combined-coins.com/">http://www.combined-coins.com/</a></td>
</tr>
<tr>
<td>10 UpStart1K</td>
<td>Upstart1K focuses on smaller coins. The lowest 1000 coins on the markets are purchased. This index fund type of portfolio caters to investors who want to participate in the upside of promising tokens, who don’t have the time to conduct due diligence on each one.</td>
<td>Fund</td>
<td><a href="http://www.combined-coins.com/">http://www.combined-coins.com/</a></td>
</tr>
<tr>
<td>11 Bit20</td>
<td>An algorithm creates the index itself. This algorithm calculates the weight (%) of each coin in the index. The second key part is the mechanism producing the price and publishing it in the BitShares Blockchain. The witnesses have the code to produce the index price using the composition created by the first algorithm.</td>
<td>Fund</td>
<td><a href="http://www.bittwenty.com/">http://www.bittwenty.com/</a></td>
</tr>
<tr>
<td>12 CAMCrypto30</td>
<td>CAMCrypto30, which was constructed to resemble the Russell 2000 and FTSE 100 indices, is weighted by market cap. It is an open, published, rules-based index of the top 30 crypto currencies (CCs) by market capitalization. The Index is updated automatically, in near-real time (every five minutes) at CAMCrypto30.com.</td>
<td>Index</td>
<td><a href="https://www.cryptocurrency-management.com/the-camcrypto30-index/">https://www.cryptocurrency-management.com/the-camcrypto30-index/</a></td>
</tr>
<tr>
<td>13 Pantera Bitcoin Fund</td>
<td>This is the first U.S. Bitcoin investment firm and is exclusively focused on investing in blockchain technologies. Their strategic investment philosophy is to build a diversified portfolio and bring industry-specific value-add resources to its portfolio companies. Their current portfolio holdings are listed at <a href="https://www.panteracapital.com/portfolio/">https://www.panteracapital.com/portfolio/</a>.</td>
<td>Fund</td>
<td><a href="https://www.panteracapital.com/about/">https://www.panteracapital.com/about/</a></td>
</tr>
<tr>
<td>14 Crescent Crypto Asset Management</td>
<td>This private index fund was started by former Goldman Sachs employees. They claim to be the first to offer wealthy US investors secure, passive exposure to 20 of the hottest coins. Aimed at “accredited investors”, the Crescent 20 Private Index Fund seeks to replicate the performance of the largest cap, and most liquid cryptocurrencies in the world. The index covers approximately 80% of crypto market cap, and is rebalanced regularly.</td>
<td>Fund</td>
<td><a href="https://www.crescentcrypto.com/">https://www.crescentcrypto.com/</a></td>
</tr>
<tr>
<td>15 Bletchley 10 Index</td>
<td>The Bletchley 10 Index is a market capitalization weighted index composed of 10 of the most valuable digital assets by market capitalization. There are no limits set on the weight of any individual constituent.</td>
<td>Index</td>
<td><a href="https://www.bletchleyindexes.com/methodology">https://www.bletchleyindexes.com/methodology</a></td>
</tr>
</tbody>
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As the cryptocurrency market grows, index and funds are being created. Here are a few that we know of (cont’d..):

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<tbody>
<tr>
<td>16 Bletchley 20 Index</td>
<td>Market capitalization of each member is calculated off of the expected total supply in 2050 (pulled from onchainfx.com) for each asset, then adjusted to reflect the publicly available amount (float) of each asset available today. There are no limits set on the weight of any individual constituent.</td>
<td>Index</td>
<td><a href="https://www.bletchleyindexes.com/methodology">https://www.bletchleyindexes.com/methodology</a></td>
</tr>
<tr>
<td>17 Bletchley 40 Index</td>
<td>The Bletchley 40 Index is a market cap weighted index composed of 40 small sized digital assets by market capitalization. The market capitalization of each member is calculated off of the expected total supply in 2050 (pulled from onchainfx.com) for each asset, then adjusted to reflect the publicly available amount (float) of each asset available today. There are no limits set on the weight of any individual constituent.</td>
<td>Index</td>
<td><a href="https://www.bletchleyindexes.com/methodology">https://www.bletchleyindexes.com/methodology</a></td>
</tr>
<tr>
<td>18 Bletchley Ethereum Token Index</td>
<td>The Bletchley Ethereum Token Index is a market cap weighted index composed of a variable number of assets that are run on the ethereum platform. The market capitalization of each member is calculated off of the expected total supply in 2050 (pulled from onchainfx.com) for each asset, then adjusted to reflect the publicly available amount (float) of each asset available today. There are no limits set on the weight of any individual constituent. Ethereum itself, along with Ethereum classic, are not included in this index.</td>
<td>Index</td>
<td><a href="https://www.bletchleyindexes.com/methodology">https://www.bletchleyindexes.com/methodology</a></td>
</tr>
<tr>
<td>19 Solidum Prime</td>
<td>Solidum Prime (SOPR) is the world’s first equal weight Digital Assets Array (DAA*) and provides exposure to 20 to 30 cryptocurrencies selected using a rigorous investment process. SOPR utilizes an equal weight investment strategy, assigning each cryptocurrency in the portfolio an equal share.</td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/SOPR">https://www.iconomi.net/dashboard/#/daa/SOPR</a></td>
</tr>
<tr>
<td>20 The Asymmetry Asset Array Index</td>
<td>The Asymmetry DAA* (AAAX) targets practical business offerings geared toward the basic needs of users operating in the blockchain environment, or in other words, where sufficient scalability has been achieved. Higher weightings are given to more developed opportunities: either by number of accepted users, stronger scalability, and/or cashflow generators for owners of the selected assets.</td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/AAAX">https://www.iconomi.net/dashboard/#/daa/AAAX</a></td>
</tr>
<tr>
<td>21 CARUS-AR (CAR) Menno</td>
<td>CARUS-AR (CAR) is a passively managed DAA* investing in the developing and quickly growing crypto space. CARUS-AR presents a well diversified portfolio with the aim of mid- to long-term revenue and growth. Carus is Latin for precious or valued, AR stands for Array.</td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/CAR">https://www.iconomi.net/dashboard/#/daa/CAR</a></td>
</tr>
<tr>
<td>22 Future Chain Index</td>
<td>Future Chain Index (FCI) combines 20+ years of experience in the traditional financial sector and is now positioned on the edge of knowledge in the new economy of digital assets. The team behind FCI brings together a diverse mix of economic and technological experts, all invested and educated in the cryptocurrency market. This guarantees FCI to be steps ahead in knowledge and understanding of market behaviour.</td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/FCI">https://www.iconomi.net/dashboard/#/daa/FCI</a></td>
</tr>
</tbody>
</table>

* DAA stands “Digital Assets Arrays”, a trademark of ICONOMI. For more information on DAAs, you may visit https://www.iconomi.net/arrays.
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</thead>
<tbody>
<tr>
<td>23 Blockchain Infrastructure Index</td>
<td>The Ethereal Capital Blockchain Infrastructure Index DAA* is focused on investments into platforms and protocols that they believe will form the foundation for the storage of value, and processing of transactions and computation on 'the blockchain'. KryptoStar CORE (KCOR) gives investors a diversified yet concentrated exposure to the new class of crypto assets. The portfolio attempts to benefit from the anticipated strong long-term growth of crypto assets by giving investors diversified exposure through a majority exposure to established crypto tokens and cryptocurrencies, while leaving some optionality through a smaller and more diversified exposure to less established and smaller projects.</td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/BLX">https://www.iconomi.net/dashboard/#/daa/BLX</a></td>
</tr>
<tr>
<td>24 KryptoStar CORE</td>
<td>The Blockchain Smart DAA* offers basic, but not too broad, diversification among crypto assets. It is focused on the five most promising digital assets as chosen by the DAA* manager.</td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/BIF">https://www.iconomi.net/dashboard/#/daa/BIF</a></td>
</tr>
<tr>
<td>25 Blockchain Smart</td>
<td>Ragnarok Crypto Asset Array (RCAA) has a medium to high risk profile. They buy into fundamentally sound projects and take profits on every run-up to cover initial costs and simultaneously stay in strong positions for future growth. The purpose of this DAA* is to serve as an entry point into the blockchain sector for traditional investors and the general public. This DAA* will especially fit people looking to diversify from traditional investment into the blockchain space without the hassle of creating and maintaining multiple wallets and accounts on exchanges. The DAA* will maintain a solid, low-risk, yet diverse portfolio. The main allocation is to Ethereum, which has outperformed many of the smaller tokens and still has great potential. Smaller percentages will be allocated to especially promising and undervalued digital assets.</td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/RCAA">https://www.iconomi.net/dashboard/#/daa/RCAA</a></td>
</tr>
<tr>
<td>26 Cornucopia Index</td>
<td>Pinta connects supporters' digital assets with the best distributed economy startups and other lucrative opportunities. Pinta is an actively managed DAA* with a higher performance target, lead by a team of experts conducting thorough research and due diligence. The Blockchain Easy Access DAA* (BEA) provides retail access to a diversified portfolio of digital assets without the need to open accounts on multiple exchanges. At this early stage, most of the DAA* is invested in base layer protocol investments, but the intention over time is to hold a wide range of assets covering all sectors and layers within the ecosystem.</td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/CRNC">https://www.iconomi.net/dashboard/#/daa/CRNC</a></td>
</tr>
<tr>
<td>28 Pinta</td>
<td>The Greychain Emerging Markets DAA (GEM) focuses on projects with the ambition to disrupt traditional financial services. Specifically, GEM focuses on projects that will bring financial services to the unbanked and other financially disconnected communities of the world through credit, cashless transactions, identification, and other projects with ancillary effects.</td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/CCP">https://www.iconomi.net/dashboard/#/daa/CCP</a></td>
</tr>
<tr>
<td>29 Blockchain Easy Access</td>
<td></td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/BEA">https://www.iconomi.net/dashboard/#/daa/BEA</a></td>
</tr>
<tr>
<td>30 Greychain Emerging Markets</td>
<td></td>
<td>Fund</td>
<td><a href="https://www.iconomi.net/dashboard/#/daa/GEM">https://www.iconomi.net/dashboard/#/daa/GEM</a></td>
</tr>
</tbody>
</table>

* DAA stands “Digital Assets Arrays”, a trademark of ICONOMI. For more information on DAAAs, you may visit https://www.iconomi.net/arrays
### Initial Fork Offerings

#### Forks of Bitcoin

- **Bitcoin Cash**
  - Block Height: 478558
  - Block Size: 8 MB
  - Hashing Algo: SHA-256
  - *(BCH/BCC)*

- **Lightning Bitcoin (LBTC)**
  - Block Height: 499999
  - Block Size: 2 MB
  - Hashing Algo: DPOS

- **Bitcoin Gold (GOD)**
  - Block Height: 499777
  - Block Size: 8 MB
  - Hashing Algo: Equihash
  - *(Large)*

- **Bitcoin World (BTCW)**
  - Block Height: 491406
  - Block Size: 8 MB
  - Hashing Algo: Equihash

- **Oil Bitcoin (OBTC)**
  - Block Height: 501949
  - Block Size: 2 MB
  - Hashing Algo: CPU

- **B2x Segwit (BZ)**
  - Block Height: 501451
  - Block Size: 4 MB
  - Hashing Algo: X11

- **Bitcoin Interest (BCI)**
  - Block Height: 505083
  - Block Size: 8 MB
  - Hashing Algo: GPU Mining

- **United Bitcoin (UBTC)**
  - Block Height: 501878
  - Block Size: 8 MB

- **Bitcoin Smart (BCS)**
  - Block Height: 505050
  - Block Size: 8 MB
  - Hashing Algo: Equihash

- **Bitcoin Gold (BTO)**
  - Block Height: 495866
  - Block Size: 8 MB
  - Hashing Algo: Equihash

- **Bitcoin Diamond (BCD)**
  - Block Height: 498888
  - Block Size: 8 MB
  - Hashing Algo: SHA-256

- **Super Bitcoin (SBTC)**
  - Block Height: 498888
  - Block Size: 8 MB
  - Hashing Algo: Equihash

- **Bitcoin Hot (BTH)**
  - Block Height: 498848
  - Block Size: 16 MB
  - Hashing Algo: BTHash

- **BitcoinX (BCX)**
  - Block Height: 505050
  - Block Size: 2 MB
  - Hashing Algo: POW to DPOS

- **Bitcoin Smart (BOS)**
  - Block Height: 505050
  - Block Size: 8 MB
  - Hashing Algo: Equihash

- **Bitcoin Diamond (BCD)**
  - Block Height: 498866
  - Block Size: 8 MB
  - Hashing Algo: Equihash

**A hard fork is a permanent divergence from the previous version of the blockchain due to a protocol change.**

**A fork commonly happens when multiple camps within the Bitcoin community cannot come to a consensus. As such, each camp decides to alter the underlying Bitcoin protocol and diverge from the original blockchain; effectively creating a new version of "Bitcoin".**
**CRYPTO THEFTS**

**How much has been lost?**

**73% FROM EXCHANGES**

**TOTAL VALUE LOST $649 MILLION**

**JAN 2015**
- $3,000
- $1,82m
- $777k
- $1.2m
- $250k
- $500k

**MAR**
- $1.5m
- $350k
- $37k

**MAY**
- $150
- $49
- $500k
- $230k

**JUN**
- $33k
- $150
- $81
- $85

**JUL**
- $85
- $50

**AUG**
- $1.6M
- $110
- $40

**JUN 2011**
- $35,000
- $775k

**MAR 2012**
- $18m
- $6M

**SEP**
- $250k
- $263,024

**NOV**
- $1.29M
- $410

**NOV 2013**
- $1.29M
- $650,000

**FEB 2014**
- $6,000
- $572k

**MAR 2014**
- $150
- $580k

**JUL 2014**
- $370
- $2m

**FEB 2017**
- $3,200
- $444,000

**JUL**
- $37,000
- $15,037

**AUG 2017**
- $1.1M
- $85M

**DEC 2017**
- $4,700

---

**Important Notice:** While we have made every attempt to ensure our data and information are gleaned from reliable sources and presented in the most accurate manner, CoinGecko takes no responsibility for any errors or omissions, or for the results obtained from the use of this information.

Note:
1. To convert your reps to USD, see our website.
2. Some thefts are reported as unexplained amounts. They are labeled accordingly in the infographic.

www.coingecko.com

EASIEST WAY TO TRACK CRYPTO - PRICIES
## Crypto Market Perspectives – GPU Mining Profitability (NVIDIA)

<table>
<thead>
<tr>
<th>Currency</th>
<th>Algorithm</th>
<th>Hash Rate</th>
<th>Power Consumption</th>
<th>Earnings per Month</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ethereum (ETH)</strong></td>
<td>Ethash</td>
<td>Est. Hash Rate: 30MH/s</td>
<td>Est. Power Consumption: 150W</td>
<td>Est. Earnings: $100.79 per month</td>
</tr>
<tr>
<td><strong>Ethereum Classic (ETC)</strong></td>
<td>Ethash</td>
<td>Est. Hash Rate: 30MH/s</td>
<td>Est. Power Consumption: 150W</td>
<td>Est. Earnings: $82.16 per month</td>
</tr>
</tbody>
</table>

**Notes:**
1. Est. Hash Rate based on past user data
2. Price and difficulty of coins estimated based on current prices and difficulty as of 27th December 2017
3. GPU runs perpetually the entire time.
4. Earnings do not account for power consumption.

**Prices:**
- ETH Price: $806.00 USD
- XMR Price: $0.84 USD
- ZEC Price: $599.30 USD
- BTG Price: $294.70 USD
- ETC Price: $31.23 USD

[www.nvidia.com](http://www.nvidia.com)
[www.reddit.com](http://www.reddit.com)
[www.coinwarz.com](http://www.coinwarz.com)
### Crypto Market Perspectives – GPU Mining Profitability (AMD)

<table>
<thead>
<tr>
<th>Cryptocurrency</th>
<th>Algorithm</th>
<th>Estimated Hash Rate</th>
<th>Power Consumption</th>
<th>Estimated Earnings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ethereum (ETH)</strong></td>
<td>Ethash</td>
<td>26 MH/s</td>
<td>130W</td>
<td>$87.35 per month</td>
</tr>
<tr>
<td><strong>Monero (XMR)</strong></td>
<td>Cryptonight</td>
<td>500 MH/s</td>
<td>130W</td>
<td>$53.58 per month</td>
</tr>
<tr>
<td><strong>Zcash (ZEC)</strong></td>
<td>Equihash</td>
<td>400 sol/s</td>
<td>130W</td>
<td>$97.68 per month</td>
</tr>
<tr>
<td><strong>Bitcoin Gold (BTG)</strong></td>
<td>Equihash</td>
<td>400H/s</td>
<td>130W</td>
<td>$98.24 per month</td>
</tr>
<tr>
<td><strong>Ethereum Classic (ETC)</strong></td>
<td>Ethash</td>
<td>26 MH/s</td>
<td>130W</td>
<td>$71.21 per month</td>
</tr>
</tbody>
</table>

**Notes:**
1. Est. Hash Rate based on past user data
2. Price and difficulty of coins estimated based on current prices and difficulty as of 27th December 2017
3. GPU runs perpetually the entire time.

ETH Price: $806.00 USD  
XMR Price: $94.60 USD  
ZEC Price: $559.30 USD  
BTG Price: $294.70 USD  
ETC Price: $31.23 USD

---

**www.sapphiretech.com**  
**www.amd.com**  
**www.coinwarz.com**
2017 was an exciting year for the Cryptocurrency world. We saw Bitcoin soar from US$1,000 to just above US$19,000, and in a few days tumble down to US$13,000.

2017 also marked the emergence of the Initial Coin offering (ICO). Regulators started expressing their views on the industry, with some stronger than others. Regulators from countries like the U.S., Japan, and Singapore seem to be the most permissive, while Chinese regulators take a rigid approach. With the rising popularity of cryptocurrencies, there also came scalability challenges. The Bitcoin community was split on how best to scale and as a result it split between Bitcoin and Bitcoin Cash. Ethereum, On the other hand, seems to have a more defined scaling roadmap, with measures such as Plasma, Raiden Network, and sharding, just to name a few.

Here is our view on where the industry is headed in 2018:

As ICOs increase in popularity, we expect more venture capitalists to participate in token sales rather than stick to traditional fundraising models. However, we also expect increased regulatory attention on ICOs, with regulators stepping in to shape the way ICOs are being conducted. That being said, with the spectrum of approaches different regulators are taking – from iron-fist to laissez-faire – we probably can expect ICO funds pouring into more permissive countries and withdrawing from others. It is our view that progressive regulators will continue to reap the benefits of ICOs. These countries will see blockchain talent, innovation, and resources grow, while the others risk being too late if they subsequently decide to join the party. However, we do think that some regulation is warranted to put a stop to suspect ICO projects.

The industry also has to focus substantial efforts in overcoming scalability challenges in 2018. We will perhaps see Ethereum establishing the best practices on how blockchain network scalability is to be achieved.

Finally, with continued growth in the Cryptocurrency market, we expect more prominent financial institutions to jump on the bandwagon by creating cryptocurrency trading desks and by designing a variety of structured products for keen investors. This can only bode well for the cryptocurrency market’s liquidity.

2017 has seen the cryptocurrency industry achieve much. However, more challenges remain to be overcome. Yet we remain confident and optimistic in the future of blockchain and cryptocurrency. With the amount of talent, innovation, and resources being channelled in globally, there is little doubt that this ground-breaking industry will move us all towards a more efficient, integrated society.

CoinGecko has and will always strive to provide you with data, trends, insights, and added perspective on this dynamic crypto market. With this, let’s take on 2018 with hopeful hearts.

Yours Faithfully,

[Signature]

CoinGecko
## Appendix 1 – Additional Information

### Top-30 Cryptocurrencies (as at 31 Dec 2017)

<table>
<thead>
<tr>
<th>Coin Name</th>
<th>Price (as of 31/12/2017)</th>
<th>YTD Returns (as of 31/12/2017)</th>
<th>Q4 Returns (as of 31/12/2017)</th>
<th>Market Cap Value (as of 31/12/2017)</th>
<th>Market Cap Distribution (as of 31/12/2017)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bitcoin (BTC)</td>
<td>$14,839.59</td>
<td>1,387%</td>
<td>241%</td>
<td>$248,925,602,660.69</td>
<td>43.60%</td>
</tr>
<tr>
<td>Ripple (XRP)</td>
<td>$2.18</td>
<td>34,032%</td>
<td>970%</td>
<td>$84,306,451,364.73</td>
<td>14.77%</td>
</tr>
<tr>
<td>Ethereum (ETH)</td>
<td>$774.70</td>
<td>9,506%</td>
<td>159%</td>
<td>$74,906,500,277.85</td>
<td>13.12%</td>
</tr>
<tr>
<td>Bitcoin Cash (BCH)</td>
<td>$2,537.08</td>
<td>536%</td>
<td>511%</td>
<td>$39,862,630,089.04</td>
<td>6.98%</td>
</tr>
<tr>
<td>Cardano (ADA)</td>
<td>$0.77</td>
<td>2,759%</td>
<td>2,759%</td>
<td>$19,902,516,520.12</td>
<td>3.49%</td>
</tr>
<tr>
<td>Litecoin (LTC)</td>
<td>$237.57</td>
<td>5,176%</td>
<td>340%</td>
<td>$12,961,886,488.85</td>
<td>2.27%</td>
</tr>
<tr>
<td>IOTA (IOT)</td>
<td>$3.81</td>
<td>624%</td>
<td>530%</td>
<td>$10,585,383,877.08</td>
<td>1.85%</td>
</tr>
<tr>
<td>NEM (XEM)</td>
<td>$1.08</td>
<td>31,765%</td>
<td>341%</td>
<td>$8,735,137,046.44</td>
<td>1.53%</td>
</tr>
<tr>
<td>Dash (DASH)</td>
<td>$1,082.02</td>
<td>9,397%</td>
<td>244%</td>
<td>$8,425,658,080.74</td>
<td>1.48%</td>
</tr>
<tr>
<td>Stellar Lumens (XLM)</td>
<td>$0.36</td>
<td>16,550%</td>
<td>2,507%</td>
<td>$6,387,241,301.25</td>
<td>1.12%</td>
</tr>
<tr>
<td>Monero (XMR)</td>
<td>$353.52</td>
<td>2,496%</td>
<td>280%</td>
<td>$5,496,114,087.99</td>
<td>0.96%</td>
</tr>
<tr>
<td>NEO (NEO)</td>
<td>$80.81</td>
<td>56,871%</td>
<td>128%</td>
<td>$5,252,549,710.93</td>
<td>0.92%</td>
</tr>
<tr>
<td>EOS (EOS)</td>
<td>$8.97</td>
<td>300%</td>
<td>1,171%</td>
<td>$4,262,853,860.92</td>
<td>0.75%</td>
</tr>
<tr>
<td>Qtum (QTUM)</td>
<td>$62.37</td>
<td>430%</td>
<td>403%</td>
<td>$4,501,199,123.51</td>
<td>0.79%</td>
</tr>
<tr>
<td>Bitcoin Gold (BTG)</td>
<td>$268.97</td>
<td>94%</td>
<td>94%</td>
<td>$4,502,091,527.17</td>
<td>0.79%</td>
</tr>
<tr>
<td>Verge (XVG)</td>
<td>$0.26</td>
<td>6,963%</td>
<td>3,386%</td>
<td>$3,568,413,522.13</td>
<td>0.63%</td>
</tr>
<tr>
<td>Tron (TRX)</td>
<td>$0.05</td>
<td>1,851%</td>
<td>1,851%</td>
<td>$3,061,167,096.50</td>
<td>0.54%</td>
</tr>
<tr>
<td>RaiBlocks (XRB)</td>
<td>$21.11</td>
<td>64,558%</td>
<td>25,286%</td>
<td>$2,812,551,584.90</td>
<td>0.49%</td>
</tr>
<tr>
<td>Bitconnect (BCC)</td>
<td>$428.02</td>
<td>292,407%</td>
<td>208%</td>
<td>$2,649,310,224.50</td>
<td>0.46%</td>
</tr>
<tr>
<td>Ethereum Classic (ETC)</td>
<td>$26.11</td>
<td>1,765%</td>
<td>105%</td>
<td>$2,579,478,936.69</td>
<td>0.45%</td>
</tr>
<tr>
<td>Lisk (LSK)</td>
<td>$21.78</td>
<td>14,799%</td>
<td>299%</td>
<td>$2,537,503,163.95</td>
<td>0.44%</td>
</tr>
<tr>
<td>ICON (ICX)</td>
<td>$5.79</td>
<td>1,112%</td>
<td>1,112%</td>
<td>$2,180,647,280.19</td>
<td>0.38%</td>
</tr>
<tr>
<td>OmiseGo (OMG)</td>
<td>$19.95</td>
<td>5,066%</td>
<td>103%</td>
<td>$2,035,259,108.15</td>
<td>0.36%</td>
</tr>
<tr>
<td>Bitshares (BTS)</td>
<td>$0.69</td>
<td>17,116%</td>
<td>745%</td>
<td>$1,720,870,649.00</td>
<td>0.30%</td>
</tr>
<tr>
<td>Ardor (ARDR)</td>
<td>$1.73</td>
<td>686%</td>
<td>746%</td>
<td>$1,728,618,776.17</td>
<td>0.30%</td>
</tr>
<tr>
<td>Populous (PPT)</td>
<td>$40.95</td>
<td>773%</td>
<td>1,571%</td>
<td>$1,515,329,707.26</td>
<td>0.27%</td>
</tr>
<tr>
<td>zCash (ZEC)</td>
<td>$506.84</td>
<td>945%</td>
<td>91%</td>
<td>$1,499,081,591.39</td>
<td>0.26%</td>
</tr>
<tr>
<td>Stratis (STRAT)</td>
<td>$14.90</td>
<td>19,469%</td>
<td>265%</td>
<td>$1,353,768,634.68</td>
<td>0.24%</td>
</tr>
<tr>
<td>Tether (USDT)</td>
<td>$1.01</td>
<td>1%</td>
<td>1%</td>
<td>$1,393,290,051.80</td>
<td>0.24%</td>
</tr>
<tr>
<td>HShare (HSR)</td>
<td>$29.75</td>
<td>69%</td>
<td>69%</td>
<td>$1,262,576,037.36</td>
<td>0.22%</td>
</tr>
</tbody>
</table>
Appendix 2 - Crypto Market Breakdown

Year-to-Date Top-5 Cryptocurrencies Market Cap Growth (%)

- **BTC**
- **ETH**
- **XRP**
- **BCH**
- **ADA**

- **XRP 36,288%**
- **ETH 10,516%**
- **ADA 2,759%**
- **BTC 1451%**
- **BCH 215%**

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"I think the fact that within the bitcoin universe an algorithm replaces the functions of [the government] ... is actually pretty cool. I am a big fan of Bitcoin."

- Al Gore -

Bitcoin enables certain uses that are very unique. I think it offers possibilities that no other currency allows. For example, the ability to spend a coin that only occurs when two separate parties agree to spend the coin, with a third party that couldn’t run away with the coin itself.”

Pieter Wulke

Blockchain is the tech. bitcoin is merely the first mainstream manifestation of its potential.

Marc Kenisberg

"The Federal Reserve simply does not have authority to supervise or regulate Bitcoin in any way."

- Janet Yellen

"There is no need to regulate Bitcoin. As long as it remains part of the protocol, the bank is not the one that changes. The users are determining the users independence of the miners' efforts."

Bank of Finland

"Lost coins only make everyone else's coins worth slightly more. Think of it as a donation to everyone."

Satoshi Nakamoto

"You can't stop things like bitcoin. It will be everywhere and the world will have to readjust. World governments will have to readjust."

John McAfee

"Bitcoin is the crypto gold. It's the gateway coin, and the main store of value within the crypoeconomy."

Oly Sagal, Blackman Capital

"Crypoeurrency is such a powerful concept that it can almost overturn governments."

- Charles Lee, on people's fear of government interventions

"I see the global market cap of crypto as very, very small compared to its true potential!"

Thomas Franze, Ledger