



WEEKLY

# Crypto Market Overview

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**August 28<sup>th</sup> - September 4<sup>th</sup> 2022**

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August 29<sup>th</sup> 2022

## AVAX price fell as Avalanche got exposed of alleged malicious litigation against competitors.<sup>1</sup>

- A self-proclaimed crypto whistleblower called Crypto Leaks accused Ava Labs, the company behind Avalanche blockchain's development, of using litigation to attack competitors.<sup>2</sup>
- Crypto Leaks revealed in a video that Kyle Roche, a lawyer employed by Ava Labs, took advantage of the American legal system to gain access to competitor companies' information as well as to divert their resource from blockchain building.<sup>3</sup>
- AVAX token price fell as much as 11% in one day after the news, and its weekly return stands at -5.3%.<sup>4</sup>
- Ava Labs' founder, Emin Gun Sirer, denied Crypto Leaks' claims.<sup>5</sup>

Protocol

August 30<sup>th</sup> 2022

## Compound price feeds upgrade caused Compound ETH (cETH) token to freeze.<sup>6</sup>

- Compound, a DeFi lending protocol, was updating its Chainlink price feeds per a governance proposal.<sup>7</sup>
- The codes of the update contained an error, which caused lending and borrowing transactions of cETH to revert.<sup>8</sup>
- Users can still repay debt and add collateral to existing loans using other assets.<sup>9</sup>
- A new governance proposal of reverting to original price feeds is waiting to go into effect, which is expected to take seven days.<sup>10</sup>
- Robert Leshner, the founder of Compound, stated that "no funds seem immediately at risk" and COMP's price gained 10.53% over the past week.<sup>11</sup>

Protocol

August 30<sup>th</sup> 2022

## Binance launches liquid staking for its own native token.<sup>12</sup>

- BNB Chain is offering liquid staking to BNB token via three protocols: Ankr, Stader, and pStake.<sup>13</sup>
- Like liquid staking for ETH, investors can stake BNB token to generate passive yield.<sup>14</sup>
- Last week, Coinbase introduced liquid staking for ETH, which allows users to sell and transfer staked ETH as well as to use it as collateral in DeFi protocols.<sup>15</sup>
- Providing liquid staking on chain is gaining more market traction, suggesting a big market potential.<sup>16</sup>

Industry

Equity market was down, U.S. 10-year Treasury yield at 3.1894%, broad commodities were down, cryptocurrencies stabilized.<sup>17</sup>

Crypto total market capitalization at \$982 billion.<sup>18</sup>

**Top 100 coins dominate 95.58% of the crypto market.<sup>19</sup>**

**BTC's market dominance stands at 37.7% while ETH's stands at 19.1%.<sup>20</sup>**

Compared to last week, sector dominance change remained within 2%.<sup>21</sup>

HNT, the native cryptocurrency of Helium, dropped 33.1% in return in the past week. Its price movement can be attributed to Helium developers' proposal to migrate all blockchain-related activities to the Solana protocol.<sup>22</sup>



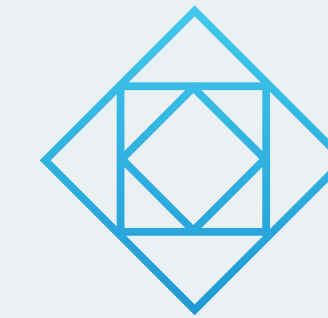
## In liquid staking, does minting a staked token imply the staked token is associated with a new blockchain?

To most directly to answer the question, new token (in the context of being minted) does not imply it is created on a new blockchain. In fact, minted tokens – in liquid staking which are called staked in-kind tokens – are created on the underlying/original blockchain, following the native blockchain's token standard. To provide an example, stETH on Lido Finance is an ERC-20 token, which means it obeys one kind of Ethereum's token standards. Tying back to the news on Binance, the minted staked BNB tokens (on the three platforms they partnered with) obey the BEP-20 token standard on the Binance chain, are thus created upon the Binance chain.

However, to elaborate on this point, having the token created on the underlying blockchain does not mean it cannot be traded/swapped on another blockchain. This implies two things:

1. Staked tokens can be traded on different layer-one blockchains via exchanges and liquidity pools (stETH can be traded on Curve)
2. Staked tokens can be bridged to different layer-one blockchains (not always the case but depends on what services the liquidity provider offers)

To take a look at a concrete example, look at Ankr, one of Binance' partner in providing liquid staking for BNB tokens. It has both liquidity pools for its own staked tokens as well as bridges for other blockchains.



## Common misconceptions of the Ethereum Merge

[Answer](#)



## Deep dive on consensus mechanisms

[Answer](#)

## General Market Movement

# CRYPTO VS. TRADITIONAL MARKETS



		Returns				Annualized Volatility		
		1W	1M	3M	1Y	1M	3M	1Y
<b>Equity</b>								
	S&P 500 Index	-3.29%	-5.48%	-4.49%	-13.48%	16.08%	19.21%	17.42%
	NASDAQ 100 Index	-4.02%	-9.11%	-3.58%	-22.71%	20.49%	24.91%	23.94%
	Dow Jones Industrial Average	-2.99%	-4.30%	-4.81%	-11.31%	13.87%	15.80%	11.12%
<b>Fixed Income</b>								
	Bloomberg US Agg Total Return	-1.02%	-3.06%	-1.84%	-11.64%	5.58%	6.75%	5.26%
	Bloomberg Short Treasury	0.03%	0.13%	0.14%	0.07%	0.16%	0.27%	0.17%
	Bloomberg US Intermediate Treasury	-0.34%	-1.77%	-0.95%	-7.47%	3.50%	4.45%	3.43%
	Bloomberg US Long Treasury	-2.68%	-7.14%	-4.16%	-23.31%	13.80%	15.68%	14.10%
<b>Commodity</b>								
	Bloomberg Commodity Index	-4.36%	1.11%	-10.51%	23.61%	14.60%	21.49%	18.56%
	Energy	-6.25%	4.44%	-10.32%	71.92%	26.34%	38.04%	34.89%
	Precious Metals	-2.25%	-6.05%	-10.10%	-12.45%	11.97%	12.77%	13.82%
	Industrial Metals	-8.16%	-5.17%	-20.90%	-9.23%	20.64%	23.24%	23.37%
	Agriculture	-1.90%	4.51%	-8.12%	20.76%	18.46%	23.52%	18.03%
<b>Crypto</b>								
	Bitcoin	-2.14%	-13.58%	-36.18%	-61.67%	51.17%	68.57%	67.54%
	Ether	1.61%	-6.86%	-13.00%	-60.11%	86.97%	106.00%	87.55%
	S&P Cryptocurrency Broad Digital Market Index	-2.12%	-8.96%	-22.98%	-64.93%	44.74%	63.29%	57.94%
	DeFi Pulse Index	3.22%	-20.01%	-5.98%	-79.46%	68.24%	88.33%	85.66%
	Metaverse Index	2.50%	-22.63%	-32.76%	-74.30%	72.00%	83.63%	103.93%

## General Market Movement

# CORRELATION OF ASSET CLASSES



	S&P 500 Index	Nasdaq 100 Index	Bloomberg US Agg Total Return	Bloomberg Short Treasury	Bloomberg US Intermediate Treasury	Bloomberg US Long Treasury	Bloomberg Commodity Index	Energy	Precious Metals	Industrial Metals	Agriculture	Bitcoin	Ether	S&P Crypto Broad Digital Index	DeFi Pulse Index	Metaverse Index
S&P 500 Index	1.00															
Nasdaq 100 Index	0.89	1.00														
Bloomberg US Agg Total Return	0.06	0.12	1.00													
Bloomberg Short Treasury	0.13	0.11	0.58	1.00												
Bloomberg US Intermediate Treasury	0.01	0.06	0.95	0.67	1.00											
Bloomberg US Long Treasury	-0.11	-0.02	0.92	0.37	0.81	1.00										
Bloomberg Commodity Index	0.10	0.02	-0.05	0.08	-0.03	-0.13	1.00									
Energy	0.12	0.04	-0.09	0.05	-0.07	-0.16	0.90	1.00								
Precious Metals	0.01	-0.02	0.23	0.13	0.25	0.18	0.50	0.28	1.00							
Industrial Metals	0.10	0.06	-0.01	0.07	-0.01	-0.05	0.62	0.38	0.40	1.00						
Agriculture	0.00	-0.06	-0.05	0.04	-0.02	-0.10	0.72	0.42	0.38	0.41	1.00					
Bitcoin	0.36	0.41	0.04	0.07	0.01	-0.03	0.13	0.09	0.05	0.16	0.11	1.00				
Ether	0.37	0.41	0.03	0.07	0.01	-0.05	0.13	0.09	0.07	0.14	0.10	0.85	1.00			
S&P Cryptocurrency Broad Digital Index	0.43	0.48	0.04	0.09	0.01	-0.04	0.15	0.09	0.08	0.19	0.11	0.77	0.74	1.00		
DeFi Pulse Index	0.25	0.20	0.00	0.06	-0.01	-0.05	0.03	0.02	0.01	0.02	0.02	0.17	0.21	0.18	1.00	
Metaverse Index	0.21	0.19	0.00	0.05	0.00	-0.05	0.02	0.01	0.03	0.03	0.02	0.18	0.20	0.19	0.73	1.00

CORRELATION OF TOP 10 CRYPTOCURRENCIES

	Bitcoin	Ethererum	BNB	XRP	Cardano	Solana	Polkadot	Dogecoin	Polygon	Shiba Inu
Bitcoin	1.00									
Ethereum	0.88	1.00								
BNB	0.80	0.83	1.00							
XRP	0.74	0.75	0.73	1.00						
Cardano	0.77	0.77	0.77	0.76	1.00					
Solana	0.69	0.77	0.70	0.71	0.69	1.00				
Polkadot	0.76	0.79	0.80	0.76	0.77	0.74	1.00			
Dogecoin	0.71	0.70	0.71	0.67	0.70	0.61	0.66	1.00		
Polygon	0.73	0.79	0.76	0.70	0.73	0.71	0.72	0.65	1.00	
Shiba Inu	0.46	0.41	0.42	0.36	0.37	0.30	0.39	0.47	0.39	1.00

	Market Cap (USD)	Market Dominance	Number of Coins
Payments	579,411,818,526.41	57.60%	21
Infrastructure	331,738,551,047.46	32.98%	36
Financial	23,588,248,213.92	2.34%	21
Media and Entertainment	7,561,602,662.10	0.75%	7
Others	19,192,833,555.33	1.91%	15
Sum	961,493,054,005	95.58%	100



## Sector and Token Movement

### TOP & BOTTOM PERFORMERS OF TOP 100 CRYPTOCURRENCIES BY MARKET CAP



	Symbol	Name	Market Dominance Rank	Market Dominance	Return					Annualized Volatility		
					1D	1W	1M	3M	1Y	1M	3M	1Y
Top 10	DFI	DeFiChain	68	0.07%	5.7%	30.0%	19.7%	-45.0%	-61.3%	85.4%	95.6%	93.7%
	GMX	GMX	89	0.04%	8.4%	27.6%	34.4%	172.3%	NA	137.4%	159.9%	155.7%
	BIT	BitDAO	72	0.07%	1.8%	13.1%	-15.2%	12.9%	1.8%	105.6%	90.4%	81.6%
	ATOM	Cosmos	22	0.36%	3.4%	12.8%	21.3%	40.4%	-49.9%	90.5%	110.6%	133.9%
	ADA	Cardano	7	1.69%	1.5%	10.7%	-2.5%	-18.7%	-82.9%	73.9%	83.4%	96.9%
	FXS	Frax Share	87	0.05%	3.7%	9.8%	-11.2%	29.0%	12.4%	73.9%	124.7%	166.0%
	MATIC	Polygon	12	0.77%	1.0%	9.1%	-1.9%	44.5%	-47.0%	78.4%	134.5%	126.0%
	LTC	Litecoin	21	0.42%	0.4%	8.1%	-0.9%	-5.5%	-74.1%	69.6%	87.7%	91.7%
	LDO	Lido DAO	44	0.12%	0.3%	7.8%	-22.1%	88.5%	-57.2%	166.7%	207.3%	185.9%
	LINK	Chainlink	23	0.35%	4.7%	7.5%	-7.6%	-17.3%	-78.5%	77.3%	101.6%	106.5%
Bottom 10	10SET	Tenset	90	0.04%	0.2%	-5.0%	-25.0%	7784.1%	30.5%	70.2%	253.9%	183.0%
	OKB	OKB	53	0.09%	0.6%	-5.7%	-16.2%	35.4%	-33.2%	82.8%	78.8%	98.4%
	QNT	Quant Network	47	0.11%	0.6%	-6.1%	-21.0%	47.4%	-70.3%	88.3%	110.4%	120.6%
	HBAR	Hedera Hashgraph	40	0.14%	1.3%	-6.1%	-19.6%	-31.8%	-79.9%	71.8%	84.9%	105.6%
	TKX	Tokenize Xchange	96	0.04%	3.6%	-6.2%	4.0%	5.5%	31.2%	84.7%	77.4%	95.1%
	AR	Arweave	81	0.05%	0.7%	-6.4%	-31.4%	-27.4%	-79.6%	77.5%	123.7%	143.9%
	MKR	Maker	61	0.07%	1.7%	-7.0%	-30.6%	-34.8%	-79.7%	74.0%	105.1%	99.6%
	AMP	Amp	86	0.05%	-0.5%	-7.2%	-27.8%	-48.1%	-90.1%	45.4%	71.3%	104.0%
	SNX	Synthetix	64	0.07%	1.2%	-14.2%	-30.3%	9.5%	-77.0%	129.9%	191.8%	151.0%
	HNT	Helium	80	0.05%	-1.3%	-33.1%	-52.9%	-59.9%	-82.6%	86.9%	116.1%	122.3%

## Sector and Token Movement

# TOKEN MARKET DOMINANCE & CHANGE OF TOP 100 CRYPTOCURRENCIES BY MARKET CAP



								Return				Annualized Volatility		
		Symbol	Name	Price (USD)	Market Cap Rank	Market Cap Dominance	Market Cap (USD)	1W	1M	3M	1Y	1M	3M	1Y
Payments	Currency	BTC	Bitcoin	19830.69	1	37.73%	379,515,022,789	-2.14%	-13.58%	-36.18%	-61.67%	51.17%	68.57%	67.54%
		XRP	XRP	0.33	8	1.63%	16,435,683,450	-0.72%	-10.86%	-18.67%	-74.67%	46.02%	64.87%	82.95%
		DOGE	Dogecoin	0.06	11	0.83%	8,369,747,535	-1.03%	-7.98%	-21.32%	-79.91%	90.54%	97.63%	98.25%
	Stablecoin	USDT	Tether	1.00	3	6.71%	67,489,839,647	-0.02%	-0.04%	0.02%	-0.10%	1.13%	1.05%	8.16%
		USDC	USD Coin	1.00	4	5.15%	51,856,213,560	0.00%	0.00%	-0.11%	-0.31%	0.00%	2.60%	5.21%
		BUSD	Binance USD	1.00	6	1.94%	19,555,493,338	0.00%	0.00%	-0.02%	0.03%	0.00%	6.93%	6.69%
Financials	DEX	UNI	Uniswap	6.42	27	0.29%	2,934,565,761	1.94%	-26.38%	23.79%	-78.00%	82.97%	124.60%	113.19%
		DFI	DeFiChain	1.17	68	0.07%	679,552,576	30.00%	19.75%	-45.04%	-61.31%	85.35%	95.62%	93.71%
		CAKE	PancakeSwap	4.13	73	0.06%	586,803,444	3.13%	-0.35%	-6.78%	-83.06%	60.15%	81.06%	98.73%
	Lending	AAVE	Aave	88.82	43	0.12%	1,244,500,731	3.99%	-10.00%	-10.09%	-78.61%	102.91%	132.73%	127.21%
		MKR	Maker	753.40	61	0.07%	737,782,533	-6.95%	-30.58%	-34.77%	-79.72%	73.96%	105.11%	99.64%
		NEXO	Nexo	1.04	74	0.06%	583,493,484	5.30%	39.25%	-15.39%	-47.59%	90.16%	108.51%	96.27%
	Centralized Exchanges	LEO	Unus Sed Leo	5.21	18	0.49%	4,973,070,160	-0.29%	6.46%	-0.98%	76.62%	57.17%	54.68%	84.64%
		FTT	FTX Token	26.28	24	0.35%	3,525,346,838	-3.79%	-13.45%	-2.68%	-58.58%	68.37%	79.30%	91.18%
		OKB	OKB	15.35	53	0.09%	921,115,004	-5.68%	-16.20%	35.36%	-33.22%	82.84%	78.78%	98.42%
Infrastructure	Smart Contract Platform	ETH	Ethereum	1571.87	2	19.10%	192,166,897,423	1.61%	-6.86%	-13.00%	-60.11%	86.97%	106.00%	87.55%
		BNB	BNB	278.19	5	4.46%	44,900,167,210	-2.46%	-11.59%	-3.87%	-44.78%	47.30%	70.51%	77.91%
		ADA	Cardano	0.50	7	1.69%	17,005,622,359	10.75%	-2.48%	-18.70%	-82.87%	73.89%	83.39%	96.93%
	Scaling	MATIC	Polygon	0.89	12	0.77%	7,721,374,956	9.09%	-1.88%	44.48%	-47.00%	78.43%	134.51%	126.02%
	File Storage	FIL	Filecoin	6.21	34	0.17%	1,709,038,531	3.71%	-34.03%	-14.84%	-94.52%	108.45%	125.29%	117.91%
		AR	Arweave	10.20	81	0.05%	510,082,775	-6.41%	-31.39%	-27.38%	-79.56%	77.45%	123.75%	143.93%
	Data Storage	LINK	Chainlink	7.18	23	0.35%	3,529,672,800	7.50%	-7.65%	-17.26%	-78.55%	77.35%	101.59%	106.47%
		GRT	The Graph	0.10	59	0.08%	772,038,324	-1.82%	-18.32%	-32.50%	-89.81%	102.44%	104.65%	126.32%
	IoT	MIOTA	IOTA	0.29	57	0.08%	803,810,880	-0.32%	-14.98%	-17.69%	-83.96%	66.81%	82.21%	105.38%
HNT		Helium	4.10	80	0.05%	517,951,870	-33.08%	-52.93%	-59.94%	-82.57%	86.93%	116.08%	122.31%	
Media and Entertainment	Metaverse	MANA	Decentraland	0.80	37	0.15%	1,488,504,742	1.16%	-23.28%	-21.21%	-25.35%	68.80%	91.67%	212.66%
	Gaming	SAND	The Sandbox	0.97	39	0.14%	1,428,424,200	-1.64%	-26.38%	-25.82%	-0.59%	63.80%	108.18%	157.43%
		AXS	Axie Infinity	14.51	42	0.13%	1,306,082,626	5.01%	-19.09%	-26.23%	-82.33%	82.70%	109.97%	131.28%
		ENJ	Enjin Coin	0.53	77	0.05%	534,299,541	1.44%	-21.06%	-14.43%	-75.60%	70.09%	97.88%	124.18%
	Content Creation and Distribution	THETA	Theta Network	1.17	46	0.12%	1,169,047,944	-1.07%	-24.69%	-5.73%	-85.71%	93.32%	104.83%	121.62%
Advertisement	BAT	Basic Attention Token	0.35	79	0.05%	521,363,526	0.58%	-19.38%	-11.25%	-64.56%	67.80%	100.26%	128.08%	

Cross River is a comprehensive technology infrastructure provider offering core banking services, built with modular APIs. We are incorporating fiat and crypto seamlessly in a regulatory compliant and safe way with direct connection to traditional payment rails.

## Crypto Solutions

### **Fiat On/Off Ramps**

Move fiat funds via ACH or Wire before conversion into crypto

### **Custody, Buy, Sell (Under Development)**

Buy, sell, or hold with support for digital assets in a turnkey and compliant solution

## FOOTNOTES

- <sup>1</sup> <https://www.coindesk.com/markets/2022/08/29/crypto-coin-avax-drops-11-after-self-described-whistleblower-says-avalanche-weaponised-litigation-against-rivals>
- <sup>2</sup> Ibid.
- <sup>3</sup> <https://decrypt.co/108929/this-week-on-crypto-twitter-avalanche-exposed-whistleblower-ted-cruz-crypto-mine-visit>
- <sup>4</sup> <https://coinmarketcap.com/currencies/avalanche/>
- <sup>5</sup> <https://twitter.com/el33th4xor/status/1564300498957737984>
- <sup>6</sup> <https://www.theblock.co/post/166674/protocol-upgrade-accidentally-freezes-eth-on-compound-for-7-days>
- <sup>7</sup> Ibid.
- <sup>8</sup> Ibid.
- <sup>9</sup> Ibid.
- <sup>10</sup> Ibid.
- <sup>11</sup> <https://www.coindesk.com/markets/2022/08/30/market-for-compound-ether-token-frozen-after-code-bug-kills-price-feed/> , return calculated from 8/28/22 to 9/4/22
- <sup>12</sup> <https://www.coindesk.com/business/2022/08/30/bnb-chain-introduces-liquid-staking-to-provide-crypto-users-access-to-additional-income-streams/>
- <sup>13</sup> Ibid.
- <sup>14</sup> <https://coinmarketcap.com/alexandria/article/learn-about-liquid-staking-on-bnb-chain-take-a-short-quiz-to-earn-tokens>
- <sup>15</sup> <https://www.coindesk.com/tech/2022/08/24/crypto-exchange-coinbase-introduces-liquid-staking-token-before-ethereum-merge/>
- <sup>16</sup> Ibid.
- <sup>17</sup> See Crypto vs. Traditional Markets table. As of 9/04/2022.
- <sup>18</sup> <https://coinmarketcap.com/charts/>
- <sup>19</sup> See Sector Performance of Top 100 Cryptocurrencies by Market Cap table.
- <sup>20</sup> Source: Messari, as of 9/04/2022.
- <sup>21</sup> See Sector Performance of Top 100 Cryptocurrencies by Market Cap.
- <sup>22</sup> <https://www.theblock.co/post/166705/helium-developers-propose-a-full-migration-to-the-solana-blockchain>

## DATA TABLE SOURCES

### Crypto vs. Traditional Markets

Data Source: Bloomberg, [CoinGecko](#), Messari from 9/4/2021 to 9/4/2022. Cross River Bank and its affiliates do not provide tax, legal or accounting advice. This material has been prepared for informational purposes only, and is not intended to provide, and should not be relied on for, tax, legal or accounting advice. You should consult your own tax, legal and accounting advisors before engaging in any transaction.

### Correlation of Asset Classes

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### Correlation of Top 10 Cryptocurrencies (Ex-Stablecoins)

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### Sector Performance of Top 100 Cryptocurrencies by Market Cap

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### Top & Bottom Performers of Top 100 Cryptocurrencies by Market Cap

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### Sector Analysis of Top 100 Cryptocurrencies by Market Cap

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