

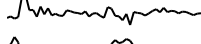



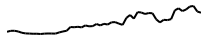
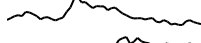




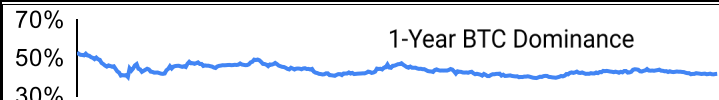
## Crypto Leaderboard

Rank	Name	Ticker	Price	1h	24h	7d	24h Vol \$m	MC \$m	1-Year Chart
1	Bitcoin	BTC	\$39,415	1%	-3%	-7%	23,653	750,671	
2	Ethereum	ETH	\$2,941	1%	-4%	-9%	14,883	354,889	
3	Tether	USDT	\$1.00	0%	0%	0%	50,488	82,855	
4	Binance	BNB	\$406	0%	-3%	-3%	1,465	68,353	
5	USD//Coin	USDC	\$1	0%	0%	0%	4,223	49,974	
6	Ripple	XRP	\$0.75	1%	-4%	-1%	3,020	36,037	
7	Solana	SOL	\$98.36	1%	-5%	-12%	1,569	32,807	
8	Terra	LUNA	\$83.20	3%	2%	-10%	1,991	29,715	
9	Cardano	ADA	\$0.90	1%	-6%	-13%	870	28,961	
10	Avalanche	AVAX	\$74	1%	-5%	-10%	542	20,011	

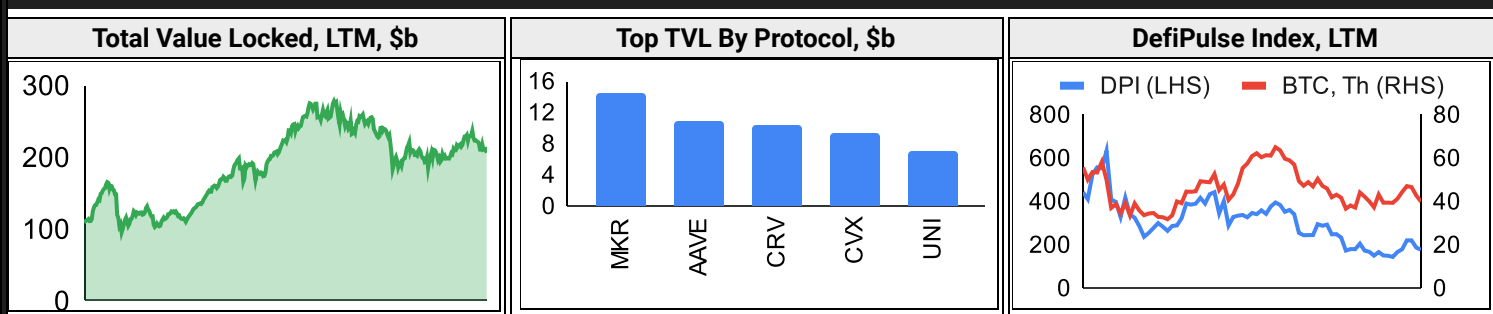
## Top & Bottom Performers - Top 100 Tokens

24h		7 Days		30 Days		90 Days		365 Days	
DCR	21%	DCR	18%	ZIL	138%	ZIL	71%	KICK	4,467%
XCN	6%	GMT	14%	PRIV	132%	LEO	58%	SHIB	1,210%
FXS	6%	XCN	7%	NEAR	35%	WAVES	43%	AXS	566%
GMT	3%	XMR	1%	DCR	29%	RUNE	31%	LUNA	520%
ZIL	-9%	ENJ	-16%	ZEC	-22%	CCXX	-55%	SAFEMOON	-84%
FIL	-9%	OSMO	-16%	CTC	-23%	PERP	-57%	CTC	-85%
EOS	-10%	CVX	-25%	CEL	-39%	ONE	-64%	FIL	-88%
FTT	-10%	MINA	-25%	WAVES	-40%	SAFEMOON	-68%	ICP	-97%

## Category Performance

Category	1d	7d	30d	90d	365d	Ecosystem	1d	7d	30d	90d	365d
Meme	-1%	6%	6%	-15%	576%	BSC	0%	2%	4%	-18%	-61%
DAOs	0%	5%	1%	-24%	-65%	Solana	-2%	1%	-8%	-18%	-22%
Privacy	3%	5%	4%	-6%	-60%	Polygon	-1%	1%	-4%	-28%	-64%
CEXs	-2%	2%	-1%	-2%	40%	Avalanche	-1%	0%	-8%	-24%	-34%
Defi	-1%	2%	-3%	-23%	-24%	Polkadot	-1%	0%	1%	-19%	%
DEX / B&L	-2%	1%	0%	-22%	-63%	xDAI	-2%	0%	-6%	-35%	-40%
Dist. Computing	-2%	1%	-3%	-32%	-66%	Cosmos	0%	-2%	-4%	-4%	127%
Smart Contract	-1%	-1%	1%	-19%	15%	Terra	2%	-4%	-16%	-7%	76%
NFTs	-1%	-1%	-7%	-34%	43%						
IoT	-1%	-2%	1%	-27%	-78%						
Gaming	-2%	-3%	-13%	-36%	189%						

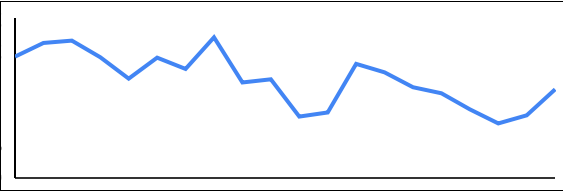
## Defi



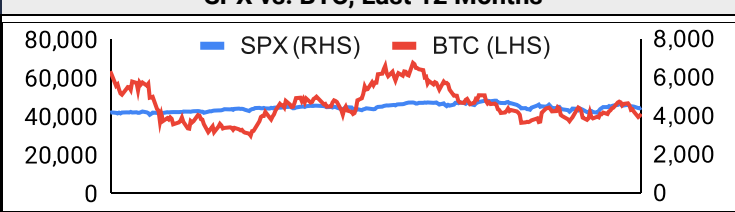
## Trading Volume

Aggregate Volumes by Product, \$b					Top Derivatives Exchanges, \$m and bps					Top Spot Exchanges, \$m		
	1d	7d	30d	O/I	Exchange	1d Vol	O/I	Mkr	Tkr	Exchange	Score	1d Vol
Spot	41	287	1,480	n/a	Binance	47,577	15,118	2.0	4.0	Binance	9.9	13,247
Perpetuals	88	604	2,820	31	Bybit	8,275	4,009	-2.5	7.5	FTX	8.3	1,646
Futures	1	8	32	1	OKX	7,562	3,920	2.0	5.0	Coinbase	8.2	1,656
Options	0	0	0	0	CoinTiger	6,650	7,017	0.0	0.0	Kraken	7.9	620

20 Day Volume - Top 100 Tokens, \$b					Top Volume, 1d, \$m		Top Volume, %20d Avg		Low Volume, %20d Avg	
					USDT	58,454	DCR	1166%	BTG	10%
					BTC	27,379	STX	392%	ZIL	25%
					ETH	15,745	FTT	327%	PRIV	37%
					BCH	4,139	HT	197%	CELO	40%
					BUSD	3,779	BAT	150%	WAVES	40%

## Traditional Finance

Global Equity Markets							SPX vs. BTC, Last 12 Months	
	SPX	N100	FTSE	DAX	NIKKEI	HSI		
1D	-1%	1%	0%	1%	0%	1%		
7D	0%	1%	0%	-1%	2%	1%		
90D	-4%	-6%	1%	-15%	-2%	-7%		
365D	6%	2%	9%	-20%	-10%	-18%		

10-Year Treasury Yields							Commodities & FX					
	US	Brazil	UK	Ger	Japan	HK		WTI	Gas	Gold	EUR/USD	USD/JPY
Last	2.82%	12.08%	1.89%	0.84%	0.24%	2.57%	Last	107	7.6	1,997	1.08	126.5
1d Chg	+0.014	+0.000	0	-0.0005	-0.004	-0.053	1d % Chg	+0.	+3.78%	+1.09%	+0.01%	+0.11%

## Crypto News

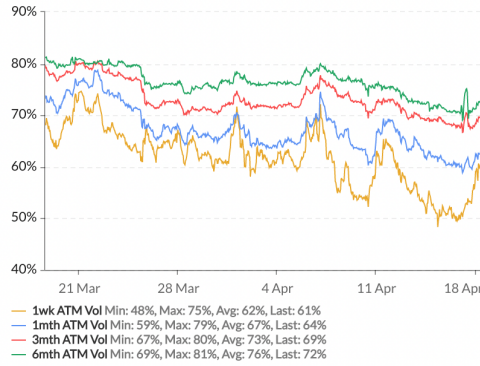
[Bitcoin ATM Operator Indicted in New York Allegedly Running Illegal Business Attracting Criminals - Regulation Bitcoin News - Bit](#)  
[We sent bitcoin from Miami to a Ukrainian in Poland who withdrew it as cash, all in less than three minutes - CNBC](#)  
[Attacker Drains \\$182M From Beanstalk Stablecoin Protocol - CoinDesk](#)  
[Github suspends accounts of Russian developers linked to sanctioned firms - Cointelegraph](#)  
[Iran to stiffen penalties for illegal use of subsidized energy in crypto mining - Cointelegraph](#)  
[Russian bankers reportedly want to outlaw noncustodial crypto wallets - Cointelegraph](#)  
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[Tornado Cash Adds Chainalysis Tool for Blocking OFAC-Sanctioned Wallets From Dapp - CoinDesk](#)  
[Owner of Brazil's Largest Crypto Exchange Plans to Launch Quantitative Trading Service - CoinDesk](#)  
[Central Bank of Portugal Grants Country's First Crypto License to a Bank - CoinDesk](#)

## Crypto Options

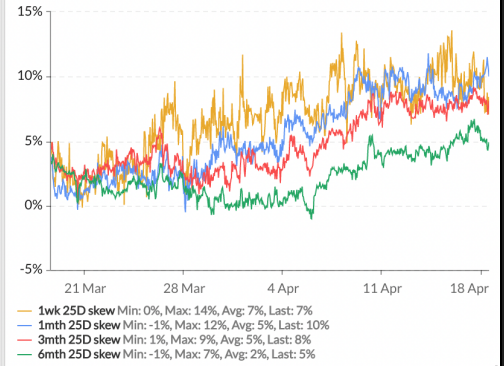
### BTC ATM Implied Vol, 1m



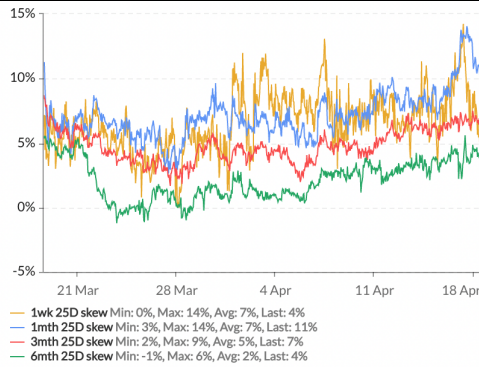
### ETH ATM Implied Vol, 1m



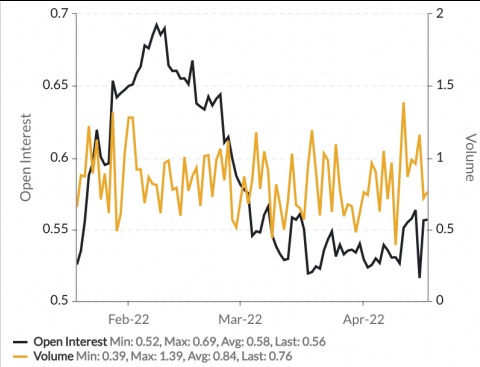
### BTC 25d Skew, 1m



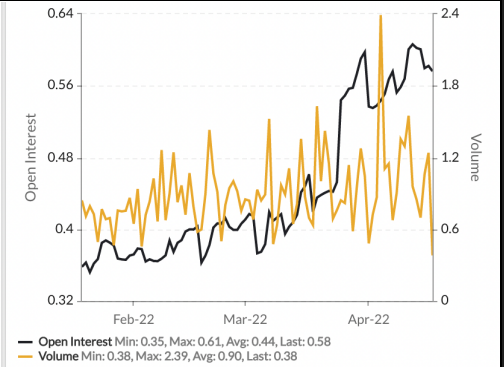
### ETH 25d Skew, 1m



### BTC Put/Call Ratios, 3m

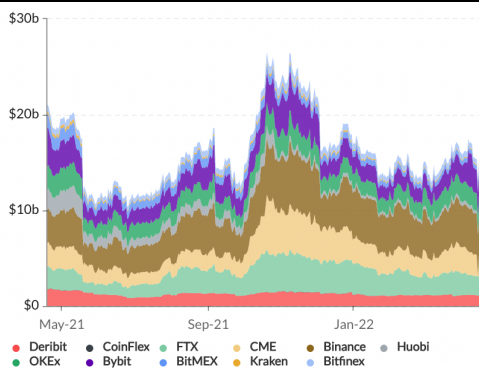


### ETH Put/Call Ratios, 3m

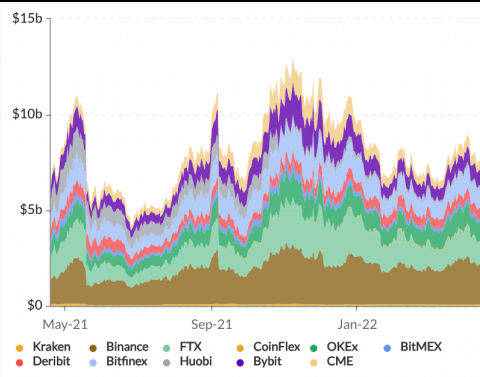


## Crypto Futures

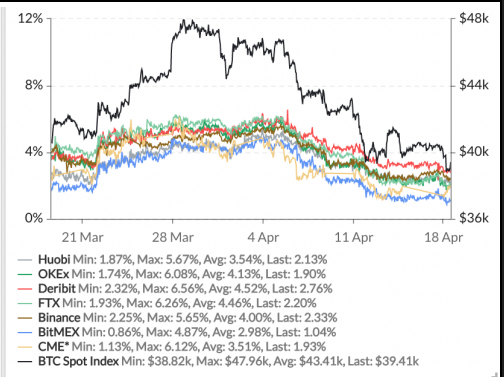
### BTC Aggregate Open Interest, 1y



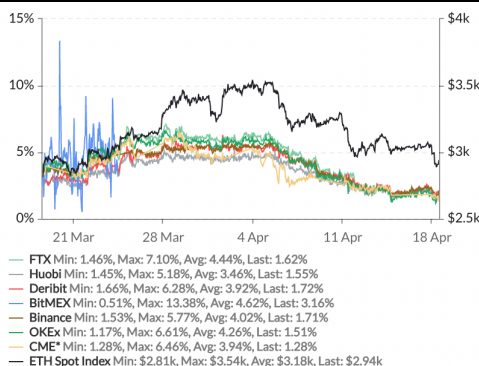
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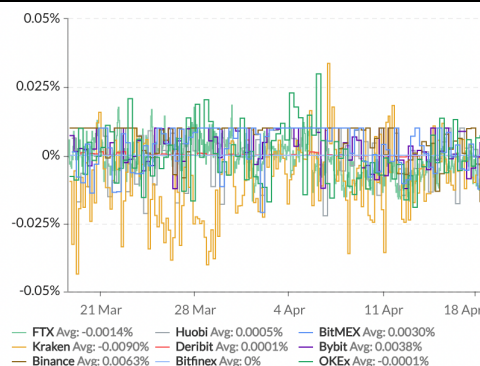
### BTC Annlzd Rolling 3m Basis, 1m



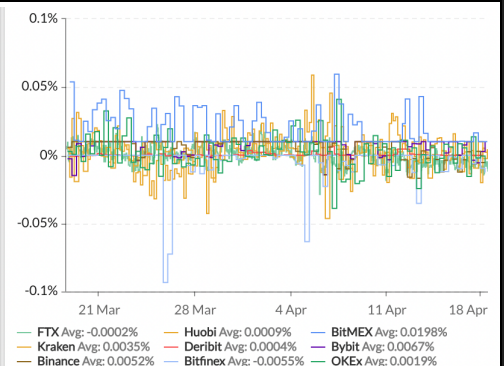
### ETH Annlzd Rolling 3m Basis, 1m



### BTC Perp Swaps Funding, 1m



### ETH Perp Swaps Funding, 1m





# Market Update – April 18, 2022

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GSR's experienced team brings together decades of institutional trading expertise, while our industry-leading proprietary technology stack anchors everything we do.

Our main service areas are: market making; proprietary and algorithmic trading; client execution; structured products; risk management solutions; and portfolio investments.

For more information or if we can help with anything, please see [gsr.io](https://gsr.io) or contact us at [gsr@gsr.io](mailto:gsr@gsr.io).

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