




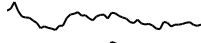






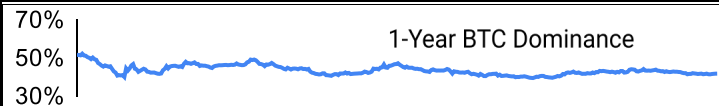
Crypto Leaderboard

Rank	Name	Ticker	Price	1h	24h	7d	24h Vol \$m	MC \$m	1-Year Chart
1	Bitcoin	BTC	\$41,867	-1%	2%	4%	23,970	797,399	
2	Ethereum	ETH	\$3,132	-1%	2%	3%	14,225	377,935	
3	Tether	USDT	\$1.00	0%	0%	0%	56,695	82,883	
4	Binance	BNB	\$425	-1%	2%	3%	1,892	71,606	
5	USD//Coin	USDC	\$1	0%	0%	0%	4,731	49,795	
6	Ripple	XRP	\$0.77	-1%	-1%	7%	2,874	36,877	
7	Solana	SOL	\$108.96	-1%	5%	5%	1,943	36,458	
8	Terra	LUNA	\$95.94	0%	5%	13%	2,343	33,917	
9	Cardano	ADA	\$0.96	-1%	3%	1%	764	30,961	
10	Avalanche	AVAX	\$80	-1%	1%	4%	672	21,389	

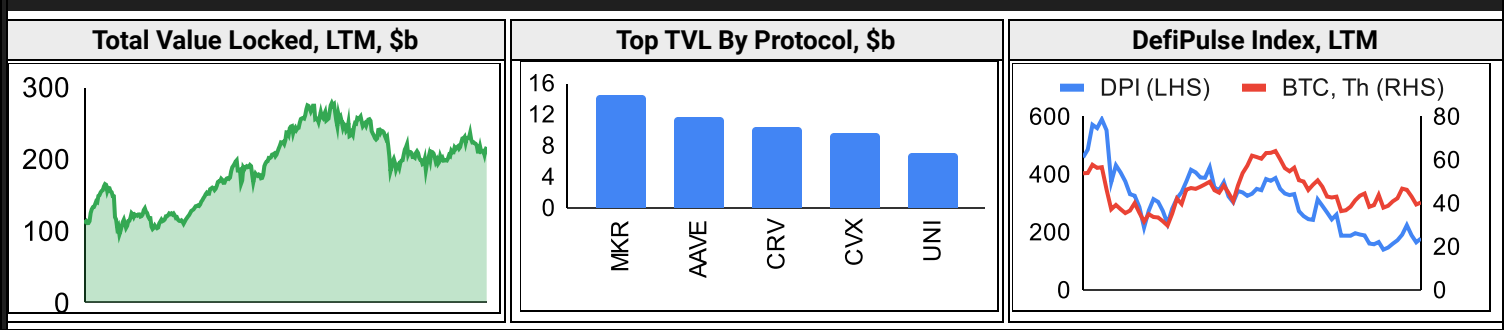
Top & Bottom Performers - Top 100 Tokens

24h		7 Days		30 Days		90 Days		365 Days	
APE	29%	GMT	62%	ZIL	177%	ZIL	110%	KICK	5,834%
SNX	28%	APE	38%	NEAR	59%	RUNE	90%	SHIB	949%
AAVE	13%	SNX	37%	SNX	42%	WAVES	68%	HEX	658%
GMT	10%	FXS	28%	CAKE	36%	LEO	59%	LUNA	617%
OKB	-2%	OSMO	-6%	PRIV	-15%	ONE	-50%	CTC	-84%
NEAR	-2%	HNT	-6%	CEL	-28%	CCXX	-55%	FIL	-87%
NEXO	-3%	WAVES	-7%	CTC	-29%	PRIV	-58%	SAFEMOON	-95%
XCN	-7%	SHIB	-7%	WAVES	-35%	SAFEMOON	-67%	ICP	-96%

Category Performance

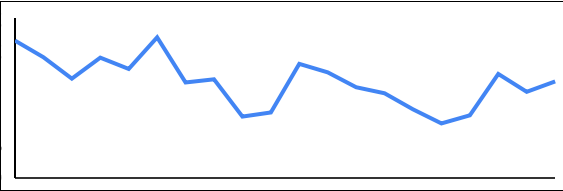
Category	1d	7d	30d	90d	365d	Ecosystem	1d	7d	30d	90d	365d
DEX / B&L	4%	7%	17%	1%	-56%	Polkadot	1%	4%	7%	-4%	-59%
DAOs	4%	6%	12%	-8%	-61%	Solana	2%	3%	2%	-5%	-11%
Privacy	1%	5%	6%	7%	-59%	Polygon	2%	3%	5%	-14%	-58%
Defi	3%	5%	10%	-5%	-13%	BSC	2%	3%	13%	-11%	-26%
Smart Contract	1%	3%	9%	-3%	31%	xDAI	4%	2%	4%	-4%	13%
CEXs	1%	2%	4%	4%	45%	Cosmos	1%	2%	3%	-24%	-33%
IoT	2%	2%	13%	-12%	-74%	Avalanche	0%	0%	-3%	8%	160%
Dist. Computing	1%	2%	8%	-20%	-58%	Terra	2%	0%	-6%	1%	96%
Meme	1%	0%	17%	-4%	448%						
NFTs	2%	-1%	4%	-23%	31%						
Gaming	2%	-1%	-1%	-24%	159%						

Defi

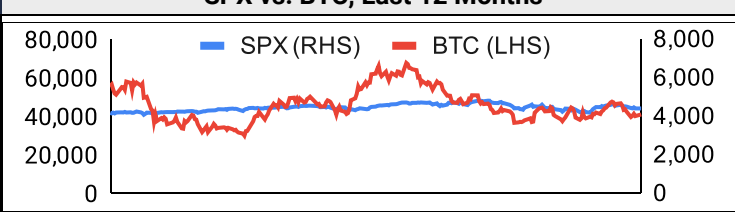


Trading Volume

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	49	291	1,570	n/a	Binance	53,436	16,583	2.0	4.0	Binance	9.9	18,734
Perpetuals	104	585	3,010	35	Bybit	8,378	4,064	-2.5	7.5	Coinbase	8.3	2,243
Futures	1	8	34	1	OKX	7,887	1,389	2.0	5.0	FTX	8.0	1,474
Options	0	0	0	0	CoinTiger	7,241	7,402	0.0	0.0	Kraken	7.9	737

20 Day Volume - Top 100 Tokens, \$b					Top Volume, 1d, \$m		Top Volume, %20d Avg		Low Volume, %20d Avg	
					USDT	66,915	PRIV	1153%	BTG	14%
					BTC	27,876	SNX	266%	BTT	46%
					ETH	15,114	PERP	179%	WAVES	48%
					BUSD	4,860	EGLD	158%	CELO	51%
					BCH	4,239	EOS	150%	FLOW	51%

Traditional Finance

Global Equity Markets							SPX vs. BTC, Last 12 Months	
	SPX	N100	FTSE	DAX	NIKKEI	HSI		
1D	2%	2%	0%	1%	1%	0%		
7D	1%	2%	0%	1%	0%	-2%		
90D	0%	-6%	0%	-13%	-1%	-13%		
365D	8%	5%	11%	-18%	-5%	-19%		

10-Year Treasury Yields							Commodities & FX					
	US	Brazil	UK	Ger	Japan	HK		WTI	Gas	Gold	EUR/USD	USD/JPY
Last	2.90%	12.17%	1.92%	0.86%	0.24%	2.80%	Last	103	7.1	1,951	1.08	128.1
1d Chg	-0.015	0	-0.05	-0.0555	-0.009	+0.054	1d % Chg	+0.	-1.74%	-0.43%	+0.36%	-0.63%

Crypto News

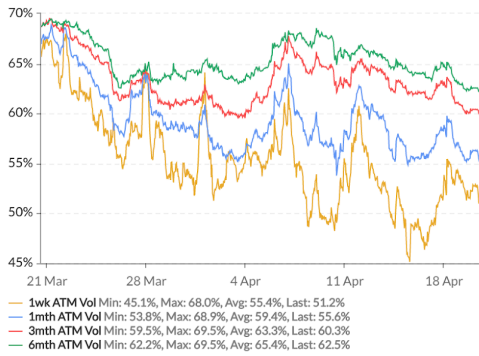
[Australia's first Bitcoin ETF could attract \\$1 billion after launch next week - Cointelegraph](#)
[The Rising Cost Of Energy Impacts Bitcoin Mining Profitability - Bitcoin Magazine](#)
[IMF global financial stability report sees complex roles for cryptocurrency, DeFi - Cointelegraph](#)
[MakerDAO deploys on layer-2 network StarkNet to enhance functions of DAI stablecoin - Cointelegraph](#)
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[Bitfinex Exchange Back Online After 'Issues' Cause 2-Hour Outage - CoinDesk](#)



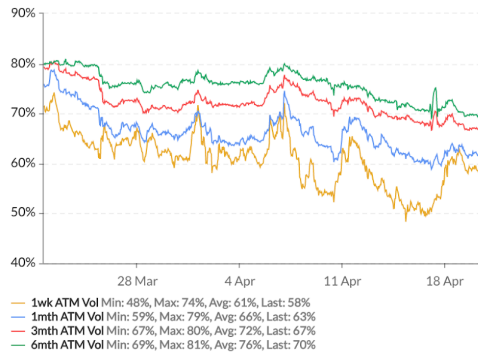
Market Update - April 20, 2022

Crypto Options

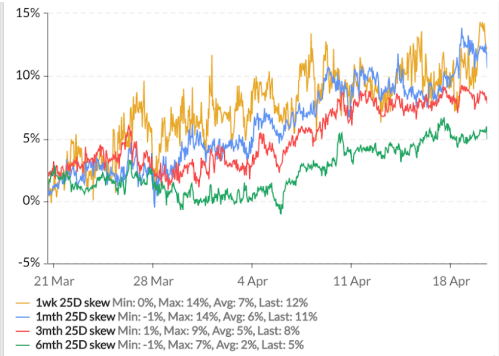
BTC ATM Implied Vol, 1m



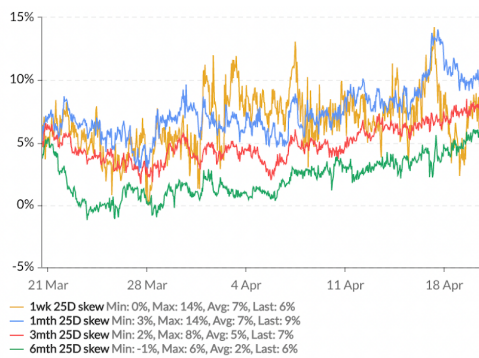
ETH ATM Implied Vol, 1m



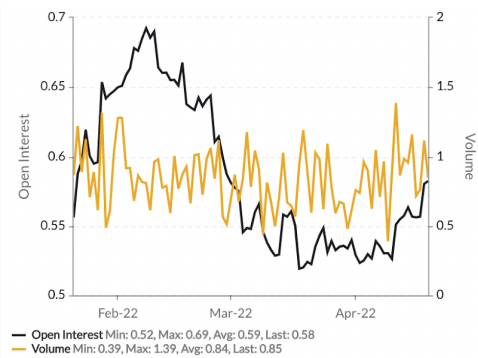
BTC 25d Skew, 1m



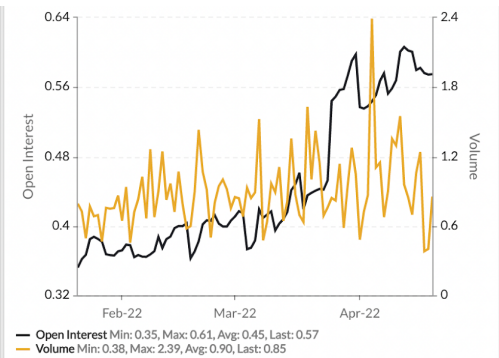
ETH 25d Skew, 1m



BTC Put/Call Ratios, 3m

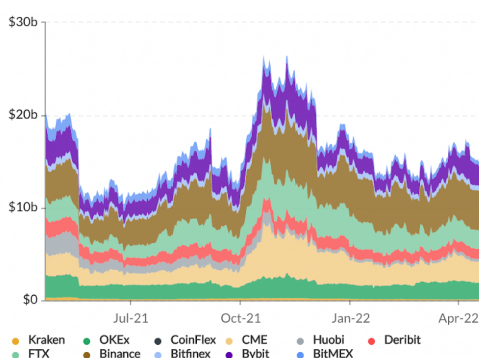


ETH Put/Call Ratios, 3m

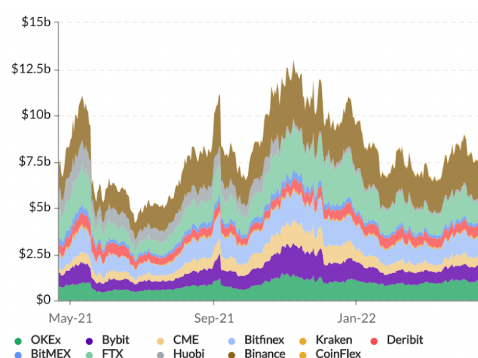


Crypto Futures

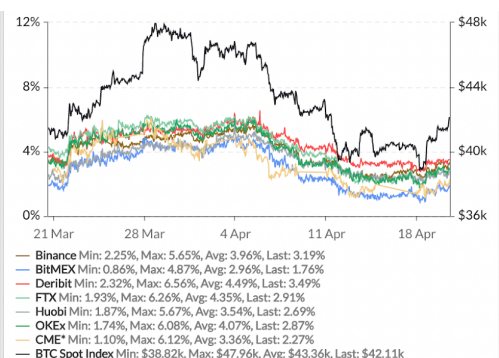
BTC Aggregate Open Interest, 1y



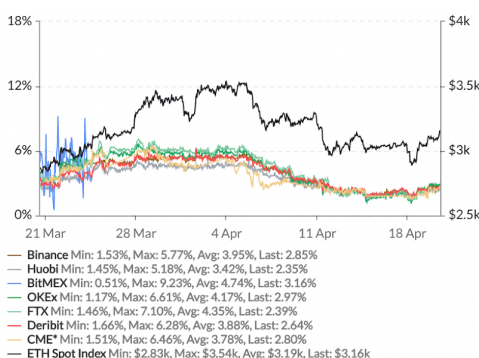
ETH Aggregate Open Interest, 1y



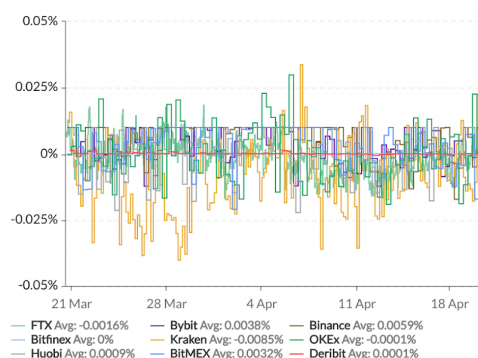
BTC Annlzd Rolling 3m Basis, 1m



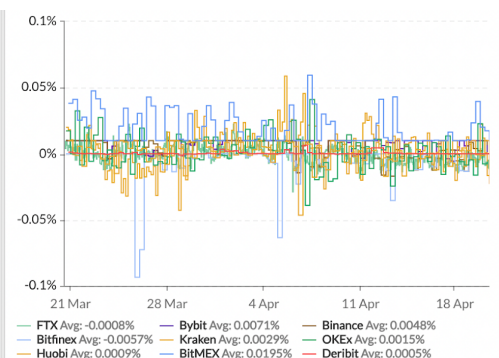
ETH Annlzd Rolling 3m Basis, 1m



BTC Perp Swaps Funding, 1m



ETH Perp Swaps Funding, 1m





Market Update – April 20, 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.

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