

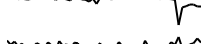



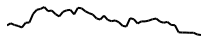





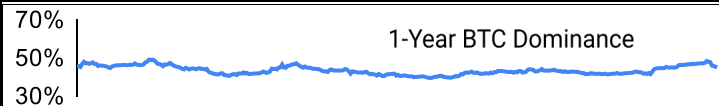
Crypto Leaderboard

Rank	Name	Ticker	Price	1h	24h	7d	24h Vol \$m	MC \$m	1-Year Chart
1	Bitcoin	BTC	\$20,948	-1%	-2%	-30%	27,066	399,647	
2	Ethereum	ETH	\$1,093	-1%	-4%	-39%	17,304	132,541	
3	Tether	USDT	\$1.00	0%	1%	0%	48,501	69,294	
4	USD Coin	USDC	\$1.00	0%	1%	0%	5,600	55,056	
5	BNB	BNB	\$218	-1%	0%	-25%	979	35,581	
6	Binance	BUSD	\$1.00	0%	-1%	0%	5,105	17,521	
7	Cardano	ADA	\$0.49	-1%	-1%	-22%	1,009	16,628	
8	Ripple	XRP	\$0.33	0%	3%	-18%	1,562	15,790	
9	Solana	SOL	\$31.57	-1%	-2%	-21%	1,595	10,814	
10	Polkadot	DOT	\$7.35	-1%	-3%	-20%	477	8,243	

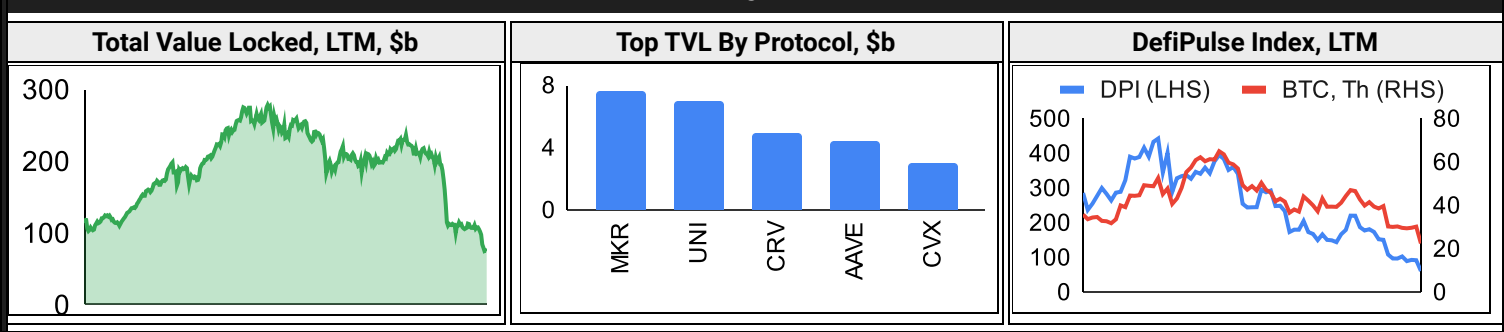
Top & Bottom Performers - Top 100 Tokens

24h		7 Days		30 Days		90 Days		365 Days	
TFUEL	9%	USDN	2%	HNT	43%	XCN	36%	SAND	218%
XMR	7%	XAUT	1%	BSV	3%	CDAI	1%	AXS	199%
EGLD	4%	PAXG	0%	PAXG	2%	CUSDC	0%	LEO	97%
XCN	4%	USDP	0%	XAUT	2%	CUSDT	0%	LRC	28%
QNT	-4%	WAVES	-43%	FLOW	-50%	RUNE	-80%	ICP	-90%
FLOW	-5%	NEXO	-45%	GMT	-55%	FTM	-82%	AMP	-91%
RUNE	-7%	XCN	-45%	APE	-55%	AVAX	-82%	TFUEL	-91%
NEXO	-8%	DFI	-48%	DFI	-62%	WAVES	-86%	FIL	-92%

Category Performance

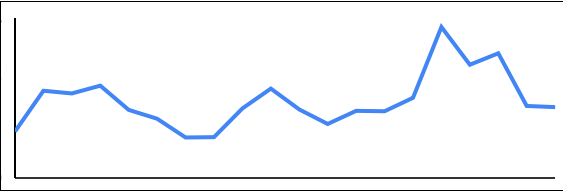
Category	1d	7d	30d	90d	365d	Ecosystem	1d	7d	30d	90d	365d
IoT	5%	-15%	-7%	-56%	-24%	BSC	4%	-21%	-21%	-59%	-69%
Dist. Computing	4%	-17%	-15%	-61%	-71%	Polkadot	2%	-21%	-20%	-62%	-75%
CEXs	2%	-19%	-20%	-43%	-1%	Solana	3%	-21%	-30%	-64%	-72%
Smart Contract	5%	-21%	-25%	-64%	-64%	Polygon	3%	-22%	-22%	-64%	-51%
Gaming	4%	-21%	-32%	-61%	93%	Terra	2%	-22%	-26%	-95%	-97%
NFTs	4%	-23%	-32%	-61%	18%	Avalanche	3%	-26%	-31%	-66%	-69%
Meme	3%	-23%	-34%	-66%	43%	Cosmos	2%	-28%	-32%	-73%	-71%
Privacy	6%	-24%	-27%	-57%	-73%	Gnosis Chain	3%	-28%	-31%	-69%	-72%
DAOs	3%	-26%	-31%	-63%	-79%						
DeFi	3%	-28%	-36%	-69%	-80%						
DEX / B&L	2%	-31%	-34%	-66%	-79%						

DeFi

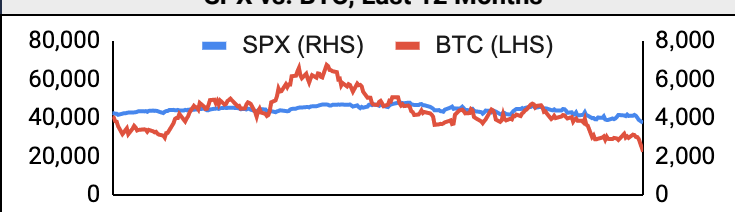


Trading Volume

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	34	287	796	n/a	Binance	57,862	16,640	2.0	4.0	Binance	9.9	12,336
Perpetuals	75	634	1,760	15	OKX	15,331	2,888	2.0	5.0	FTX	8.5	2,821
Futures	1	11	27	1	BitCoke	13,351	783	2.0	4.0	Coinbase	8.4	2,036
Options	0	0	0	0	Bybit	10,997	2,324	-2.5	7.5	Kraken	7.9	793

20 Day Volume - Top 100 Tokens, \$b					Top Volume, 1d, \$m		Top Volume, %20d Avg		Low Volume, %20d Avg	
					USDT	52,215	CRO	224%	XAUT	8%
					BTC	32,169	TFUEL	167%	10SET	18%
					ETH	18,200	STETH	151%	WAVES	21%
					USDC	5,876	HBTC	132%	OKB	31%
					BUSD	5,445	XTZ	116%	XEC	40%

Traditional Finance

Global Equity Markets*							SPX vs. BTC, Last 12 Months	
	US	USGrwth	UK	Germany	Japan	HK		
1D	-3%	-4%	-2%	-3%	-2%	-2%		
7D	-6%	-6%	-4%	-5%	-4%	-3%		
90D	-18%	-22%	-11%	-17%	-15%	-9%		
365D	-13%	-21%	-11%	-33%	-24%	-21%		

10-Year Treasury Yields							Commodities & FX					
	US	Brazil	UK	Germany	Japan	HK		WTI	Gas	Gold	EUR/USD	USD/JPY
Last	3.22%	13.08%	2.48%	1.66%	0.22%	3.18%	Last	117	7.5	1,854	1.05	134.5
1d Chg	-0.083	-0.063	-0.041	-0.04	-0.011	-0.058	1d % Chg	-0.46%	+0.05%	+0.20%	-0.55%	+1.77%

Crypto News

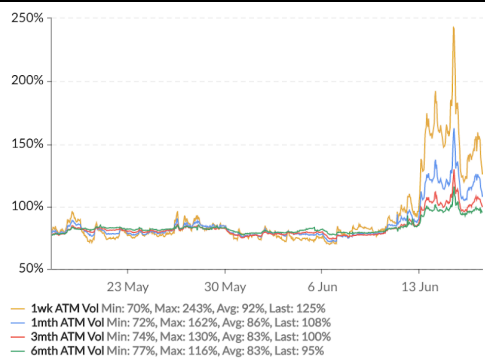
[Panama's President Vetoes Law That Would Have Regulated Bitcoin, Legalized DAOs - Decrypt](#)
[Elon Musk floats crypto payments during meeting with Twitter employees - The Block](#)
[Celsius investors 'unlikely' to provide bail-out funds: WSJ - The Block](#)
[Animoca clinches majority stake in blockchain-based edutech platform TinyTap - The Block](#)
[Tron DAO to withdraw another 3 billion TRX from exchanges - The Block](#)
[Circle announces new euro-backed stablecoin - The Block](#)
[Capitalizing on buyer's market, CleanSpark acquires 1,800 bitcoin miners - The Block](#)
[Kraken CEO is fueling a 'corporate culture war,' reports the New York Times - The Block](#)
[BitMEX co-founder Benjamin Delo sentenced to 30 months probation without home confinement - The Block](#)
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[Finblox withdrawal restrictions trigger concerns from the community - Cointelegraph](#)
[Bitfrost releases upgraded SALP 2.0 after protocol helped secure \\$450M via parachain auctions - Cointelegraph](#)
[GBTC premium hits -34% all-time low as crypto funds 'puke out' tokens - Cointelegraph](#)
[Elon Musk gets hit with 'ridiculous' \\$258B Dogecoin lawsuit - Cointelegraph](#)
[72 of the top 100 coins have fallen 90% or more: Here are the holdouts - Cointelegraph](#)
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[State securities regulators investigate Celsius over withdrawal suspension: Report - Cointelegraph](#)

Crypto Options

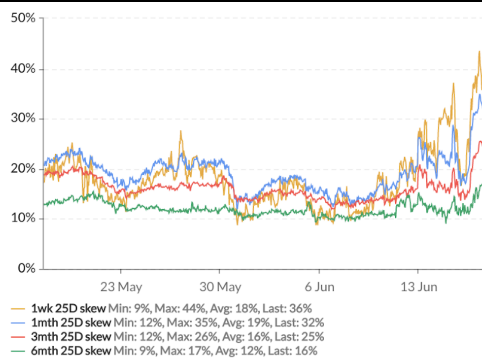
BTC ATM Implied Vol, 1m



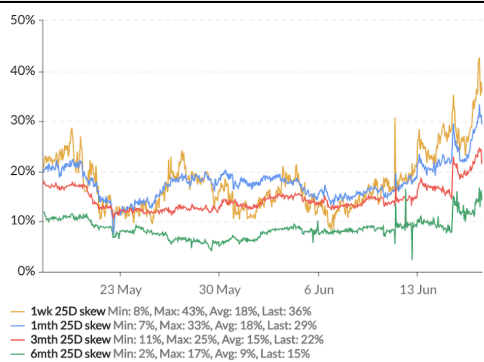
ETH ATM Implied Vol, 1m



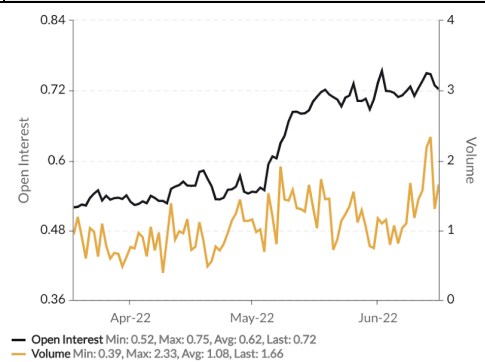
BTC 25d Skew, 1m



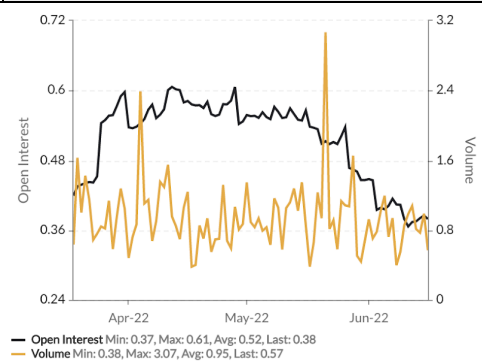
ETH 25d Skew, 1m



BTC Put/Call Ratios, 3m

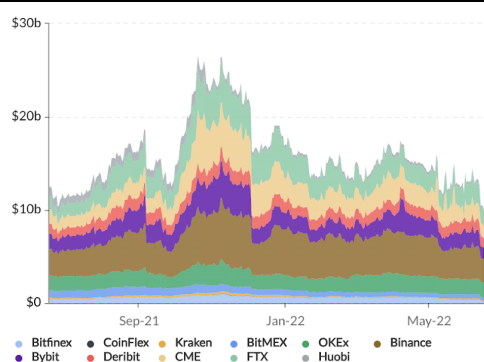


ETH Put/Call Ratios, 3m

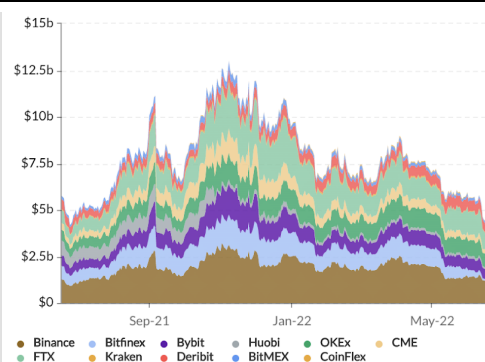


Crypto Futures

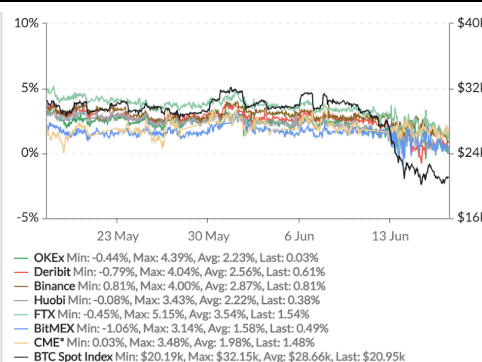
BTC Aggregate Open Interest, 1y



ETH Aggregate Open Interest, 1y



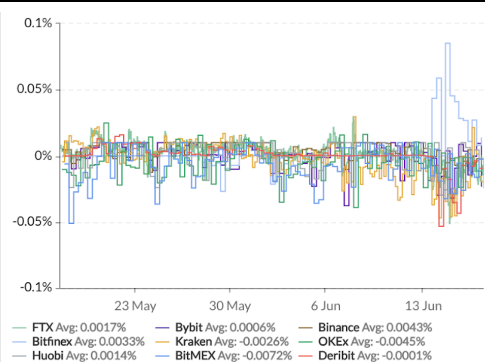
BTC Annlzd Rolling 3m Basis, 1m



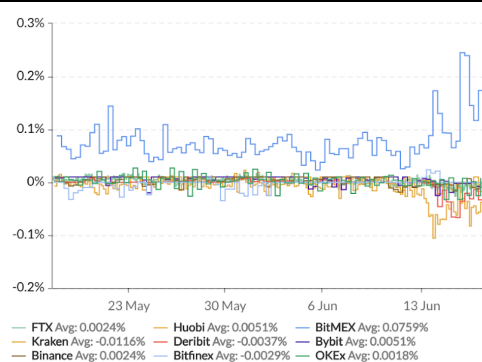
ETH Annlzd Rolling 3m Basis, 1m



BTC Perp Swaps Funding, 1m



ETH Perp Swaps Funding, 1m





Market Update - June 17, 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.

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For more information or if we can help with anything, please see gsr.io or contact us at gsr@gsr.io.

Required Disclosures

*Based on price returns for the following ETFs: VOO, QQQ, EWU, EWG, EWJ, and EWH.

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