
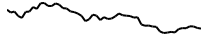






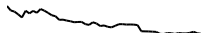



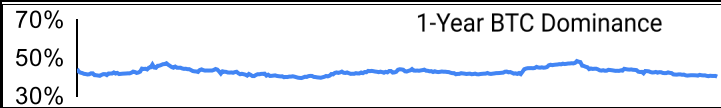
Crypto Leaderboard

Rank	Name	Ticker	Price	24h	7d	30d	24h Vol \$m	MC \$m	1-Year Chart
1	Bitcoin	BTC	\$20,377	2%	-5%	-13%	27,491	390,059	
2	Ethereum	ETH	\$1,575	6%	-3%	-7%	17,321	189,745	
3	Tether	USDT	\$1.00	0%	0%	0%	35,154	67,508	
4	USD Coin	USDC	\$1.00	0%	0%	0%	7,293	52,164	
5	BNB	BNB	\$289	3%	-4%	2%	813	47,226	
6	Binance	BUSD	\$1.00	0%	0%	0%	6,688	19,224	
7	Ripple	XRP	\$0.33	1%	-4%	-13%	812	16,427	
8	Cardano	ADA	\$0.45	3%	-1%	-12%	445	15,394	
9	Solana	SOL	\$32.51	3%	-8%	-23%	745	11,383	
10	Dogecoin	DOGE	\$0.06	1%	-7%	-7%	264	8,440	

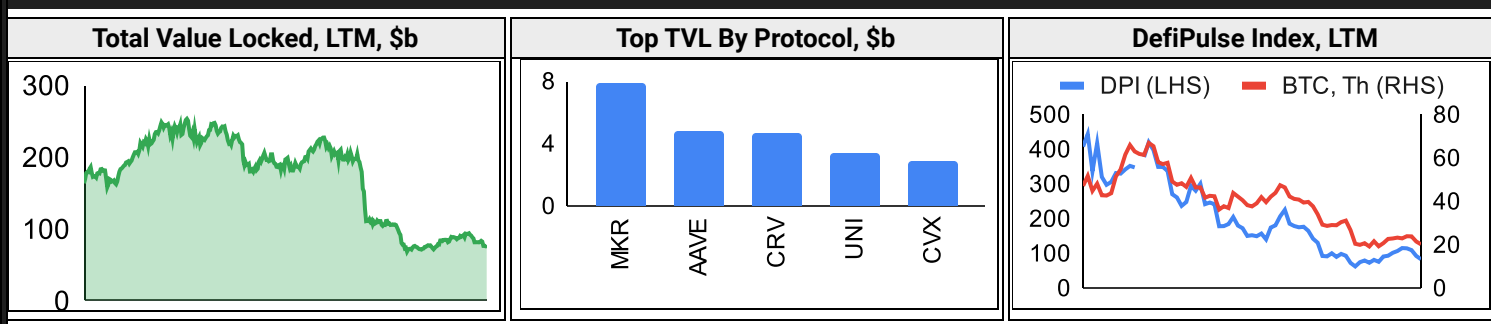
Top & Bottom Performers - Top 100 Tokens

24h		7 Days		30 Days		90 Days		365 Days	
FLOW	13%	EVMOS	28%	CHZ	70%	LDO	83%	SHIB	88%
LDO	13%	XEC	20%	NEXO	42%	CHZ	76%	LEO	81%
ATOM	9%	TKX	16%	OSMO	14%	CEL	66%	10SET	68%
CAKE	8%	BIT	15%	ATOM	14%	ETC	52%	CUSDT	3%
XEC	-3%	LDO	-14%	AMP	-30%	AMP	-47%	AMP	-88%
HT	-5%	10SET	-17%	AR	-30%	WAVES	-49%	ICP	-90%
HNT	-5%	EOS	-21%	HNT	-37%	XCN	-54%	FIL	-92%
CEL	-10%	CEL	-30%	FIL	-40%	DFI	-58%	FLOW	-92%

Category Performance

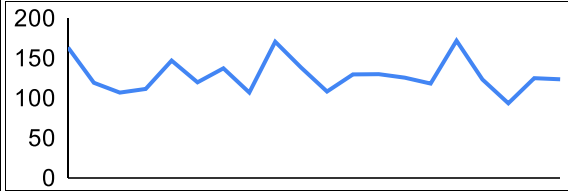
Category	7d	30d	90d	180d	365d	Ecosystem	7d	30d	90d	180d	365d
CEXs	-3%	-3%	-10%	-37%	-17%	Terra	9%	0%	-16%	-95%	-98%
Privacy	-3%	-6%	-20%	-45%	-71%	Cosmos	-3%	-6%	-15%	-67%	-77%
NFTs	-8%	-8%	-11%	-57%	-61%	Avalanche	-7%	-10%	-10%	-53%	-64%
Meme	-6%	-8%	-6%	-59%	130%	Gnosis Chain	-6%	-10%	-20%	-61%	-73%
Smart Contract	-4%	-9%	-13%	-57%	-73%	Polkadot	-7%	-10%	-14%	-56%	-75%
DeFi	0%	-11%	-10%	-56%	-77%	Polygon	-6%	-12%	-7%	-53%	-64%
IoT	-3%	-12%	-15%	-51%	-45%	BSC	-8%	-13%	-5%	-46%	-73%
DAOs	-4%	-14%	-14%	-49%	-76%	Solana	-6%	-15%	-24%	-65%	-81%
DEX / B&L	-4%	-17%	-16%	-49%	-76%						
Gaming	-7%	-20%	-27%	-71%	-15%						
Dist. Computing	-4%	-21%	-21%	-62%	-82%						

DeFi

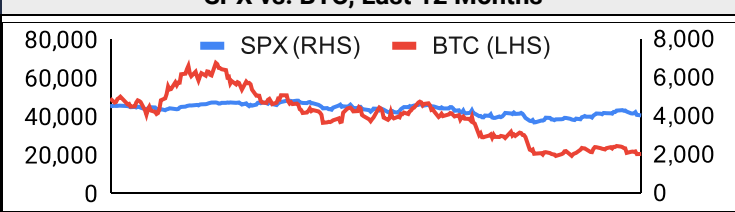


Trading Volume

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	28	198	859	n/a	Binance	49,831	19,621	2.0	4.0	Binance	9.9	14,455
Perpetuals	66	458	1,810	20	FTX	6,367	3,499	2.0	7.0	Coinbase	8.2	1,999
Futures	0	3	16	2	OKX	14,827	4,433	2.0	5.0	FTX	8.0	1,685
Options	0	0	0	0	KuCoin	3,549	1,758	2.0	6.0	Kraken	7.6	518

20 Day Volume - Top 100 Tokens, \$b					Top Volume, 1d, \$m		Top Volume, %20d Avg		Low Volume, %20d Avg	
					USDT	45,666	XEC	250%	FRAX	21%
					BTC	32,343	SNX	228%	XCN	26%
					ETH	19,096	FLOW	172%	XAUT	44%
					USDC	6,564	CAKE	156%	SHIB	45%
					BUSD	6,409	HBTC	152%	DOGE	45%

Traditional Finance

Global Equity Markets*							SPX vs. BTC, Last 12 Months	
	US	USGrwth	UK	Germany	Japan	HK		
1D	-1%	-1%	0%	1%	-1%	-1%		
7D	-2%	-3%	-2%	0%	-1%	-1%		
90D	-1%	0%	-9%	-18%	-5%	-7%		
365D	-11%	-20%	-10%	-37%	-20%	-20%		

10-Year Treasury Yields							Commodities & FX					
	US	Brazil	UK	Germany	Japan	HK		WTI	Gas	Gold	EUR/USD	USD/JPY
Last	3.11%	12.18%	2.75%	1.49%	0.22%	3.03%	Last	94	9.0	1,744	1.00	138.4
1d Chg	-0.002	0	+0.1410	-0.0085	-0.006	-0.058	1d % Chg	-3.56%	-3.85%	-0.34%	+0.39%	-0.23%

Crypto News

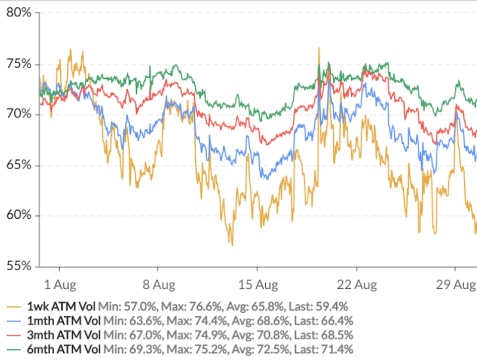
[Reddit co-founder's VC firm seeking \\$177.6 million to invest in crypto tokens: The Information - The Block](#)
[NFT project Art Blocks launches engine for generative asset creation - The Block](#)
[Federal Reserve's FedNow payments system will be live within a year, says Brainard - The Block](#)
[Lightnet secures \\$50 million LDA capital commitment for remittances - The Block](#)
[Meta now lets you post NFTs and other digital collectibles to Facebook - The Block](#)
[FTX has no plans to buy crypto exchange Huobi, says CEO Bankman-Fried - The Block](#)
[Indonesian e-commerce giant buys local crypto exchange for \\$8 million - Cointelegraph](#)
[Singapore state investor leads \\$100M round for crypto firm Animoca: Report - Cointelegraph](#)
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['Most of crypto is still junk' and lacks use case — JPMorgan blockchain head - Cointelegraph](#)
[Argentina's Mendoza province now accepting crypto for taxes and fees - Cointelegraph](#)
[Lawyer Roche claims statements he made about Ava Labs are false due to intoxication - Cointelegraph](#)



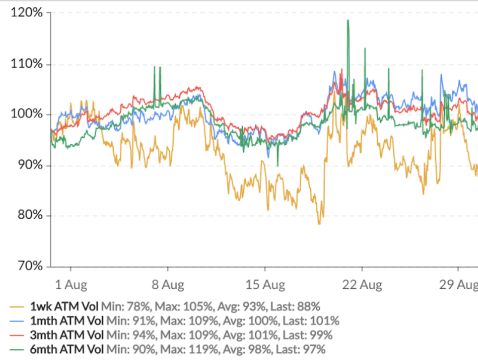
GSR Market Update – August 30, 2022

Crypto Options

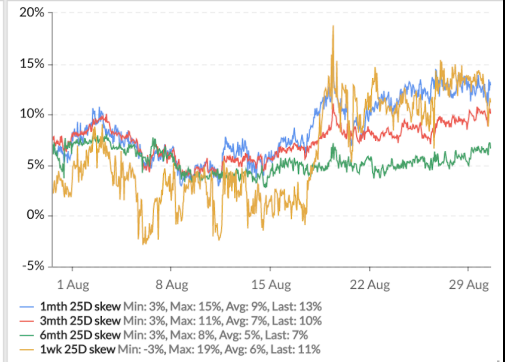
BTC ATM Implied Vol, 1m



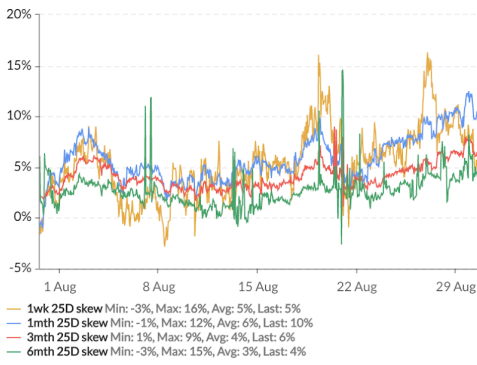
ETH ATM Implied Vol, 1m



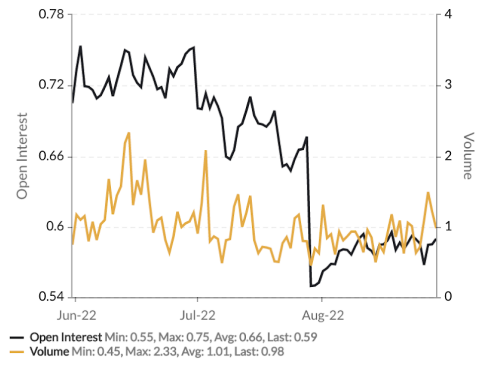
BTC 25d Skew, 1m



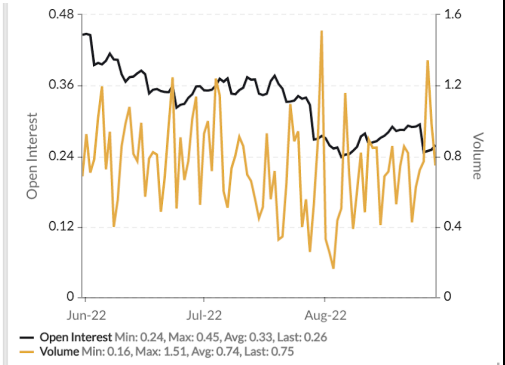
ETH 25d Skew, 1m



BTC Put/Call Ratios, 3m

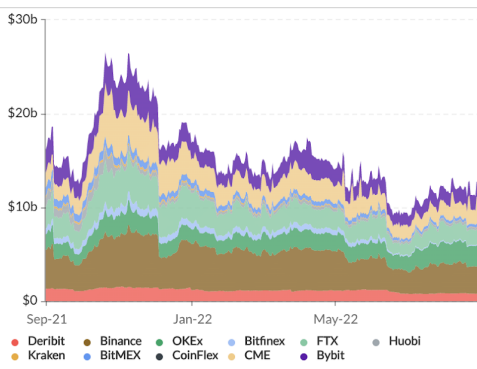


ETH Put/Call Ratios, 3m

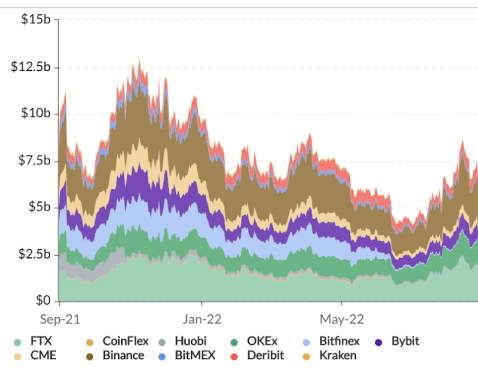


Crypto Futures

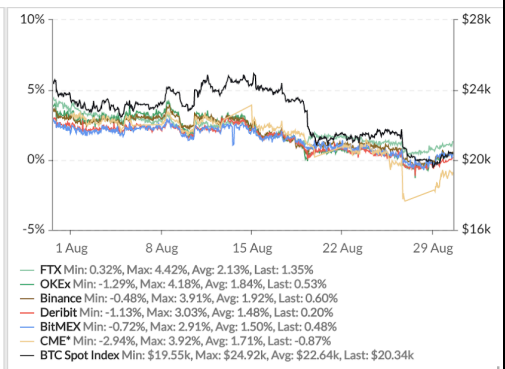
BTC Aggregate Open Interest, 1y



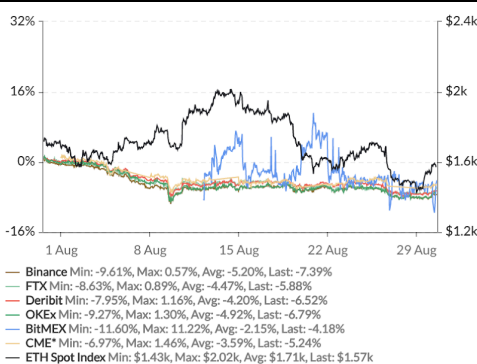
ETH Aggregate Open Interest, 1y



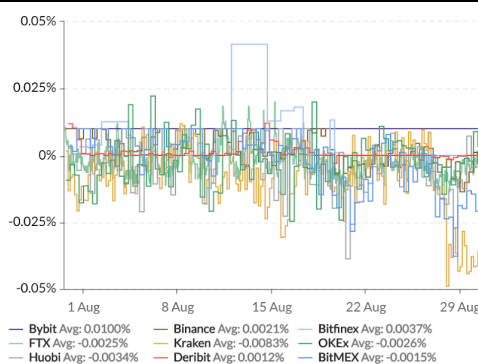
BTC Annlzd Rolling 3m Basis, 1m



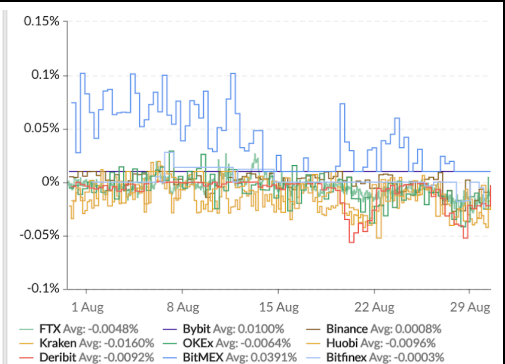
ETH Annlzd Rolling 3m Basis, 1m



BTC Perp Swaps Funding, 1m



ETH Perp Swaps Funding, 1m





GSR

Market Update – August 30, 2022

About GSR

GSR is a global leader in digital asset trading, market making, OTC derivatives, and investments. We operate in a culture of excellence and leverage our first-rate reputation, deep relationships and proprietary trading technology to move swiftly and capitalize on market opportunities.

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 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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