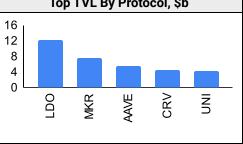
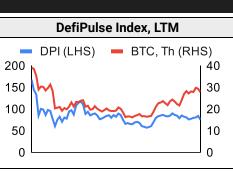


April 26, 2023

減 USA April 20, 2023														
Crypto Leaderboard														
Rank	Name		Ficker	Price		24h	7d	30d	24h Vol S	Sm N	1C \$m	1-Yea	r Chart	
1	Bitcoin		BTC	\$29,85	6	9%	-2%	10%	25,587	5	77,870) ~~~~~		
2	2 Ethereum		ETH	\$1,954		7%	-7%	13%	13,172	23	35,293	3 ~~~~~		
3	3 Tether l		USDT	\$1.00		0%	0%	0%	33,587	′ 8	1,660) ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
4	BNB		BNB	\$343		4% 0%		10%	10% 985		4,107	ham		
5	USD Coin	ι	JSDC	\$1.00		0%	0%	0%	5,273	3	0,748	8 1		
6	XRP		XRP	\$0.48		5%	-10%	0%	1,346	2	4,798		\sim	
7	Cardano		ADA	\$0.42		9%	-6%	19%	367	1	4,522	hm	~~~~	
8	Lido stET	H S	STETH	\$1,946	ò	7%	-8%	13%	13	1	1,967			
9	Dogecoin	[DOGE	\$0.08		5%	-12%	13%	525	1	1,535	L	m	
10	0 Polygon M		JATIC	ATIC \$1.05		9%	6 -10% 0%		442	9,714		h		
Top & Bottom Performers - Top 100 Tokens														
	24h			7 Days	30 Days				90 Days			365 Days		
Х	RD	29%	K	AS	17%	XRD		168%	CFX	440	%	OKB	152%	
R	RNDR 29%		RN	NDR	15%	INJ		130%	KAS	384	%	CFX	116%	
INJ 22%		22%	В	тт	6% RND			102%	INJ	239	%	INJ	113%	
CFX 15%		15%	LEO		5%	CSPR		57%	STX	172	%	RPL	61%	
US	SDC	0%	IC	CP	-17%	NEO		-10%	CAKE	-319	%	CRO	-80%	
USDT 0%		0%	MINA -		-17%	FLR		-13%	APE	-339	%	FLOW	-82%	
USDP 0		0%	X	RD	-20%	STX		-16%	LUNC	-339	%	NEAR	-84%	
E	DGT	0%	CA	\KE	-25%	CAKE		-24%	APT	-419	%	LUNC	-100%	
					l	Category	y Perf	ormance						
Cate	egory	7d	30d	90d	180d	365d		Ecosystem	n 7d	30d	90d	180d	365d	
Other D)eFi	-1%	18%	23%	40%	-25%		BSC	-4%	23%	21%	25%	-41%	
Meme		-1%	12%	72%	94%	-20%		Cosmos	-2%	16%	11%	48%	-44%	
CEXs		0%	11%	4%	2%	-25%		Polygon	-2%	13%	10%	17%	-46%	
loT/Dat	ta/Comp.	-2%	9%	-5%	-8%	-63%		Avalanche	-3%	10%	4%	0%	-54%	
Lending	g	5%	7%	-13%	-32%	-71%		Gnosis Chai	in -3%	4%	10%	8%	-60%	
Gaming	g/Entertai	-4%	6%	-16%	-13%	-70%		Polkadot	-4%	3%	0%	1%	-58%	
Smart (Contract	-3%	6%	0%	-2%	-58%		Solana	-6%	2%	-6%	-16%	-74%	
Currend	су	0%	2%	3%	9%	-39%		Tron	-1%	2%	3%	-7%	-36%	
DEX		-7%	1%	5%	-4%	-62%	70)%			1-Yea	r BTC Domii	nance	
Privacy	,	0%	0%	-14%	-13%	-61%		0%						
Scaling	 	-7%	-1%	5%	21%	-54%	30	_{5%} I						
							DeFi							
	Total Value	Locke	d, LTM, \$	b		Top TVL	By Pro	otocol, \$b		D	efiPuls	e Index, LT	М	
					16 12					DPI (LHS) BTC, Th (RHS)				







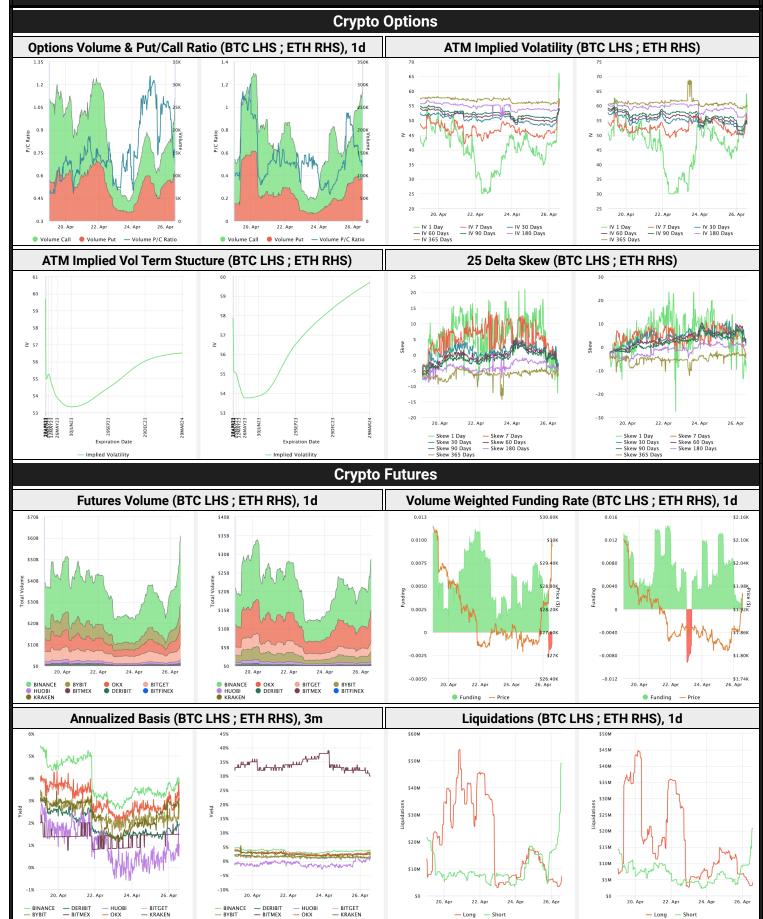
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April 26, 2023

Trading Volume														
Aggregate Volumes by Product, \$b						Top Derivatives Exchanges, \$m and bps					Top Spot Exchanges, \$m			
Product	t	1d	7d	30d		Exchange	1d Vol	0/I	Mkr	Tkr	Exchange	Score		
Spot		25	161	690		Binance		36,850	2.0		Binance	9.9	12,547	
Perpetu		85	397	1,820		Bybit	15,507	4,922	1.0		Coinbase	8.1	1,495	
Futures		0	2	8		OKX		20,705 3,154 2.0 5.0 Kraken 7.8			751			
Options		1	6	30		KuCoin	3,034	1,934	2.0		KuCoin	7.2	774	
Rolling 20 Day Volume - Top 100 Tokens, \$b					-	•	me, 1d, \$m Top Volume, %20d Avg Low Volume, %20							
	 Curren 	nt 💶 3N	/I Ago	 6M Ago 		USDT	33,561	CRC		1307%	STETH	4	739%	
					BTC	24,851	FRA		454%	FLR OKB		7300%		
100 50			Jones .			ETH		11,348 RNDR 883%				-	2006%	
	1.4.4.4					USDC	5,586	INJ		574%	DOGE		30691%	
<u> </u>						BUSD	3,193	CAK	E	2112%	MKR		2165%	
Traditional Finance														
,				Markets*			SPX vs. BTC, LTM							
10	US	US Grwth	UK	Germany	Japan	НК	40,000	4.					8,000	
1D 7D	0%	1%	0%	1%	0%	2%	30,000	La	ma a		يسر	~~~~~	✓ 6,000 ✓ 4,000	
7D 90D	-2% 0%	-2% 7%	0% 3%	0% 4%	0% 0%	-2% -9%	20,000						4,000	
365D	-2%	-1%	5% 6%	13%	5%	-3%	0	- (SPX (RI	HS) 🗕	BTC (LHS)		0	
305D -2% -1% 0% 13% 5% -3% 0 0 0 10-Year Treasury Yields Commodities & FX														
	US	Brazil	UK	Germany	, Japan	НК		WTI	Gas			UR	USD/JPY	
Last	3.39%	12.44%	3.72%	2.37%	0.46%	2.99%	Last	75.7	2.29				133.2	
1d Chg	0.00	0.00	0.03	-0.01	0.00	-0.06	1d % Chg	-1.8%	-6.09	% 0.5	·% -1.09	%	-0.4%	
						Corre	lations							
		Intra-Crvr	nto Corr	elations I	тм			Roll	ina 3M	Correlat	tions, LTM			
Intra-Crypto Correlations, LTM BTC ETH BNB XRP ADA DO						DOGE	0.80 vs. US Equities							
втс									white a					
	0.00						0.40						hanne and the second se	
ETH	0.89						0.00				— B	TC	ETH	
BNB	0.80	0.81					1.00 vs. BTC	;						
XRP	0.69	0.72	0.68								anyon	2-		
ADA	0.79	0.80	0.77	0.75									YT.	
DOGE	0.65	0.68	0.64	0.58	0.67		0.40 🖌 💻 E	тн 🗕	BNB	– XRP	🗕 ADA	— C	DOGE	
						Crypt	o News							
Binance	US nukes	s Voyager (deal, bar	nkrupt lende	er will dist		customers - Th	e Block						
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April 26, 2023





April 26, 2023

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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 or contact us at gsr@gsr.io.

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Sources

*All options data is based on Deribit and Options-based graphs are from Laevitas based on Deribit data. Market returns are based on price returns for the following ETFs: VOO, QQQ, EWU, EWG, EWJ, and EWH.

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