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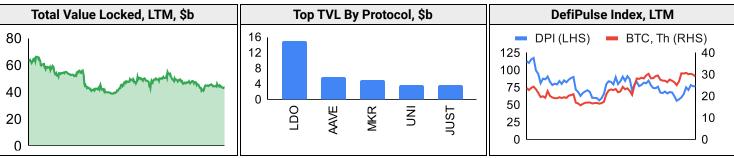
### July 28, 2023

	Crypto Leaderboard													
Rank	Rank Name Ticker Price 24h 7d 30d 24h Vol \$m MC \$m 1-Year Chart													
1	Bitcoin	BTC	\$29,431	0%	-1%	-2%	9,167	572,18	8 ~~~~	$\sim \sim \sim$				
2	Ethereum	ETH	\$1,878	0%	-1%	3%	5,529	227,20	7 mm	~~~~				
3	Tether	USDT	\$1.00	0%	0%	0%	15,607	83,920	)					
4	XRP	XRP	\$0.72	0%	-8%	54%	1,309	37,727	′ ~~~					
5	BNB	BNB	\$242	1%	-1%	5%	359	37,315	; ~~~	$\sim$				
6	USD Coin	USDC	\$1.00	0%	0%	0%	1,870	26,554	+ ~~~~	mhum				
7	Lido stETH	STETH	\$1,878	0%	-1%	3%	21	14,842	2 mm	~~~~				
8	Cardano	ADA	\$0.31	1%	-1%	17%	149	10,951	m	$\sim$				
9	Dogecoin	DOGE	\$0.08	-2%	3%	24%	583	10,910	) ~M	$\sim$				
10	Solana	SOL	\$25.	-2%	-2%	57%	398	10,080	) ~~	~~~~~				
			Top & B	ottom	Performer	s <b>- Top 1</b>	00 Tokens							
24h 7 Days 30 Days 90 Days 365 Days									Days					
F	LEX 8%	XI	DC 44	%	XDC	95%	FLEX	356%	KAS	9099%				
L 1	MX 7%	CS	PR 15	% (	COMP	75%	PEPE	194%	FLEX	1099%				
<b>I</b> 1	CP 6%	FL	EX 11	%	MKR	73%	BCH	105%	INJ	480%				
S	HIB 6%	K/	AS 11	%	XLM	63%	XLM	71%	RNDR	203%				
Р	EPE -3%	PE	PE -10	%	APE	-10%	GALA	-40%	NEAR	-68%				
	OP -3%	GA	LA -11	%	STX	-12%	FTM	-42%	SAND	-68%				
Т	ON -4%	11	IJ -11	%	FTM	-16%	XRD	-47%	FLOW	-69%				
Х	(DC -7%	M	NT -12	%	RPL	-19%	APE	-51%	APE	-71%				

#### **Category Performance**

Category	7d	30d	90d	180d	365d	Ecosystem	7d	30d	90d	180d	365d	
Lending	1%	31%	5%	-10%	-30%	Avalanche	0%	24%	-4%	-8%	-26%	
Currency	-3%	17%	24%	21%	18%	Tron	3%	10%	6%	6%	-2%	
Smart Contract	-2%	9%	-19%	-24%	-40%	Gnosis Chain	-3%	10%	-19%	-17%	-31%	
Gaming/Entertai	-4%	7%	-31%	-46%	-58%	Polkadot	-3%	6%	-23%	-27%	-30%	
IoT/Data/Comp.	-3%	6%	-22%	-28%	-41%	Cosmos	-3%	4%	-9%	-5%	28%	
DEX	-4%	6%	-21%	-24%	-46%	Polygon	-3%	4%	-24%	-19%	-16%	
Meme	-1%	2%	-32%	-25%	3%	Solana	-11%	1%	-9%	-23%	-46%	
Scaling	-4%	1%	-34%	-38%	-37%	BSC	-2%	-1%	-28%	-13%	-4%	
CEXs	-1%	-2%	-16%	-18%	-15%	70%			1-Year E	BTC Domin	ance	
Other DeFi	-13%	-3%	-26%	-7%	17%	50%						
Privacy	-2%	-10%	-34%	-45%	-48%	30%						





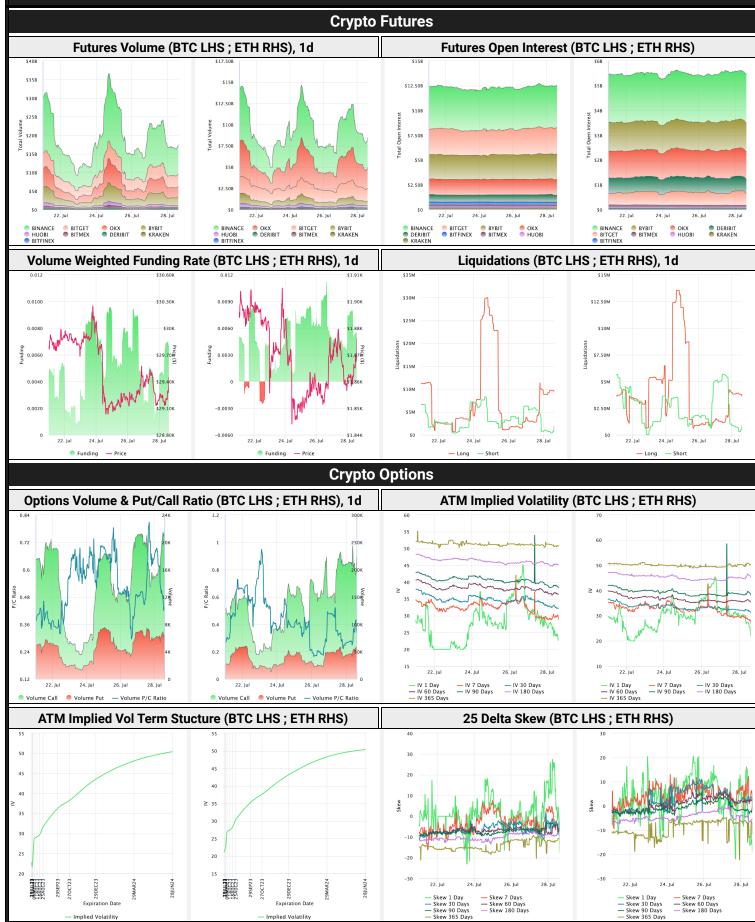
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## July 28, 2023

Trading Volume														
Aggregate Volumes by Product, \$b Top Derivatives Exchanges, \$m and bps Top Spot Exchanges, \$m														
Produc		1d	7d	30d	0/I	Exchange	1d Vol	0/I	Mkr	Tkr		change	-	<u> </u>
Spot	-	13	94	503	n/a	Binance	24,058				5,760			
Perpetu	uals	49	426	2,910	76	окх						694		
Futures		0	1	8	1	Bybit							482	
Options	s*	1	5	26	n/a	KuCoin								299
Daily S	Spot Volu	me, Top 1	00 Toke	ens Last 2	Top Volu	me, 1d, \$m	Top Vo	lume, %	620d Avg	g	Low Vol	ume, %	620d Avg	
200	Curren	nt • • 3N	/I Ago	6M Ago	USDT	18,469	IM)	(	754%		MNT		0%	
150						BTC	11,597	1,597 TON 202% XEC			27%			
100						ETH	4,150	XDO	2	165%		XAUT		28%
50					USDC	2,760	ICF	)	156%		HT		37%	
0						TUSD	2,283	CSP	R	147%		MINA		39%
Traditional Finance														
Global Equity Markets* SPX vs. BTC, LTM														
	US	US Grwth	UK	Germany	Japan	НК	40,000							8,000
1D	-1%	0%	-2%	0%	1%	0%	30,000			-	r	m	m	6,000
7D	0%	0%	-1%	0%	1%	2%	20,000 4,000							4,000
90D	9%	17%	-2%	-1%	8%	-6%							2,000	
365D	11%	22%	8%	26%	14%	-9%	0							0
10-Year Treasury Yields							Commodities & FX							
	US	Brazil	UK	Germany	Japan			WTI	Gas			USD/E		ISD/JPY
Last	3.96%	10.92%	4.38%	2.46%	0.55%		Last	79.7	2.63	-		0.91		140.4
1d Chg	-0.05	0.00	0.07	0.02	0.00	-0.06	1d % Chg	-0.5%	1.2%	6 0.6	5%	-0.6%	6	0.7%
						Corre	lations							
	r			elations, L	TM				ing 3M	Correlat	tion	is, LTM		
	втс	ETH	XRP	BNB	ADA	DOGE	0.80 <b>vs. US I</b>	Equities						
втс							0.40				5	۸.		
ETH	0.87							,				B	TC	METT
XRP	0.49	0.54					0.00					D		
BNB	0.73	0.73	0.45				1.00 <b>vs. BTC</b>	;						~
ADA	0.75	0.79	0.68	0.70				them	$\sim$				- man	YER
					0.61		0.40	Y	VDD	DND			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
DOGE	0.57	0.63	0.39	0.54	0.61			ETH -	XRP	- BNB	5	ADA		DGE
							o News							
						<u>sia Pivot - Blo</u>								
Binance asks federal judge to dismiss CFTC case against company - The Block														
French privacy watchdog questions Worldcoin's data collection method: Report - Cointelegraph Indian Supreme Court raps Union government on crypto rules delay: Report - Cointelegraph														
Here's how big food and beverage brands are using NFTs: Report - Cointelegraph														
Hydropowered crypto mining gets nod from Kyrgyz president: Report - Cointelegraph														
Japanese Web3 developer HashPort Group raises \$8.5M in funding round - Cointelegraph														
NFT-sty	NFT-styled debit cards the future of Web3 — Animoca founder on \$30M hi investment - Cointelegraph													



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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.

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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.

CoinGecko	Santiment	DefiLlama	CoinMarketCap	Laevitas
Investing.com	Google Finance	TradingView	Deribit	WorldCoinIndex