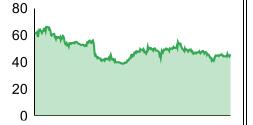
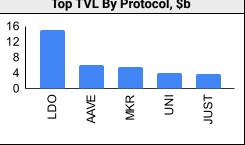
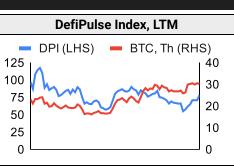
# **爹GS**R

## July 20, 2023

減GSK JUIY 20, 2023															
Crypto Leaderboard															
Rank Name Ticker Price 24h 7d 30d 24h Vol \$m MC \$m 1-Year Chart															
1	Bitcoin		BTC	\$30,26	8	1% -1	%	7%	11,	800	58	7,412	m	$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	
2 Ethereum ETH		ETH	\$1,920		1% 2	%	% 7%		907	230,354		4 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
3	Tether	I	USDT	\$1.00		0% 0	%	0%	11,	588	83	3,788			
4	XRP		XRP	\$0.81		1% 71	1%	64%	3,7	197	42	2,556	~~~		
5	BNB	BNB BNB \$24		\$244		1% -1%		-1% 383		83	38,033		$\sim\sim\sim\sim\sim\sim$		
6	•		\$1.00	0% 0		%	0%		375	26,95		) multime			
7	Lido stET	H S	STETH	ETH \$1,919		1% 2%		8% 19		9	14,862		man man		
8	Cardano		ADA	\$0.33		3% 13	3%	20%	4	•		1,363	· ~~~~ ·		
9	Solana		SOL	\$27.		2% 21	1%	62%	597		10,845				
10	Dogecoin	[	DOGE	\$0.07		5% 12	2%	15%	8	28	10	),149	~m	$\sim\sim$	
Top & Bottom Performers - Top 100 Tokens															
24h 7 Days				7 Days		30 Days				90 Days			365 Days		
L	INK	20%	X	LM	73%	COMP	15	5%	PEP	E	684%	, D	KAS	16383%	
XLM 18%		X	RP	71%	BCH	12	127%		X	354%	, D	FLEX	1383%		
SNX 13%		FLEX 60%		60%	XLM	101%		BCH	1	109%	5	INJ	634%		
XDC 12%		12%	SNX 52%		52%	FLEX	LEX 92%		COM	Р	90%		CFX	263%	
	SUI	-1%	L	TC	-6%	CFX	-1	3%	CFX	(	-35%		APE	-64%	
	XS	-3%		ТМ	-8%	SUI		3%	ALG		-37%		FLOW	-65%	
	GLD	-3%		PL	-9%	STX		5%	FTM		-39%		SAND	-66%	
F	RPL	-3%	В	СН	-12%	RPL	-2	2%	APE		-45%		ALGO	-66%	
					(	Category F	Perfor	mance							
Cat	egory	7d	30d	90d	180d	365d	Ec	osysten	n i	7d	30d	90d	180d	365d	
Curren	•	-3%	49%	34%	34%	36%		alanche			32%	-1%	-1%	-15%	
Lendin	g	-2%	41%	11%	-7%	-26%		Solana		6%	23%	-9%	-7%	-42%	
DEX		2%	23%	-18%	-10%	-36%		osis Cha			18%	-13%	-2%	-21%	
Other D		4%	22%	-7%	35%	62%	P	olkadot			17%	-17%		-23%	
	Contract	-3%	18%	-13%	-12%	-31%		Tron			12%	6%	9%	-1%	
	ta/Comp.	-2%	16%	-16%	-18%	-37%		Polygon			11%	-18%		-4%	
	g/Entertai	0%	16%	-26%	-33%	-53%	0	cosmos			10%	-6%	21%	46%	
Privacy	/	-5%	15%	-19%	-32%	-37%		BSC	-,	4%	4%	-22%	12%	12%	
CEXs		-3%	10%	-14%	-12%	-7%	70%					1-Year	BTC Dom	inance	
Scaling	)	-3%	8%	-32%	-21%	-11%	50%								
Meme	Meme -3% 2% -29% 5% 12% 30%														
DeFi															
	Total Value	Locke	d, LTM, \$	Sb		Top TVL By	y Protoc	ol, \$b			De	efiPuls	e Index, Lī	ГМ	







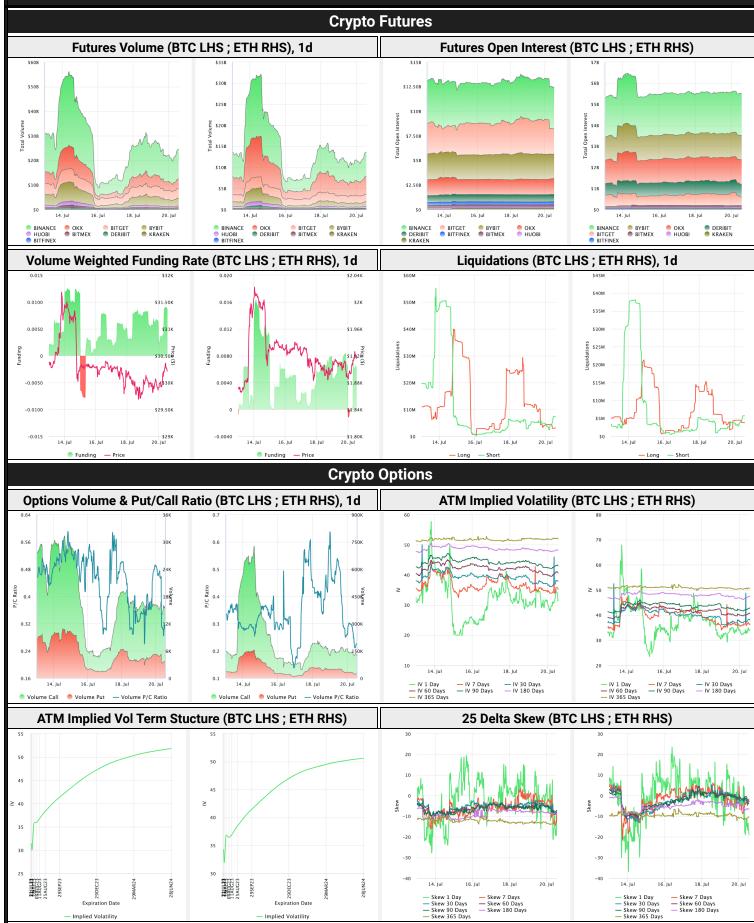
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## July 20, 2023

Trading Volume															
Aggregate Volumes by Product, \$b Top Derivatives Exchanges, \$m and bps Top Spot Exchanges, \$m															
Produc	t	1d	7d	30d	0/I	Exchange	1d Vol	0/I	Mkr	Tkr	Ex	change	Score	1d Vol	
Spot		19	148	570	n/a	Binance	40,788	10,387	2.0	4.0	Bir	nance	9.9	128,433	
Perpetu	Perpetuals 78 584 3,790 80		окх	13,370 3,817 2.0 5.0 Coinba			inbase	8.0	1,153						
Futures 0 2 12 1		Bybit	8,728	5,442 1.0 6.0			Kra	aken	7.7	543					
Options* 1 7 33 n/a			KuCoin	1,767	1,762	2.0	6.0	Ku	Coin	7.1	502				
Daily Spot Volume, Top 100 Tokens Last 20d, \$b						Top Volu	me, 1d, \$m	Top Vo	lume, %	g					
300 - Current •• 3M Ago •• 6M Ago					BTC	98,709	VE	Г	1872%		BIT		3%		
200						USDT	52,075	SHI	В	1825%		FLOW		44%	
100					SHIB	24,682 CHZ 1798%				KAVA 45%					
	and the second				XRP	22,743 PEPE 1531%					STX		47%		
0						ADA	12,943 ADA 1359%				BCH 47%				
Traditional Finance															
		Globa	Equity	Markets*			SPX vs. BTC, LTM								
	US US Grwth UK Germany Japan						40,000								
1D	0%	0%	1%	0%	0%	0%	30,000					mm	~~~	<b>6</b> ,000	
7D	1%	2%	0%	-1%	0%	-2%	20,000	harde						4,000	
90D	10%	22%	-2%	0%	7%	-7%	10,000	-	SPX (RI	HS) 🗕	ΒT	C (LHS)		2,000	
365D	15%	27%	12%	27%	18%	-11%								- 0	
		r		ury Yields			Commodities & FX   WTI Gas Gold USD/EUR USD/JPY								
Last	US	Brazil 10.79%	<b>UK</b> 4.27%	Germany 2.42%	Japan		Last	<b>WTI</b> 75.9	<b>Gas</b> 2.75			USD/EU 0.89	JR U	ISD/JPY 139.8	
1d Chg	3.81% 0.07	-0.01	4.27%	0.03	0.46%	-0.06	1d % Chg	0.8%				0.89		0.1%	
1d Chg 0.07 -0.01 0.05 0.03 0.00 -0.06 1d % Chg 0.8% 5.5% 0.0% 0.1% 0.1%   Correlations															
-						Corre	lations								
Intra-Crypto Correlations, LTM							Rolling 3M Correlations, LTM 0.80  vs. US Equities								
	BTC	ETH	XRP	BNB	ADA	SOL		Equities	<u></u>		1				
втс							0.40								
ETH	0.87						- BTC								
XRP	0.49	0.54													
BNB	0.74	0.74	0.45				1.00 vs. BTC								
ADA	0.75	0.79	0.68	0.71				a Con			1	-		100 Sta	
SOL	0.75	0.76	0.51	0.70	0.73		0.40	ЕТН 🗕	XRP	🗕 BNE	3 1	- ADA	<b>_</b> S(	DL	
						Crypt	o News								
China's	digital vua	n nears \$2	250B trai	saction vol	ume: Ce		vernor - Cointele	egraph							
Chainlink co-founder wants to bring trillions of dollars into crypto from banks - The Block DeFi liquidity protocol adds Consensys-developed zkEVM rollup Linea - Cointelegraph															
Andreessen Horowitz exec sees 'promising paths' for Web3 social platforms — EthCC - Cointelegraph															
Shared Web3 user base could power new social app integrations — Aave CEO - Cointelegraph															
<u>Terraform Labs appoints new CEO from existing team: Report - Cointelegraph</u>															
Myanmar's shadow government backs launch of crypto-based bank - Cointelegraph Tesla's diamond hands: EV maker's Bitcoin boldings see no change in O2 - Cointelegraph															
<u>resia s c</u>	Tesla's diamond hands: EV maker's Bitcoin holdings see no change in Q2 - 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