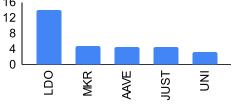
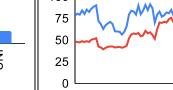
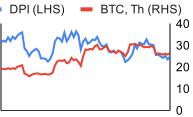
September 21, 2023

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Crypto Leaderboard														
Rank	Name	•	Ticker	Price	2	24h 7	′d 30)d	24h Vol \$n	n M	C \$m	1-Year	r Chart	
1	Bitcoin		BTC	\$26,44	.9 -	3% C	1% 25	%	15,166	51	5,546	~~~~	~~~~	
2	Ethereum		ETH	\$1,578	3 -	3% -3	3% -3	%	10,615	18	9,858	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~	
3	Tether		USDT \$1.00) (0% C	0% 0%	%	22,020	83	3,343			
4	BNB		BNB \$210		-	-1	l% 0'	%	530	32	2,339	\sim	- me	
5	XRP		XRP \$0.50) -	2% 4	% -3	%	914	26	5,807	\sim	$\sim\sim\sim$	
6	USD Coin		USDC	\$1.00		0% 0%		%	6,068	25	5,959	m	h	
7	Lido stETI		STETH	\$1,577			3% -3		6		3,721	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~	
8	Dogecoin		DOGE	\$0.06			l% -2		297		,690	M		
9	Cardano		ADA \$0.25				% -4		124		,679	m		
10	Toncoin		TON	\$2.38			7% 72		46	8	,183	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~	
Top & Bottom Performers - Top 100 Tokens														
	24h			7 Days			Days		90 Da	-		365 Days		
	MX	22%		ЛХ	31%	TON	72%		RLB	423%		RLB	5020%	
	LGO	4%		ON	27%	MKR	25%		RUNE	84%		KAS	979%	
	NEXO 2%		AAVE 15%		KAS 19%			KAS	80%		INJ	383%		
ATOM 2% XEC -6%		MKR GALA		12%		RNDR 16%		MKR	79% -45%		RNDR	250%		
	KEC TKX	-6% -6%		ALA KX	-8% -9%	KLAY RLB	-20%		sui RPL	-45% -47%		FLOW CHZ	-73% -75%	
	KAS	-0 % -6%		NA OTA	-9 <i>%</i> -12%	APE	-24% -26%		GALA	-47% -49%		LUNC	-75% -80%	
	RLB	-0%		LB	-23%	GALA	-20%		APE	-51%		APE	-80% -81%	
		570				Category		nce		0170			01%	
Cotogo	M17	7d	204	00d		365d	-11		7d	204	004	1904	265d	
Catego Lendino		7%	30d	90d 13%	180d -3%	-24%	Ecosyste	m	0%	30d 6%	90d 1%	180d 0%	365d 12%	
	9 ta/Comp.	1%	5%	-10%	-29%	-38%	BSC		3%	1%	-19%		-8%	
Curren	-	0%	1%	-6%	-2%	8%	Polkadot		3% 1%	0%	-19%		-29%	
Privacy	2	2%	-1%	-17%	-40%	-41%	Polygon		2%	-1%	-20%		-16%	
CEXs		2%	-2%	-11%	-21%	-11%	Ethereum	1	3%	-1%	-6%		-6%	
DEX		1%	-2%	-11%	-33%	-27%	Avalanch	е	4%	-2%	-1%	-18%	-19%	
Smart	Contract	0%	-2%	-16%	-32%	-36%	Cosmos		1%	-5%	-8%	-1%	41%	
Scaling	J	1%	-5%	-26%	-50%	-30%	Solana		1%	-8%	-6%	-17%	-29%	
Meme		0%	-5%	-24%	-43%	5%	70%				1-Yea	ar BTC Domir	iance	
Other D	DeFi	-1%	-6%	-13%	-20%	13%	50%							
Gaminę	g/Entertai	1%	-9%	-20%	-45%	-58%	30%							
DeFi														
-	Total Value Locked, LTM, \$b Top TVL By Protocol, \$b DefiPulse Index, LTM													
60 - DPI (LHS) - BTC, Th (RHS) 40 - - - - 75 - - - - 30 - - - -														







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Trading Volume Aggregate Volumes by Product, \$b Top Derivatives Exchanges, \$m and bps Top Spot Exchanges, \$m															
-		1	-	1 1	Top Derivatives Exchanges, \$m and bps					-	Top Spot Exchanges, \$m				
Produc			Exchange		Vol	0/I	Mkr		-	change	Score				
Spot Dornoti			n/a 160	Binance Bybit	31,882 7,705 2.0 4.0 9,956 4,469 2.0 5.5			nance oinbase	9.9 8.6	5,392 900					
· ·	Perpetuals 137 695 2,770 160 Futures 0 2 8 1					OKX			4,469 3,112	2.0 2.0	5.5 5.0		aken	8.6 8.3	900 577
Putures 0 2 8 1 Options 1 5 23 n/a				KuCoin	12,346 3,112 2.0 5.0 1,340 1,085 2.0 6.0					vbit	o.s 7.4	1,074			
Daily Spot Volume, Top 100 Tokens Last 20d, \$b							Top Volume, 1d, \$m Top Volume, %20d Av								
	Curren	USDT 22,492 IMX				%20d Avg Low Volume, %20d Avg 1259% STETH 38%									
200 Current •• 3M Ago •• 6M Ago 150					BTC	14,115 XEC 498%						44%			
100		er an	*•.			ETH	, 5,96		EGL		414%		XDC		45%
50					USDC	3,20	2	LUN	IC	299%		TUSE)	51%	
0						XRP	1,05	1	BT	Г	280%		RETH	I	56%
						Tradition	al Finar	nce							
		Globa	al Equity	y Markets						SPX	vs. BTC), LT	M		
	US USGrwth UK Germany Japan						,							8,000	
1D	-1%	-1%	0%	-1%	-1%	-1%	30,000							6,000	
7D	-3%	-5%	-1%	-1%	-2%	-3%	20,000	20,000 4,0							4,000
90D	0%	-1%	1%	-4%	1%	-10%	10,000	10,000 SPX (RHS) BTC (LHS) 2,0							2,000
365D	15%	27%	16%	28%	22%	-13%								0	
10-Year Treasury Yields Commodities & FX															
	US	Brazil	UK	Germany	Japan	НК			WTI	Ga	s G	old	USD/E	URU	JSD/JPY
Last	4.49%	11.33%	4.35%	2.76%	0.74%	4.13%	Last		90.6	2.7	4 1,	935	0.94	l I	147.9
1d Chg	0.15	0.01	0.14	0.06	-0.01	-0.06	1d % Cł	ng	1.1%	0.2	% -1	.6%	0.2%	6	-0.3%
						Vola	atility								
		Annı	ualized	Volatility					Rolling	3M An	nualized	d Vo	latility, Ľ	ТМ	
	BTC	ETH	BNB	XRP	DOGE	ADA	120%		– S	SPX •	BTC		ETH		
30D	36%	33%	28%	36%	28%	31%	80%	٦							
90D	31%	34%	33%	158%	52%	66%									
180D	37%	40%	40%	117%	62%	61%	40%								
365D	46%	56%	51%	102%	89%	66%	0%								
						Corre	lations								
		Intra-Cry	oto Corr	elations, L	ТМ					ling 3N	M Correl	atio	ns, LTM		
	BTC	ETH	BNB	XRP	DOGE	ADA	0.80 108	s. US I	Equities				= B	гс 🗕	ETH
втс							0.40	1					J		
ETH	0.89										~	-	m	10th	
BNB	0.74	0.76						о DT/	<u> </u>						
XRP	0.50	0.56	0.45				1.00	5. DIU				~			
DOGE	0.57	0.66	0.55	0.39				7			h	L		F~~	
ADA	0.74	0.80	0.70	0.70	0.60		0.20	— E	ETH 💻	BNB	— XR	P	- DOGE		ADA
		3.00	50	20	0.00					2.10		-			



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Stablecoins												
Stablecoin Market Size and Volume, \$m Market Cap Dominance, LTM												
Ticker	Price	1d Vol	20d Avg		larket Cap	100%			•			
USDT	1.00	22,492	18,712	12 83,190		75%			~			
USDC	1.00	3,202	2,658	8 25,931								
DAI	1.00	88	77		5,340	50%						
TUSD	1.00	357	702		3,267	25%						
BUSD	1.00	818	740		2,433	0%						
USDD 1.00 18 19 725 Others USDC USDT												
Ethereum Mainnet & Layer 2s												
Mainnet & Layer 2 Transactions (m/day) and L2 TVL (\$m) Transactions (m/day), Rolling 90-Day Average, LTM												
Network	1d	30d Avg	TVL	Тес	ch Type	6 L2	L1					
Ethereum	1.0	1.0	-		Mainnet							
zkSync Era	1.0	1.0	426		ZKR	4						
Base	0.9	0.7 532 ORU										
Starknet	0.6	0.6	130		ZKR	(R 2						
Arbitrum One	0.6	0.5	5,600		ORU							
OP Mainnet	0.3	0.3	2,560									
Immutable X	0.2	0.2	100	App-specific Validium Layer 2 Token Performance & Market Cap (\$m)								
Mantle	0.2	0.2	88	Optimium		-	MATIC	MNT	OP	ARB	IMX	
dYdX	0.2	0.2	341	App-specific ZKR			-2%	-7%	-16%	-18%	11%	
Linea 0.1 0.1 53 ZKR Market Cap 4,910 1,270 1,040 1,040 759												
					NFTs a	nd DAOs						
	NFT Coll	ection St		TH)	1	DAC	-	Amount	, ,	Composition		
Collection	Floor		3M Ret.	3M Vol	Market Cap	DAO	Treasury	Stables	BTC/ETH	Own Tokens	Other	
CryptoPunks	46.5	1,078	-3%	27,178	464,890	Mantle	3,086	8%	14%	39%	38%	
Bored Ape	24.2	484	-33%	179,582	241,500	Arbitrum	2,888	0%	0%	100%	0%	
Autoglyphs	199.0	6	0%	712	101,888	Uniswap	1,800	0%	0%	100%	0%	
Squiggle	10.0	223	-6%	3,302	99,940	Optimism	1,198	0%	0%	100%	0%	
Mutant Ape	4.8	650	-29%	98,551	94,434	ENS	572	3%	5%	92%	0%	
Fidenza	52.3	35	-31%	1,170	52,248	Ethereum	505	0%	100%	0%	0%	
The Sandbox	0.3	384	-16%	403	44,166	Golem Velte Club	276	0%	96%	4%	0%	
Pudgy Penguins Azuki	4.6 3.8	434 423	8% -76%	19,568 122,904	40,734 38,490	Volta Club Lido	253 231	58%	0%	9%	33% 0%	
Azuki Decentraland	3.8 0.4	423 128	-76% 40%	122,904 110	38,490 34,327	Stargate	231	3% 18%	25% 0%	72% 81%	0% 1%	
	0.4	120	40%	110			207	10%	0 /0	01/0	1 /0	
						o News						
Mining pool ViaBTC controls over 51% of Zcash hash rate - Blockworks												
eToro secures crypto registration in Cyprus to expand in EU - Cointelegraph												
Friend.tech look-alike 'Alpha' emerges on Bitcoin network - Cointelegraph												
Crypto payment firm Alchemy Pay wins money transmitter license in US - Cointelegraph												

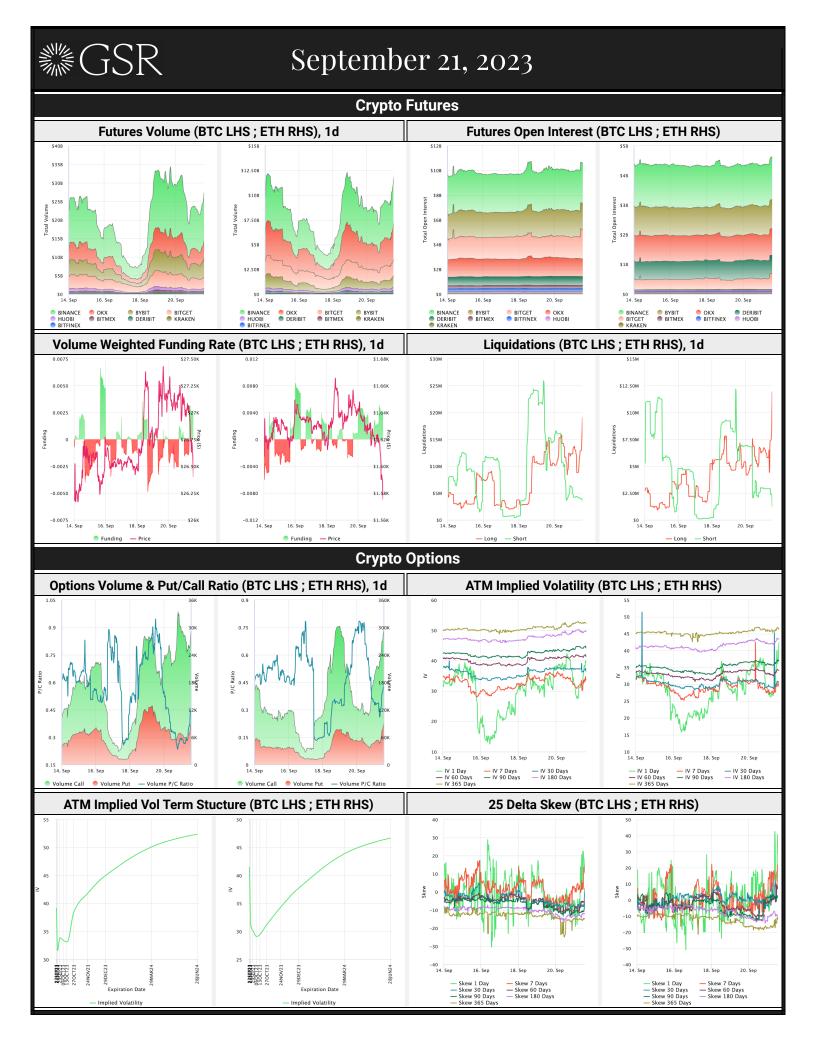
Busan is developing an Ethereum-compatible mainnet to become a 'blockchain city' - Cointelegraph

Phishing victim sends eye-watering \$4.5M in USDT to scammer - Cointelegraph

Optimism to sell \$160M in OP tokens to 7 purchasers via private sale - Cointelegraph

UK politicians don metaverse avatars as they share Web3 roadmap - Cointelegraph

Breaking: Mt. Gox trustee changes repayment deadline to October 2024 - Cointelegraph





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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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Notes & Sources

All options data is based on Deribit and derivatives graphics are from Laevitas. Market returns are based on price returns for the following ETFs: VOO, QQQ, EWU, EWG, EWJ, and EWH. Onchain volumes are not considered and thus certain token volumes may be understated (e.g., stETH).

CoinGecko	Santiment	DefiLlama	CoinMarketCap	Laevitas
L2Beat	Google Finance	TradingView	Deribit	WorldCoinIndex
Cryptorank	Investing.com	NFT Price Floor	CryptoSlate	