STATE OF THE MARKET

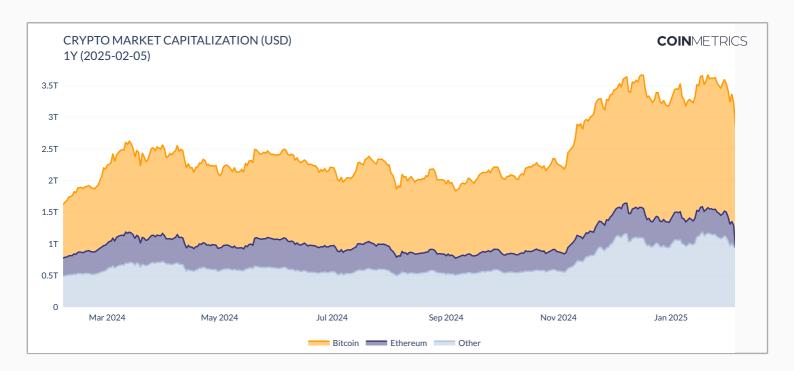
JAN. 30 - FEB. 05, 2025

Coin Metrics' State of the Market provides an overview of cryptoasset market activity



MARKET SUMMARY

A fresh wave of macroeconomic turbulence rocked global markets as President Trump imposed sweeping tariffs on key trade partners, slapping a 25% levy on imports from Canada and Mexico and 10% on goods from China. The move fueled inflation fears and rattled investors, with crypto markets serving as a 24/7 barometer of risk sentiment. Bitcoin tumbled below \$100K, briefly touching ~\$92K, while altcoins saw even deeper losses, triggering over \$2 billion in liquidations. Ether plunged ~30%, Solana dropped ~23%, and Trump's own token fell ~40% before staging partial recoveries as Trump announced a temporary pause on tariffs for Mexico and Canada, easing some of the immediate economic pressure. Even amid the volatility, institutional players took advantage of the moment. Buyers of BlackRock's ETHA ETF bought the dip, acquiring 100,535 ETH (~\$276.2 million), bringing its total holdings to 1,352,934 ETH—now valued at ~\$3.71 billion. Meanwhile, in a bold rebranding move, MicroStrategy officially became "Strategy", unveiling a Bitcoin logo and orange branding to reflect its deepening corporate identity as a Bitcoin-native company. However, the firm's Q4 2024 earnings painted a mixed picture, reporting a \$670.8 million net loss (\$3.03 per diluted share) on \$120.7 million in revenue, as it continues its aggressive Bitcoin accumulation strategy. Regulatory developments added another layer of intrigue as SEC Commissioner Hester Peirce outlined the SEC Crypto Task Force's first key priorities—clarifying security vs. commodity classifications, defining jurisdictional boundaries, and exploring safe harbor provisions for token issuances. The agency will also review custody rules for investment advisors and assess how TradFi players can integrate with crypto rails, signaling a push to modernize financial infrastructure. Meanwhile, David Sacks, the newly appointed White House AI and crypto czar, is working with lawmakers on digital asset regulations, with stablecoins emerging as the first battleground. Sacks and other key leaders back a stablecoin bill from Sen. Bill Hagerty, aiming to create a clear regulatory framework—a move that could pave the way for broader stablecoin adoption. In DeFi, Uniswap Labs launched Uniswap v4, an upgrade introducing "hooks" contracts, which allow developers to customize liquidity pools, fees, and trading mechanisms creating a design space that wasn't possible before. This flexibility is expected to deepen liquidity and fuel a new wave of innovation in DeFi, reinforcing Uniswap's status as the backbone of on-chain infrastructure.

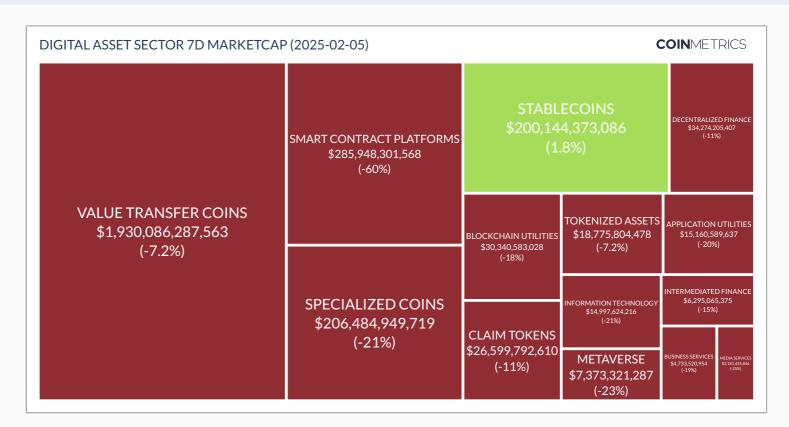


PRICE (CMBI CONSTITUENTS)

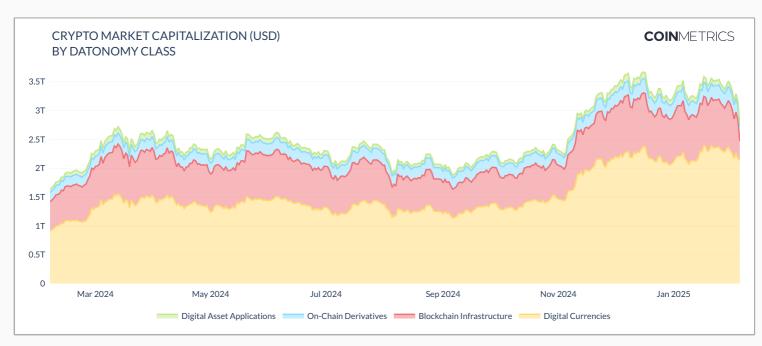
Coin Metrics' Reference Rate price calculated using a transparent, independent methodology robust to manipulation and derived from high quality constituent markets. Data based on 4pm EST NYC close.

ASSET	CLOSING PRICE	7D CHANGE	7D MAX	7D MIN	52W CHANGE	52W MAX	52W MIN
втс	\$97,462.99	-7.48%	\$105,339.78	\$97,462.99	+114.24%	\$106,637.82	\$45,493.43
ETH	\$2,766.16	-14.86%	\$3,316.61	\$2,722.41	+13.94%	\$4,067.29	\$2,224.29
SOL	\$198.68	-17.04%	\$239.49	\$198.68	+93.14%	\$275.10	\$101.32
XRP	\$2.42	-22.49%	\$3.13	\$2.42	+369.19%	\$3.30	\$0.43
ADA	\$0.74	-23.06%	\$0.97	\$0.74	+40.05%	\$1.22	\$0.31
DOGE	\$0.26	-22.65%	\$0.33	\$0.26	+220.09%	\$0.46	\$0.08
TRX	\$0.22	-11.39%	\$0.25	\$0.22	+82.27%	\$0.34	\$0.11
BNB	\$569.33	-16.22%	\$679.58	\$569.33	+78.55%	\$755.66	\$318.86
AVAX	\$25.99	-24.51%	\$34.42	\$25.99	-27.08%	\$63.02	\$19.35
LINK	\$19.37	-21.49%	\$24.69	\$19.37	+6.75%	\$29.62	\$9.28
CMBI10	\$8,882.16	-10.95%	\$9,974.45	\$8,882.16	+91.56%	\$10,376.16	\$4,636.78

ASSET CLASSES







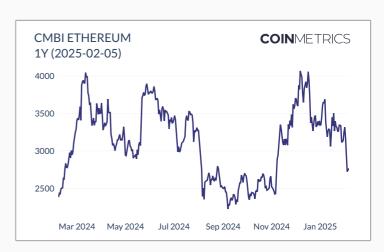
INDEX ROUNDUP

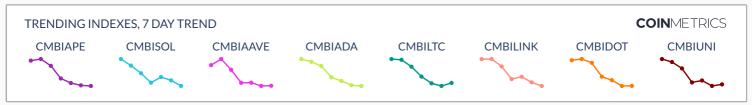
SINGLE ASSET INDEXES

The CMBI Single Asset series are institutionally designed cryptoasset benchmarks that accurately & reliably represent a real-time market aggregate USD value for singular crypto assets.

INDEX	CLOSING PRICE	7D CHANGE	7D MAX	7D MIN	52W CHANGE	52W MAX	52W MIN
СМВІВТС	\$97,460.90	-7.47%	\$105,334.27	\$97,460.90	+114.23%	\$106,639.87	\$45,493.43
СМВІВТСТ	\$104,710.85	-7.47%	\$113,169.91	\$104,710.85	+114.23%	\$114,572.64	\$48,877.62
СМВІЕТН	\$2,765.99	-14.86%	\$3,316.79	\$2,722.57	+13.93%	\$4,067.10	\$2,224.29
CMBIETHT	\$3,002.74	-14.86%	\$3,600.68	\$2,955.60	+13.93%	\$4,415.21	\$2,414.67







MULTI ASSET INDEXES

 $The CMBI \, Multi \, Asset \, series \, are \, institutionally \, designed \, cryptoasset \, benchmarks \, that \, accurately \, \& \, reliably \, represent \, a \, real-time \, market \, aggregate \, USD \, value \, for \, baskets \, of \, crypto \, assets.$

INDEX	CLOSING PRICE	7D CHANGE	7D MAX	7D MIN	52W CHANGE	52W MAX	52W MIN
CMBI10	\$8,882.16	-10.95%	\$9,974.45	\$8,882.16	+91.56%	\$10,376.16	\$4,636.78
CMBI10E	\$17,585.43	-18.00%	\$21,445.21	\$17,585.43	+112.41%	\$24,158.08	\$7,761.84
CMBI10EX	\$15,115.05	-17.50%	\$18,321.74	\$15,115.05	+56.39%	\$20,659.59	\$9,664.86
CMBI10M	\$14,250.07	-9.96%	\$15,827.06	\$14,250.07	+8.27%	\$18,342.80	\$10,877.53
CMBIBE	\$40,989.55	-8.92%	\$45,001.71	\$40,989.55	+86.07%	\$47,441.19	\$22,029.27





MARKET MOVEMENT

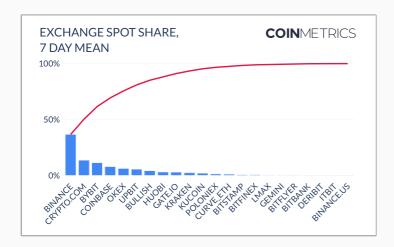
TRADING DIARY, 7 DAY

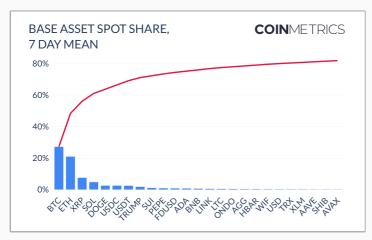
ADVANCING VOLUME: \$52,946,020,104

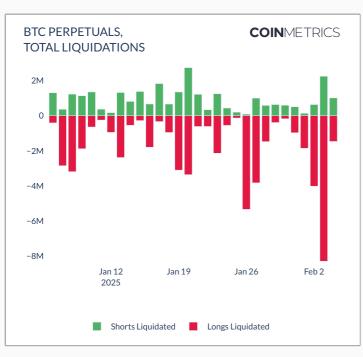
DECLINING VOLUME: \$593,118,667,746

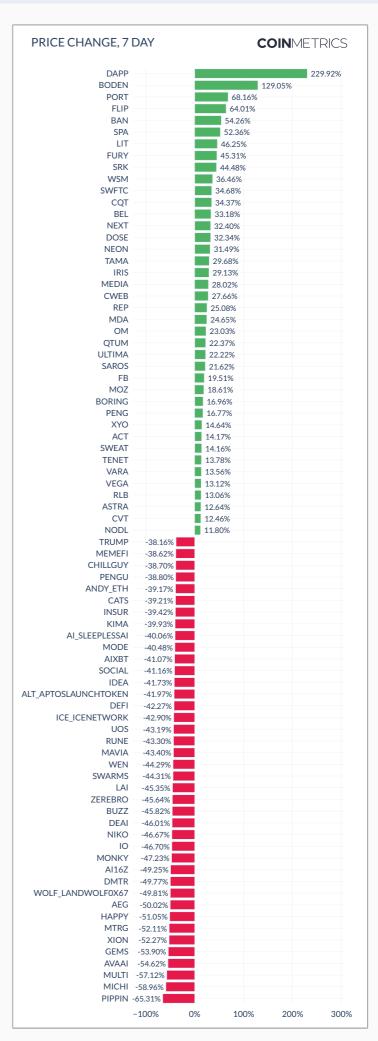
ADVANCING COUNT: 126

DECLINING COUNT: 1096

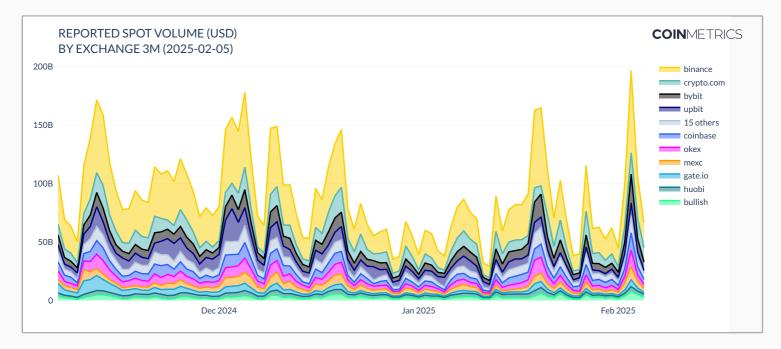


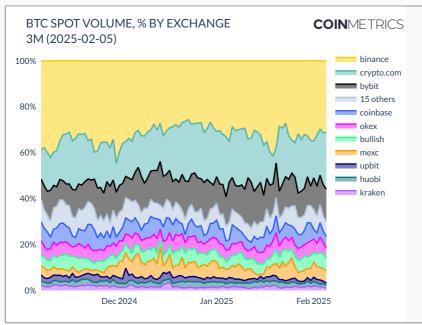






AGGREGATE VOLUME





BTC SPOT VOLUME LEADERS

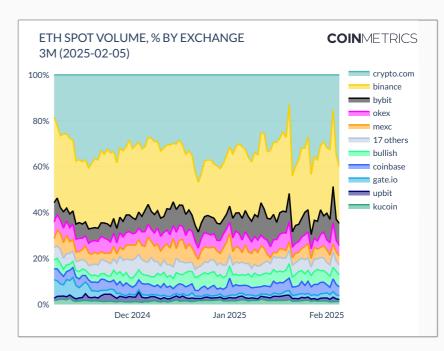
Top 10 exchanges by total BTC spot volume reported over past 3 months.

ASSET	90D CHANGE	90D AVERAGE	90D MAX	90D MIN
BINANCE	-16.78%	7,807,158,169	20,012,423,861	2,131,340,948
СКҮРТО.СОМ	+56.21%	4,834,333,306	11,098,277,436	1,059,520,969
BYBIT	+44.75%	2,935,487,112	7,706,957,837	978,540,191
COINBASE	-30.69%	1,558,803,087	4,179,691,945	224,066,613
OKEX	+2.49%	1,292,062,949	3,750,239,849	252,414,038
BULLISH	+32.69%	1,235,027,628	3,394,615,190	238,348,291
MEXC	+60.49%	1,154,820,509	3,124,248,220	185,985,495
UPBIT	-50.92%	491,300,678	1,826,226,909	113,915,592
HUOBI	-13.23%	472,295,069	1,177,295,562	125,345,667
KRAKEN	-33.58%	417,613,864	1,425,480,489	56,958,069

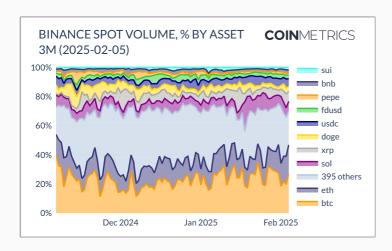
ETH SPOT VOLUME LEADERS

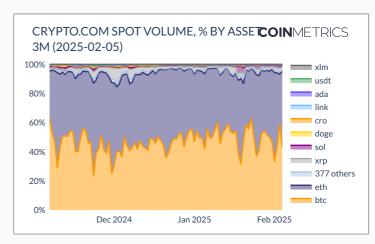
Top 10 exchanges by total ETH spot volume reported over past 3 months.

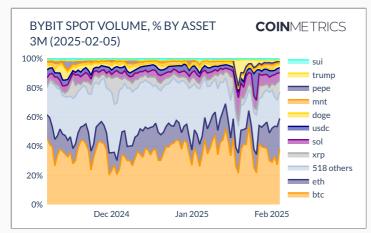
ASSET	90D CHANGE	90D AVERAGE	90D MAX	90D MIN
СКУРТО.СОМ	+104.18%	4,706,689,619	10,922,976,478	1,057,963,491
BINANCE	+5.63%	4,182,079,922	13,769,764,409	1,204,493,613
BYBIT	+137.68%	1,180,443,094	6,480,056,140	360,316,329
OKEX	+5.84%	853,888,965	3,862,858,389	177,626,659
MEXC	-24.93%	801,383,317	2,416,520,348	186,799,865
BULLISH	+70.15%	663,726,084	2,055,733,429	217,002,296
COINBASE	+8.58%	598,345,323	2,280,403,612	126,563,433
GATE.IO	-59.97%	301,429,207	2,177,499,414	42,245,050
UPBIT	-9.53%	229,768,652	791,473,467	54,343,848
KUCOIN	-22.40%	220,607,191	621,038,262	87,620,874

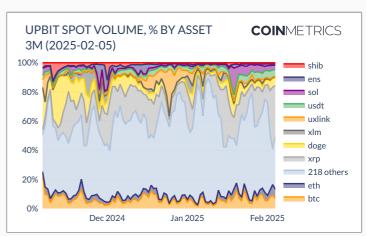


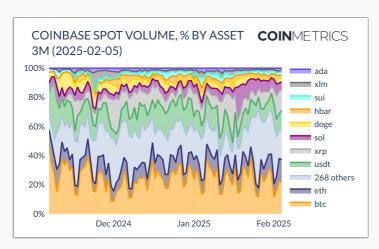
EXCHANGE SPOT VOLUME

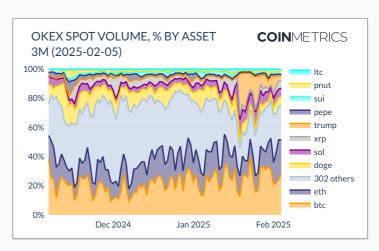


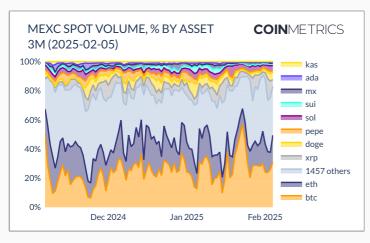


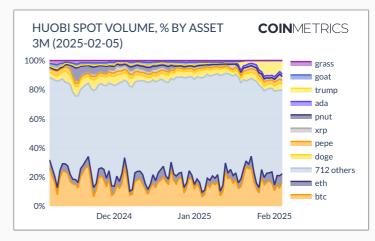




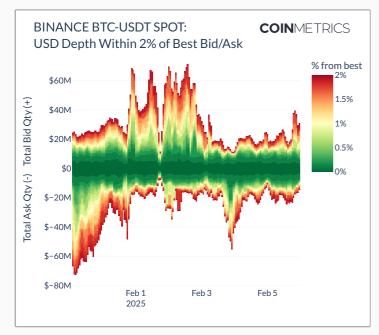


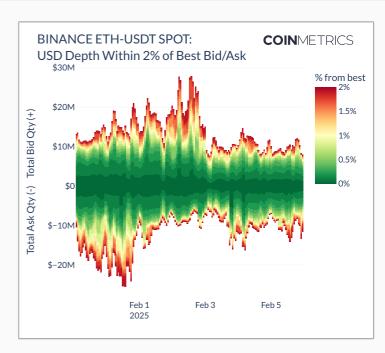


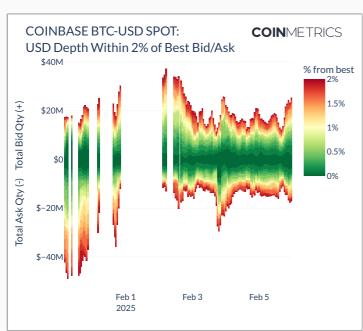


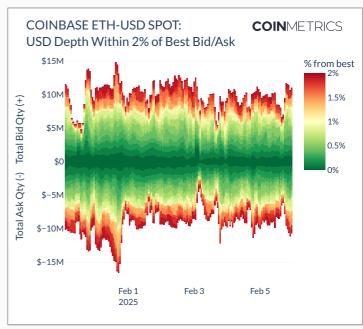


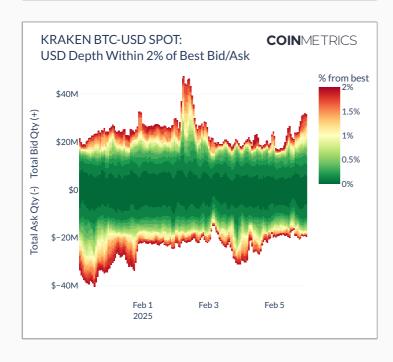
ORDER BOOK DEPTH

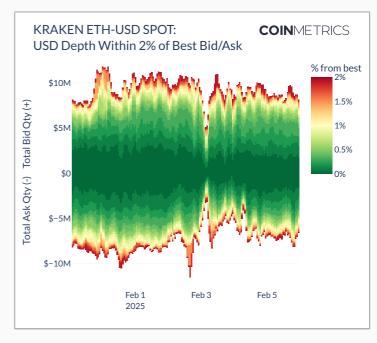






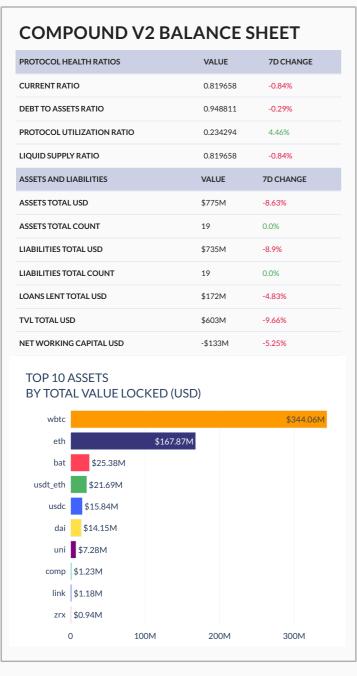


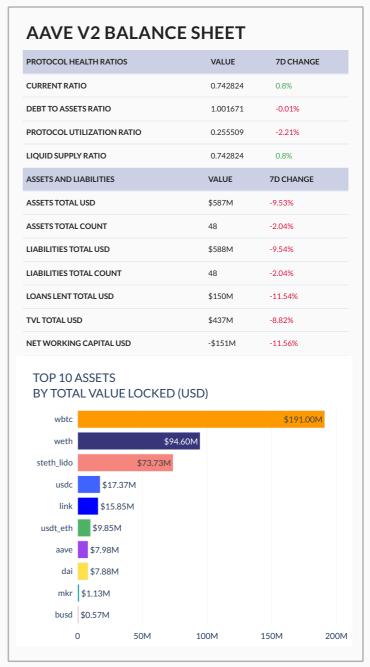




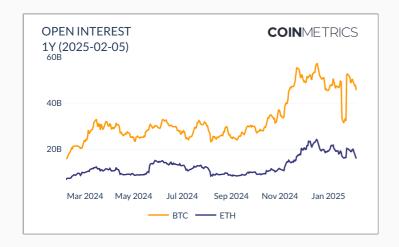
DEFI BALANCE SHEETS

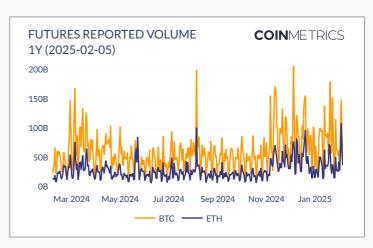






FUTURES FEED





OPEN INTEREST

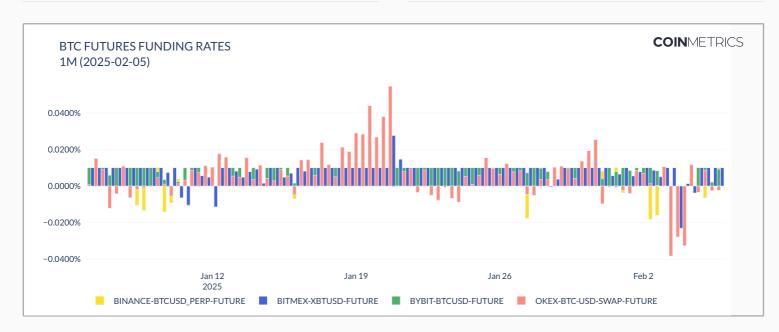
Sum of all reported open interest from futures markets in USD

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	-8.69%	48,497,228,995	50,527,452,861	45,658,196,524
XRP	-41.41%	2,371,066,529	2,837,748,510	1,602,878,364
ADA	-38.54%	537,597,447	628,143,234	373,229,124
LINK	-35.42%	358,449,701	442,655,669	250,977,483
CRO	-40.46%	11,371,058	13,729,121	7,579,005
UNI	-30.69%	160,839,314	184,279,415	126,060,437
LTC	-24.79%	399,434,276	502,458,626	299,257,005
ВСН	-29.36%	198,186,485	226,760,230	153,064,953

FUTURES VOLUME

USD value of all reported futures volume

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	+2.28%	73,624,995,390	148,688,466,844	31,099,069,697
XRP	+88.90%	11,747,400,416	31,307,227,273	4,176,632,182
ADA	+52.72%	1,912,247,922	5,211,388,937	752,104,639
LINK	+14.39%	1,561,059,152	3,242,671,578	887,820,619
CRO	+33.31%	16,258,306	28,688,059	7,504,055
UNI	-26.76%	462,962,805	1,000,273,081	236,489,506
LTC	-47.99%	1,552,764,440	2,345,166,044	1,056,092,894
ВСН	+24.84%	410,106,784	1,040,995,470	178,680,772







OPTIONS SNAPSHOT

BTC OPEN INTEREST

ETH OPEN INTEREST

\$2,422,273,330

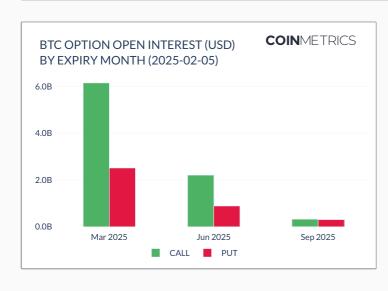
\$1,779,769,121

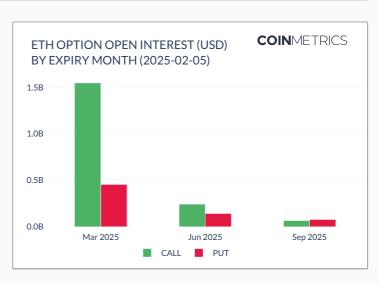
\$642,504,210

TOTAL	\$12,108,683,642	TOTAL
CALLS	\$8,522,441,339	CALLS
PUTS	\$3,586,242,303	PUTS

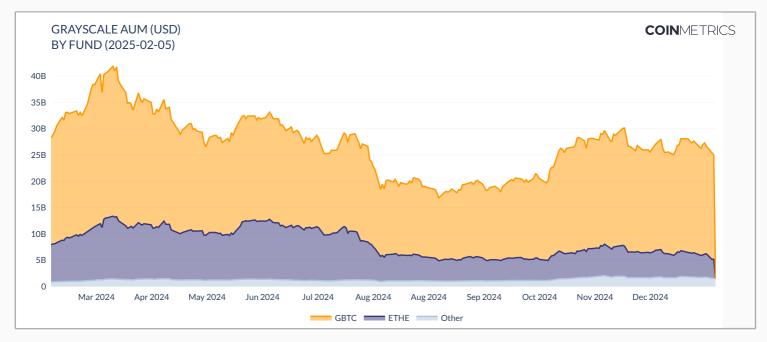


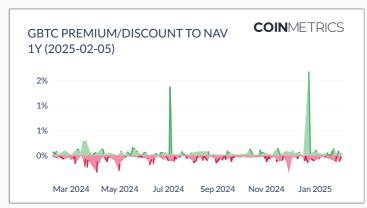






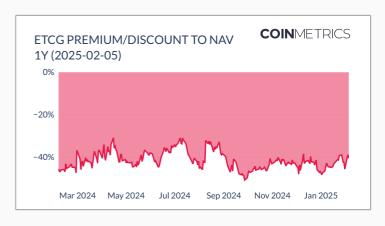
GRAYSCALE FUNDS

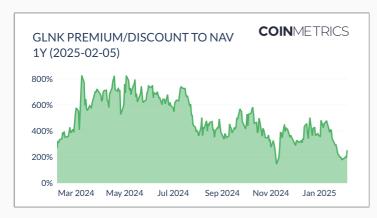


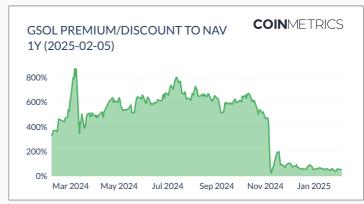




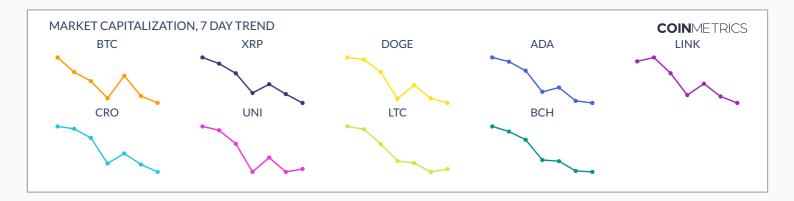








MARKET CAPITALIZATION



MARKET CAP

USD value of current supply. Also referred to as market capitalization.

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	-8.01%	1,985,472,022,501	2,080,556,697,806	1,913,809,109,908
XRP	-24.16%	274,253,412,745	313,894,389,062	238,055,873,332
DOGE	-22.91%	43,024,981,121	49,108,209,067	37,856,022,032
ADA	-23.95%	29,824,767,101	34,221,262,749	26,024,933,011
LINK	-22.04%	21,959,639,311	25,090,135,345	19,159,814,107
CRO	-22.39%	11,623,444,533	13,112,260,001	10,176,699,698
UNI	-23.05%	10,280,002,776	12,007,496,180	9,046,119,910
LTC	-20.61%	8,593,292,451	9,809,506,053	7,652,232,520
ВСН	-24.82%	7,448,197,144	8,638,494,932	6,494,174,211

FREE FLOAT MARKET CAP

The sum USD value of the free float supply.

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	-8.01%	1,381,146,184,931	1,447,197,187,686	1,331,330,436,119
XRP	-24.16%	142,915,222,136	163,571,328,885	124,054,628,445
DOGE	-22.90%	36,001,522,685	41,087,795,795	31,679,439,898
ADA	-23.91%	27,087,836,126	31,070,022,056	23,641,131,517
LINK	-22.04%	13,750,022,211	15,710,184,896	11,996,748,170
CRO	-22.39%	1,148,521,702	1,295,667,179	1,005,542,297
UNI	-23.05%	3,541,904,484	4,137,066,061	3,116,794,044
LTC	-20.61%	6,592,874,087	7,525,678,990	5,871,272,388
ВСН	-24.85%	4,827,888,989	5,599,772,055	4,208,354,460

REALIZED CAP

 ${\sf USD}\ value\ for\ all\ native\ units\ based\ on\ the\ {\sf USD}\ closing\ price\ on\ the\ day\ that\ a\ unit\ last\ moved.$

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	+0.63%	848,466,845,706	851,893,521,809	846,526,879,598
XRP	-3.79%	127,672,895,710	129,595,049,389	124,677,727,275
DOGE	-0.45%	25,770,982,453	25,832,393,920	25,693,124,512
ADA	-2.47%	22,710,504,510	22,964,776,977	22,397,134,910
LINK	-3.63%	15,136,414,862	15,509,496,852	14,754,029,016
CRO	-0.18%	21,413,276,844	21,426,940,773	21,387,061,757
UNI	-2.27%	12,472,218,413	12,609,698,518	12,323,977,888
LTC	-0.26%	6,998,422,529	7,017,560,560	6,984,485,496
ВСН	-0.87%	6,019,177,171	6,041,765,725	5,983,994,960

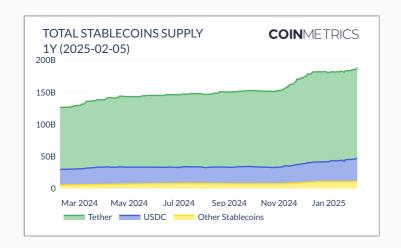
MARKET VALUE TO REALIZED VALUE

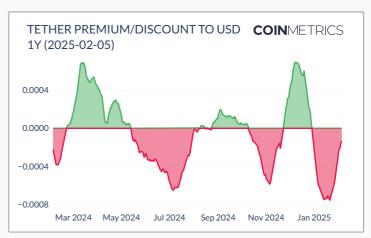
 $The \ ratio \ of \ a \ cryptoasset's \ market \ cap \ (aka \ market \ value) \ to \ realized \ cap \ (aka \ realized \ value).$

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	-8.59%	2.34	2.46	2.25
XRP	-21.17%	2.15	2.42	1.91
DOGE	-22.57%	1.67	1.90	1.47
ADA	-22.02%	1.31	1.49	1.16
LINK	-19.10%	1.45	1.62	1.30
CRO	-22.25%	0.54	0.61	0.48
UNI	-21.26%	0.82	0.95	0.73
LTC	-20.41%	1.23	1.40	1.10
ВСН	-24.16%	1.24	1.43	1.09



STABLECOINS REPORT





MARKET CAPITALIZATION

USD value of current supply

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
USDT_ETH	-0.01%	76,939,569,089	77,042,836,879	76,911,167,450
USDT_TRX	+1.63%	61,051,464,212	61,759,554,751	60,743,550,927
DAI	-2.18%	3,495,371,899	3,543,225,204	3,466,054,576
USDC	+3.11%	34,711,397,784	35,494,502,992	34,252,717,023
EURC_ETH	+51.26%	60,017,453	78,099,514	51,633,886
PYUSD_ETH	+12.15%	359,460,873	410,261,511	331,145,446
USDT_AVAXC	-0.01%	1,847,604,600	1,850,083,233	1,846,921,364
USDC_AVAXC	+36.87%	715,458,047	845,297,143	617,607,635
USDE_ETH	+1.81%	6,046,745,570	6,103,940,044	5,935,168,349
FRAX_ETH	-0.08%	647,164,797	647,456,123	646,760,492

TRANSFER VALUE, ADJUSTED

USD value of the sum native units transferred removing noise

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
USDT_ETH	+95.86%	8,874,001,157	17,970,857,817	3,344,096,159
USDT_TRX	+66.88%	15,528,063,135	25,587,185,144	9,185,703,765
DAI	+277.37%	2,651,186,039	4,960,250,265	615,985,228
USDC	+7.77%	13,128,079,487	24,349,883,170	5,584,736,077
EURC_ETH	-70.51%	20,520,256	77,553,357	1,194,691
PYUSD_ETH	+213.92%	48,674,455	171,056,384	3,569,486
USDT_AVAXC	+11.52%	505,581,678	1,320,053,528	203,248,516
USDC_AVAXC	+25.60%	722,473,091	1,952,240,067	345,010,045
USDE_ETH	+37.29%	206,205,071	398,784,946	70,160,939
FRAX_ETH	-63.91%	19,939,793	44,976,991	6,052,484





TRANSACTION COUNT

Count of transactions

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
USDT_ETH	+17.96%	175,192	213,214	150,826
USDT_TRX	+23.49%	1,825,856	2,201,918	1,590,454
DAI	+70.83%	7,122	10,257	4,542
USDC	+18.04%	118,870	149,141	99,437
PYUSD_ETH	+3.69%	1,540	1,733	1,407
USDT_AVAXC	+3.55%	36,508	58,345	28,574
USDC_AVAXC	+39.25%	64,819	105,466	42,677
USDE_ETH	+15.56%	877	1,138	667
FRAX_ETH	+27.21%	512	838	259

MEDIAN TRANSFER VALUE

Median USD value transferred per transfer between addresses

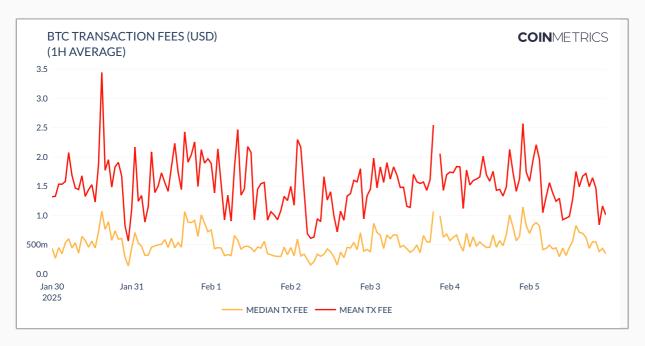
ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
USDT_ETH	-35.21%	455	1,031	230
USDT_TRX	+28.28%	381	475	311
DAI	+2.89%	3,015	8,103	1,277
USDC	-3.12%	817	2,295	384
PYUSD_ETH	+16.06%	152	204	120
USDT_AVAXC	+26.28%	141	198	95
USDC_AVAXC	-13.40%	135	239	54
USDE_ETH	+37.61%	22,491	97,598	139
FRAX_ETH	-69.56%	5,593	13,140	2,130

VELOCITY

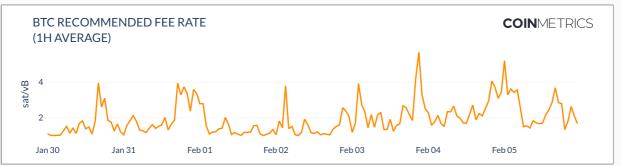
Number of times that an average native unit among the active supply has been transferred in the past 1 year $\,$

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
USDT_ETH	+1.79%	35.88	36.26	35.62
USDT_TRX	-0.90%	87.53	88.16	86.73
DAI	+2.11%	972.53	978.07	956.81
USDC	-0.87%	78.61	79.41	77.76
PYUSD_ETH	-19.44%	46.52	51.72	38.43
USDT_AVAXC	+3.44%	46.70	47.58	46.00
USDC_AVAXC	-22.19%	191.98	214.30	166.75
USDE_ETH	+0.30%	8.67	8.77	8.54
FRAX_ETH	+0.47%	11.61	11.65	11.58

FEE MARKET



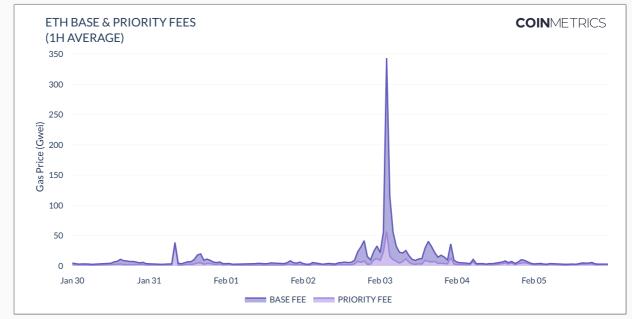




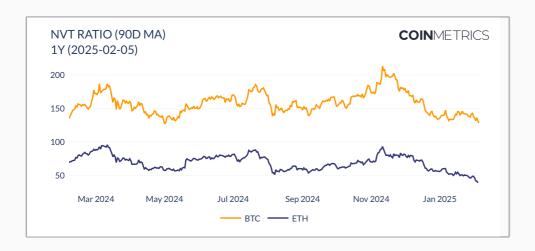








NETWORK DATA FUNDAMENTALS



ACTIVE ADDRESSES

Count of unique addresses that were active in the network

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	-1.70%	780,814	872,269	732,561
XRP	+8.94%	70,417	87,237	61,037
ADA	-32.13%	37,708	49,098	29,282
LINK	-16.86%	5,521	9,395	4,182
CRO	-13.58%	520	618	420
UNI	-8.84%	1,436	2,023	1,142
LTC	-7.51%	355,856	379,722	334,960
всн	-46.95%	44,691	59,810	31,727
FTT	+9.01%	100	132	75

FREE FLOAT SUPPLY

Sum of native units readily available to trade in open markets

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	+0.02%	13,786,370	13,787,693	13,784,478
XRP	+0.00%	52,103,611,798	52,104,480,769	52,102,814,433
ADA	+0.07%	32,252,771,991	32,263,422,726	32,237,775,278
LINK	-0.00%	626,149,352	626,158,237	626,141,157
CRO	-0.01%	9,881,064,554	9,881,341,423	9,880,829,015
UNI	+0.00%	344,543,281	344,545,254	344,540,277
LTC	+0.03%	57,916,707	57,926,102	57,906,096
всн	-0.02%	12,849,637	12,850,439	12,847,039
FTT	-0.00%	328,892,794	328,892,844	328,892,727

ACTIVE ADDRESSES, 7 DAY TREND BTC XRP ADA LINK CRO UNI LTC BCH FTT

TRANSACTION COUNT

Count of transactions

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	+9.19%	350,847	383,886	313,377
XRP	-11.43%	2,112,918	2,717,506	1,798,423
ADA	-42.90%	64,322	86,314	46,538
LINK	-0.55%	8,916	15,859	6,731
CRO	+6.13%	660	1,051	464
UNI	+5.50%	3,405	6,008	2,170
LTC	-4.70%	195,635	204,783	190,141
ВСН	-67.07%	27,154	53,120	16,236
FTT	+69.79%	204	326	90

TRANSFER VALUE, ADJUSTED

USD value of the sum native units transferred removing noise

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	+87.38%	14,569,802,541	23,348,066,432	5,574,057,509
XRP	+51,297.31%	141,721,711,662	717,223,848,349	1,395,450,284
ADA	-4.37%	10,804,515,458	20,444,100,011	6,791,748,377
LINK	+193.71%	325,434,265	862,776,949	131,854,623
CRO	+105.57%	5,485,939	14,723,759	1,088,530
UNI	+117.29%	139,372,203	270,064,293	54,082,768
LTC	+6.16%	217,703,725	346,750,751	111,623,499
ВСН	+63.23%	65,647,215	142,969,411	31,101,933
FTT	-15.16%	784,029	1,916,465	226,674

ADDRESSES ≥ \$1

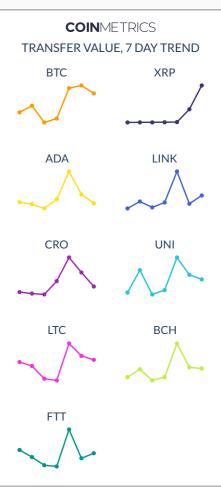
Count of addresses holding at least \$1 worth of native units

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	-1.63%	48,059,936	48,398,289	47,610,291
XRP	+0.58%	6,105,764	6,123,606	6,088,244
ADA	-5.42%	4,077,726	4,193,246	3,966,066
LINK	-1.18%	593,381	597,246	589,398
CRO	-1.03%	160,244	161,084	159,432
UNI	-2.58%	280,494	284,926	276,707
LTC	-4.41%	3,089,493	3,182,979	3,026,214
ВСН	-5.88%	5,051,574	5,213,949	4,907,349
FTT	-0.27%	24,068	24,218	23,933

ADDRESSES ≥ \$1M

Count of addresses holding at least \$1M worth of native units

ASSET	7D CHANGE	7D AVERAGE	7D MAX	7D MIN
втс	-12.69%	149,948	159,593	139,343
XRP	-25.47%	6,812	7,759	5,783
ADA	-23.39%	2,157	2,480	1,900
LINK	-14.48%	1,101	1,190	998
CRO	-21.67%	51	60	45
UNI	-8.13%	430	455	404
LTC	-13.56%	688	752	640
ВСН	-23.04%	498	573	441
FTT	+0.00%	19	22	16



DATA EXPLAINER (P.1)

ESTIMATED MARKET CAPITALIZATION (MARKET CAP)

Estimated Market Capitalization (Market Cap) is an asset's reported supply multiplied by its price. In this version of the metric, circulating supply is reported by the projects or other derived sources.

PRICE

Closing Price (4PM), High Price, Low Price, % Change in Price for each asset for the previous month and the previous 52-week period. Price represents Coin Metrics' Reference Rate, which is calculated using an independent methodology robust to manipulation. More information on Coin Metrics' Reference Rates.

DIGITAL ASSET TAXONOMY

Asset classes, sectors, and sub-sectors are derived from datonomy $^{\text{TM}}$, a digital asset classification system created by Coin Metrics, Goldman Sachs, and MSCI, offering a consistent, standardized way for investors to analyze the digital assets ecosystem.

Class is the top level of the classification system, describing the fundamental purpose of an asset.

Sector describes specialization of an asset within a class.

Sub-Sector delineates the asset within a sector by the specific product, service, or function it provides to users.

datonomy[™] offers a new level of transparency into how the market is moving and serves as a powerful foundation for portfolio performance measurement, risk management, reporting, & investment strategy. <u>More info</u> on datonomy.

SECTOR INDEXES

The Total Market Series is a suite of indexes measuring segments of the digital assets ecosystem as defined by datonomyTM, allowing investors to passively track the growth of sectors and sub-sectors. The full list of index offerings is outlined below:

- CMBIAUE: CMBI Application Utilities Sector Even
- CMBIBUE: CMBI Blockchain Utilities Sector Even
- CMBIBSE: CMBI Business Services Sector Even
- CMBIDFIE: CMBI Decentralized Finance Sector Even
- CMBIITE: CMBI Information Technology Sector Even
- CMBIIFE: CMBI Intermediated Finance Sector Even
- CMBIMSE: CMBI Media Services Sector Even
- CMBIMTAE: CMBI Metaverse Sector Even
- CMBISCPE: CMBI Smart Contracts Platform Sector Even
- CMBISCE: CMBI Specialized Coins Sector Even
- CMBIVTCE: CMBI Value Transfer Coins Sector Even
- CMBIDEXE: CMBI Decentralized Exchanges Sub-Sector Even
- CMBINSE CMBI Network Scaling Sub-Sector Even
- CMBINFTE: CMBI NFT Ecosystem Sub-Sector Even

CMBI SINGLE ASSET SERIES

The CMBI Single Asset Series provide the cryptoasset community, investors and asset managers with publicly available and investable benchmarks that reliably and accurately track the price of a single cryptoasset, through sourcing market prices from numerous global liquidity venues. More information on Coin Metrics Indexes.

CMBI BITCOIN

Daily level for Coin Metrics Bletchley Index (CMBI) Bitcoin for the previous month. CMBI Bitcoin tracks the price and performance of Bitcoin by sourcing BTC/USD market prices from numerous global liquidity venues. As of 2/2/2025 constituent markets in the CMBI Bitcoin were Binance.US, Bitstamp, Bittrex, Coinbase, Gemini, itBit and Kraken. More information on Coin Metrics Indexes.

CMBI ETHEREUM

Daily level for CMBI Ethereum for the previous month. CMBI Ethereum tracks the price of Ethereum by sourcing ETH/USD market prices from numerous global liquidity venues. As of 2/2/2025 constituent markets in the CMBI Ethereum were Binance.US, Bitstamp, Bittrex, Coinbase, Gemini, itBit and Kraken. More information on Coin Metrics Indexes.

CMBI MULTI ASSET SERIES

The CMBI Multi Asset Series provide the cryptoasset community, investors and asset managers with publicly available and investable benchmarks that reliably and accurately track the value of cryptoasset markets. <u>More information</u> on Coin Metrics Indexes.

CMBI 10

Daily level for CMBI 10 for the previous month. The CMBI 10 is designed to measure the performance an investor would expect from investing in a diversified basket of cryptoassets weighted by their free float market capitalization. The 10 largest cryptoassets, defined by an asset's expected 10 year future market capitalization, are selected as the index constituents. More information on Coin Metrics Indexes.

CMBI 10 MOMENTUM

Daily level for CMBI 10 Momentum for the previous month. The CMBI 10 Momentum is designed to measure the performance of a short term momentum factor applied to a basket of the 10 largest cryptoassets. The 10 largest cryptoassets, defined by an asset's expected 10 year future market capitalization, are selected as the index constituents. More information on Coin Metrics Indexes.

DATA EXPLAINER (P.2)

TRADING DIARY

Total Volume, which is the total traded volume for the previous week for the cryptoassets under Coin Metrics Reference Rate Coverage.

Adv. Volume is the total traded volume for the previous week for all cryptoassets under Coin Metrics Reference Rate Coverage that had closing prices higher than their opening prices for the week.

Decl. Volume is the total traded volume for the previous week for all cryptoassets under Coin Metrics Reference Rate Coverage that had closing prices lower than their opening prices for the week.

Advances are the number of cryptoassets that had closing prices higher than their opening price for the week.

Declines are the number of cryptoassets that had closing prices lower than their opening price for the week.

The ratio of advances to declines can be used to determine the breadth of market direction. For example, higher advance/decline ratios indicate that advancing market direction is driven by a broader set of cryptoassets.

EXCHANGE SPOT VOLUME MARKET SHARE

Market share of exchange spot volume for the previous week for the Markets covered by Coin Metrics.

BASE ASSET SPOT VOLUME MARKET SHARE

Market share of base asset volume for the previous week for the top 25 cryptoassets based on volume under Coin Metrics Reference Rate Coverage.

LIQUIDATIONS

Exchanges which offer futures products have a liquidation system that will attempt to close a market participant's position before the point at which the market participant begins to owe more than the available amount of collateral in their account. If a short trade enters liquidation, the exchange will enter a 'buy' order to forcibly close out the position. Vice versa, if a long trade enters liquidation, the exchange will enter a 'sell' order to forcibly close out the position.

% PRICE CHANGE

Percentage change in price over the previous week for cryptoasset gainers and losers in Coin Metrics' Reference Rate and Market Cap coverage universe. Coin Metrics' price/Reference Rate is calculated using an independent methodology robust to manipulation. <u>More information</u> on Coin Metrics' Reference Rates.

REPORTED EXCHANGE VOLUME

Our exchange reported volume metric is an aggregation of the daily reported volume from an exchange in units of U.S. dollars.

SPOT VOLUME SHARE, % BY ASSET

Exchange spot volume asset share is derived using Coin Metrics market candles. Candles include volume and volume-weighted average price, as well as open, high, low, and close values for each market. Candles are available at various intervals, from 1-minute to 1-day frequency. Candle USD volume is calculated by aggregating the total volume of trades for each base pair in a given window and multiplying by the asset's Coin Metrics Reference Rate.

ORDER BOOK DEPTH

Order book depth (+/-2%) is calculated using Coin Metrics order book snapshots. Coin Metrics stores three types of order book snapshots. One type consists of a snapshot of the top 100 bids and top 100 asks taken once every 10 seconds for major markets. The 2nd type includes all levels where the price is within 10 percent of the midprice taken once every 10 seconds for major markets. The 3rd type consists of a full order book snapshot (every bid and every ask) taken once every hour for all markets that we are collecting order book data for.

DEX REPORTED SPOT VOLUME

Decentralized exchange spot volume is calculated by aggregating the total amount of USD trading volume occurring in major DEX liquidity pools. The subset of liquidity pools where both the base and the quote asset have a Coin Metrics Reference Rate are included.

DEX RISING VOLUME

Decentralized exchange rising volume is calculated by aggregating the total amount of USD trading volume occurring in major DEX liquidity pools and selecting the pools with the largest week-overweek rise in volume. The subset of liquidity pools where both the base and the quote asset have a Coin Metrics Reference Rate are included.

DEX FALLING VOLUME

Decentralized exchange falling volume is calculated by aggregating the total amount of USD trading volume occurring in major DEX liquidity pools and selecting the pools with the largest week-overweek decline in volume. The subset of liquidity pools where both the base and the quote asset have a Coin Metrics Reference Rate are included.

DATA EXPLAINER (P.3)

DEX VOLUME BY FEE TIER

Decentralized exchange volume by fee tier is calculated by aggregating the total amount of swap USD volume that occurred in each liquidity pool, segmented by the different fee tiers of pools available for each pair. Revenue by fee tier is calculated by multiplying the amount of USD volume by the fee tier of the liquidity pool in which the volume occurred. More information on Coin Metrics DeFi data.

DEX TOTAL VALUE LOCKED (TVL)

Decentralized exchange total value locked is derived by calculating the amount of tokens held in all DEX liquidity pools covered by Coin Metrics. Balance held by each liquidity pool smart contract is retrieved using ATLAS, Coin Metrics' universal blockchain search engine. More information on Coin Metrics ATLAS.

FUTURES OPEN INTEREST

The reported futures open interest from markets in Coin Metrics' coverage in units of U.S. dollars, aggregated across all futures markets for a particular asset. Covered markets can be found in the Coin Metrics <u>Data Encyclopedia</u>.

FUTURES BASIS

The futures basis is the percent difference between the price of a dated futures contract and the price of its underlying spot market, calculated using the Coin Metrics Reference Rate. In addition to calculating futures basis manually, Coin Metrics also offers annualized <u>futures basis metrics</u> at the exchange-asset level.

FUTURES VOLUME

The reported futures volume from the markets in Coin Metrics' coverage in units of U.S. dollars, aggregated across all futures markets for a particular asset. Covered markets can be found in the Coin Metrics <u>Data Encyclopedia</u>.

FUNDING RATES

Funding rates are a mechanism that exchanges use to ensure that perpetual futures trade at a price that is close to the price of the underlying spot markets. The funding rate is used to calculate the funding fee which long position holders pay short position holders, or vice versa, as a way to incentivize market participants to take positions that keep perpetual futures prices close to the underlying.

Positive funding rates indicate that the price of a perp contract is higher than mark price, forcing traders with long positions to pay those holding shorts. Inversely, negative funding rates mean that perp prices are below mark price, so those with shorts must pay the longs. Some analysts have noted that persistently positive funding rates tend to precede a downturn, while persistently negative rates can lead to short squeezes.

PERP & NON-PERP OPEN INTEREST

The reported futures open interest from markets in Coin Metrics' coverage in units of U.S. dollars, aggregated across all futures markets for a particular asset and segmented by contract type (perpetual and non-perpetual futures).

A perpetual ("perp") contract is a special type of futures contract, which is an agreement to buy or sell a cryptoassets at a predetermined price at a specified time in the future. Perpetuals do not have a an expiry date, so one can hold the position for as long as desired.

OPTIONS OPEN INTEREST

The reported options open interest from markets in Coin Metrics' coverage in units of U.S. dollars. Currently, the open interest displayed is collected from Deribit, the largest crypto options exchange. Open interest is broken down into calls (long positions) and puts (short positions) to highlight prevailing investor sentiment.

OPTIONS IMPLIED VOLATILITY VS. STRIKE PRICE (VOLATILITY SMILE)

Implied volatility represents the market's expectation of future volatility as derived from options prices, calculated using an options pricing model. When this value is input to an options pricing model, that makes the actual options price equal to its theoretical price.

The options implied volatility (IV) vs. strike price visualization (also known as a "volatility smile") is generated by plotting the IV of each options contract with a common expiration date against the corresponding strike prices of each contract. This representation underscores the fact that out-of-the-money (OTM) options must factor in a higher likelihood of extreme, market-moving events when compared to in-the-money (ITM) options, warranting a higher premium to be paid for the IV component of that contract.

OPTIONS GREEKS

Option greeks represent the sensitivity of the price of an options contract with respect to changes in its underlying parameters. Greeks are used in risk management & hedging so that market participants can achieve their desired exposure. Exchanges report the following greeks:

- Vega: The 1st derivative of an option's price to the volatility of the underlying asset's price.
- Theta: The 1st derivative of an option's price to the passage of time
- Rho: The 1st derivative of an option's price to the risk free interest rate.
- **Delta:** The 1st derivative of an option's price to the underlying asset's price.
- Gamma: The 2nd derivative of an option's price to the underlying asset's price.

DATA EXPLAINER (P.4)

MARKET CAPITALIZATION (MARKET CAP)

Market Capitalization (Market Cap) is an asset's on-chain supply (Coin Metrics' Current Supply) multiplied by its price. Current supply is the sum of all native units ever created (i.e., issued) and visible on the ledger.

Market cap is the most commonly used measure of a cryptoasset's total market value. However, market cap can be misleading because it treats each unit of supply equally. Unlike with traditional equities, significant amounts of cryptoassets are permanently lost or go unclaimed, yet are still counted as part of the on-chain supply.

FREE FLOAT MARKET CAP

The sum USD value of the free float supply. Also referred to as free float network value or free float market capitalization.

Free Float Market Capitalization is a measure of the market value of an asset's supply that is issued and available to market participants. This excludes supply that is held by company insiders, controlling investors, and long term strategic holders. Free Float Supply also excludes large token burn wallets and funds that have been provably lost.

REALIZED CAP

Realized cap is calculated by valuing each unit of supply at the price it last moved on-chain (i.e. the last time it was transacted). For example if a coin was last transacted three years ago when the price was \$2,500, that particular coin would be priced at \$2,500 instead of the current market price. The realized cap is the total sum of all coins priced this way.

Realized cap provides a more realistic representation of market cap and discounts coins that are lost or out of circulation.

MARKET TO REALIZED VALUE (MVRV)

MVRV is the ratio of a cryptoasset's market cap (aka market value) to realized cap (aka realized value).

It can be used to help gauge cryptoasset market tops and bottoms. Historically, periods where Bitcoin's MVRV has dropped below 1.0 have coincided with market bottoms and in hindsight have been the best times to buy.

TOTAL STABLECOIN SUPPLY

Total Stablecoin Supply based on Coin Metrics' Current Supply, which reflects all native units ever created and visible on the ledger (i.e., issued). Tether supply includes Tether Omni, Tether ETH, and Tether Tron. Other Stablecoins include PAX, DAI, USDC, BUSD, GUSD, HUSD, TUSD, and SAI.

TETHER PREMIUM/DISCOUNT TO USD

30-day moving average of Tether's price YTD premium or discount to USD. Price represents Coin Metrics' Reference Rate, which is calculated using an independent methodology robust to manipulation. <u>More information</u> on Coin Metrics' Reference Rates.

MARKET CAPITALIZATION

See prior explanation.

TRANSFER VALUE, ADJUSTED

Transfer value is the total amount of a cryptoasset transferred over the course of a day, denominated in USD. We adjust raw transfer value to remove noisy "non-economic" behavior such as self-sends and spam.

TRANSACTION COUNT

Transaction count is the measure of the number of transactions either sent or received on a daily basis. Similar to active addresses it is a measure of network activity but it is susceptible to some spam and other types of manipulation.

MEDIAN TRANSFER VALUE

The median USD value transferred per transfer (i.e., the median "size" in USD of a transfer) between distinct addresses.

VELOCITY

The ratio of the value transferred (i.e., the aggregate "size" of all transfers) in the trailing 1 year divided by active supply in the trailing 1 year.

Velocity can be thought of as the rate of turnover— the number of times that an average native unit among the active supply has been transferred in the past 1 year.

DATA EXPLAINER (P.5)

MEMPOOL SIZE VS. FEE RATES

Coin Metrics' Mempool Monitor provides a full breakdown of what other network participants are willing to pay to have their transactions settled, thereby enabling precise fee estimation and settlement prediction. The chart showcases all feerate levels that have corresponding transactions in the mempool. For each feerate level, the total number of mempool transactions, as well as their size (in virtual bytes), are monitored.

BTC RECOMMENDED FEE RATE

The recommended minimum feerate required for a transaction to be included in the upcoming blockchain block. This metric accounts for situations where there are many transactions paying the minimum feerate by adding an additional cushion to the minimum estimate, providing better settlement guarantees.

BTC FEE TRENDS

The USD value of the mean and median fee per transaction that interval. Average fees per unit of blockspace (bytes and virtual bytes) are also calculated

TRANSACTION COUNT PER BLOCK

The count of all transactions within the most recent block processed.

ETH GAS PRICES

The most recent block we processed within a 1-minute window is evaluated and its Base Fee and Priority Fees are captured. The concept of a Base Fee was introduced as part of EIP-1559 and it represents the portion of the total transaction fees that is destroyed and taken out of circulation (i.e. burnt). Ethereum post-1559 requires users to pay for a Base Fee as a prerequisite to include transactions in a block. The Base Fee can go up or down on the basis of the size (in gas units) of the previous block. The concept of a Priority Fee was introduced as part of EIP-1559 and it represents the portion of the total transaction fees that rewards validators. This serves as an added incentive so that validators prioritize transactions that have opted-in and paid a tip.

ETH FEE TRENDS

The USD value of the mean and median fee per transaction that interval. The sum gas used (i.e. paid) across all transactions and mean gas used (i.e. paid) per transaction that day are also captured.

NVT RATIO

The ratio of the network value (or market capitalization) to the 90-day moving average of the adjusted transfer value.

NVT uses native units network value and adjusted transaction volume. It is therefore available at the asset's genesis, unlike if it was using USD values. It can be thought of as a rough P/E (price to earnings) ratio proxy for crypto assets.

ACTIVE ADDRESSES

Active addresses is the unique number of addresses that either send or receive a transaction, calculated daily.

This metric can serve as a rough proxy for daily active users. However, it's not exact— a single user can have many addresses, and a single addresses can be owned by many users.

FREE FLOAT SUPPLY

Coin Metrics' free float supply takes many of the best practices from traditional capital markets and applies them to cryptoassets to identify supply that is highly unlikely to be available to the market in the short to mid-term. In doing so, free float supply provides a better approximation of a cryptoasset's liquidity and market capitalization compared to standard supply measurements. More information on Coin Metrics Free Float Supply.

TRANSACTION COUNT

See prior explanation.

TRANSFER VALUE. ADJUSTED

See prior explanation.

ADDRESSES WITH ≥ \$1

The count of addresses that hold at least \$1 worth of a cryptoasset. This gives a rough estimation of the amount of users that hold an asset, with the same caveats that apply for active addresses.

ADDRESSES WITH ≥ \$1M

The count of addresses that hold at least \$1M worth of a cryptoasset. This gives a rough estimation of the amount of institutional investors that hold an asset, with the same caveats that apply for active addresses.

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