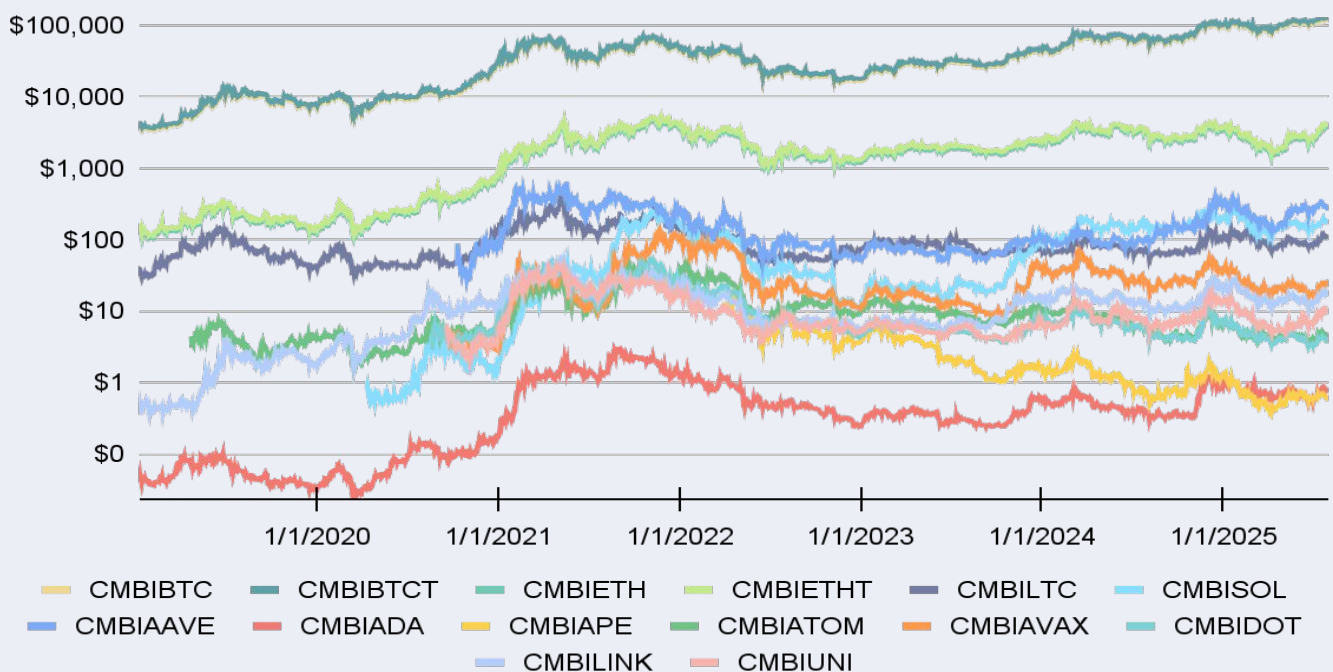# CMBI Single Asset Series

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. Indexes are designed to accurately reflect the performance of the global market, be easily tradable and be readily accessible to market participants.

Historical Performance*

*Performance of indexes prior to their respective launch date is back-tested performance utilizing historical data

Features

Coverage
Bitcoin, Ethereum, Litecoin, Solana, Aave, Cardano, Apecoin, Cosmos, Avalanche, Polkadot, Chainlink and Uniswap

Investability
Assets launched in the CMBI Single Asset Series have been selected due to their investability in global markets.

Price
Indexes are calculated based on price and total returns.

Objective
The single asset indexes are designed for the creation of financial products including derivatives, index tracking funds and for use as a performance benchmark.

Transparent
Index design and calculation follow a rules based process that is publicly available on the Coin Metrics website.

Availability
Single asset indexes produce two differently calculated prices:
- Real-time prices that are available every 1 second and every 15 seconds,
- Close prices that are available at the end of each hour

Performance and Volatility

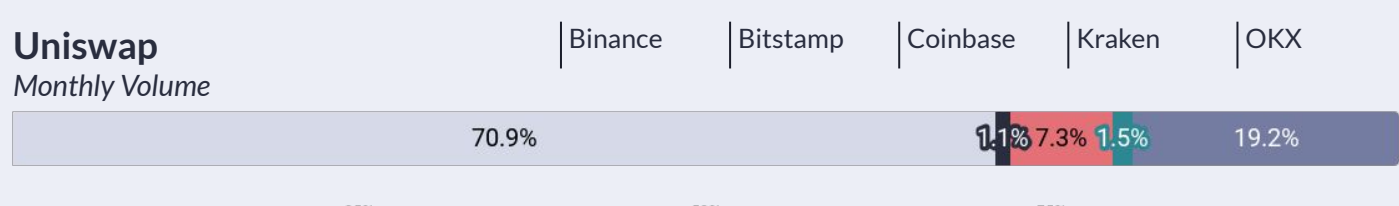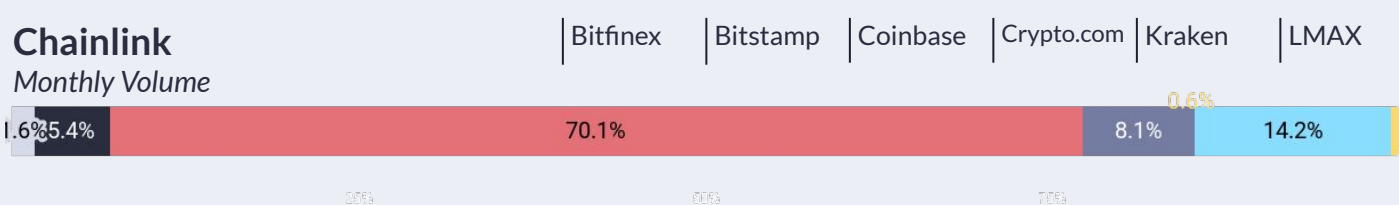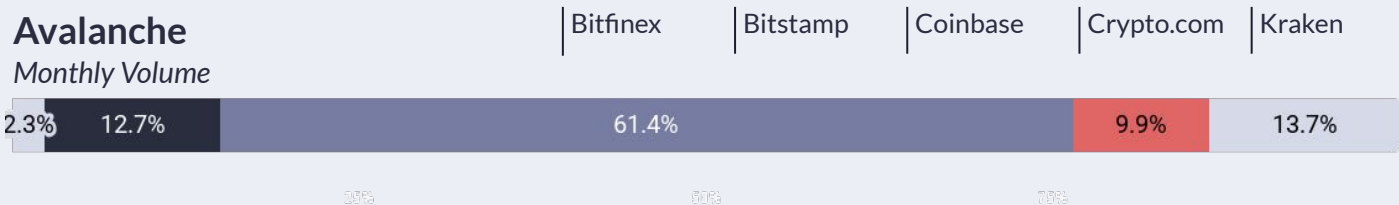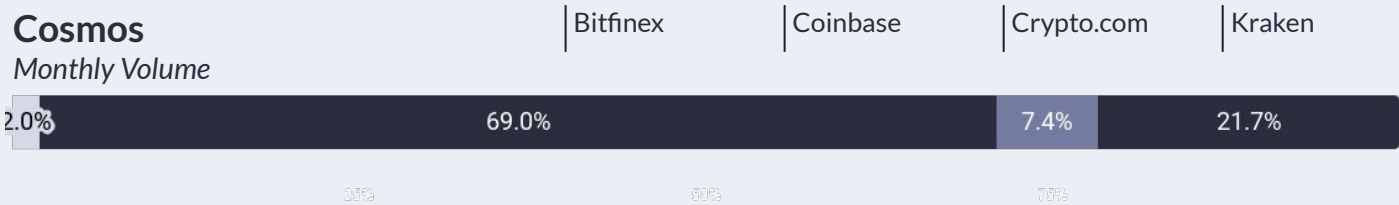| INDEX	Level	USD Returns			Annualized Returns			Volatility		
		1M	3M	YTD	1Y	3Y	5Y	1YR	3YR	5YR
CMBI Bitcoin, Price Return	$113,398.96	4%	17%	20%	79%	70%	57%	49%	48%	60%
CMBI Bitcoin, Total Return	$121,834.52	4%	17%	20%	79%	70%	57%	49%	48%	60%
CMBI Ethereum, Price Return	$3,529.13	36%	92%	5%	13%	29%	56%	74%	62%	78%
CMBI Ethereum, Total Return	$3,831.20	36%	92%	5%	13%	29%	56%	74%	62%	78%
CMBI Litecoin, Price Return	$105.89	21%	21%	0%	58%	22%	11%	82%	73%	88%
CMBI Solana, Price Return	$166.31	9%	12%	-14%	3%	59%	154%	85%	95%	122%
CMBI Aave, Price Return	$258.45	-7%	48%	-19%	136%	40%		108%	87%	127%
CMBI Cardano, Price Return	$0.73	23%	5%	-21%	94%	13%	39%	112%	85%	98%
CMBI Apecoin, Price Return	$0.56	-11%	5%	-55%	-18%	-56%		142%	107%	117%
CMBI Cosmos, Price Return	$4.20	0%	-4%	-36%	-25%	-25%	1%	84%	75%	104%
CMBI Avalanche, Price Return	$21.91	18%	4%	-42%	-11%	-2%		89%	84%	120%
CMBI Polkadot, Price Return	$3.61	1%	-13%	-49%	-30%	-24%		86%	74%	102%
CMBI Chainlink, Price Return	$16.35	19%	11%	-25%	32%	30%	16%	98%	82%	103%
CMBI Uniswap, Price Return	$9.12	23%	75%	-33%	30%	4%		106%	94%	115%

*Performance of indexes prior to their respective launch date is back-tested performance utilizing historical data

Current Constituent Markets*

Bitcoin
Monthly Volume

	Bitstamp	Coinbase	Crypto.com	Kraken	LMAX

7.5%	39.8%	40.8%	6.1%	5.9%

Ethereum
Monthly Volume

	Bitstamp	Coinbase	Crypto.com	Kraken	LMAX

2.7%	35.4%	49.2%	7.7%	5.0%

Litecoin
Monthly Volume

	Bitfinex	Bitstamp	Coinbase	Crypto.com	Kraken	LMAX

3.7%	4.5%	54.4%	7.2%	14.3%	15.9%

Solana
Monthly Volume

	Bitstamp	Coinbase	Crypto.com	Gemini	Kraken

6.0%	59.1%	20.3%	2.5%	12.0%

Aave
Monthly Volume

	Binance	Bitstamp	Coinbase	Kraken	OKX

69.0%	0.6%	16.2%	3.8%	10.5%

Cardano
Monthly Volume

	Bitfinix	Bitstamp	Coinbase	Crypto.com	Kraken

1.2%	5.0%	61.6%	10.5%	21.7%

Apecoin
Monthly Volume

	Binance	Coinbase	Gate.io	Kraken	OKX

55.4%	7.7%	16.8%	1.1%	19.0%

*Performance of indexes prior to their respective launch date is back-tested performance utilizing historical data

Current Constituent Markets*

Cosmos
Monthly Volume

Bitfinex	Coinbase	Crypto.com	Kraken

2.0% | 69.0% | 7.4% | 21.7%

Avalanche
Monthly Volume

Bitfinex	Bitstamp	Coinbase	Crypto.com	Kraken

2.3% | 12.7% | 61.4% | 9.9% | 13.7%

Polkadot
Monthly Volume

Bitfinex	Bitstamp	Coinbase	Crypto.com	Kraken

1.1% 1.6% | 64.0% | 14.2% | 18.3%

Chainlink
Monthly Volume

Bitfinex	Bitstamp	Coinbase	Crypto.com	Kraken	LMAX

1.6% 5.4% | 70.1% | 8.1% | 0.6% | 14.2%

Uniswap
Monthly Volume

Binance	Bitstamp	Coinbase	Kraken	OKX

70.9% | 1.1% | 7.3% | 1.5% | 19.2%

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Calendar Year Performance

INDEX	2024	2023	2022	2021	2020
CMBI Bitcoin, Price Return	120%	157%	-64%	58%	306%
CMBI Bitcoin, Total Return	120%	157%	-64%	58%	306%
CMBI Ethereum, Price Return	46%	90%	-67%	392%	480%
CMBI Ethereum, Total Return	46%	90%	-67%	392%	480%
CMBI Litecoin, Price Return	39%	5%	-51%	16%	203%
CMBI Solana, Price Return	86%	938%	-94%	10918%	
CMBI Aave, Price Return	174%	115%	-79%	188%	
CMBI Cardano, Price Return	42%	141%	-81%	615%	452%
CMBI Apecoin, Price Return	-26%	-55%			
CMBI Cosmos, Price Return	-42%	15%	-70%	402%	48%
CMBI Avalanche, Price Return	-9%	259%	-90%	3631%	
CMBI Polkadot, Price Return	-20%	92%	-84%	205%	
CMBI Chainlink, Price Return	32%	171%	-71%	71%	538%
CMBI Uniswap, Price Return	82%	42%	-69%	234%	

*Performance of indexes prior to their respective launch date is back-tested performance utilizing historical data

Return / Risk Ratio and Drawdown

INDEX	Sharpe Ratio*			Drawdown	
	1YR	3YR	5YR	1YR	3YR
CMBI Bitcoin, Price Return	1.32	1.24	1.03	-56%	-87%
CMBI Bitcoin, Total Return	1.32	1.24	1.03	-56%	-87%
CMBI Ethereum, Price Return	0.49	0.64	0.92	-64%	-73%
CMBI Ethereum, Total Return	0.49	0.64	0.92	-64%	-73%
CMBI Litecoin, Price Return	0.85	0.57	0.55	-60%	-63%
CMBI Solana, Price Return	0.35	0.92	1.33	-62%	-97%
CMBI Aave, Price Return	1.36	0.94	0.78	-77%	-87%
CMBI Cardano, Price Return	1.03	0.49	0.78	-75%	-81%
CMBI Apecoin, Price Return	0.34	0.07	-0.38	-80%	-95%
CMBI Cosmos, Price Return	-0.03	-0.08	0.50	-64%	-78%
CMBI Avalanche, Price Return	0.23	0.51	0.83	-71%	-86%
CMBI Polkadot, Price Return	-0.09	0.04	0.40	-71%	-72%
CMBI Chainlink, Price Return	0.71	0.68	0.61	-69%	-83%
CMBI Uniswap, Price Return	0.72	0.53	0.71	-74%	-79%

*Performance of indexes prior to their respective launch date is back-tested performance utilizing historical data

Specifications

	CMBI Bitcoin	CMBI Ethereum	CMBI Litecoin	CMBI Solana	CMBI Avalanche
Launch Date	Jan 1, 2020	Jan 1, 2020	Mar 12, 2021	Sep 1, 2021	May 13, 2022
Base Date	Jul 18, 2010	Aug 8, 2015	Apr 1, 2013	Apr 11, 2020	Sep 23, 2020
Base Value	$0.0808	$0.5320	$1.2922	$0.8175	$5.2384
Calculation Currencies	USD	USD	USD	USD	USD

	CMBI Aave	CMBI Cardano	CMBI Apecoin	CMBI Cosmos	CMBI Polkadot
Launch Date	May 13, 2022	Jun 8, 2022	May 13, 2022	May 13, 222	May 13, 2022
Base Date	Oct 10, 2020	Dec 1, 2017	Apr 1, 2022	Apr 23, 2019	Mar 12, 2020
Base Value	$51.0800	$0.1220	$12.7200	$3.8179	$35.1454
Calculation Currencies	USD	USD	USD	USD	USD

	CMBI Chainlink	CMBI Uniswap
Launch Date	May 13, 2022	May 13, 2022
Base Date	Sep 29, 2017	Sep 18, 2020
Base Value	$0.2427	$3.6543
Calculation Currencies	USD	USD

Contact Us

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