

## CMBI Single Asset Indexes

The CMBI Single Asset Indexes provide 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. Currently, CMBI Single Asset Indexes include Bitcoin and Ethereum. 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

### Current Constituent Markets\*

#### Bitcoin:

bitFlyer | Bitstamp | Bittrex | Coinbase | Gemini | itBit | Kraken

#### Ethereum:

Bitstamp | Bittrex | Coinbase | Gemini | itBit | Kraken

\* Constituent markets have been selected using the Coin Metrics Market Selection Framework

## Features

### Coverage

The CMBI Single Asset Index Series provides coverage for Bitcoin and Ethereum.

### 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.

### Investability

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

### Transparent

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

### Price

Indexes are calculated based on price and total returns.

### Availability

Single Asset Indexes produce two differently calculated prices:

- Intraday prices that are available every 15 seconds
- Close prices that are available at end of day.

### Performance and Volatility

| Name                              | Level      | USD Returns |     |     | Annualized Returns |      |      | Volatility* |      |     |
|-----------------------------------|------------|-------------|-----|-----|--------------------|------|------|-------------|------|-----|
|                                   |            | 1M          | 3M  | YTD | 1 YR               | 3 YR | 5 YR | 1YR         | 3YR  | 5YR |
| CMBI Bitcoin Index, Price Return  | \$8,656.05 | -7%         | 15% | 21% | 128%               | 94%  | 102% | 73%         | 83%  | 72% |
| CMBI Bitcoin Index, Total Return  | \$9,299.96 | -7%         | 15% | 21% | 128%               | 98%  | 105% | 73%         | 83%  | 72% |
| CMBI Ethereum Index, Price Return | \$224.25   | 25%         | 49% | 75% | 66%                | 142% | N/A  | 83%         | 112% | N/A |
| CMBI Ethereum Index, Total Return | \$243.45   | 25%         | 49% | 75% | 66%                | 148% | N/A  | 83%         | 112% | N/A |

\* Volatility is calculated using the standard deviation of daily returns data

### Calendar Year Performance (% USD)

| Index                             | 2019 | 2018 | 2017   | 2016 | 2015 |
|-----------------------------------|------|------|--------|------|------|
| CMBI Bitcoin Index, Price Return  | 94%  | -74% | 1,367% | 124% | 36%  |
| CMBI Bitcoin Index, Total Return  | 94%  | -74% | 1,477% | 124% | 36%  |
| CMBI Ethereum Index, Price Return | -2%  | -82% | 9,134% | 742% | N/A  |
| CMBI Ethereum Index, Total Return | -2%  | -82% | 9,924% | 742% | N/A  |

### Return / Risk Ratio and Drawdown

| Name                              | Sharpe Ratio* |      |      | Drawdown (%) |      |      |
|-----------------------------------|---------------|------|------|--------------|------|------|
|                                   | 1 YR          | 3 YR | 5 YR | 1 YR         | 3 YR | 5 YR |
| CMBI Bitcoin Index, Price Return  | 1.49          | 1.19 | 1.32 | -52%         | -84% | -84% |
| CMBI Bitcoin Index, Total Return  | 1.49          | 1.22 | 1.34 | -52%         | -84% | -84% |
| CMBI Ethereum Index, Price Return | 1.05          | 1.34 | N/A  | -65%         | -94% | N/A  |
| CMBI Ethereum Index, Total Return | 1.05          | 1.37 | N/A  | -65%         | -94% | N/A  |

\* Sharpe Ratio is based on daily return data and daily 3 month US Treasury data

### Specifications

|                        | CMBI Bitcoin Index | CMBI Ethereum Index      |
|------------------------|--------------------|--------------------------|
| Launch Date            | January 1, 2020    | January 1, 2020          |
| Base Date              | July 18, 2010      | August 9, 2015           |
| Base Value             | \$0.0808, 1 BTC    | \$0.5320, 0.00197695 BTC |
| Calculation Currencies | USD, BTC           | USD, BTC                 |

## Contact Us

### To learn more, visit

[coinmetrics.io/cmbi-indexes](https://coinmetrics.io/cmbi-indexes)

### CMBI Services

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