



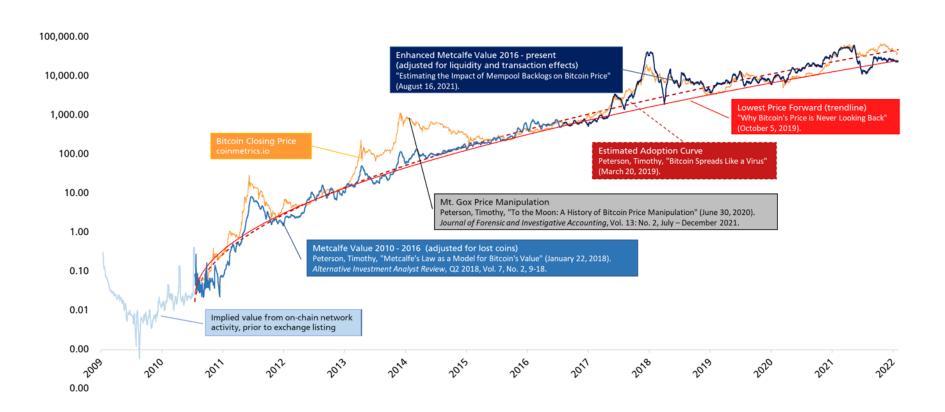
BITCOIN

VALUATION METRICS

Bitcoin – Valuation Fundamentals



Bitcoin Price, Network Value, and Adoption Curve











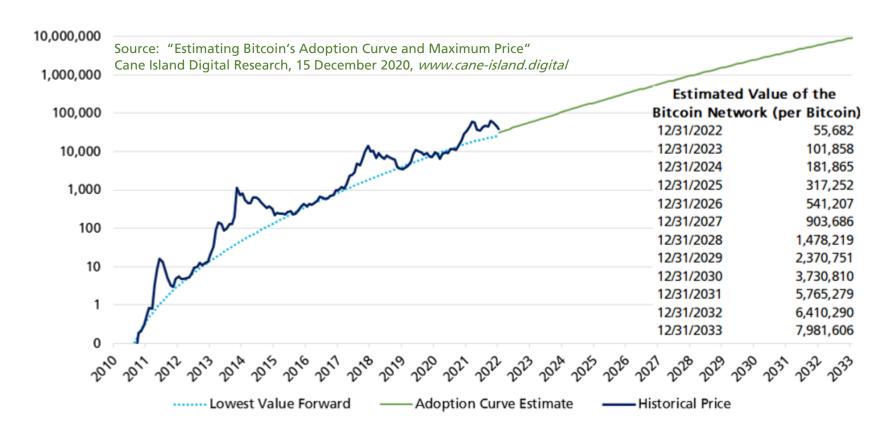




Bitcoin – Adoption Drives Long-Term Price



Bitcoin Price and Metcalfe Value (Trended) from Adoption Rate



Bitcoin – Transaction Volume Drives Short-Term Price



Mempool Size and Bitcoin Price











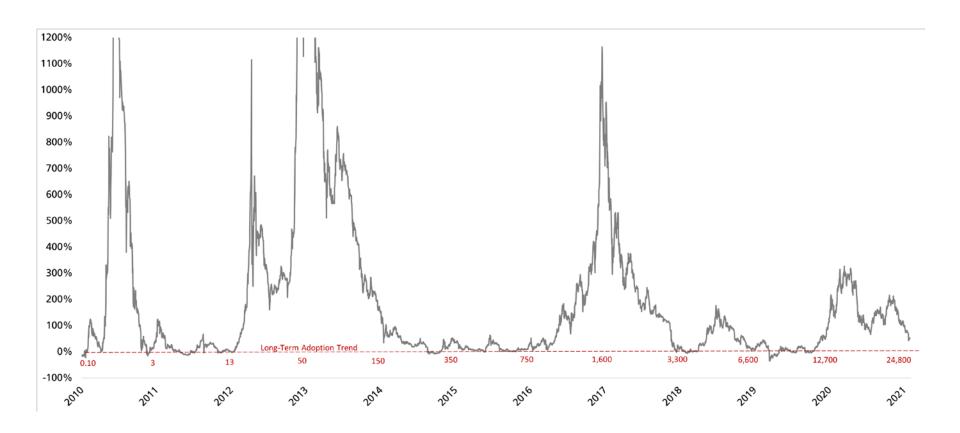




Bitcoin - Price to Network Size



Bitcoin Price and Its Long-Term Estimated Adoption Curve











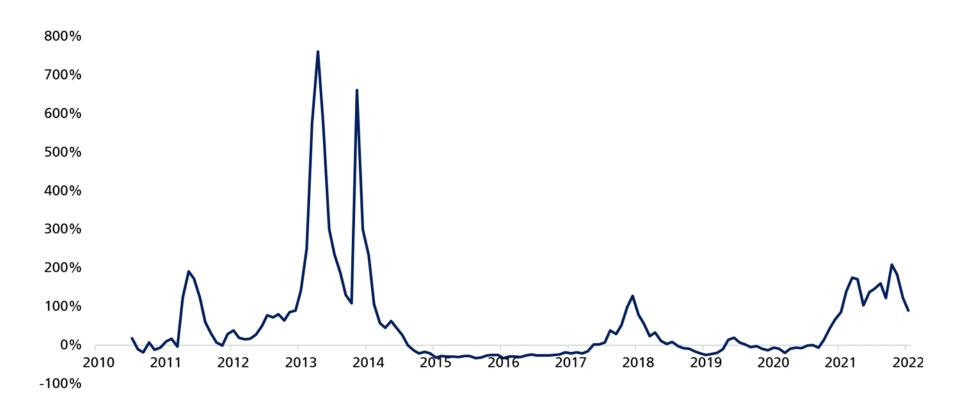




Bitcoin - Price to Network Size



Bitcoin Price to Hash Rate, Detrended











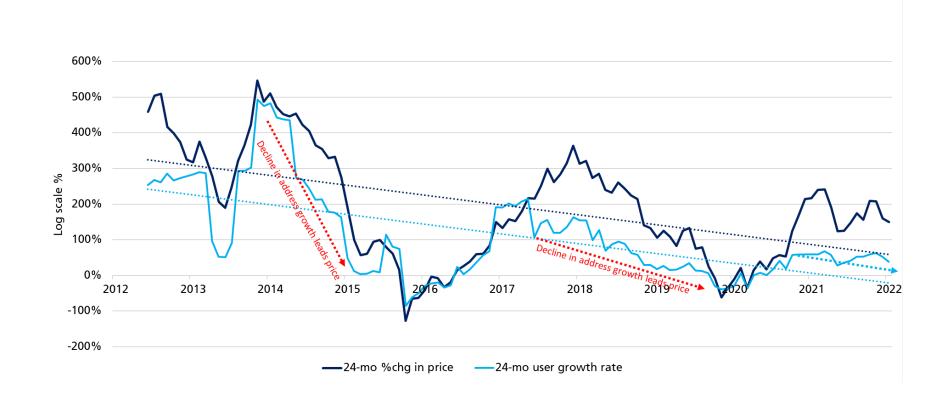




Bitcoin – Price to Network Size



Bitcoin Trailing Return vs. User Growth (Non-zero Addresses)





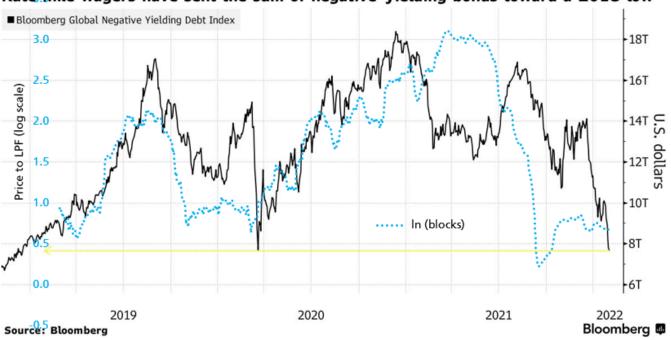
Bitcoin – Market Comparisons



Bitcoin Mempool Size (Demand Backlog) and Negative Yielding Debt

Dwindling Pile

Rate hike wagers have sent the sum of negative-yielding bonds toward a 2018 low



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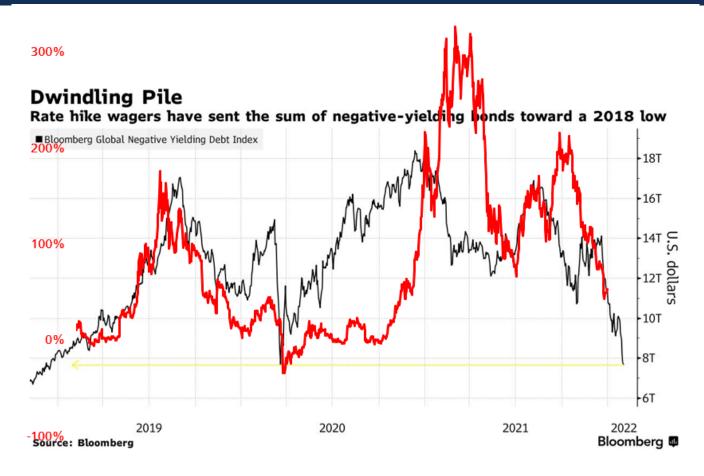
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Bitcoin – Market Comparisons



Bitcoin Price to Adoption Value and Negative Yielding Debt









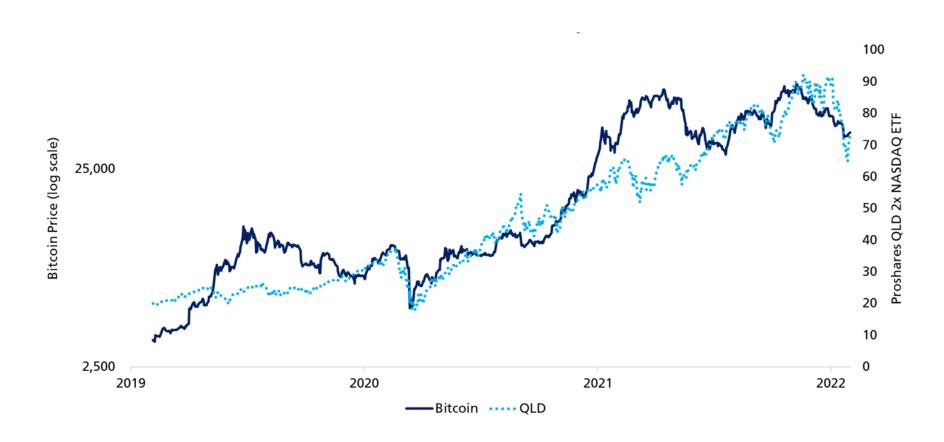


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Bitcoin – Market Comparisons



Bitcoin (log scale) and 2x Leveraged NASDAQ ETF



Bitcoin – Technical Indicators



Bitcoin Price to 200-day Moving Average (Mayer Multiple)

















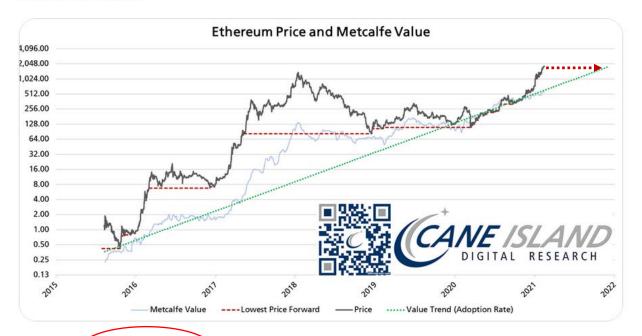
Ethereum – Adoption Drives Long-Term Price



Metcalfe's Law and Technology Adoption



#Ethereum

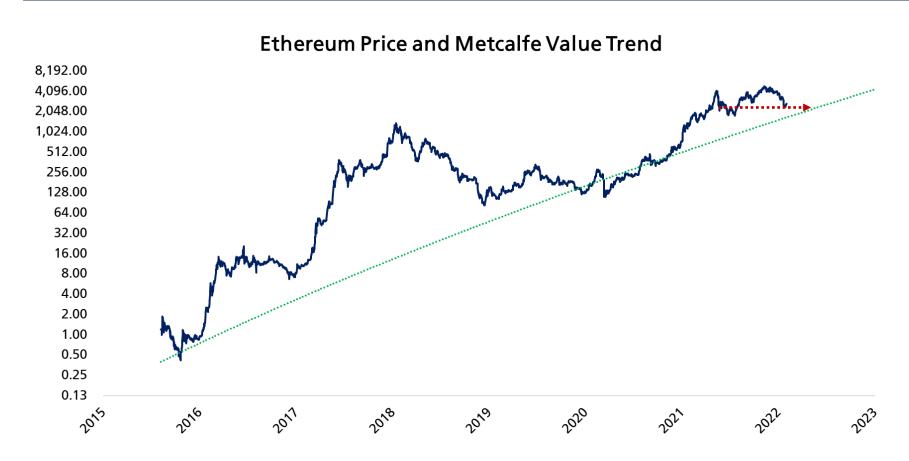


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Ethereum – Adoption Drives Long-Term Price



Metcalfe's Law and Technology Adoption



Market Comparisons

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Timothy F. Peterson, CFA, CAIA



Timothy is the founder of and portfolio manager for Cane Island Alternative Advisors, which manages a global macro investment strategy. Timothy is an expert on cryptocurrency investment and valuation. His experience includes serving as CFO for a Houston-based financial firm where he had responsibility for co-managing an option-hedged equity strategy.

His 30+ years in investment management include portfolio management, investment strategy evaluation, and investment software design.

Timothy authored the very popular "Metcalfe's Law as a Model for Bitcoin's Value," as well as a book "Performance Measurement for Alternative Investments" (Risk Books: 2015). He and has spoken at conferences around the world.

He is a dual graduate of the University of Colorado with a Master of Science Degree in Finance and a Bachelor of Arts degree in Economics. Timothy is a Chartered Financial Analyst and Chartered Alternative Investment Analyst. He works from an office in the Houston, Texas area.





Cane Island Alternative Advisors is located west of Houston in Katy, Texas. In the mid-1800s, Katy was known as Cane Island. Katy is the home of Igloo Corporation, Academy Sports & Outdoors, and is known as the energy executive capital of the world.

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Network Metric

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