



HEX

2022 Data Report

Community Built Presentation of Data as of 12/31/2022

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1,125 HEX Days Of Flawless Operation

Smart Contract Launch

HEX Adoption Amplifier and free claim open. BTC holders that held BTC in their private wallets during the snapshot on December 2 at 00:00:00

UTC



December 3rd, 2019

January 5th, 2020



All Time Low (ATL)

Date of the ATL, **.00006**, recorded on Uniswap, a DeFi Automated Market Maker (AMM)

Big Payday

End of the 50 week launch phase. The Adoption Amplifier and BTC free claim ends



November 19th, 2020

September 18th, 2021



All Time High (ATH)

Date of the ATH, **.483** recorded on Uniswap, a DeFi Automated Market Maker (AMM)



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Key Measures - 2022

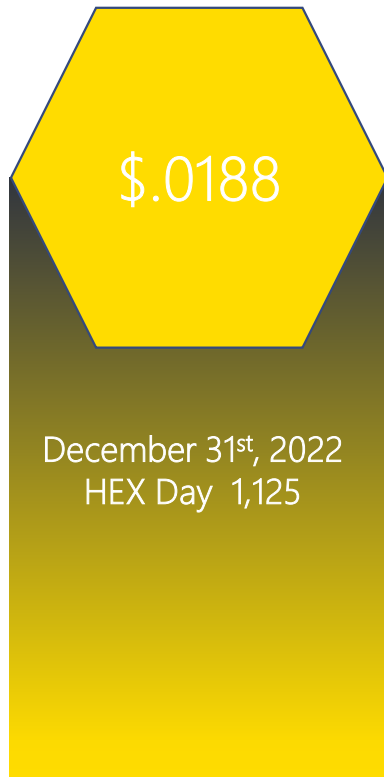
Measure	Definition	Value
Days since launch	HEX Days from launch	1,125
Average APY (%)	Average APY (%) of all open stakes	36.82%
Current Price (USD)	AMM Price from 12/31/2022	.0187
All Time Low (ATL)	Date	1/5/2020
	Days From	1,091
	AMM Price	.00006
	% Change	+31,166%
All Time High (ATH)	Date	9/18/2021
	Days From	469
	AMM Price	.483
	% Change	-96.1%
Circulating Supply (HEX)	Amount	580.8bn
	% Change 2022	+0.80%
Minted Inflation (HEX)	Amount 2022	8.25bn
	% Change 2022 YOY	-11.%
Number of Holding Addresses	Number	315,401
	% Change 2022	+13.13%

Measure	Definition	Value
Number of Staking Addresses	Number	116,803
	% Change 2022	+58.98%
Number of Stakes (Open and Ended)	Number	741,734
	% Change 2022	+25.77%
Staked HEX	Number	64.77bn
	% Change 2022	+5.97%
T-Share Rate (HEX)	Number	25,394
	% Change 2022	+27.30%
Base Cost per T-Share (USD)	Value	\$477.34
	% Change 2022	-92.44%
Number of T-Shares	Number	10.23M
	% Change 2022	-4.04%
Theoretical Maximum T-Shares	Number	81.2M
	% Change 2022	-18.9%
Penalties (HEX)	Number	1.298bn
	% Change 2022 YOY	-11.09%
Daily Payout (HEX)	365 Day Average	6.259
	% Change 2022	+5%

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HEX Price Data

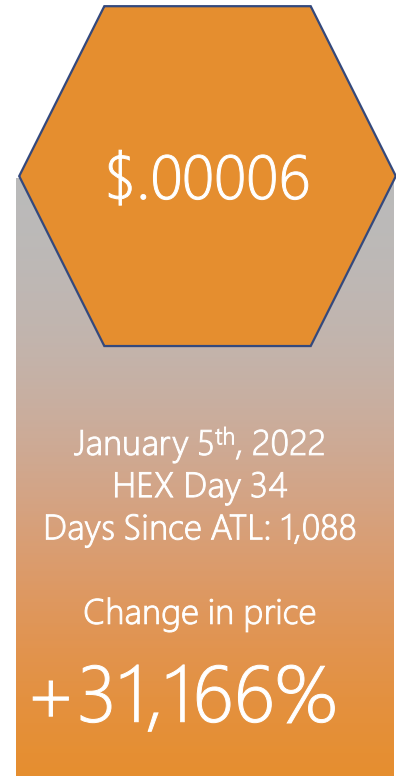
CURRENT PRICE



ALL TIME HIGH (ATH)



ALL TIME LOW (ATL)



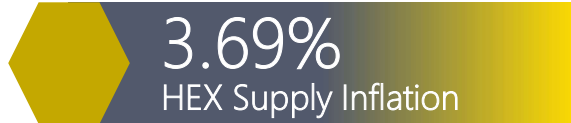
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HEX Price Data

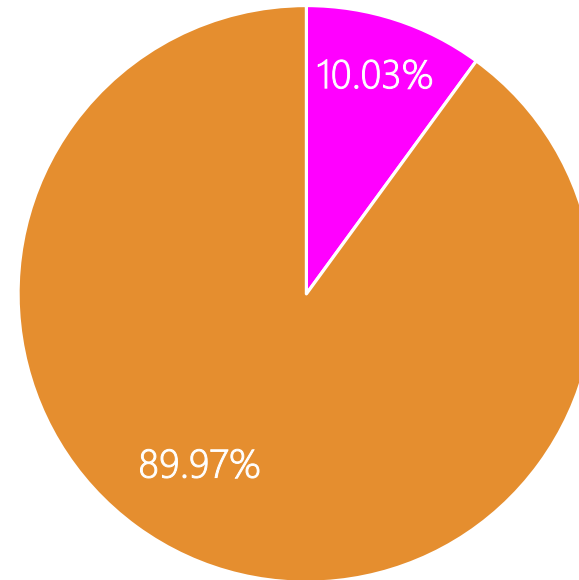
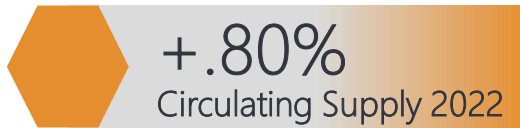


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Circulating And Staked Supply



HEX inflates at 3.69% per year. To calculate daily inflation:
(Circulating + Locked HEX) X .009955



- Staked HEX - 64.77bn
- Circulating HEX - 580.83bn

Year	Circulating	%	Staked	%
2022	580.8bn	+.80%	64.77bn	+5.97%
2021	576.2bn	+1.64%	61.12bn	+.06%
2020	567.0bn		61.08bn	

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Circulating Supply

Circulating Supply by Year and Month



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Active Addresses

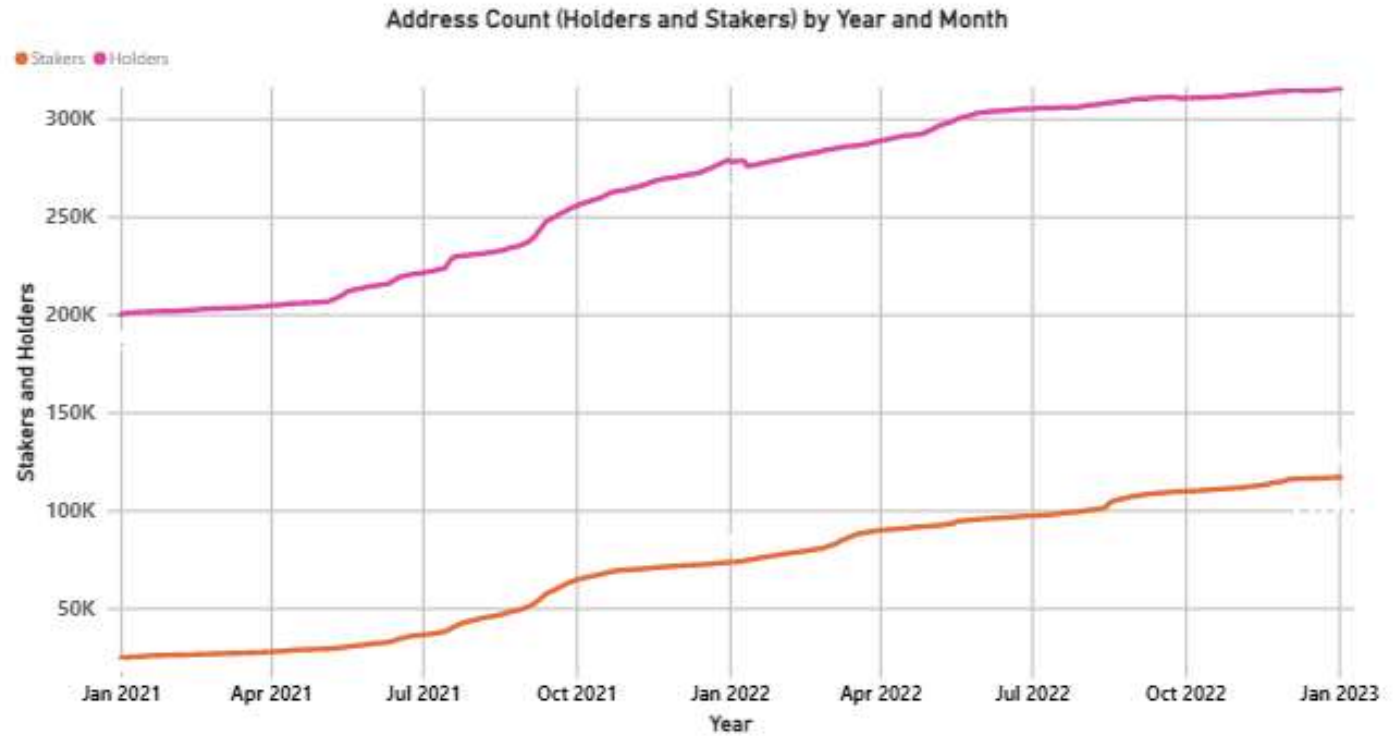
+13.13%
Holders Increase 2022

Addresses holding HEX

+58.98%
Stakers Increase 2022

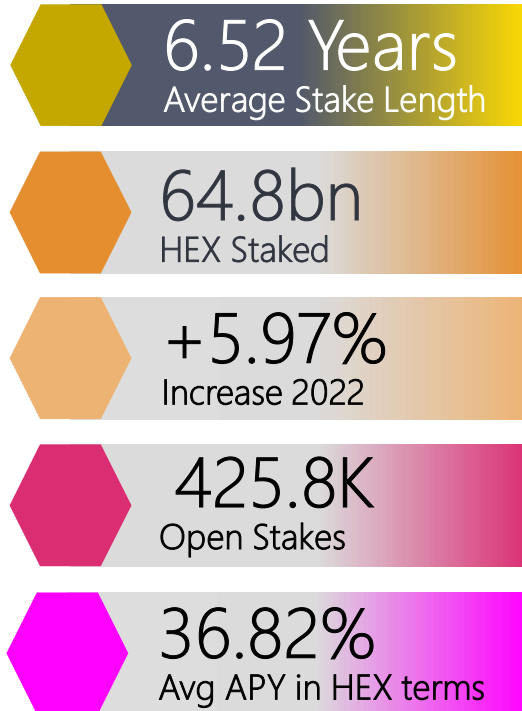
Addresses staking HEX

Year	Holders	%	Stakers	%
2022	315,401	+13.13%	116,803	+58.98%
2021	278,802	+39.54%	73,469	+201.2%
2020	199,796		24,392	

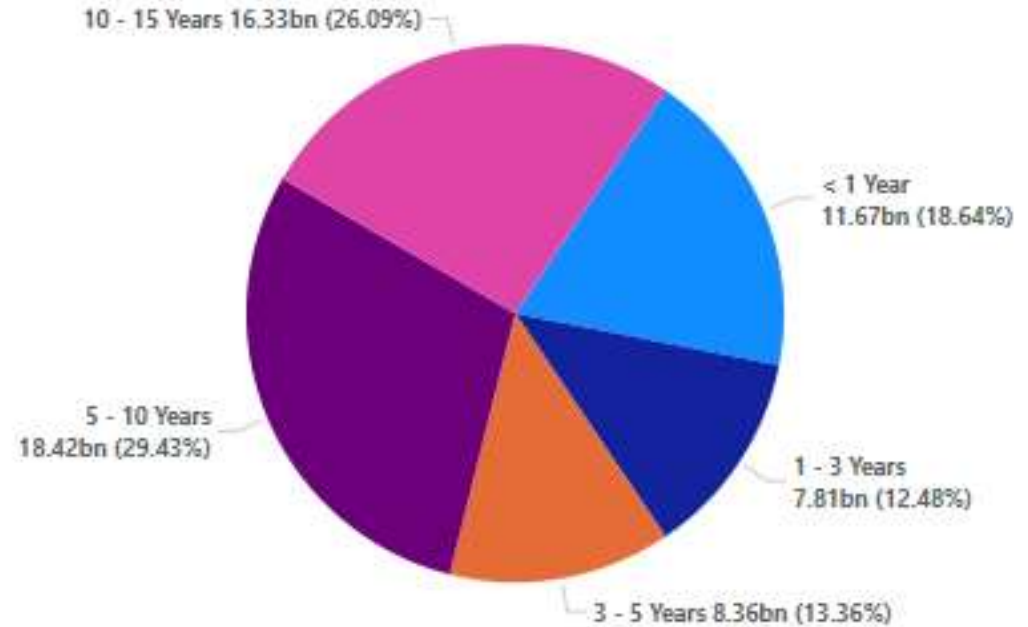


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Staked HEX



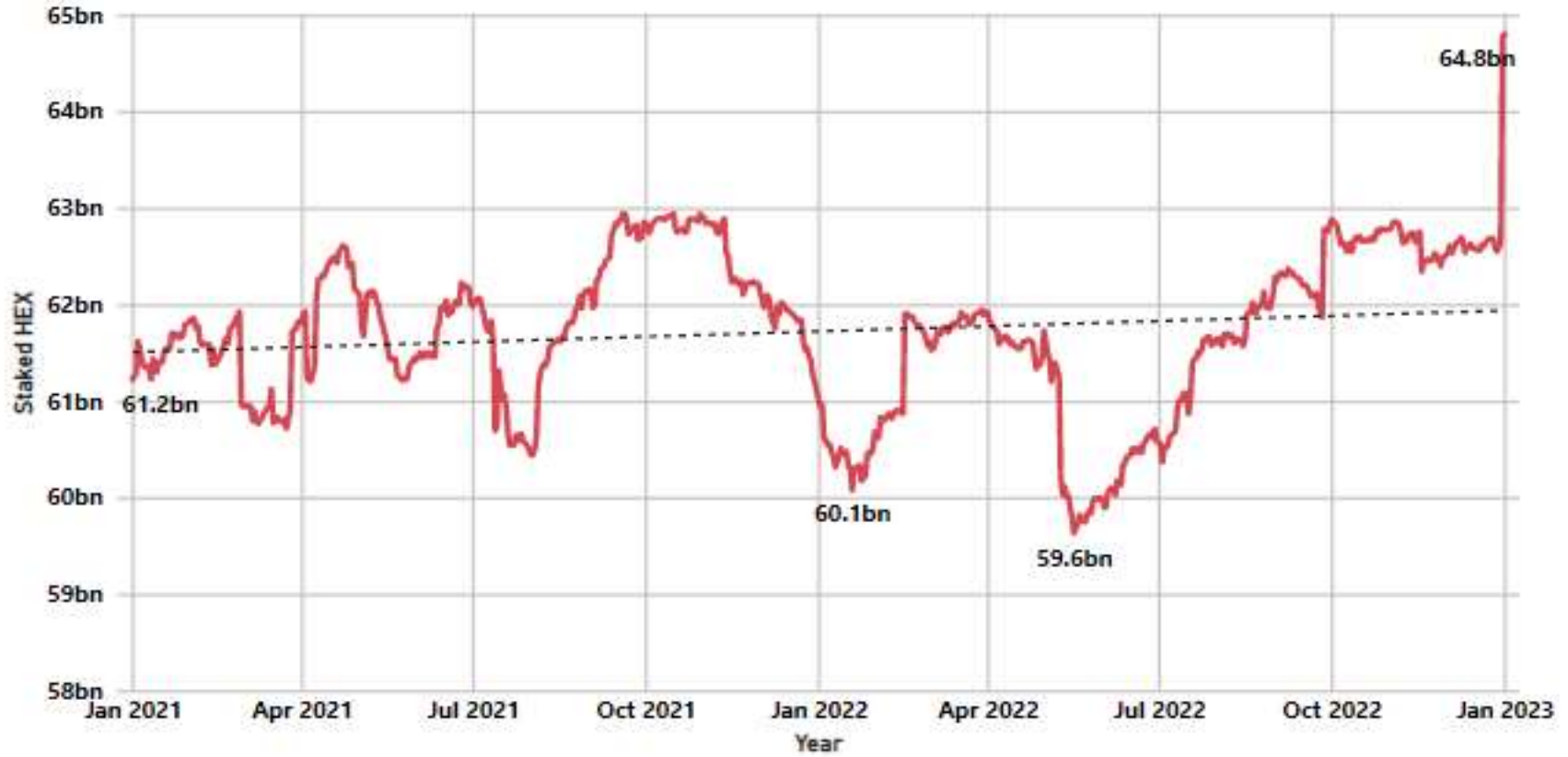
Sum HEX by Years Staked - Stakes Currently Open, Not Good Accounted



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Total HEX Staked

Total HEX Staked by Year and Month

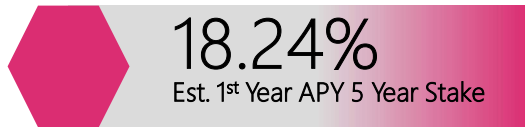
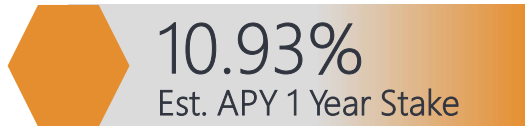


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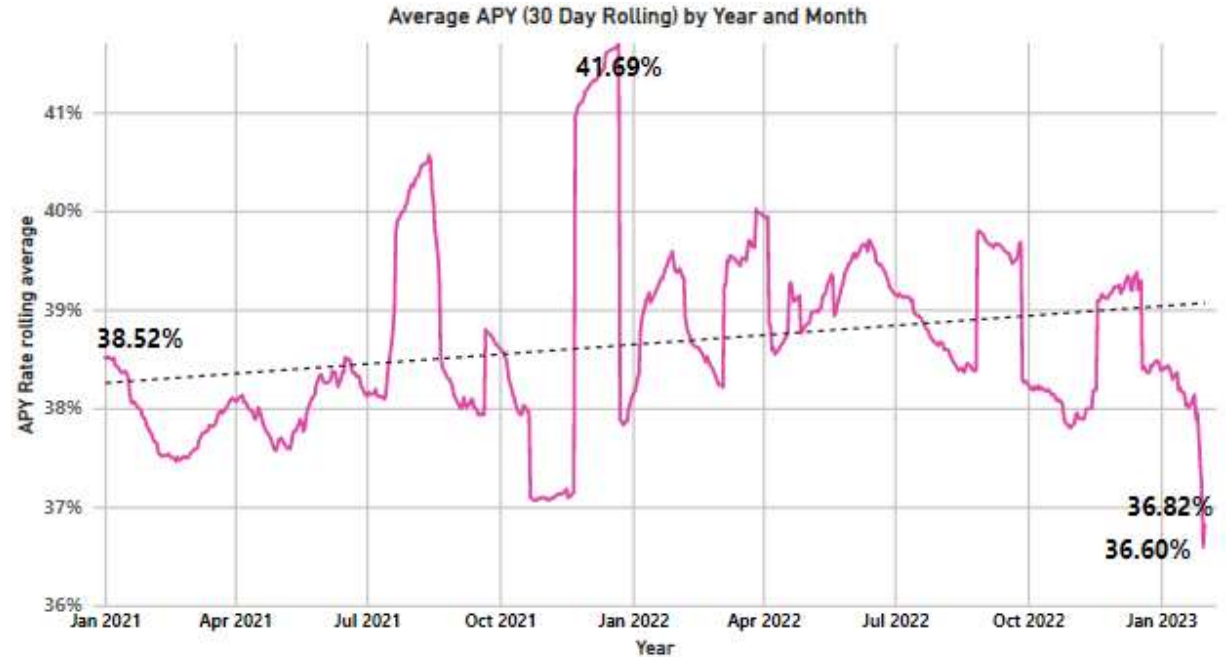
HEX Staking APY



Average APY on all open stakes



These estimates are for new stakes and use the current 180 Day Average of Daily Payout to calculate yield. Staking behavior (Staking, Penalties, etc..) directly affects the payout. This is the APY projected per year if the Daily Payout remained equal to the 180 Day Average



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T-Share Rate



25,394

HEX Per T-Share

Year End	HEX	USD
2022	+ 27.30%	- 92.44%
2021	+ 20.25%	+ 4,002%
2020	+ 65.57%	+ 17,792%
2019	+ .19%	- 87.97%



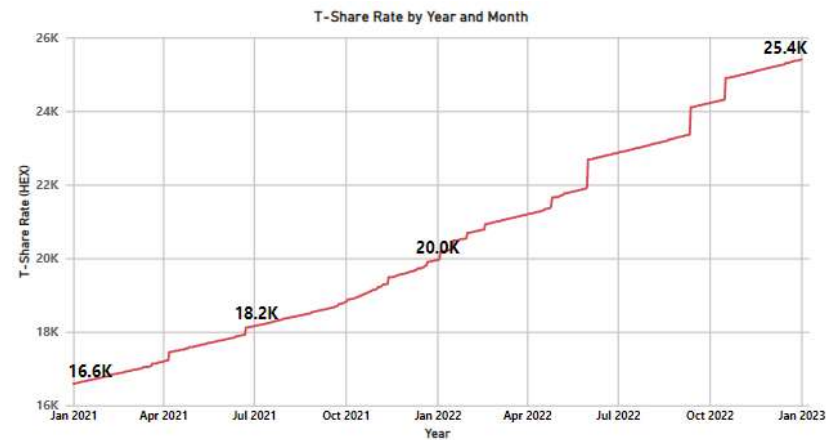
\$ 477

Base Cost Per T-Share

2023 Est. T-Share Rate Increase

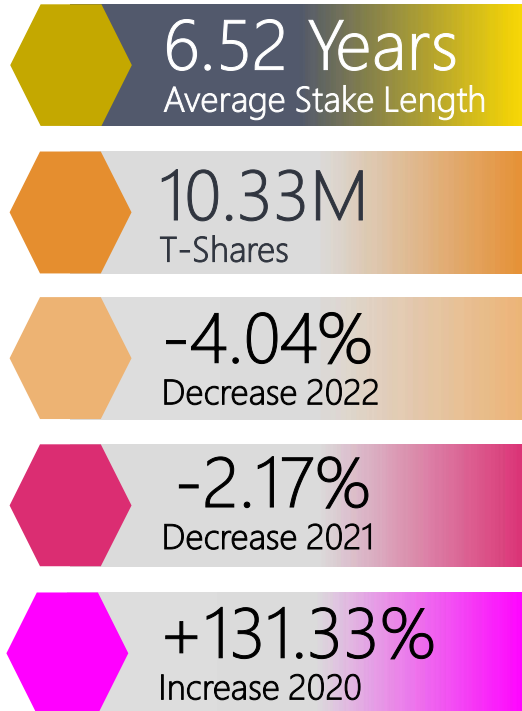
Based on staking behavior the T-Share Rate may increase +22% (in terms of HEX per T-Share) during 2023

22%

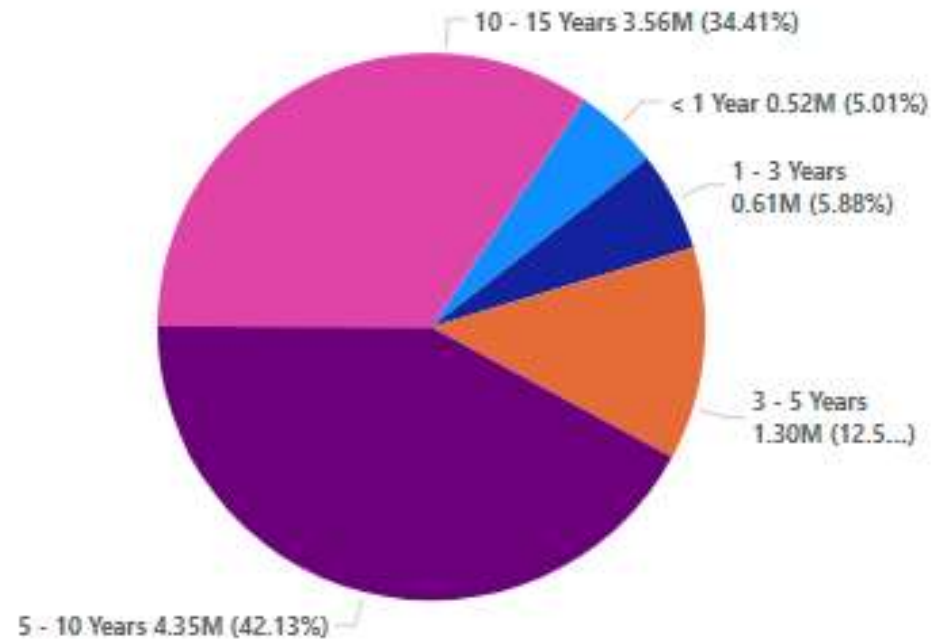


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HEX T-Shares



Sum T-Shares by Years Staked - Stakes Currently Open, Not Good Accounted



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Total T-Shares



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Theoretical Maximum T-Shares

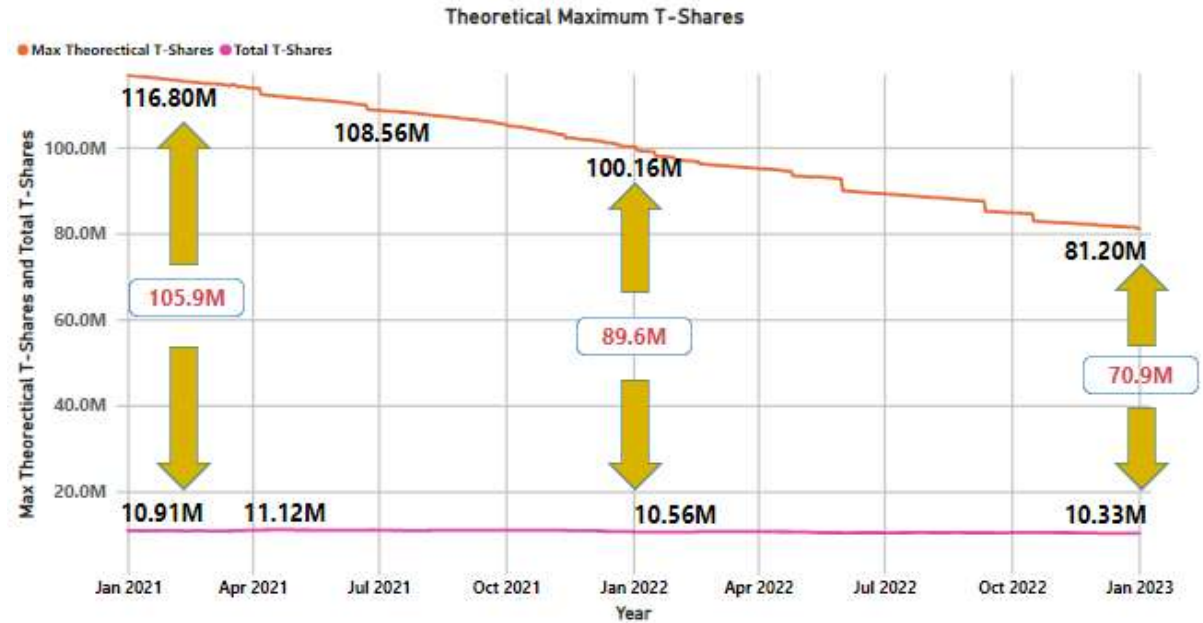
81.2M
Theoretical Maximum

The theoretical number of shares that can exist at any given day by staking the entire circulating supply plus existing shares.

As the T-Share rate rises, the theoretical maximum drops, making shares increasingly rare.

-18.92%
Decrease 2022

-15.39%
Decrease 2021



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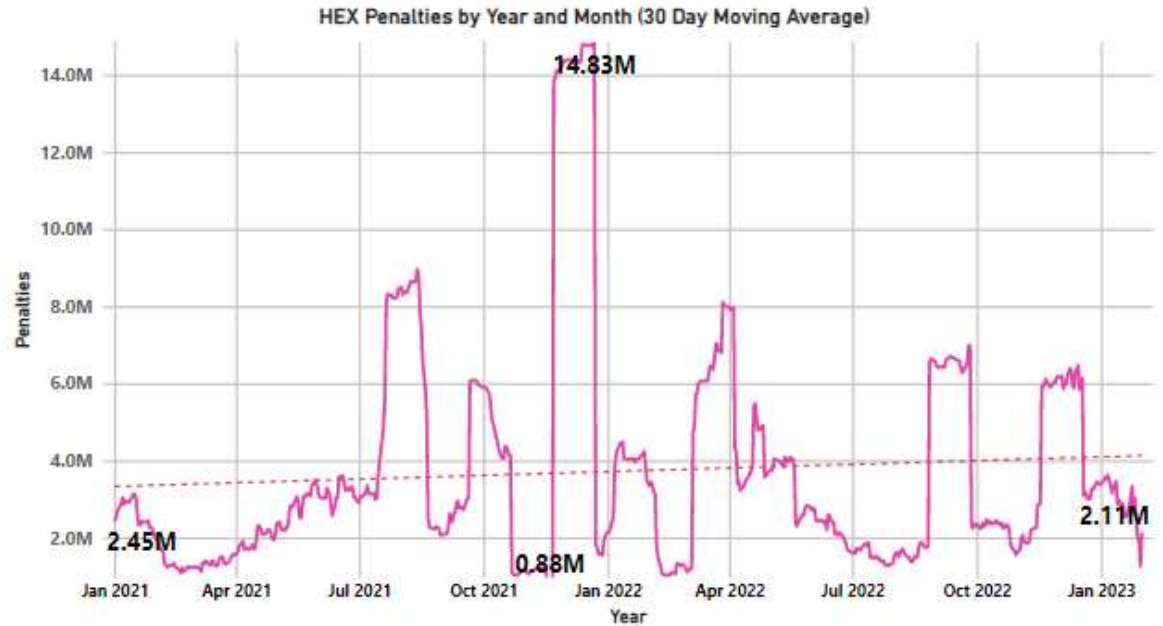
HEX Penalties

1.29bn
HEX Penalties in 2022

Penalties are accrued when Stakers Emergency End Stake (EES), End Stake Late (after a 2-week grace period) or when the Good Accounting function is run on an expired stake.

-11.09%
Decrease 2022

-24.99%
Decrease 2021



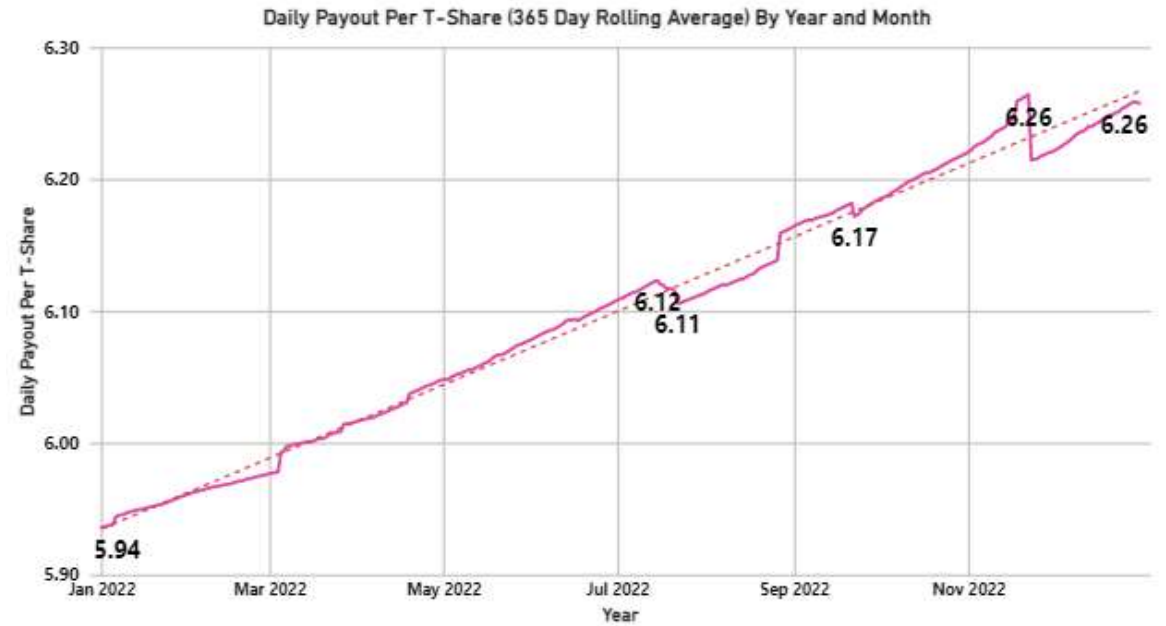
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HEX Daily Payouts

6.26 HEX
Per T-Share (365 DMA)

Yield is distributed to stakers according to the number of shares allocated to each stake. This measure uses the 365 Day Rolling Average.

+5.39%
Increase 2022



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Glossary Of Terms

- **Address:** Ethereum address that has interacted with the HEX contract
- **Allocated Supply:** The supply of HEX circulating plus HEX staked.
- **Automated Market Maker (AMM):** An Automated Market Maker is a smart contract that exchanges liquidity between token swappers and liquidity providers on a decentralized exchange.
- **Annual percentage yield (APY):** The is the real rate of return earned
- **All time high (ATH):** The all-time high closing price.
- **All time low (ATL):** The all-time low closing price.
- **Big Payday (BPD):** The HEX Big Pay Day, a distribution of bonuses to stakers, happened on day 353 after the HEX contract started.
- **Circulating Supply:** The supply of HEX circulating; not staked.
- **Daily Payout:** The amount of inflation paid daily to stakers.
- **Deferred Inflation:** Yield allocated to stakes not yet ended.
- **Decentralized Finance (DeFi):** Decentralized finance (DeFi) is an emerging financial technology based on secure distributed ledgers.
- **Emergency End Stake (EES):** Refers to ending a HEX stake early.
- **End Stake:** HEX contract function which removes shares from the payout pool, mints HEX and ends the stake.
- **Expired Stake:** A HEX stake past its expected end date which has not been ended.
- **Good Account (GA):** HEX contract function which removes shares from the payout pool but does not end the stake.
- **Heart:** Smallest denomination/division of HEX. 1 HEX = 100M Hearts
- **HEX Day:** The number of days since the HEX contract launched.
- **HEX:** Hex is an Ethereum-based token (ERC-20)
- **HEXFIRE.IO:** A community run data reporting website. It utilizes publicly available blockchain information from various 3rd party sources.
- **Holder:** An address which holds circulating HEX.
- **Locked Hearts:** Hearts staked within the HEX contract.
- **Minted Inflation:** Inflation minted through the end stake function.
- **Penalties:** A amount of HEX forfeited due to ending a stake early or late.
- **Stake:** A digital representation of the number of HEX committed to through staking for a specific amount of time.
- **Staked HEX:** HEX tokens staked within the HEX contract.
- **Staker:** An address that has staked HEX.
- **Staking:** The process of locking HEX to support the product. When you "stake" HEX that you own, promising to leave them untouched for specified amount of time, you can earn yield.
- **Supply Inflation:** The HEX Contract produces yield in the form of HEX. When the HEX is minted, it is added to the circulating supply.
- **Theoretical Maximum T-Shares:** The maximum number of T-Shares which could be allocated by staking all circulating HEX in one stake for the longest period.
- **Total Supply:** In the HEX contract this is the equivalent to circulating supply.
- **T-Share:** Represents 1 Trillion shares; shares are used as a digital placeholder to allocate daily yield.
- **T-Share Rate:** The amount of HEX needed to allocate 1 Trillion shares to a stake if staked for 1 day.
- **Uniswap:** Uniswap is an Automated Market Maker (AMM).
- **Year Over Year (YOY):** Year-over-year is a frequently used financial comparison for looking at two or more measurable events.

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- **HEXFIRE.IO**, <https://www.hexfire.io>
- **Uniswap Protocol**, <https://uniswap.org/>



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