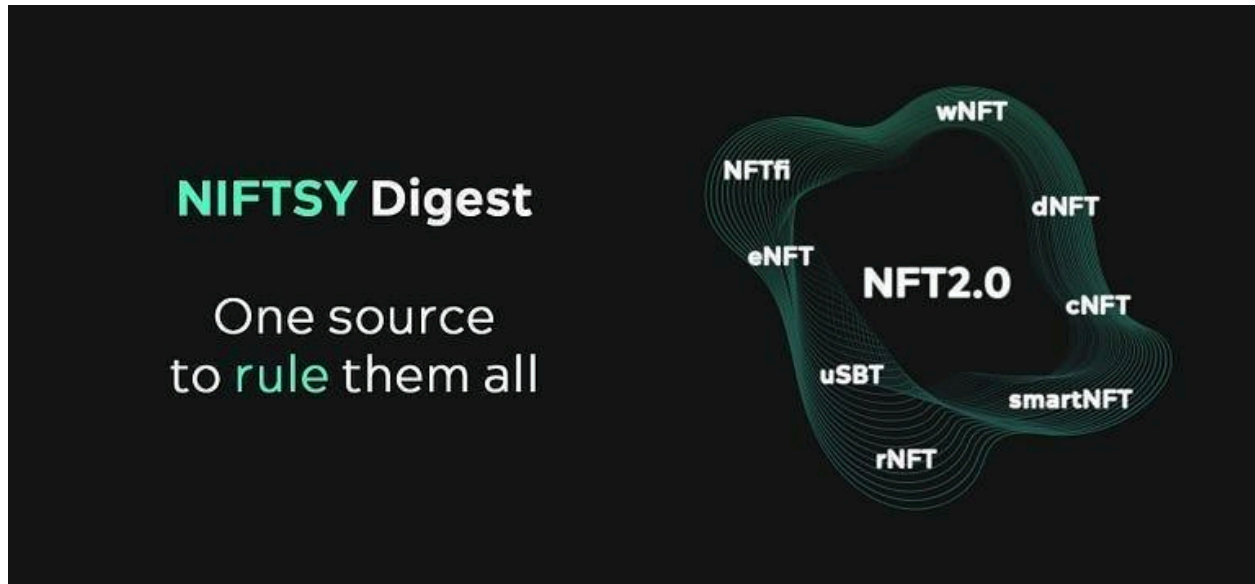




## NIFTSY NFT Digest vol. 31 (January)

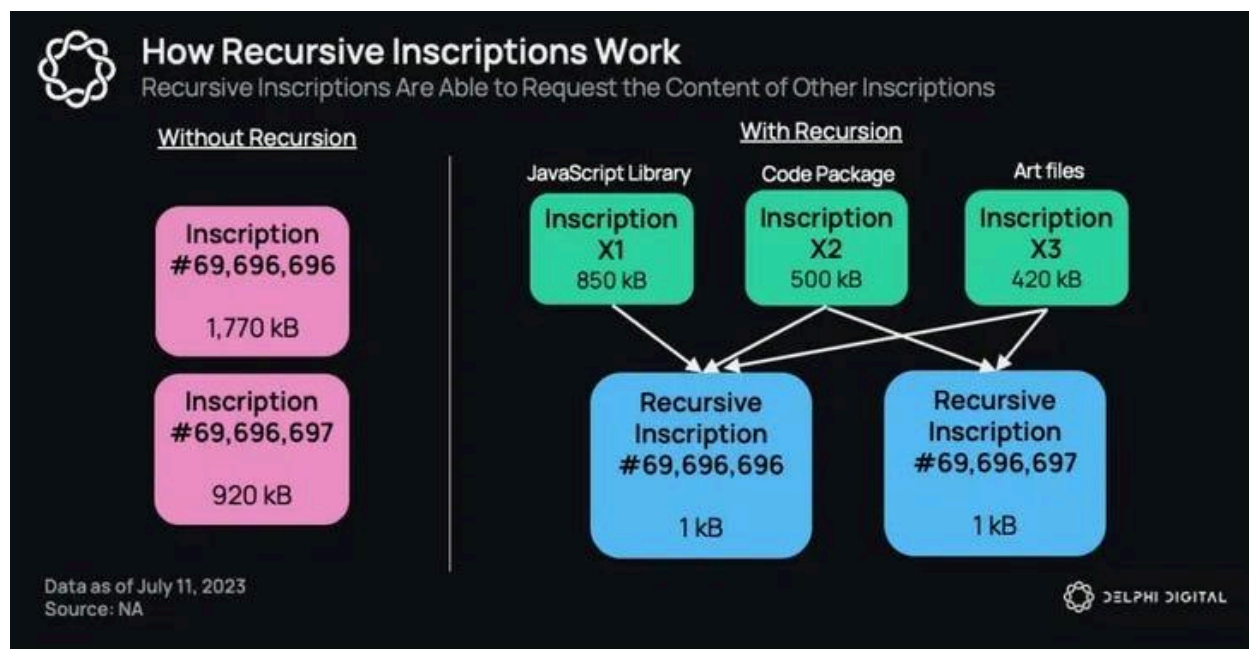


## An Intro to Recursive Bitcoin Inscriptions

[Source](#)

Minting Ordinals entails inscribing data — images, videos, texts, game emulators, etc. — onto satoshis, the smallest denomination of Bitcoin.

*In the context of Ordinals, then, recursion refers to the ability of one inscription to access and use the content of other inscriptions.*



## Recursive Bitcoin Inscriptions

This technique can be achieved by tapping specific “recursive endpoints,” like `r/sat`, which is usable for fetching the initial 100 inscription IDs on a particular satoshi. Accordingly, **recursive Bitcoin inscriptions allow projects to effectively bypass the typical data limitations of Bitcoin’s 4 MB block size limit**, enabling more extensive and intricate digital creations atop the OG blockchain. This method has also notably paved the way for composability and dynamism in Bitcoin NFTs, as recursive inscriptions work well for things like sharing resources (openly usable audio, code, images, etc. on Bitcoin) and content remixing (modifying existing inscriptions on Bitcoin).

## The Recursive Inscriptions Landscape

Initially, Ordinals were siloed content — an inscription wasn’t aware of anything but itself, so to speak.

Then the OnChainMonkey (OCM) project helped pioneer the recursion method with the design of its [OCM Dimensions](#) collection, which it first inscribed on Bitcoin back in February 2022.



In deploying the OCM Dimensions, the OCM team uploaded the p5.js creative coding library via inscriptions and then used recursive inscriptions to ping p5.js to build out the collection. This innovation expanded the landscape of possibilities around Ordinals and led to a surge of new creative efforts, like [generative art releases](#), on Bitcoin.

The popularization of recursion led the developers of the ord protocol, the system underlying Ordinals, to officially integrate recursive inscriptions starting with the ord [0.6.2](#) and [0.11.0](#) updates.

Since then, a range of projects have begun embracing recursive inscriptions toward new ends. One area where this method is gaining a lot of traction presently is in Bitcoin's PFP sector, where collections have started uploading their traits via inscriptions and then using recursive inscriptions to build out 1,000s of unique digital collectibles.

A team breaking ground here right now is [Bitcoin Pizza Ninjas](#), which is using recursive inscriptions for its [art generation and upgradeable traits](#). The builders have even deployed a [Super Nintendo emulator](#) on Bitcoin that its ninja characters can play within via recursive inscriptions.

## Holiday Traits

Special edition Ninja traits dynamically update on every Ninja PFP throughout the year. Introducing unexpected joy and novelty into the collection, giving holders something to discuss and celebrate as the seasons change.



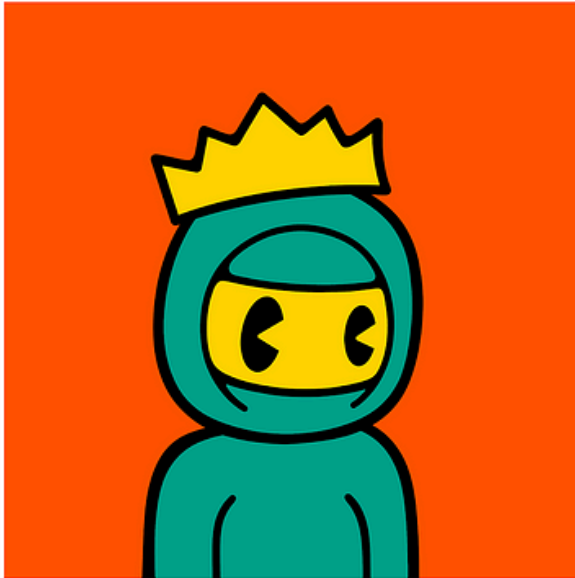
Halloween



Christmas



New Year's



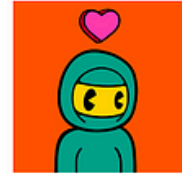
My Ninja



Ordinals  
Birthday



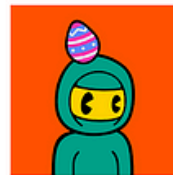
Chinese  
New Year



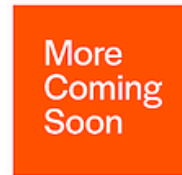
Valentine's



St. Paddy's



Easter



More  
Coming  
Soon

### [Bitcoin Pizza Ninjas](#)

Another project worth tracking currently? [Quantum Cats](#), a collection by the Taproots Wizard team that's [using recursive inscriptions and other new techniques](#) to build the project out in the open but without revealing the completed art ahead of its official release.



[Quantum Cats](#)

## Trying Recursive Inscriptions

As a regular end user, there's nothing special you have to do to access the capabilities of recursive inscriptions — you simply collect from projects that employ this method and then enjoy however they use it, e.g. upgradeable PFP traits.

However, you will need a Bitcoin wallet that offers support for recursive inscriptions, as many don't. Two wallets that do offer such support currently are [Leather](#) and [Xverse](#).

While it still lacks all the power of smart contracts, this emerging technique not only circumvents the data limitations inherent in Bitcoin's architecture but also introduces layers of interactivity and dynamism that were previously unattainable on the OG blockchain.

## NFT News

1. [Chiliz](#), the leading blockchain provider for the sports and entertainment industry, [announced the integration](#) of [Rarible's](#) protocol into the Chiliz Chain. Developers can now leverage Rarible Protocol to construct custom NFT marketplaces on the Chiliz Chain. Additionally, SportFi dApps, wallets, and marketplaces will gain real-time access to NFT ownership and provenance data, enhancing user experience in the NFT domain.
2. **Ordinals** underwent its [Jubilee upgrade](#), an optimization that "blesses" what would have otherwise been "cursed" inscriptions going forward.
3. [OpenSea introduces wallet creation using email](#). This wallet is fully integrated with OpenSea: you can use it to buy, sell, add, send, and receive crypto and NFTs, manage your funds, and view transactions on the blockchain, all without a separate wallet extension. You can use it across all nine EVM-based chains compatible with OpenSea.
4. [X has removed support for NFT PFPs](#).
5. [BRC20.com announced a strategic partnership with Unigraph to bring the first fully EVM compatible decentralized L2 to the Bitcoin community](#).
6. [Astaria presents Starport Kernel Framework for Lending Protocols](#). Customizable parameters will be built on Starport:
  - lowest transaction fees comparing to all lending protocols (on Mainnet and other L1 or L2s),
  - customizability and extensibility around pricing, settlement terms, and custody,
  - backwards compatibility: immutability at protocol level, which means devs can push continuous improvements and continuous deployments — removing oracle reliance: loans are originated oracle-free,
  - and many more...
7. [SobitBridge](#) is a New Frontier in Blockchain Interoperability — Bridging BRC20 to Solana.
8. [Solanalabs introduced Dynamic NFTs and Asset Lending!](#) Dynamic NFTs: With GameShift, developers can now modify NFT traits and images post-minting. Asset Lending allows players to loan assets to each other, enriching gameplay and fostering a stronger community.
9. [Wasabi Protocol has launched their Asset-Backed Perpetual](#) product — which is designed by pairing ETH with **Flooring Protocol's**  $\mu$ -tokens, which are ERC-20 tokens representing fractional shares of an NFT from a specific collection.
10. [BendDAO introduced BDIN](#) — BendDAO's BRC20 Inscription.
11. **Introducing Liquidium**. The new version 0.3 will massively improve bitmap lending and borrowing. **Liquidium** is a money market designed for lending and borrowing Ordinals

on the Bitcoin network. It operates using a peer-to-peer model with fixed loan agreements. The floor price information is currently sourced from Magic Eden.

12. [RARI \(L3 Arbitrum Orbit\) Chain Mainnet is live](#). — the first creator-centric chain with royalties embedded on the sequencer level.
13. [Warpcast group chats now support NFT token-gating](#).
14. [thirdweb](#) announced partnership with [XAI\\_GAMES](#) to become the official infrastructure provider of all games on the XAI Network. Games on XAI will have access to thirdweb's full stack, out of the box:
  - Pre-built smart contracts
  - Best-in-class Unity SDK
  - Unreal Engine support
  - Account abstraction infra
  - Wallets SDK
  - Onchain payments
15. [Envelop is going to Blast](#)

## NFT Development

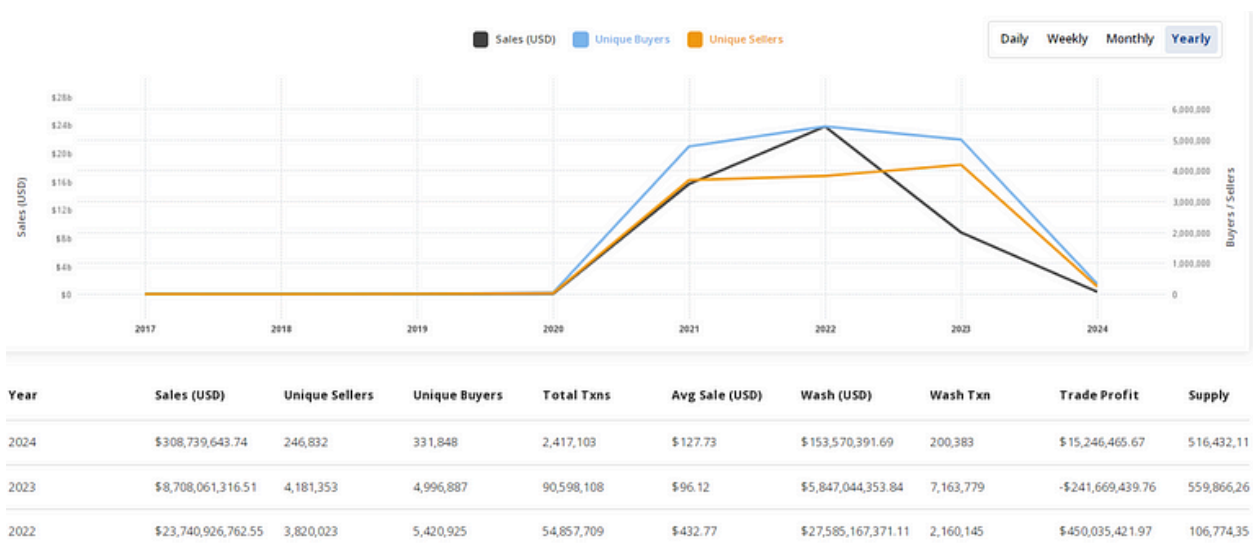
1. [ERC-7589: Semi-Fungible Token Roles](#). The standard introduces role management for SFTs (Semi-Fungible Tokens). Each role assignment is granted to a single user (grantee) and expires automatically. Roles are defined as `bytes32` and feature a custom `\_data` field of arbitrary size to allow customization. While ERC-1155 excels at tracking ownership, it focuses solely on token balances, overlooking the nuanced aspects of how these tokens can be utilized. An essential aspect of token utility is access control, which determines who has permission to spend or use these tokens. In some cases, the owner has complete control over its balance. Nevertheless, in many others, the utility can be delegated (or granted) to other users, allowing for more complex use cases to be implemented. One example is in gaming, in-game assets can be issued with a single ERC-1155 contract and rented out via a secure role management interface.
2. [ERC-7590: ERC-20 Holder Extension for NFTs](#). This proposal suggests an extension to [ERC-721](#) to enable easy exchange of [ERC-20](#) tokens. By enhancing [ERC-721](#), it allows unique tokens to manage and trade [ERC-20](#) fungible tokens bundled in a single NFT. This is achieved by including methods to pull [ERC-20](#) tokens into the NFT contract to a specific NFT, and transferring them out by the owner of such NFT. A transfer out nonce is included to prevent front-running issues.
3. [ERC-7595: Collateralized NFT](#). This proposal recommends an extension of EIP-721 to allow for collateralization using a list of EIP-20 based tokens. The proprietor of this EIP collection could hold both the native coin and EIP-20 based tokens, with the tokenId acting as the access key to unlock the associated portion of the underlying EIP-20 balance. "NFTfi" focuses on the NFT floor price to enable the market value of the NFT serve as a collateral in lending protocols. The NFT floor price is susceptible to the

supply-demand dynamics of the NFT market, characterized by higher volatility compared to the broader crypto market. Furthermore, potential price manipulation in specific NFT collections can artificially inflate NFT market prices, impacting the floor price considered by lending protocols. Relying solely on the NFT floor price based on market value is both unpredictable and unreliable.

4. [ERC-7599: On-chain Autonomous AI Agent Non-fungible Token](#). The proposal defines a set of standards for upgrading non-fungible tokens to on-chain AI Agent Account and specifying their interaction mechanisms. These AI Agent Accounts allow interaction with other smart contracts and off-chain applications/
5. [ERC-7603: Multi-Context Dependent Multi-Asset Tokens, EIP-1155 Extension](#). The context-dependent data output means that the asset is displayed in an appropriate format based on how the token is accessed. I.e., if the token is being opened in an e-book reader, the PDF asset is displayed; if the token is opened in the marketplace, the PNG or the SVG asset is displayed; if the token is accessed from within a game, the 3D model asset is accessed, and if the token is accessed by the (Internet of Things) IoT hub, the asset providing the necessary addressing and specification information is accessed. A Token Collection can have multiple assets (outputs), which can be any file to order them by priority. They do not have to match in mime-type or tokenURI, nor do they depend on one another. Assets are not standalone entities but should be considered “namespaced tokenURIs”.

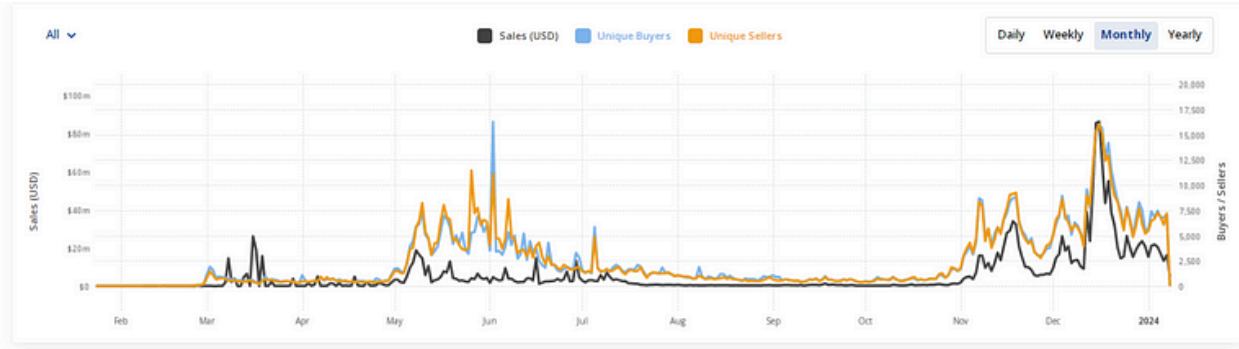
## NFT Analytics

1. [NFT sales in 2023 are \\$8.7 billion, a 63.35% decrease from 2022 \(\\$23.7 billion\)](#)



2. [NFT sales on the Bitcoin blockchain totaled ~\\$880M in December 2023, setting a record for sales in a month](#)





Month	Sales (USD)	Unique Sellers	Unique Buyers	Total Txns	Avg Sale (USD)	Wash (USD)	Wash Txn	Wash %
January, 2024	\$130,241,635.77	31,382	33,569	87,670	\$1,485.59	\$43,485.11	9	0.03%
December, 2023	\$881,221,244.98	98,744	111,713	493,516	\$1,785.60	\$139,491.41	28	0.01%
November, 2023	\$375,953,377.44	57,548	61,955	313,756	\$1,198.23	\$7,735,571.30	59	2.01%
October, 2023	\$16,286,940.65	12,294	12,353	47,540	\$342.59	\$5,502.26	34	0.03%
September, 2023	\$14,739,924.49	8,745	10,254	35,319	\$417.34	\$2,857.57	20	0.01%
August, 2023	\$11,915,863.61	11,332	14,776	53,650	\$222.10	\$1,772.01	41	0.01%
July, 2023	\$64,527,742.45	26,125	26,026	123,530	\$522.36	\$1,730,737.55	160	2.61%

### 3. [Polygon flips Ethereum in 24 hour NFT sales volume for the first time in history](#)

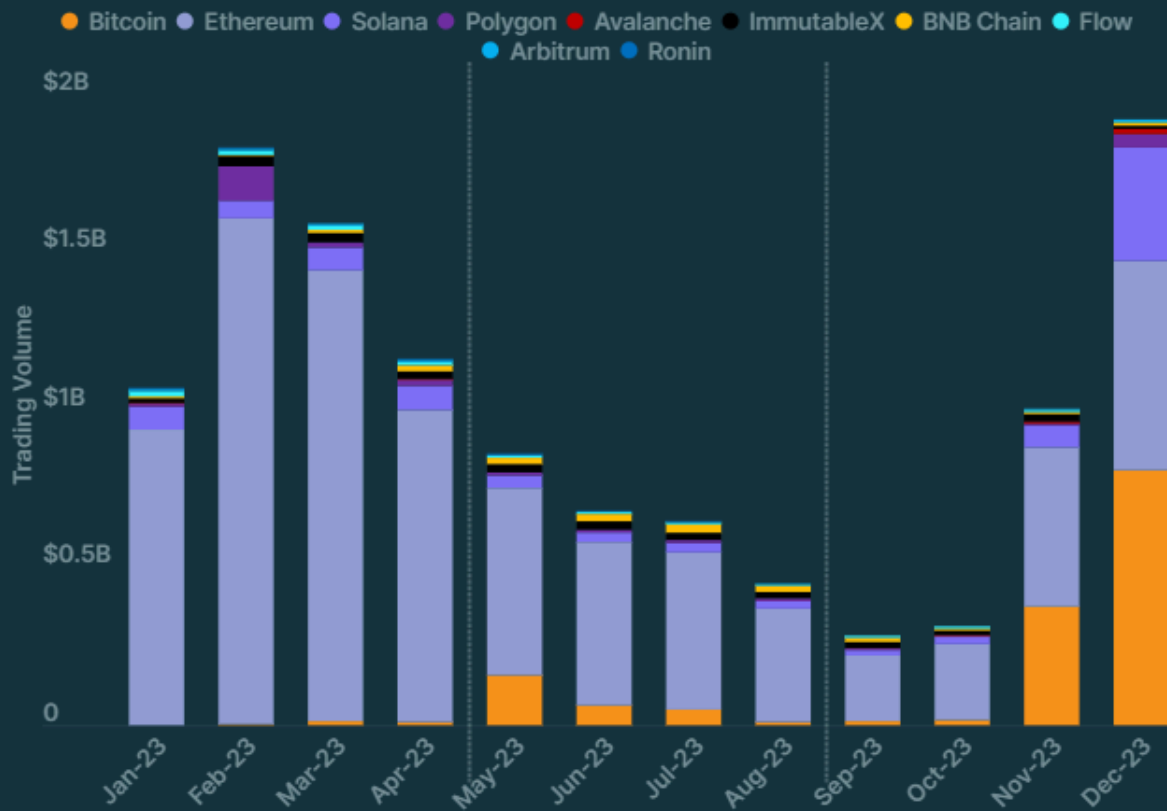
#	Blockchain	Sales (USD)
1	 Bitcoin	\$14,191,753 ↗ 17.89%
2	 Polygon	\$10,254,792 ↗ 57.99%
3	 Ethereum	\$10,161,100 ↘ 19.99%
4	 Solana	\$4,143,377 ↘ 17.29%

4. [Non-Fungible Token Litigation: The Early Years](#). NFTs present a valuable case study of the ways in which courts fill in the gaps where technological development gets ahead of regulation. In this Article, I offer a descriptive account of the first three years of litigation involving NFTs to come before federal district courts. These early cases implicate intellectual property and “traditional” property disputes, fraud and breach of contract claims, securities regulation, alleged criminal conduct, and service of process issues. This Article will be of particular interest to practitioners advising clients in the crypto industry and to legal scholars teaching or writing about law and innovation in general or crypto in particular.

5. NFT Trading Volume Stood at \$11.8b in 2023, 44% of 2022’s Figures

# NFT Trading Volume Across the Top 10 Chains

## Monthly NFT Trading Volume on Top 10 Chains, 2023



Source: [CoinGecko 2023 Crypto Industry Report](#)



CoinGecko

**NFT trading volumes across the top 10 chains amounted to \$11.8 billion in 2023.** However, this figure is still less than half of the NFT trading volume in 2022, which stood at \$26.3 billion.

Ethereum continued to be the dominant NFT chain in 2023, capturing 72.3% of trading volume. However, this is a far cry from the 90% dominance it held in 2022. Chains such as Bitcoin and Solana were on the come up, particularly in 2023 Q4. Bitcoin surpassed Ethereum in trading volume in December, with \$808.0 million in trading volume. This can be attributed to the introduction of Ordinals earlier in the year.

### 6. [Top Global Fashion Brands With NFTs.](#)

Which Brands Are Leading in Fashion NFTs? [Adidas](#) is the top fashion NFT brand from the traditional apparel industry, with 12 NFT collections to date and a dedicated web3 internal team known as the Three Stripes Studio.



Sportswear brands seem to be leading the traditional apparel industry's adoption of fashion NFTs, with [Puma](#) rounding off the top 3 fashion NFT rankings. In comparison, luxury fashion brands have pursued fashion NFTs less extensively.

**In total, 21 out of the top 50 fashion brands worldwide have NFTs, or slightly below half (42%).** Among the 21 fashion brands with NFTs, 9 brands only have a single NFT collection and 6 have just two NFT collections each.

**The top traditional fashion brands are using NFTs as part of their marketing strategies, to increase brand loyalty, form partnerships, as well as create virtual collectibles and experiences that go beyond physical products.**

7. [Farcaster announced Frames, which can turn casts into interactive apps.](#)

Built atop Ethereum and Optimism, [Farcaster](#) is a social protocol that anyone with an Ethereum wallet can sign up for.

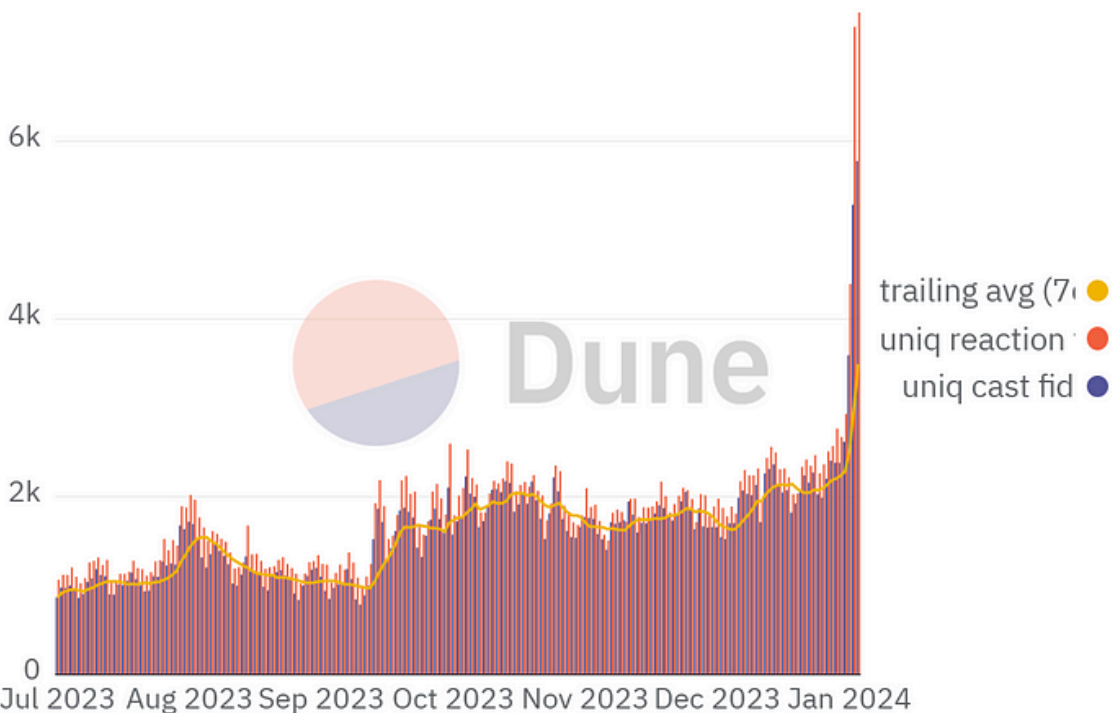
Frames are a new Farcaster feature built as an extension of the Open Graph protocol, a content standard initially developed by Facebook.

Similar to social media embeds, Frames display content as static or animated images, but they can additionally facilitate interactive elements through buttons, enabling dynamic user responses.

Frames offer limitless possibilities and are a fresh new avenue for creating more engaging and crypto-centric experiences around the Farcaster ecosystem.

The arrival of Frames have catalyzed a Farcaster activity surge — reactions (comments, likes, and recasts) have gone up more than 100% since the weekend, and sign-ups have exploded past the 70k mark.

## Farcaster DAU Farcaster cast reaction volume



@pixelhack

Top 10 examples of early Frames that have generated buzz:





- ♟️ [Chess Trainer](#) — An interactive chess puzzle.
- 🍪 [Girl Scout Cookies](#) — For ordering your favorite cookies in one click.
- 🧟 [Nethria](#) — A text-based game where players attempt to conquer a monster.
- 🎨 [NFT Gallery](#) — Browse collections in a feed via Gallery.so.
- ✅ [NFT Mint](#) — A gasless NFT drop directly on Farcaster.
- 📊 [Poll Creator](#) — A DIY Farcaster survey system.
- 🏪 [Product Credits](#) — Mint an NFT to claim free product credits.
- 🎧 [Song Drop](#) — A music NFT mint via Sound.xyz.
- 🎬 [Tenet](#) — A scene-by-scene click-through of the Christopher Nolan film.
- 🧵 [Threads](#) — For creating content threads within a single cast.

Note, **different Farcaster clients will approach surfacing Frames in different ways**. If you're starting on Warpcast like most people are, you can find and engage with new Frames by checking the [Trending Frames page](#) or the [Frames channel](#), which is akin to a subreddit.

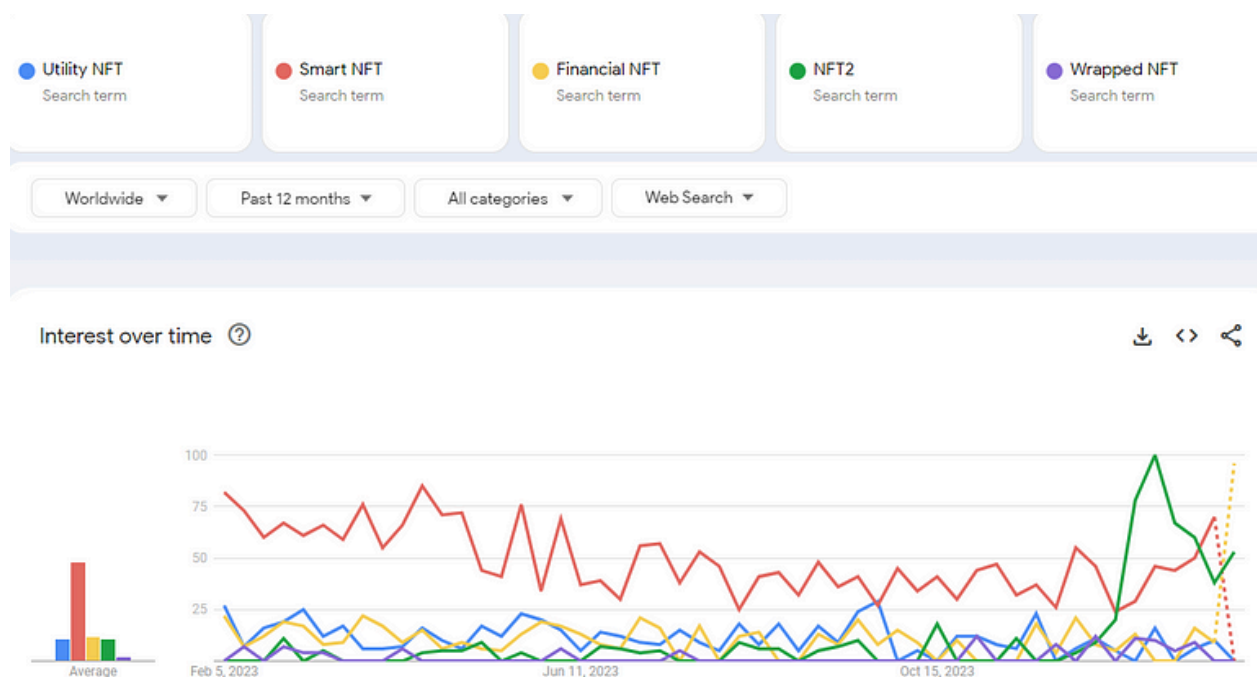
For the NFT ecosystem in particular, Frames have forged a fresh avenue for showcasing, minting, and engaging with NFTs directly within a social media feed. They provide creators with

a new channel to distribute their work and collectors with a new way to discover and interact with NFTs.

### Additional Farcaster resources:

-  [Farcaster Apps](#) — A list of Farcaster clients and apps you can try.
-  [Farcaster Frames 101](#) — The official docs and specs for Frames.
-  [Trending Frames](#)
-  [Warps 101](#) — A guide to Warpcast's offchain credits.

## NFT Trends



[Utility NFT, Smart NFT, Financial NFT, NFT2, Wrapped NFT Trends](#)

### Compared breakdown by region

Region ↓ ↕ ↔ 🔗

● Utility NFT ● Smart NFT ● Financial NFT ● NFT2 ● Wrapped NFT

Sort: Interest for NFT2 ↓



1	Syria	<div style="width: 100%; height: 10px; background-color: green;"></div>
2	Afghanistan	<div style="width: 100%; height: 10px; background-color: green;"></div>
3	Iran	<div style="width: 100%; height: 10px; background-color: green;"></div>
4	Germany	<div style="width: 100%; height: 10px; background-color: blue; background-image: linear-gradient(to right, blue, red, green);"></div>
5	United Kingdom	<div style="width: 100%; height: 10px; background-color: blue; background-image: linear-gradient(to right, blue, red, yellow, green);"></div>

Color intensity represents percentage of searches [LEARN MORE](#)

< Showing 1-5 of 31 regions >

Include low search volume regions

### Utility NFT, Smart NFT, Financial NFT, NFT2, Wrapped NFT Trends by region

● Soulbound token  
Search term

● Wrapped NFT  
Search term

+ Add comparison

Worldwide ↓

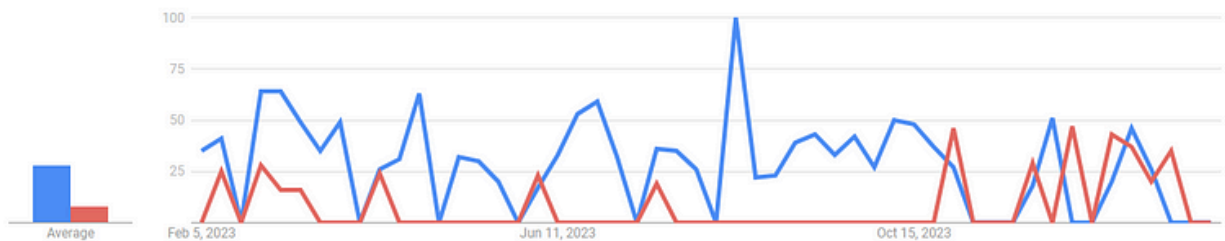
Past 12 months ↓

All categories ↓

Web Search ↓

Interest over time ?

↕ ↔ 🔗

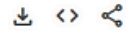


### [Soulbound token, Wrapped NFT Trends](#)



Compared breakdown by region

Region ▾



● Soulbound token ● Wrapped NFT



Color intensity represents percentage of searches [LEARN MORE](#)

Sort: Interest for Wrapped NFT ▾

1	United States	<div><div style="width: 100%;"></div></div>
2	Vietnam	<div><div style="width: 100%;"></div></div>
3	France	<div><div style="width: 100%;"></div></div>
4	Japan	<div><div style="width: 100%;"></div></div>
5	Türkiye	<div><div style="width: 100%;"></div></div>

< Showing 1-5 of 7 regions >

Include low search volume regions

Soulbound token Trends by region

## NFT Market Review

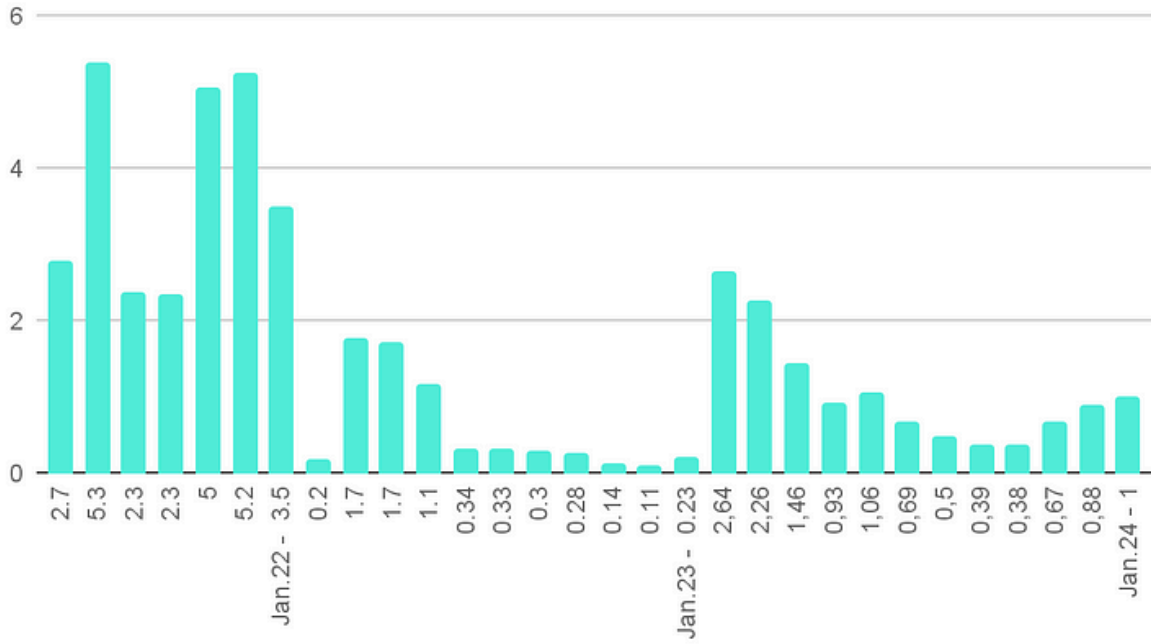
**Disclaimer.** To date, analytical tools are still evolving and provide only approximate data that do not cover all chains, DAG systems and other types of distributed ledgers, as well as NFTs or less common types, such as utility or financial.

[Statistics of the entire NFT market.](#)

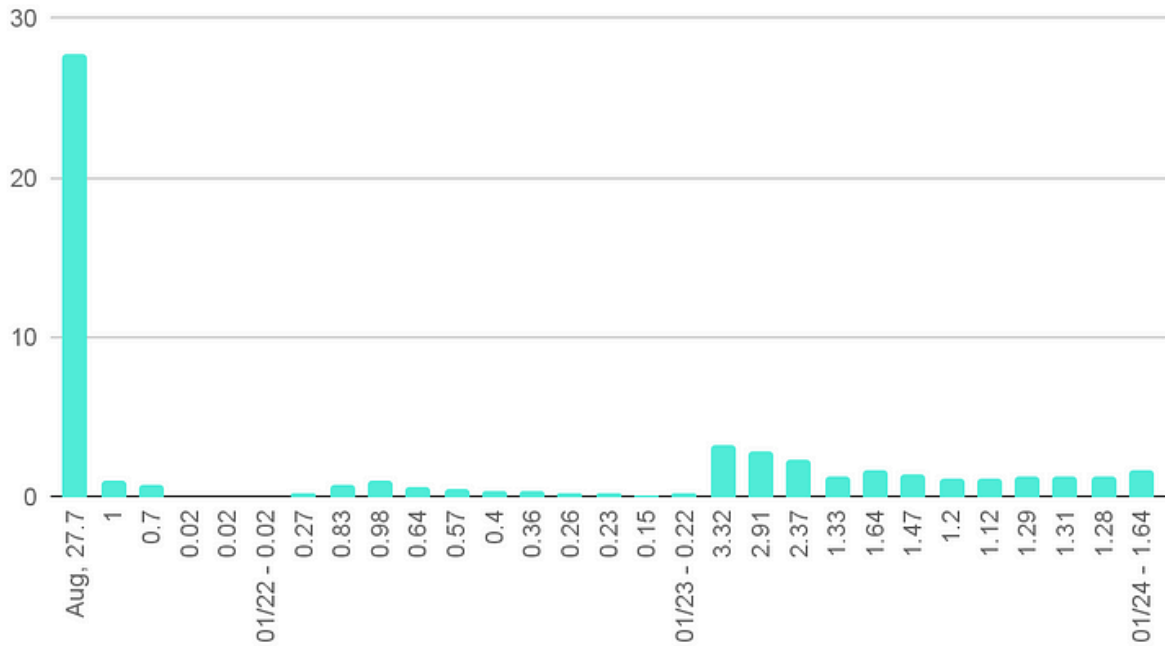
[Global Markets \(30D\)](#)

- NFT Marketcap is **\$5,544,882,562 Up**
- NFT Sales Volume **\$1,008,578,680 Up**
- Total Sales **1,648,107 Up**

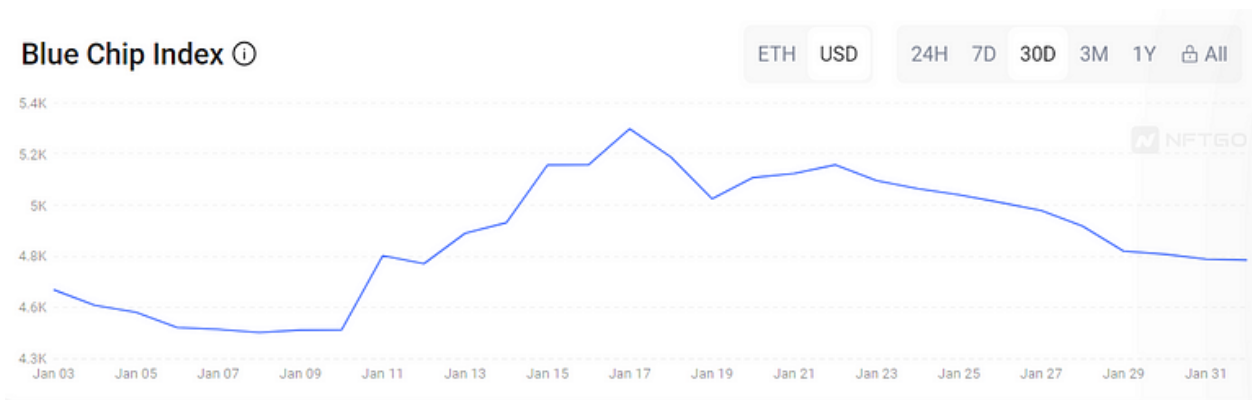
NFTs Total Sales Volume, \$bln



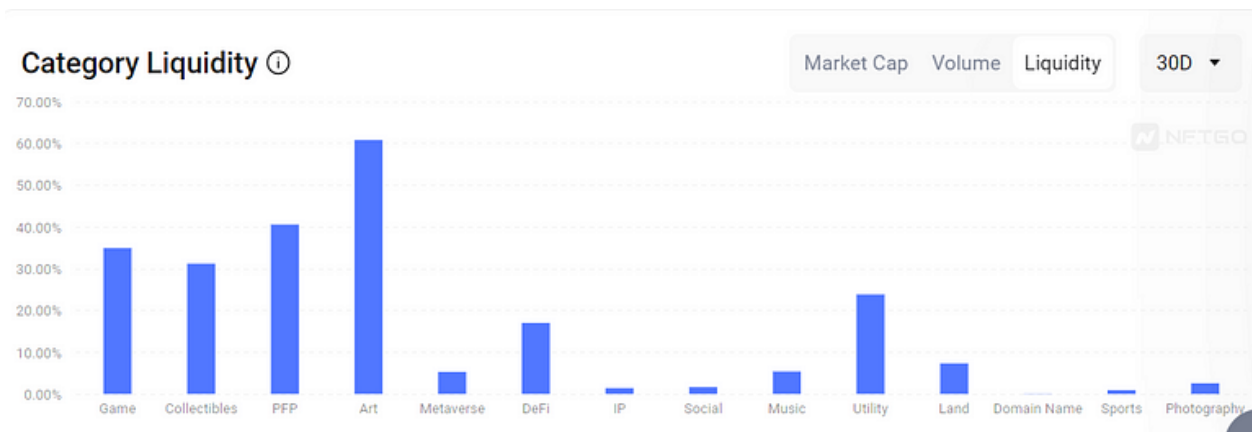
NFTs Total Sales, millions



## Look at the Ethereum NFT Ecosystem



Note the increase in NFT art liquidity in January.

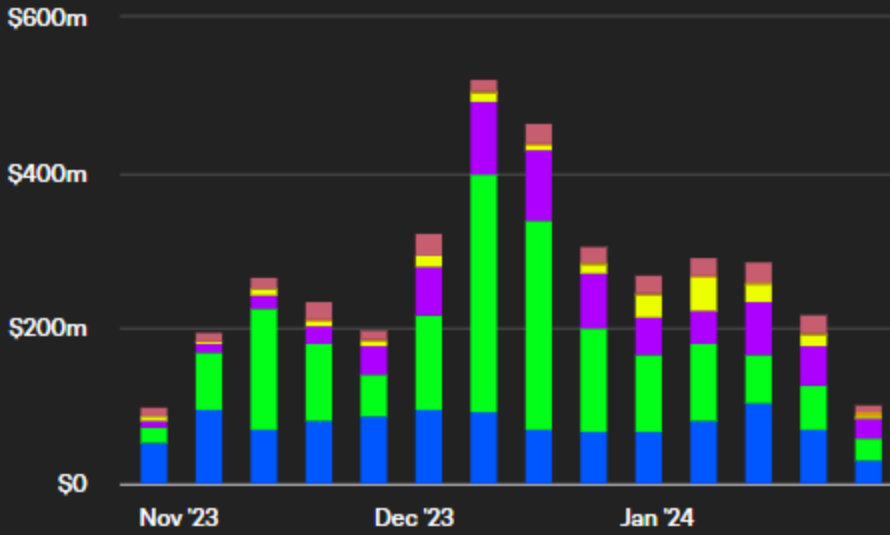


NFT volume on bitcoin seems to be decreasing



## NFT Trade Volume by Chain

- Ethereum
- Bitcoin
- Solana
- Polygon
- BNB Chain
- 9 Others

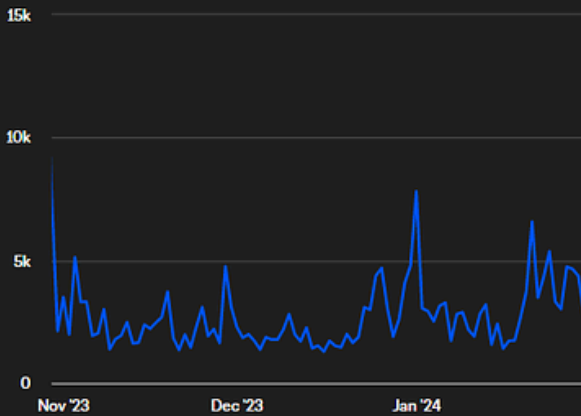


SOURCE: CRYPTOSLAM  
UPDATED: JAN 31, 2024

ZOOM ALL YTD 12M 3M



## Ethereum NFT Mints

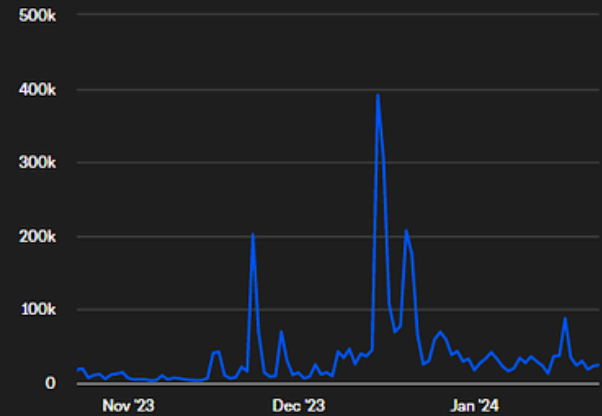


SOURCE: THE BLOCK  
UPDATED: JAN 31, 2024

ZOOM ALL YTD 12M 3M 1M



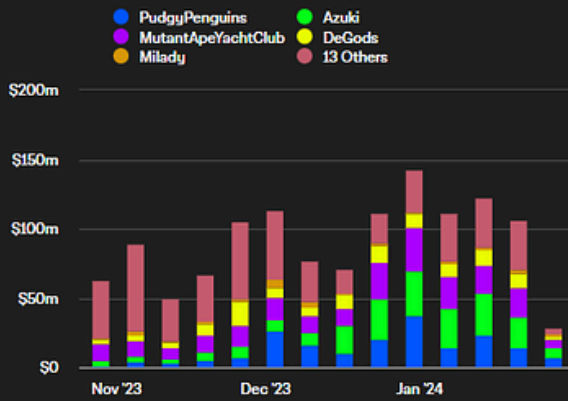
## Solana NFT Mints



SOURCE: HELLOMOON  
UPDATED: JAN 31, 2024

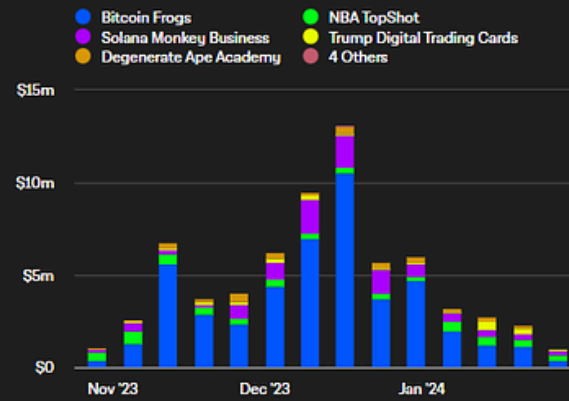
ZOOM ALL YTD 12M 3M 1M

### Ethereum Art and Collectibles NFT Trade Volume



SOURCE: THE BLOCK  
 UPDATED: JAN 31, 2024  
 ZOOM ALL YTD 12M 3M

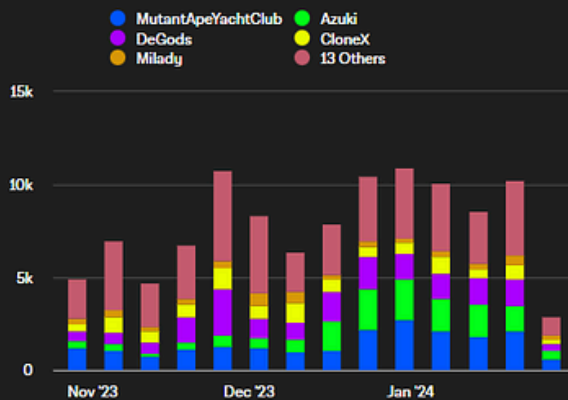
### Non-Ethereum Art and Collectibles NFT Trade Volume



SOURCE: CRYPTOSLAM  
 UPDATED: JAN 31, 2024  
 ZOOM ALL YTD 12M 3M

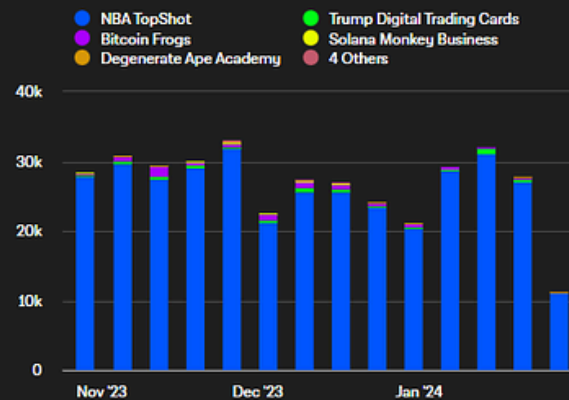
NBA TopShot still has no competitors on non-Ethereum blockchains.

### Ethereum Art and Collectibles NFT Sales



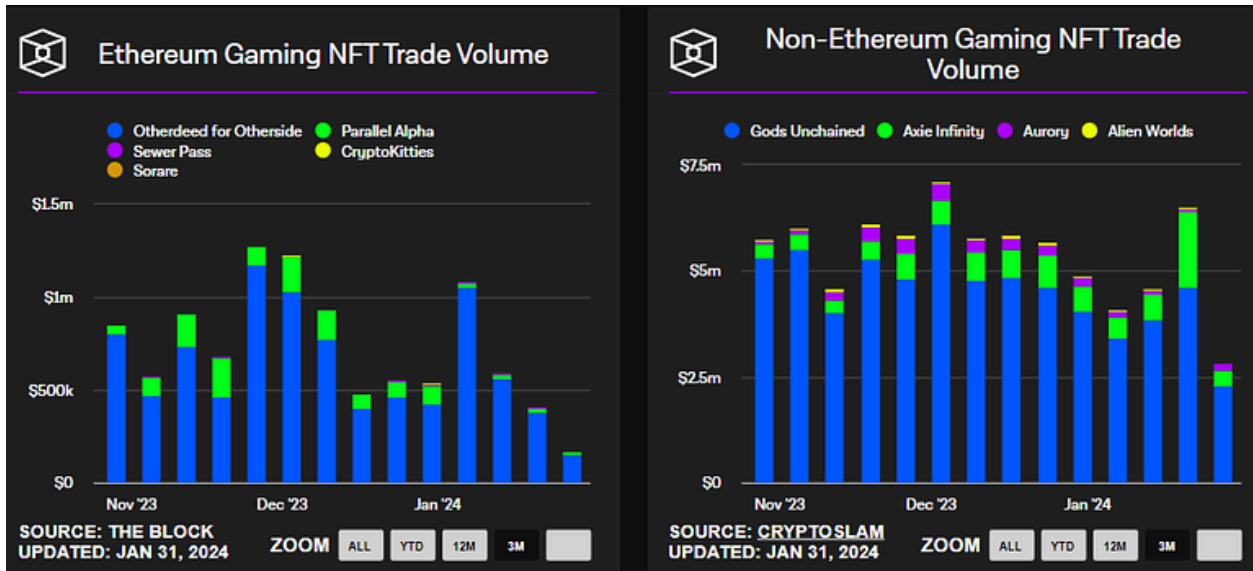
SOURCE: THE BLOCK  
 UPDATED: JAN 31, 2024  
 ZOOM ALL YTD 12M 3M

### Non-Ethereum Art and Collectibles NFT Sales

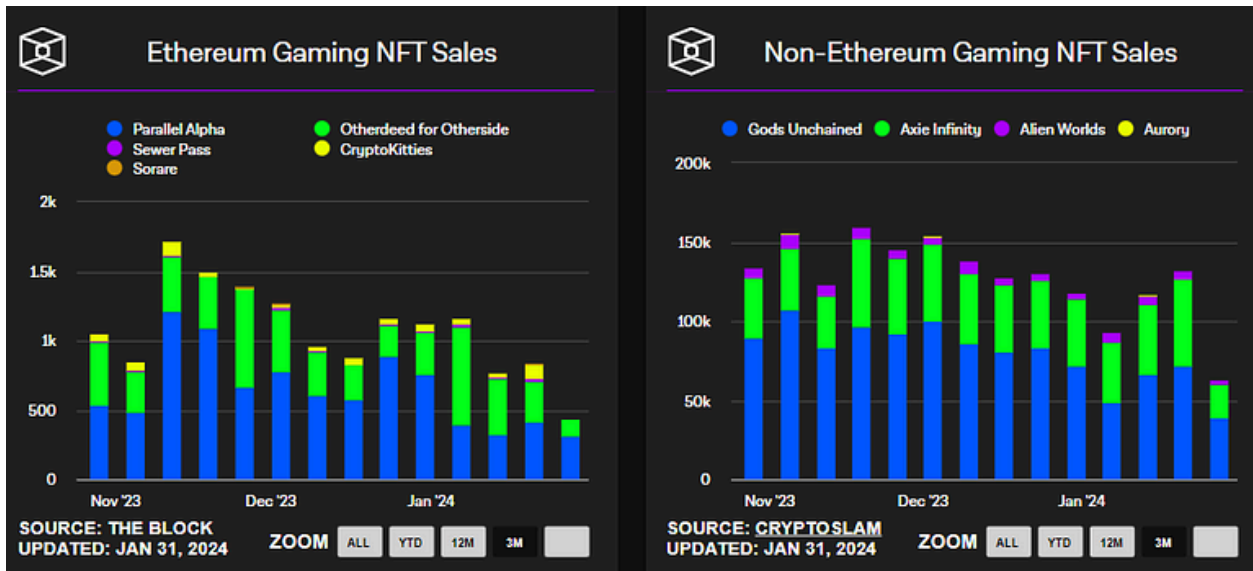


SOURCE: CRYPTOSLAM  
 UPDATED: JAN 31, 2024  
 ZOOM ALL YTD 12M 3M

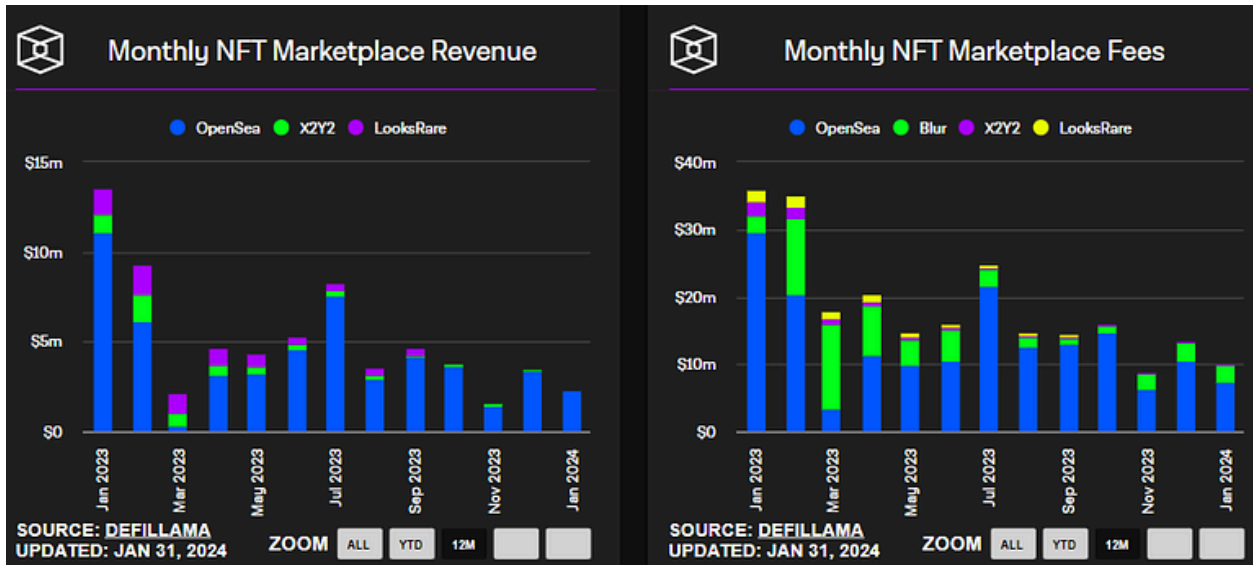
Total domination of Otherdeed and Gods Unchained in Gaming NFT Trade Volume.



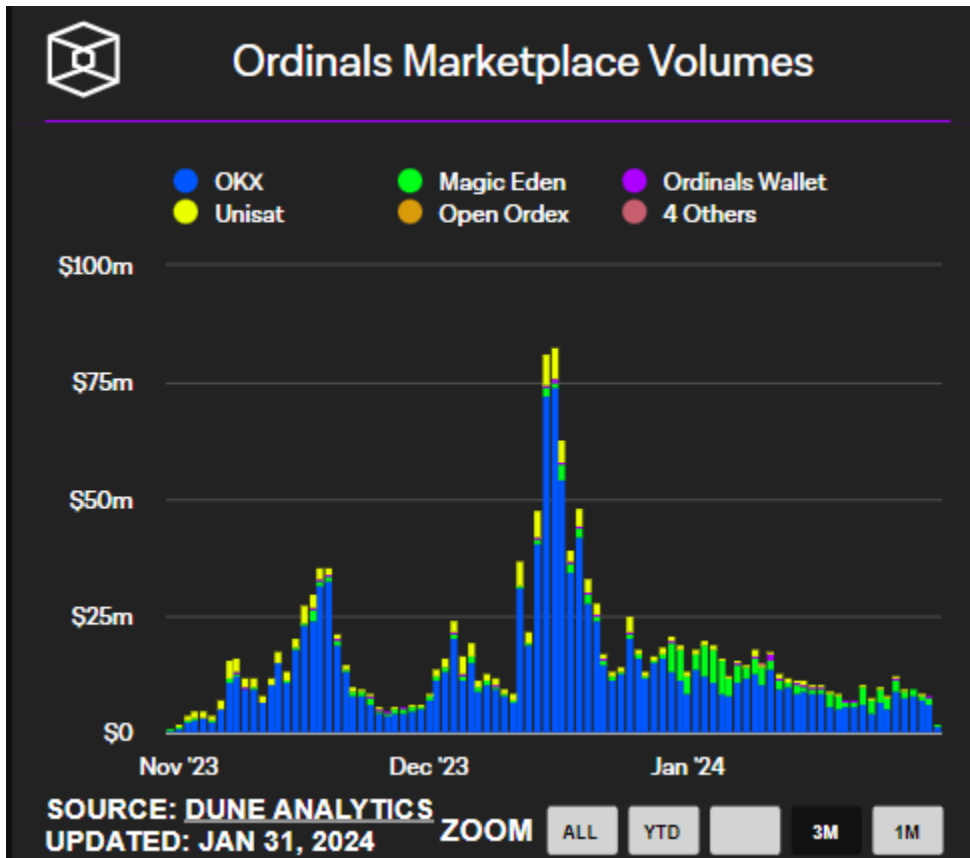
In sales, however, their lead, is not as overwhelming.


















A new data in the NFT digest.



OKX is the undisputed leader among the Ordinals marketplace volumes.

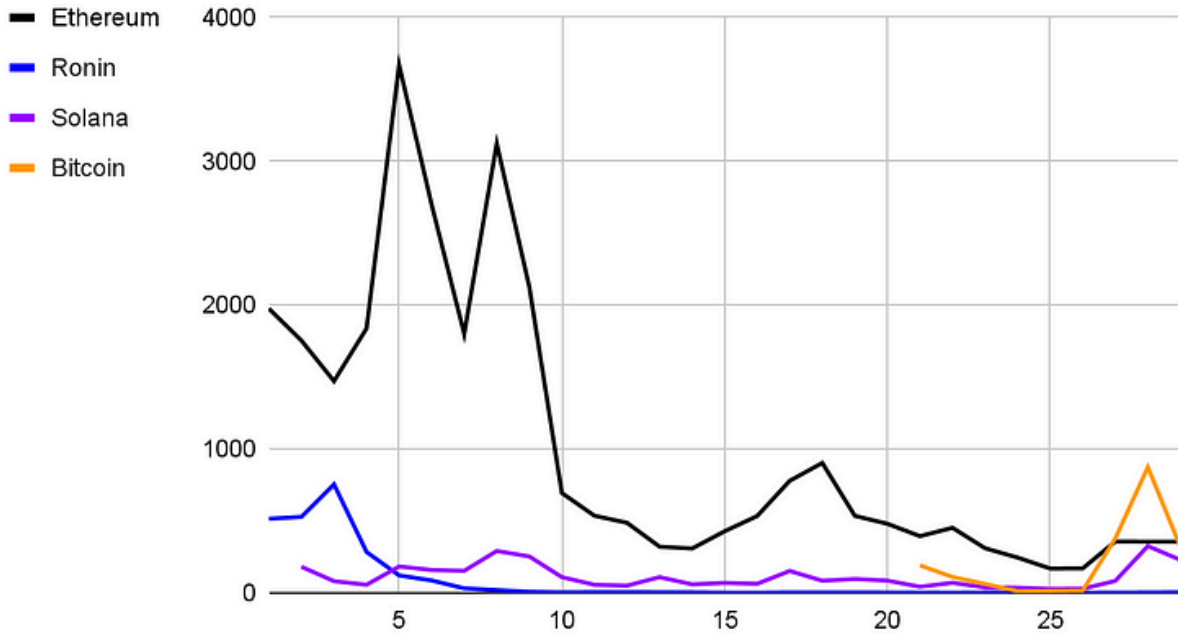


**Blockchains by NFT Sales Volume.** Ethereum has regained the lead, despite the fall, but bitcoin fell more deeply. Polygon and Avalanche are growing stronger than the market.

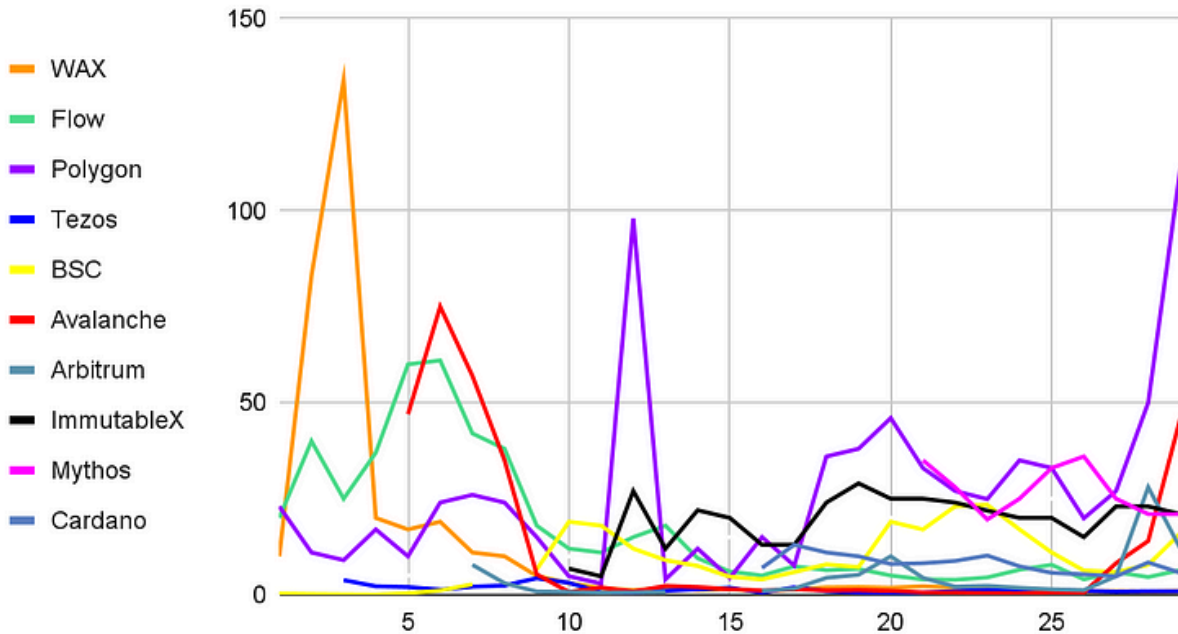
#	Blockchain	Sales (USD)	Wash (USD) *	Total (USD)	Buyers
1	 Ethereum	\$356,027,105 ↘ 13.56%	\$378,389,908 ↘ 4.24%	\$734,417,013 ↘ 9.00%	47,770 ↘ 16.25%
2	 Bitcoin	\$319,571,551 ↘ 63.00%	\$79,172 ↘ 44.88%	\$319,650,723 ↘ 62.99%	5,249 ↘ 46.71%
3	 Solana	\$229,632,628 ↘ 28.98%	\$18,488,456 ↗ 57.75%	\$248,121,084 ↘ 25.95%	13,527 ↘ 8.39%
4	 Polygon	\$111,730,944 ↗ 61.48%	\$25,551,943 ↘ 48.67%	\$137,282,887 ↗ 15.39%	9,284 ↘ 25.17%
5	 Avalanche	\$46,063,210 ↗ 81.09%	\$21,190,347 ↗ 1280.78%	\$67,253,557 ↗ 149.36%	2,383 ↗ 49.12%
6	 ImmutableX	\$21,386,619 ↘ 9.17%	—	\$21,386,619 ↘ 9.17%	15,607 ↘ 7.36%
7	 Mythos Ch...	\$21,365,029 ↗ 2.92%	\$142,256 ↘ 59.03%	\$21,507,285 ↗ 1.90%	4,326 ↘ 54.96%
8	 BNB Chain	\$16,151,175 ↘ 24.91%	\$128,127 ↘ 89.86%	\$16,279,302 ↘ 28.52%	3,148 ↘ 49.54%
9	 Arbitrum	\$12,931,132 ↘ 62.24%	\$40,082 ↘ 69.92%	\$12,971,214 ↘ 62.27%	2,049 ↘ 19.33%
10	 Flow	\$6,458,707 ↗ 19.55%	—	\$6,458,707 ↗ 19.55%	1,541 ↘ 36.43%
11	 Cardano	\$5,700,636 ↘ 37.48%	\$81,108 ↘ 34.87%	\$5,781,744 ↘ 37.45%	1,329 ↘ 18.42%
12	 Ronin	\$4,007,081 ↗ 40.89%	—	\$4,007,081 ↗ 40.89%	26,388 ↗ 4.48%
13	 Stargaze	\$2,488,607 ↗ 54.01%	\$113 ↘ 92.66%	\$2,488,719 ↗ 53.87%	280 ↘ 65.30%
14	 Panini	\$1,466,343 ↗ 79.85%	—	\$1,466,343 ↗ 79.85%	656 ↘ 0.91%
15	 WAX	\$941,642 ↗ 53.69%	—	\$941,642 ↗ 53.69%	10,382 ↗ 14.03%





Blockchains by NFT Sales Volume (30 days), mln \$/month from 09/21



Blockchains by NFT Sales Volume (30 days), mln \$/month from 09/21



Let's look at the marketplaces. Blur is the undisputed leader in trading volume, Opensea is the leader in the number of traders. The Opensea age is over.

#	Market	Avg. price	Traders	% Traders	Sales	Volume	% Volume
1	 <b>OpenSea</b> OP +2	\$136.12 ^ +9.66%	217.58k	+22.54%	761.31k ^ +30.31%	\$102.37M	-13.61%
2	 <b>Element Market</b>	\$49.23 ^ +56.48%	176.57k	+6.02%	394.98k ^ +2.28%	\$16.21M	+87.99%
3	 <b>Magic Eden</b> Solana · Bitcoin	\$203.4 ^ +41.72%	130.15k	-29.18%	463.98k v -45.97%	\$100.52M	-7.93%
4	 <b>OKX NFT Marketplace</b>	\$1.81k ^ +123.38%	60.7k	-37.07%	105.58k v -60.74%	\$203.8M	+1.86%
5	 <b>Blur</b> Ethereum	\$3.19k ^ +5.29%	52.95k	+6.81%	225.2k ^ +8.95%	\$716.43M	+13.92%
6	 <b>Sorare</b> Starkware	\$21.39 v -7.35%	41.48k	-1.98%	263.19k v -7.61%	\$5.67M	-13.92%
7	 <b>Axie Marketplace</b> Ethereum · Ronin	\$16.84 v -4%	35.72k	-5.27%	232.67k ^ +4.41%	\$4.2M	+34.67%
8	 <b>Immutable X Marketplace</b> Immutable X	\$55.21 ^ +5.28%	22.32k	-8.71%	409.63k v -14.77%	\$22.47M	-10.11%
9	 <b>AtomicHub</b> EOS · WAX	\$4.62 ^ +17.01%	16.55k	+7.44%	164.43k ^ +10.62%	\$618.92k	+19.77%

## NFT Collection Rankings by Sales Volume.

#	Collection	Sales	Transactions	Buyers	Sellers
1	 <b>Uncategorized Or...</b> Bitcoin	\$47,123,170 ↘ 38.85%	92,446 ↘ 13.08%	31,371 ↘ 17.29%	26,358 ↘ 3.20%
2	 <b>Gas Hero Common...</b> Polygon	\$40,140,356 — 0.00%	44,198 — 0.00%	5,530 — 0.00%	5,270 — 0.00%
3	 <b>CryptoPunks</b> Ethereum	\$33,170,024 ↗ 192.35%	190 ↗ 131.71%	67 ↗ 123.33%	101 ↗ 102.00%
4	 <b>Dokyo</b> Avalanche	\$31,324,711 ↗ 271.13%	18,301 ↗ 272.88%	1,406 ↗ 149.29%	1,427 ↗ 173.90%
5	 <b>CryptoUndeads</b> Solana	\$24,884,132 — 0.00%	25,311 — 0.00%	9,011 — 0.00%	8,446 — 0.00%
6	 <b>Froganas</b> Solana	\$22,847,927 ↗ 26.19%	29,619 ↘ 9.45%	4,236 ↘ 40.32%	5,392 ↘ 14.48%
7	 <b>DMarket</b> Mythos	\$20,564,959 ↗ 1.16%	1,085,088 ↗ 0.42%	48,879 ↘ 4.61%	41,130 ↘ 2.83%
8	 <b>\$LIGO BRC-20 NFTs</b> Bitcoin	\$20,403,370 ↗ 1842556.82%	12,158 ↗ 1215700.00%	5,254 ↗ 525300.00%	5,843 ↗ 584200.00%
9	 <b>Gods Unchained C...</b> ImmutableX	\$19,708,859 ↘ 8.56%	320,835 ↘ 12.84%	11,826 ↘ 7.40%	11,074 ↘ 7.84%
10	 <b>\$\$\$ BRC-20 NFTs</b> Bitcoin	\$18,996,767 ↗ 317.29%	6,538 ↗ 115.78%	2,673 ↗ 34.93%	1,631 ↗ 28.43%
11	 <b>Gas Hero Items</b> Polygon	\$18,611,196 — 0.00%	51,533 — 0.00%	6,051 — 0.00%	5,933 — 0.00%
12	 <b>Pudgy Penguins</b> Ethereum	\$17,411,174 ↗ 3.38%	483 ↘ 31.10%	247 ↘ 15.99%	315 ↘ 6.53%
13	 <b>Bored Ape Yacht C...</b> Ethereum	\$17,121,293 ↘ 0.83%	306 ↗ 2.00%	130 ↘ 9.09%	176 ↗ 3.53%
14	 <b>Gas Hero Weapon</b> Polygon	\$14,309,742 — 0.00%	20,987 — 0.00%	4,702 — 0.00%	2,997 — 0.00%
15	 <b>Mutant Ape Yacht...</b> Ethereum	\$13,752,092 ↗ 3.40%	1,277 ↗ 17.05%	353 — 0.00%	379 ↘ 6.65%

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