

# Curve Finance Activity Trends

## Introduction

Curve Finance, a prominent platform in the decentralized finance (DeFi) space, has exhibited substantial growth and activity. This report delves into the platform's performance based on transaction data, user statistics, and volume trends, identifying key highlights and pivotal moments within its operations.

My Submission Link:

<https://flipsidecrypto.xyz/gabi-sainz/investigating-curve-finance-S6sc1M>

## Key Metrics

- **Transactions:** Curve has facilitated 3.9 million transactions, showcasing a consistent flow of activity within its ecosystem.
- **User Base:** A substantial user base of 447.9 thousand users has actively participated in Curve Finance.
- **Volume:** Impressively, Curve has recorded a remarkable volume of 323 billion USD, signifying significant financial engagement on the platform.

## User Engagement:

- **Average Contribution:** Each user contributes an average of 75,000 USD, indicating robust engagement and a considerable stake in the platform.

- **Activity Peaks:** Notable peaks in November 2022 for transactions, March 2023 for users, and May 2022 for volume indicate pivotal moments of heightened activity within the Curve ecosystem.

### **Standout Users:**

- **High-Volume Users:** Two distinguished users stand out in Curve Finance due to their high swap volumes and transaction counts, potentially indicating influential participants within the platform.

### **Transaction Fee Analysis:**

- **Trend Observation:** Analysis reveals a prevalent trend of transaction fees consistently surpassing 2 USD, highlighting the cost dynamics within the Curve Finance ecosystem.

### **Network Dynamics:**

- **Ethereum Dominance:** Ethereum emerges as a dominant force, leading in transactions (46%), users (39%), and volume (97%) on Curve Finance.
- **Optimism Network:** While significant in certain aspects, the Optimism network trails behind Ethereum in user engagement and transaction volumes.

### **Layered Network Comparison:**

- **L1 vs. L2 Networks:** Layer 2 (L2) networks lead in transactions (53%) and user engagement (57%), indicating a strong presence and interaction within these scalable solutions.
- **Transaction Volume Dynamics:** Despite L2 network engagement, Layer 1 (L1) networks continue to dominate transaction volumes (97%), showcasing their stronghold on higher-value transactions.

### **Behavioral Patterns:**

- **Transaction Patterns:** Both L1 and L2 users predominantly engage in 1 to 5 transactions, highlighting a consistent behavior pattern across different network types.

### **Conclusion:**

Curve Finance stands as a vibrant platform within the DeFi landscape, showcasing consistent activity and significant financial engagement. While Ethereum retains dominance across various metrics, the emergence of Layer 2 networks signifies evolving user preferences towards scalability solutions. The platform's robust performance and user engagement underscore its relevance and influence within the decentralized finance sector.

This report provides insights into Curve Finance's operations, highlighting key trends and pivotal moments that shape its dynamic ecosystem.