

Hi, I am currently conducting an analysis of Lido StETH holders and their balances over time. To do this quickly and cheaply I am using etherscans method of subtracting outbound tokens from inbound tokens to get the balance of an address at any point in time.

This has been successful in principal, however it seems that there is sometimes some unaccounted for transfers (I suspect from mints?) that are causing balances to return as negative.

Here is one such example:

[Ethereum \(ETH\) Blockchain Explorer](#)

[stETH \(stETH\) Token Tracker | Etherscan](#)

stETH (stETH) Token Tracker on Etherscan shows the price of the Token \$1,420.05, total supply 5,773,789.561421566941245513, number of holders 170,253 and updated information of the token. The token tracker page also shows the analytics and historical...

At block 16546200: Etherscan value ~-4183336466029845598375,

balanceOf() Value: 2798160878585542078071

Strangely though in the contract code it seems that mints do in fact emit a transfer() from NULL → Msg.Sender on successful mints.

if anybody has any information that could help me fill in the gaps here it would be greatly appreciated.