



Ethereum 2.0

# Validator Performance

JULY 2022 REPORT





# July 2022 Overview

In this month, the entire set of 13,000 ETH2 validators operated by Figment were analyzed. All data was sourced from our own validators, the beaconcha.in API, beaconscan, and rated.network.

98.9%

Average Attestation Effectiveness.

1.2%

Above the network average rewards

0

Slashing events  
subject to a rebate over the  
period reviewed

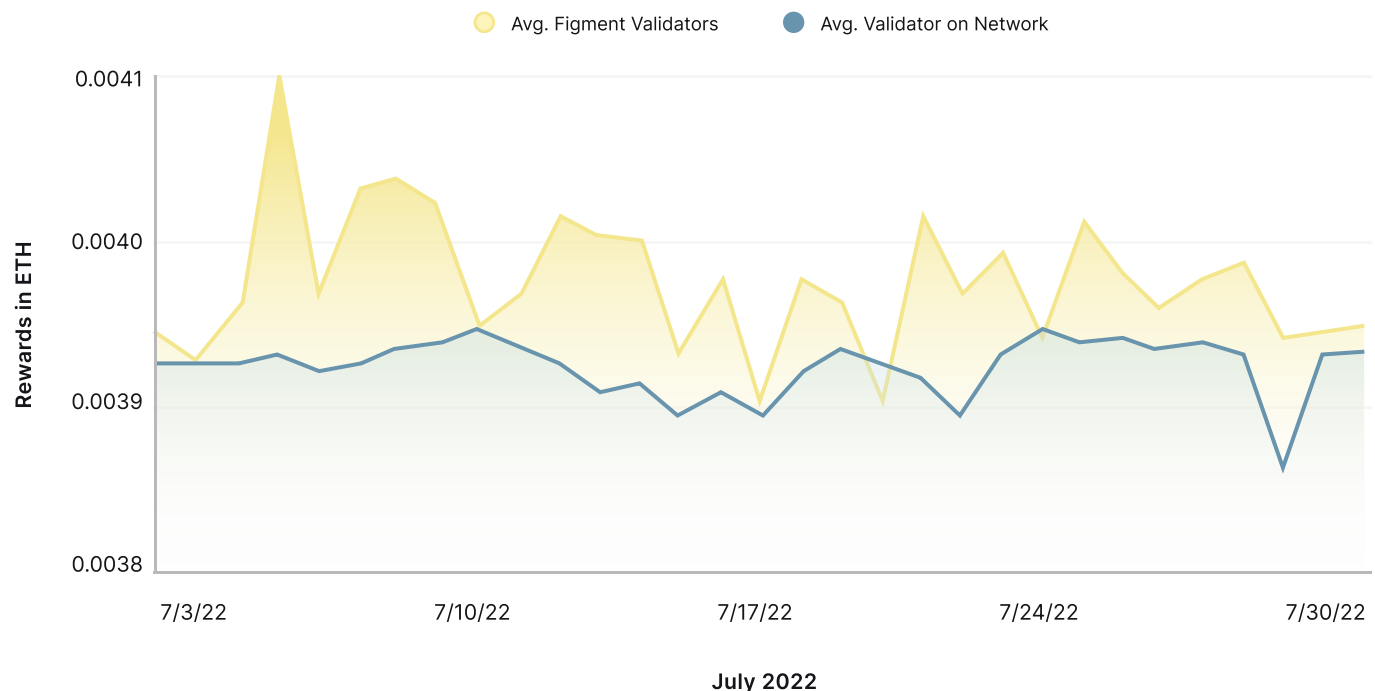
# Rewards

For July, all active validators on the network generated a mean rewards rate of 0.121861 ETH. The average rewards of Figment's validators was 0.123318 ETH, **1.2% higher** than the mean performance of all active validators on the network.

In addition, validator rewards are also dependent on being chosen as a block

proposer. Figment's mean validator earnings were higher than previous months even though our validators weren't selected as block proposers as frequently. This is largely due to the overall probabilities of being selected as a block proposer rather than the effectiveness of Figment validators, which outperformed non-Figment validators over the 31-day period.

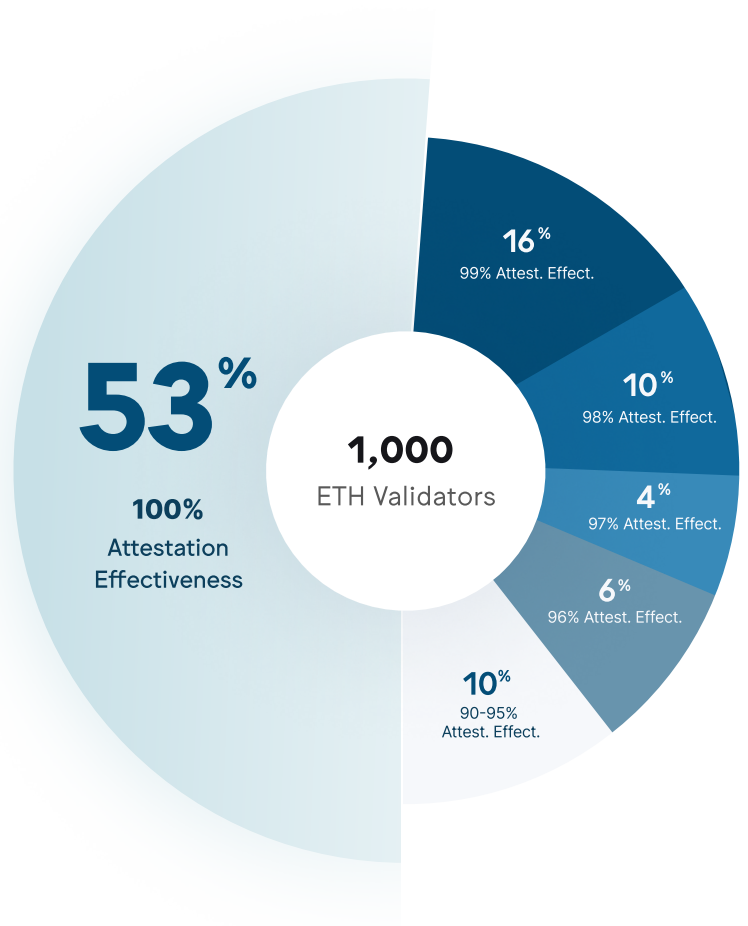
## Average Figment Validator vs. Average Validator on Network



# Attestation Effectiveness

We can quantify how useful an attestation is to the network through the attestation effectiveness metric. A consistently high attestation effectiveness score indicates that a validator is performing well. In the sample group, the average attestation effectiveness was **98.9%** for July, and 53.1% of Figment's validators had **100% attestation effectiveness**.<sup>1</sup>

<sup>1</sup> The period covered is Jul 1, 2022 – July 31, 2022, as this figure is reported on a weekly basis.

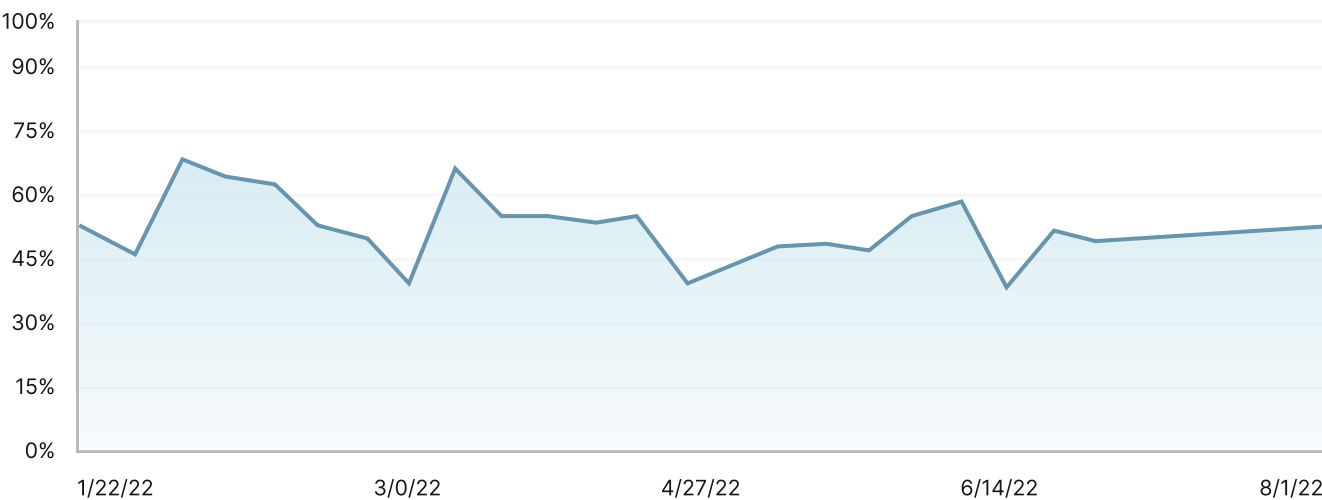


## What is Attestation?

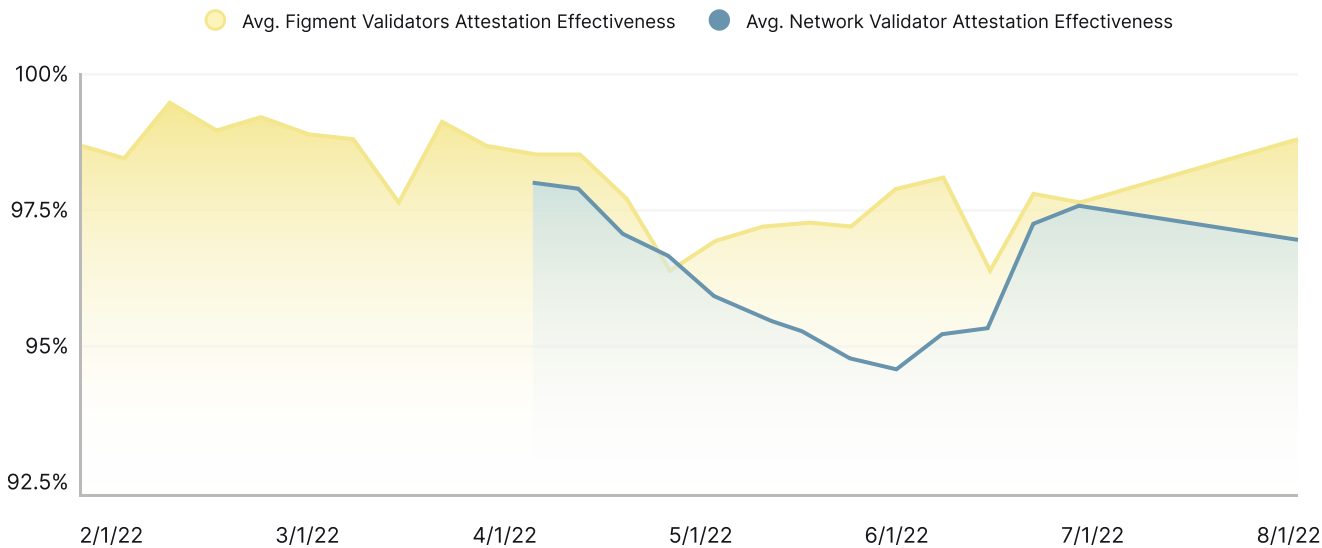
An attestation is a vote made by every validator on the Ethereum blockchain about the state of the network for that current epoch (approximately 6.5 minutes). Attestations include several different key metrics including what each validator believes is the latest valid block in the chain at the time of attesting.



## Figment Validators with 100% Attestation Effectiveness



## Average Figment Validator Attestation Effectiveness vs. Average Network Validator Attestation Effectiveness



Additionally, Figment’s validators consistently outperformed the network average for validators on attestation effectiveness over the month, averaging 1.74% higher.

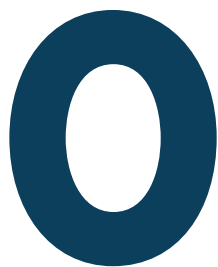
# Slashing

During the month of July, Figment had no slashing occurrences. We're proud to keep our record of zero slashing events during the entirety of running Ethereum validators.

Figment runs validator infrastructure in a secure way to minimize the chances of being slashed and offers coverage to mitigate any losses in the event of a slashing event.

### Did you know?

Slashing imposes the greatest risk to validator performance, and has the greatest negative impact on its rewards.



## Slashing occurrences

during the entirety of running Ethereum validators.



# Stake with Figment


As demonstrated in this report, at Figment we strive to maintain high performance, maximize rewards and to mitigate slashing risks.

Figment was one of the first companies to run infrastructure for PoS networks and currently supports 60+ networks.

To learn more about staking contact us at:  
[staking@figment.io](mailto:staking@figment.io)

For more information:

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