

# Delegating on Injective: A Comprehensive Guide

## Key Features

### Blockchain Overview

Injective is a blockchain network launched on June 30, 2021, focused on financial applications. Developed using the COSMOS SDK and employing Tendermint's Proof of Stake consensus, it allows for secure transaction finality. The network features decentralized order books, enabling the creation of exchanges, prediction markets, and other financial tools. Its native asset, INJ, has a maximum supply of 100 million.

### Block Time

- Target block time: 800ms
- Fee structure: 95% of transaction fees are paid to the validator and 5% are sent to a community pool which pays for chain-related activities and public goods.

## Delegating Overview

### Minimum Delegation

- There is no minimum amount for a delegator to stake to a validator
- Active validator set is the top 60 validators by stake

### Warm-up/Bonding Periods

- Bonding is immediate and the delegation will be actively earning rewards from the next block.

### Cool-down/Unbonding Periods

- Unbonding takes 21 days and rewards are not earned during this time. It's possible to redelegate assets to another validators immediately without first being required to unbond.



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## Rewards Overview

### Reward Structure Highlights

- The proposer of the block will receive their portion of the transaction fees and new INJ as per the inflation rate which is dynamically adjusted between 5-10%. Factors impacting the total rewards received by a validator are transaction fees and block time.

### Payout Timing

- Rewards are calculated and distributed each time a validator's delegation changes.
- A delegator can withdraw their rewards at any time, although rewards cannot be partially claimed. Rewards are also automatically distributed whenever a validator's delegation changes.

**Compounding rewards:** No

**Expected APY:** ~12.30%

## Slashing Overview

**Slashing Possibility:** Yes

### Potential Penalties

- There are two causes of slashing:
  - Double signing
  - Liveliness infraction



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