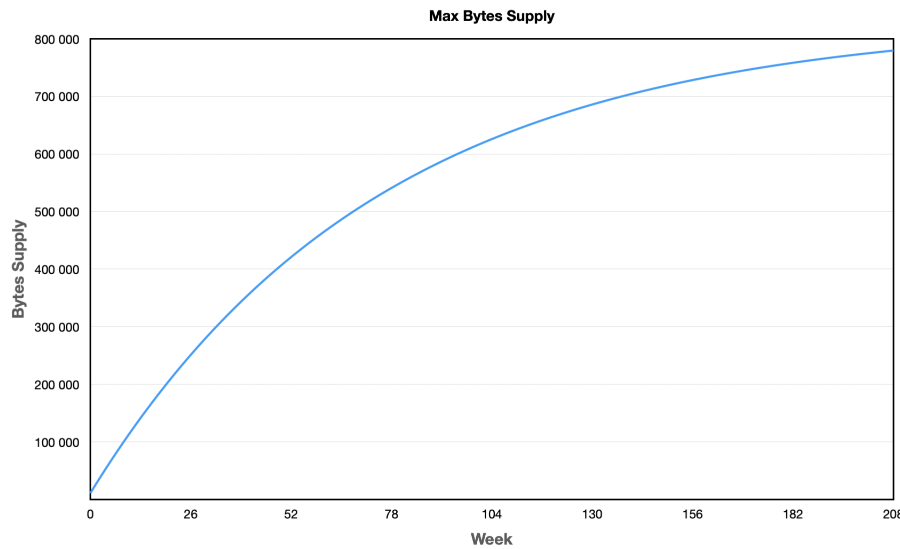
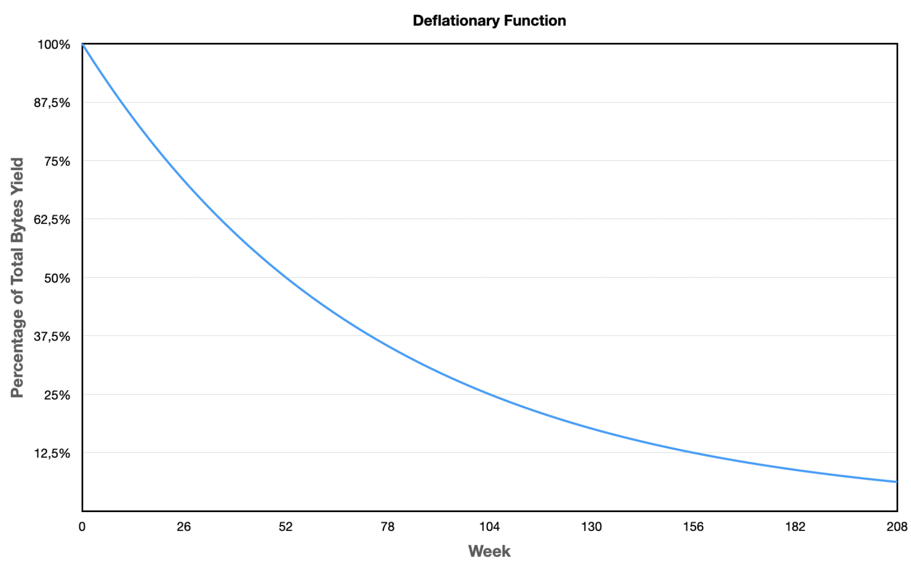
$BYTES 2.0 LAUNCH TOKENOMICS FINAL

$BYTES Supply and Yield Curves:





Daily Yield Exponential Smooth Curve Decay Function: 1/(pow(2,(a/52))) - math.js

(chart figures are not exact)

Emission Streams:

- **S1 Citizen Yield Pool**
- **S2 Outer Citizen Yield Pool**

Staking Options for all pools are: 1 Month, 3 Months, 6 Months, 1 Year, 2 Years
Staking periods are locked so there is no early unstaking of Citizens, Vaults, and $BYTES
When the staking period ends, the user is able to unstake their Citizen, Vaults, and $BYTES
$BYTES Yield can be claimed as often as you'd like. It is not blocked by the staking period.

S1 Citizen Yield Pool:

- S1 Identity Credit Yield Points and S1 Staking Period Boost are defined in the following tables.

S1 ID Credit Yield Trait	Points
Low	1
Medium	2
High	3

S1 Staking Period	Staking Boost
1 Month	No boost
3 Months	1.25x
6 Months	1.5x
12 Months	2x
24 Months	3x

Maximum $BYTES Emissions per Day for S1 Identities	4,000 (starting max)

Community Staking Incentive						
% of S1 Citizen	0%-49%	50%	60%	70%	80%	90%+

Supply locked						
$BYTES Emissions per day	1,500	2,000	2,500	3,000	3,500	4,000

Vault + $BYTES Yield Modifiers:

- S1 Vault Credit Multiplier and S1 $BYTES Staked Points are defined in the following tables.

Vault Credit Multiplier Trait	**Multiplier**
Low	1
Medium	1.5
Medium-High	1.75
High	2
Very High	2.5
?	3

$BYTES Staked	**Points**
200	1
400	2
600	3
800	4
1000	5
1200	6
1400	7
1600	8
1800	9
2000	10

- Based on the “Credit Multiplier” of each S1 Citizen’s Vault card. These emissions are split from a predefined amount of $BYTES generated per day. Each Citizen receives a percentage of these $BYTES based on their point weighting. This token supply stream follows a similar decaying emission curve to the one shown above in “Chart 1.” Points Per Citizen is defined by:

Calculation with Vault:

- PPC = (S1 Credit Yield Points * Vault Multiplier * Staking Period Points) + $BYTES Points

Calculation without Vault:

- PPC = (S1 Credit Yield Points * Staking Period Points) + $BYTES Points

For every 200 $BYTES staked you receive 1 point. Partial points are supported. Staking 250 $BYTES = 1.25 points.
S1’s without Vaults can stake a maximum of 200 $BYTES.
S1 Citizens with Vaults can stake a maximum of 2000 $BYTES.
Hand Citizens have the equivalent of the ? vaults.
S1 Citizen, Vault, and $BYTES staking periods are forced to unlock at the same time.
$BYTES can be staked into an already-staked Citizen, and this increases the points accrued to that Citizen moving forward without extending the staking period.
At time of Citizen staking, a Vault can be staked with an assembled S1 Citizen that doesn’t already have a vault attached.
If a user tries to stake a new vault with an S1 that already has a vault attached, this fails. Vault overriding does not work.

Example: User tries to stake their Vault with $BYTES without staking an S1 Citizen. **Result:** User cannot stake their Vault with $BYTES prior to staking an S1 Citizen.
Example: User has an S1 Citizen with Vault and $BYTES Staked, and the Citizen unstakes after exceeding the staking period. **Result**: The Citizen is unstaked and this forces the unstaking of the Vault and $BYTES.
Example: User tries to unstake Vault before end of staking period. **Result**: Vault cannot be unstaked before the end of the staking period.
Example: User tries to remove $BYTES staked before end of staking period. **Results:** $BYTES cannot be unstaked before the end of the staking period.

Maximum $BYTES Emissions per Day for Vaults	6,000 (starting max)

Community Staking Incentive

% of total $BYTES supply staked	0-29%	30%	35%	40%	45%	50%+
$BYTES Emissions per day	2,250	3,000	3,750	4,500	5,250	6,000

S2 Outer Citizen Yield Pool:

- Based on the "Allocation" trait of each S2 Citizen's Identity card. These emissions are split from a predefined amount of $BYTES generated per day, each Citizen receives a percentage of these $BYTES based on their point weighting. This token supply stream follows a similar decaying emission curve to the one shown above in "Chart 1". Points per citizen (PPC)is defined as:
    - *PPC = (S2 Allocation Yield · Staking Boost) + $BYTES bonus*.

S2 Citizens can stake a maximum of 200 $BYTES.

S2 Allocation Yield Trait	Points
Low, Med, High, Very High, Top Tier	1

S2 Outer Citizen Staking Period	Staking Boost
1 Month	No boost
3 Months	1.25x
6 Months	1.5x
12 Months	1.75x
24 Months	2x

$BYTES Staked	Points
200	1

Maximum $BYTES Emissions per Day for S2 Identities	1,000 (starting max)

Community Staking Incentive						
% of S2 Citizen Supply locked	0%-49%	50%	60%	70%	80%	90%+
$BYTES Emissions per day	375	500	625	750	875	1,000

Staking Mechanics

- Staking Types
  - [ ] S1 staking Citizen (S1 Pool)
  - [ ] S1 staking $BYTES with Vault (S1 Pool)
  - [ ] S1 staking $BYTES without Vault (S1 Pool)
  - [ ] S2 staking Citizen (S2 Pool)
  - [ ] S2 staking $BYTES (S2 Pool)

NT Treasury

- Tax for all yield emissions = **3%** to NT Treasury

Other Links:

- Becker's Blog: https://blog.neotokyo.codes/bytes-2/

FAQ:

1. *Will I have to do anything with my current $BYTES after $BYTES 2.0 launches?*
   a. Yes, $BYTES owners will have to use a new tool on the neotokyo.codes site to burn $BYTES 1.0 to receive the equivalent amount in $BYTES 2.0.

2. *Where will I be able to stake my $BYTES and/or Citizens?*
    a. The Citizen Banking tab on the profile page at neotokyo.codes/profile will be used for all new $BYTES 2.0 staking features.
3. *What happens to my NFT when I stake it?*
    a. Staking your citizen will mint a placeholder NFT and be placed in your wallet.
    b. When you un-stake, this placeholder NFT will be burned and your actual citizen NFT will be placed back in your wallet.
    c. The placeholder NFT will be transfer locked, so it cannot be sold or traded
4. *Does my S1 Citizen still Yield $BYTES 1.0?*
    a. No, $BYTES 1.0 yield and claim were disabled on Wednesday, August 10th.
5. *Can I still claim my BYTES 1.0 Yield?*
    a. No, claiming was disabled forever on Wednesday, August 10th.
6. *Can a Non-Citizen stake $BYTES?*
    a. Non-Citizens will not be able to stake $BYTES.
7. Are there additional Liquidity Rewards?
    a. At launch, there are no additional $BYTES liquidity rewards.
    b. We've built liquidity rewards emissions to enable in the future if needed.
8. Can I add more $BYTES after the initial staking?
    a. Yes, additional $BYTES can be staked into an already-staked Citizen, and this increases the points accrued to that Citizen moving forward without extending the staking period.