

Bloomberg Galaxy DeFi Index

The Bloomberg Galaxy DeFi Index is a modified market cap-weighted benchmark tracking the largest decentralized finance (DeFi) protocols and apps that use smart contracts on blockchains to offer financial services such as lending, market-making and insurance, without a central financial intermediary. Index constituents are rebalanced monthly and have passed screens for pricing integrity and institutional liquidity/custody.

KEY FEATURES

- Tracking the performance of USD-traded DeFi assets
- Third-Party expert assessment on pricing sources for risk and suitability
- Calculated daily using [Digital Asset Research](#) (DAR) pricing methodology
- Rebalanced and reconstituted monthly

GUIDING PRINCIPLES

Bloomberg administers the benchmark according to four guiding principles:

1. Data Integrity	Eligible prices are sourced in accordance with DAR Exchange Vetting and Pricing methodology.
2. Diversification	No single constituent target weight can exceed 40% or contribute below 1% of the market capitalization of the Index.
3. Representative	The Index seeks to provide a proxy for the broader DeFi market.
4. Continuity	The Index is intended to be responsive to the changing nature of the market in a manner that does not completely reshape the character of the Index from year to year.

CONSTITUENT SELECTION

Assets that meet all the following criteria are eligible for inclusion in the Index:

1. Digital asset classified as Decentralized Finance by Digital Asset Research
2. Institutionally traded and custodied with US-based institutions.
3. Not deemed a security by the US Security and Exchange Commission (SEC).
4. Pricing available from a minimum of three sources vetted by Digital Asset Research.
5. Constituent has met the above eligibility requirements for three consecutive monthly rebalances.
6. Hard forks¹ are considered using the same criteria as any established digital asset.

¹ A hard fork occurs when a blockchain protocol is radically changed, such that it becomes incompatible with older versions. In effect, participants taking part in transactions on the old blockchain must upgrade to the new one in order to continue validating transactions.

CONSTITUENT WEIGHTS & CORRELATION MATRIX

October 2021 Target Weights

Name	Symbol	Target Weight
Uniswap	UNI	40.00%
Aave Decentralized Lending Pools	AAVE	17.48%
MakerDao	MKR	10.55%
Compound	COMP	8.94%
SushiSwap	SUSHI	6.26%
Synthetix	SNX	5.49%
Yearn.finance	YFI	5.09%
Ox	ZRX	3.47%
Universal Market Access	UMA	2.72%

Legend

Name	Ticker	Index Name
US Agg	LBSTRUU	Bloomberg US Aggregate Bond Index
B500	B500T	Bloomberg US Large Cap Index
BCOM	BCOMTR	Bloomberg Commodity Index
DEFI	DEFI	Bloomberg Galaxy DeFi Index
BTC	BTC	Bloomberg Galaxy Bitcoin Index
Gold	BCOMGCTR	Bloomberg Gold Index
60/35/5	BMADM635	60% Bloomberg DM Large-Map Cap Index + 35% Global Agg Index + 5% Bloomberg Commodity Index

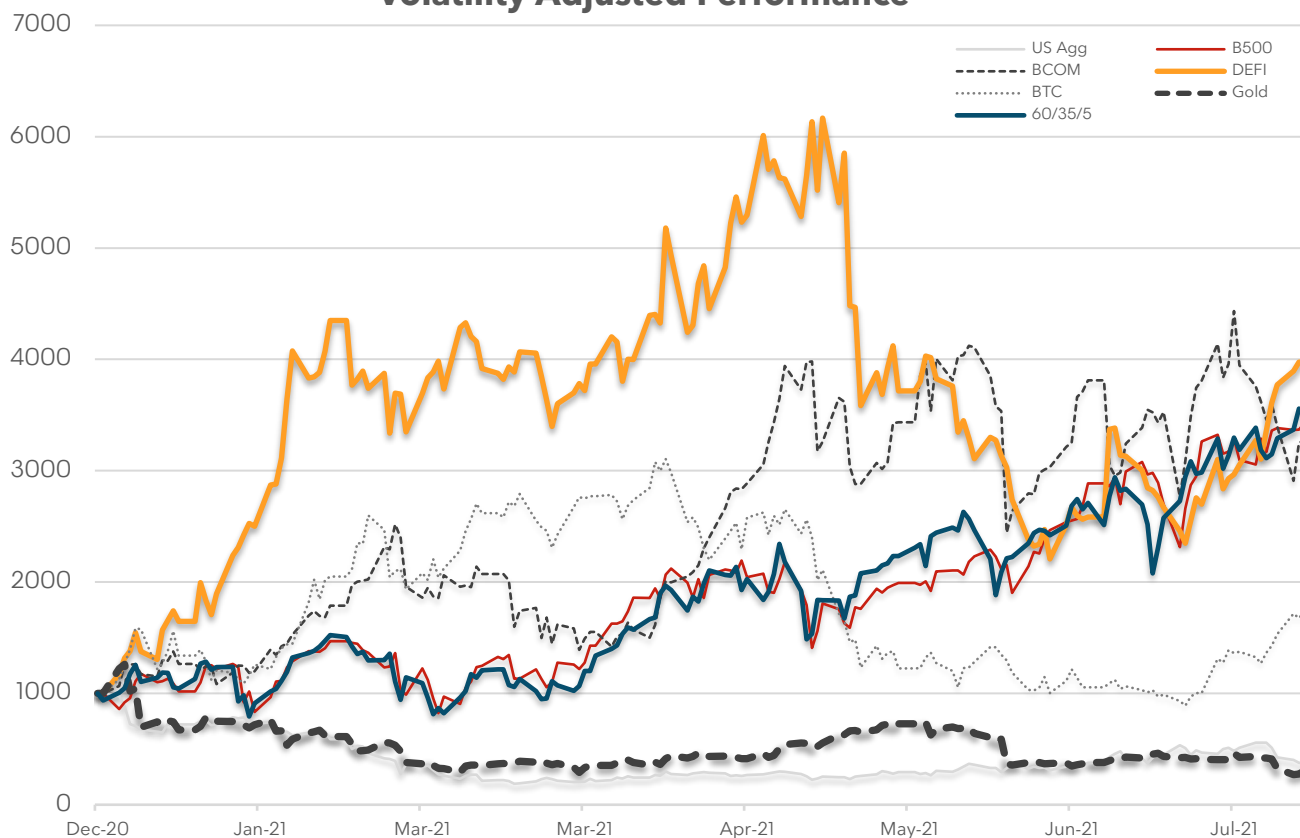
Correlation Matrix

31 Dec 2020 - 22 Aug 2021

	DEFI	B500	US Agg	BCOM	Gold	BTC
DEFI		0.2%	2.5%	15.3%	9.3%	56.2%
B500	0.2%		7.6%	0.6%	4.3%	0.9%
US Agg	2.5%	7.6%		-15.3%	14.9%	-8.3%
BCOM	15.3%	0.6%	-15.3%		44.9%	14.4%
Gold	9.3%	4.3%	14.9%	44.9%		-4.9%
BTC	56.2%	0.9%	-8.3%	14.4%	-4.9%	

PERFORMANCE

Volatility Adjusted Performance ²



² To compare indices across a wide range of volatilities, we first rebase all time-series to 1000 (DeFi's base), and then apply a scaling factor to daily changes so that the realized daily volatility for each time-series equals that of the benchmark (DeFi).

QUICK FACTS

Bloomberg Ticker	DEFI Index
Weighting	Modified market cap
Currency	USD
Review Frequency	Monthly (reconstitution and rebalance)
History	Dec 31, 2020
Inception	Aug 11, 2021
Weighting	Based on market capitalization; calculated as product of circulating supply and price. Subject to weighting restrictions applied monthly such that no asset constitutes more than 40% or less than 1% of the Index. Between rebalancings, weights will fluctuate.
Calculation Frequency	Daily (4pm), Mon-Fri
Pricing	Time-weighted average price (TWAP) derived from eligible, non-outlier trades that occur within a 30-minute window prior 4pm ET. Quoted currency is USD. Prices sources have passed all of DAR's quantitative and qualitative criteria and are the most trustworthy exchanges that are not known to report inflated volumes and have robust policies and practices in place to prevent manipulative behavior.
Index Calendar	Index levels are published Monday-Friday on New York Stock Exchange trading days.

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