

A DAppTotal Report On DeFi Industry (1H 2019)

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PeckShield, Inc

- ❑ An industry leading blockchain security and data analysis company based in China
- ❑ Strategic partners include Block.One, Nervos, MakerDAO etc (Security Audits)
- ❑ Data Analysis Platform, dapptotal.com



DAppTotal Report on DeFi Industry

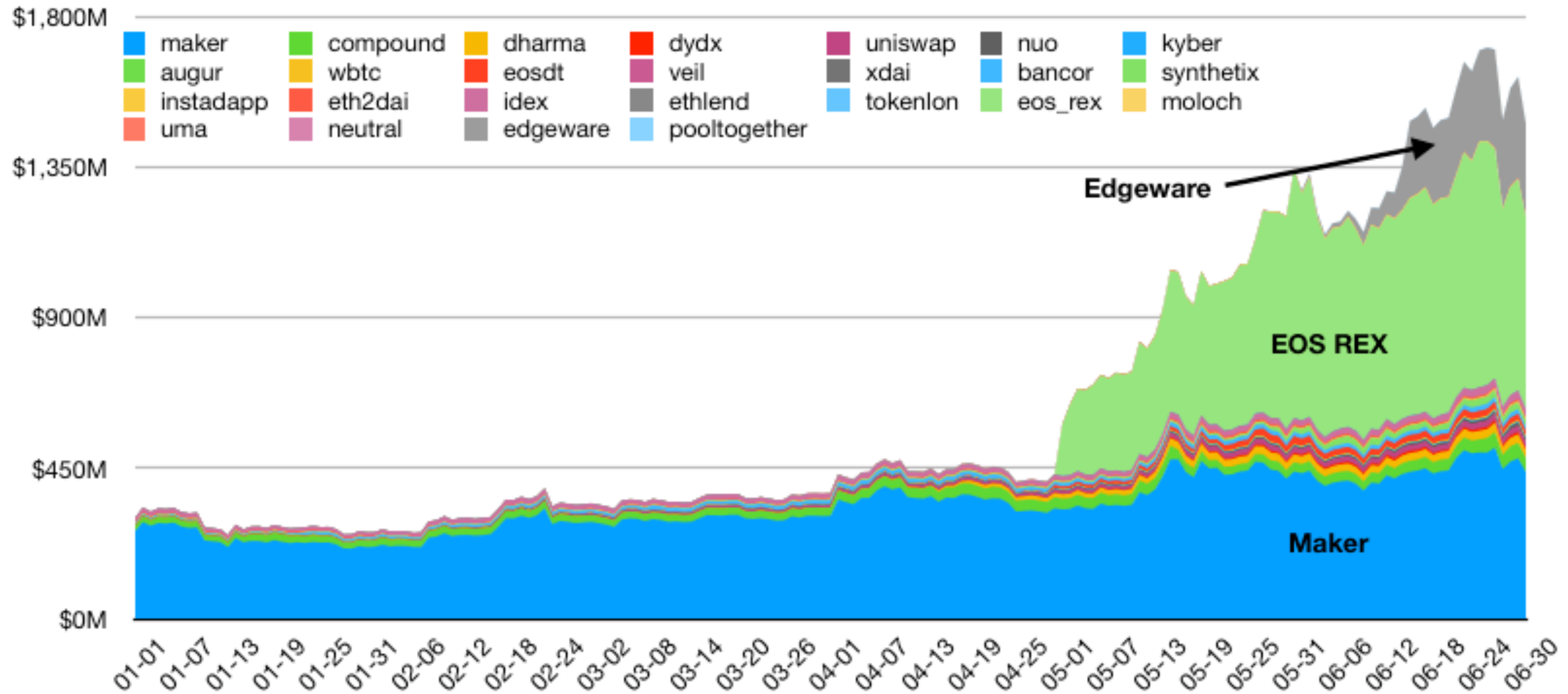
❑ <https://medium.com/@dapptotalcom/a-dapptotal-report-on-defi-industry-in-the-first-half-of-2019-d8908aa37d0d>








DeFi Report Summary

- ❑ DeFi industry started to attract attention in 2018, and expanded rapidly in 2019. The total locked value increased from \$302M (01/01) to \$1.49B (06/30)
 - Stablecoin
 - DeFi Lending
 - Decentralized Exchange (DEX)

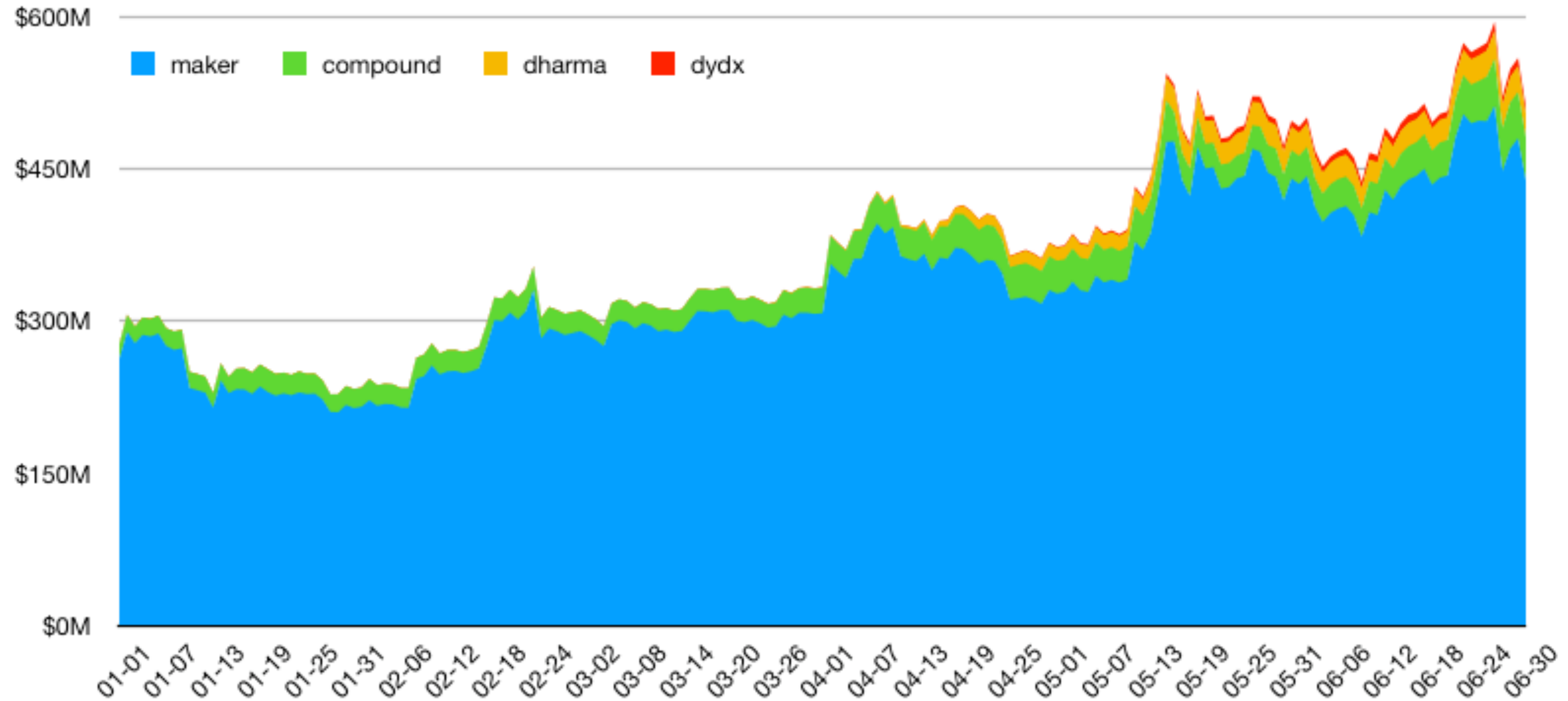
Total Locked Value of DeFi Applications



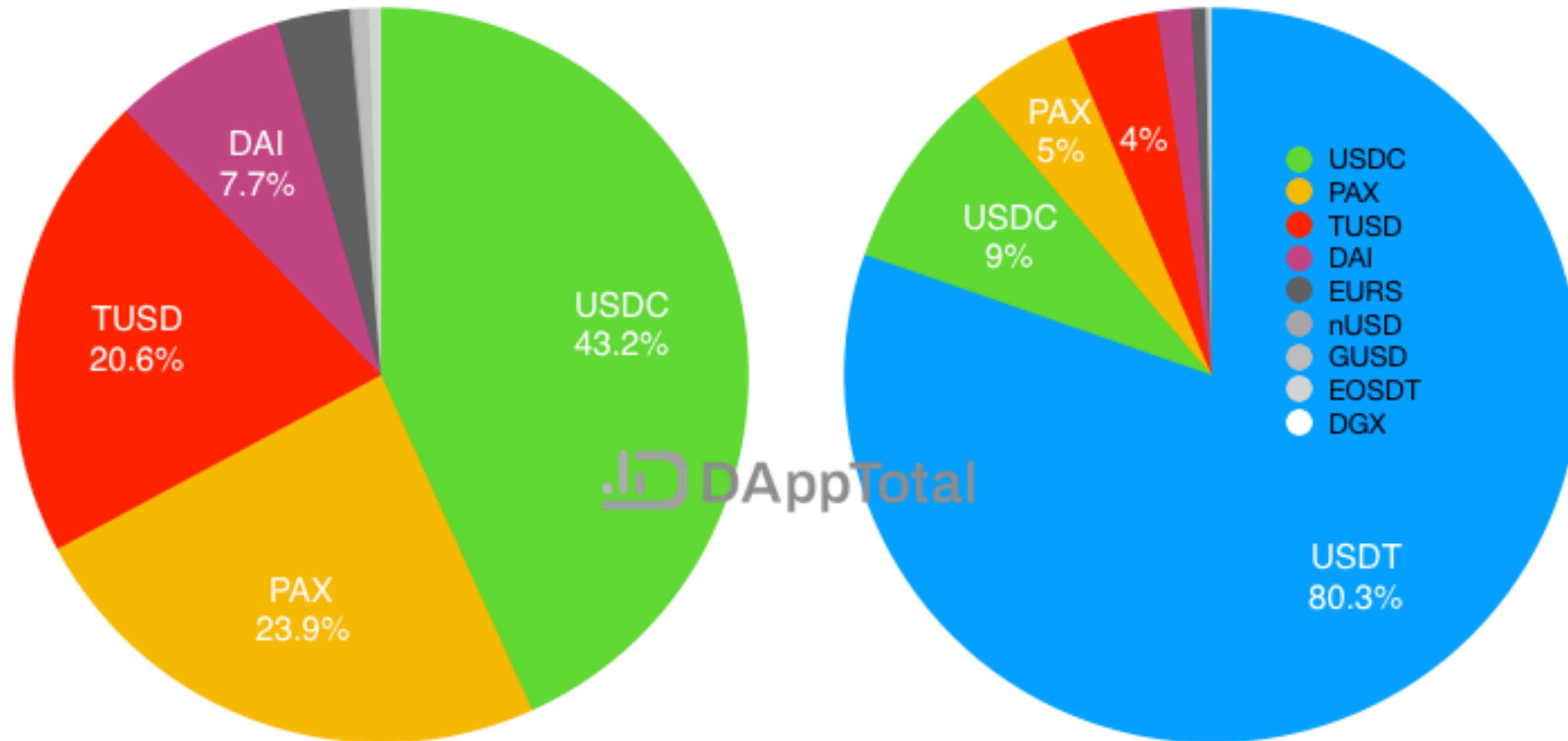
Top DeFi Applications

		Blockchain	Category	7Day Active Users	Holding(USD)	7Day %
1	 EOS REX	EOS	Lending	2.47K	\$573.3M	-16.03%
2	 Maker	ETH	Lending	66	\$438.64M	-11.43%
3	 Edgeware	ETH	Lockdrop	252	\$279.35M	4.82%
4	 Compound	ETH	Lending	91	\$42.72M	11.83%
5	 Dharma	ETH	Lending	3	\$23.43M	-6.86%

Total Locked Value of DeFi Lending Apps.



The State of Stablecoins (07/31)



Emerging Stablecoins Market Share

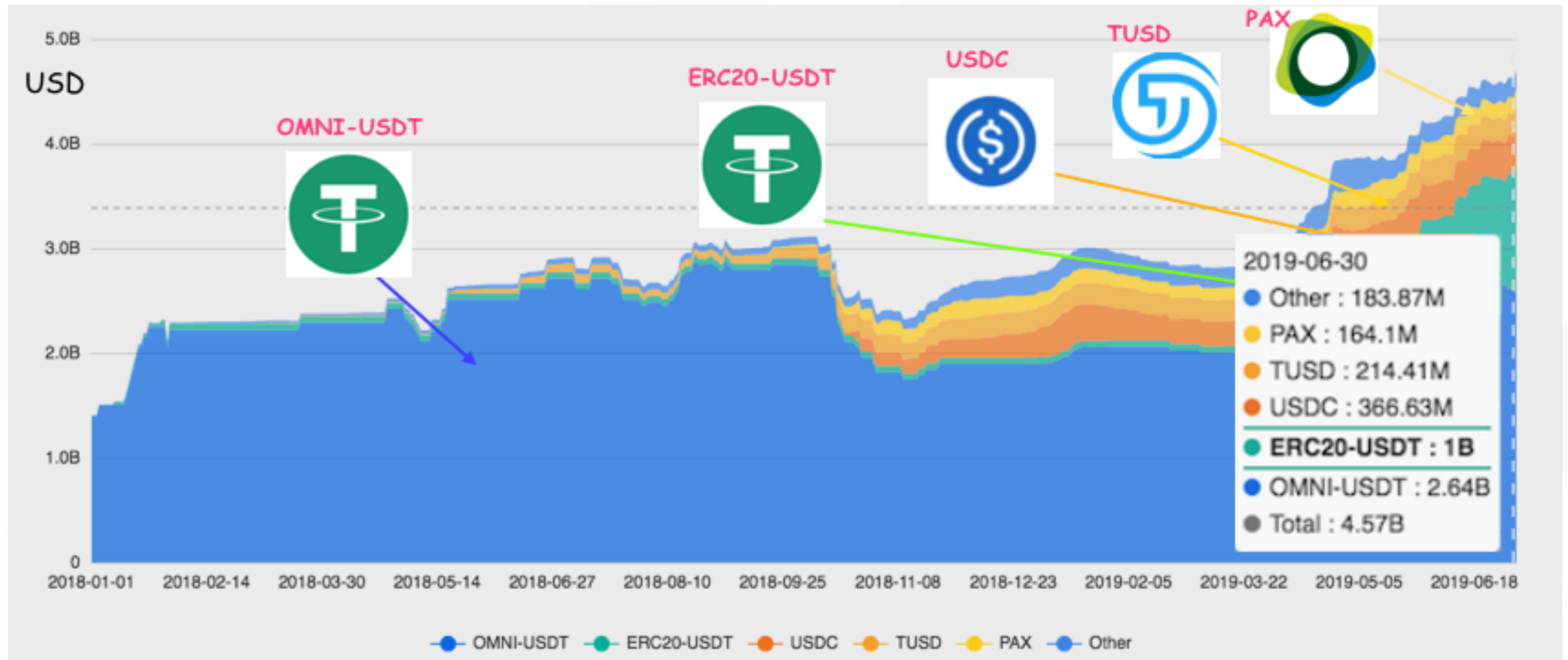
Stablecoins Market Share

The State of Stablecoins

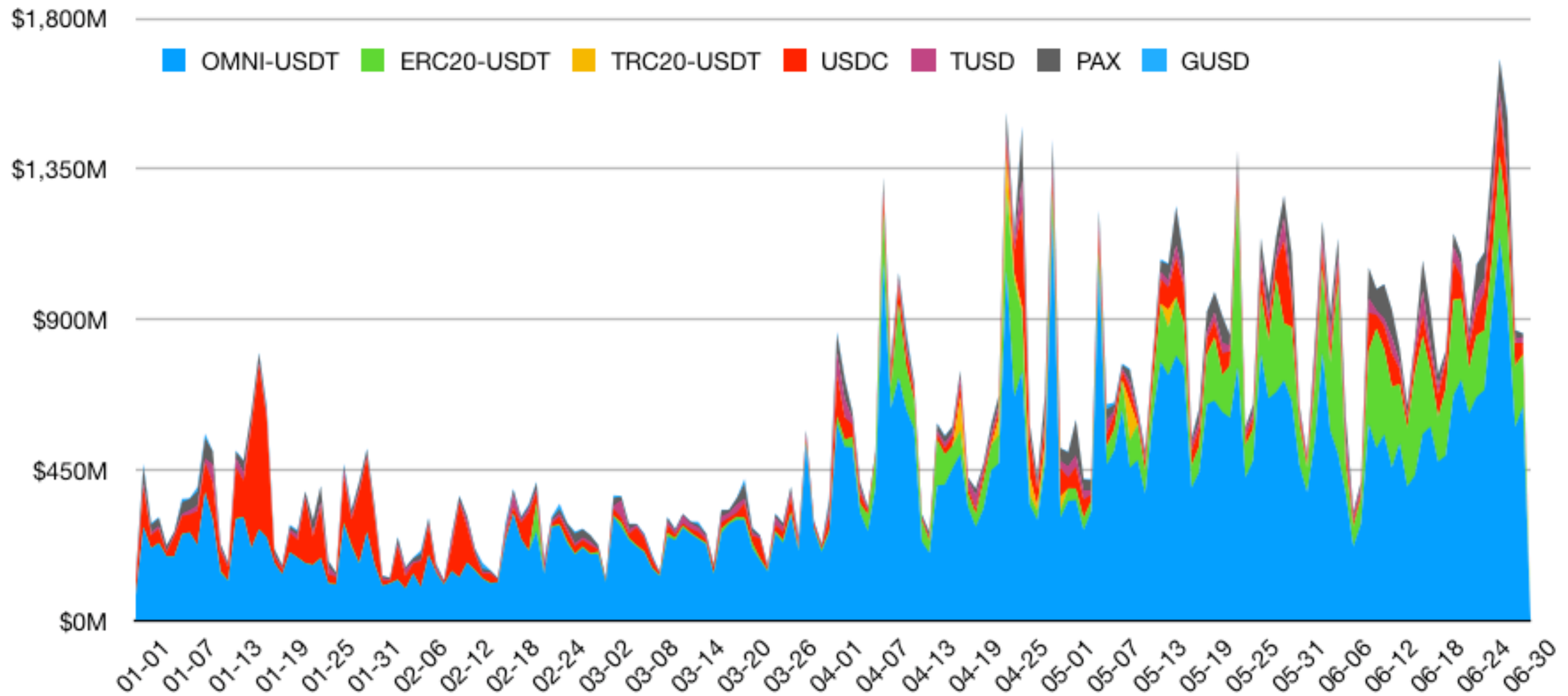
Stablecoin Total Circulation (07/31/2019)

Stablecoin	Total Circulation
OMNIUSDT	2,558,260,455.94
ERC20USDT	1,450,010,000.00
TRC20USDT	107,402,000.60
USDT	4,115,672,456.54
USDC	436,169,024.91
PAX	241,194,726.15
TUSD	207,701,005.37
DAI	77,376,194.28
EURS	31,979,206.85
nUSD	1,536,150.25
GUSD	7,176,884.05
EOSDT	5,387,324.26
DGX	111,000.00
	1,008,631,516.13

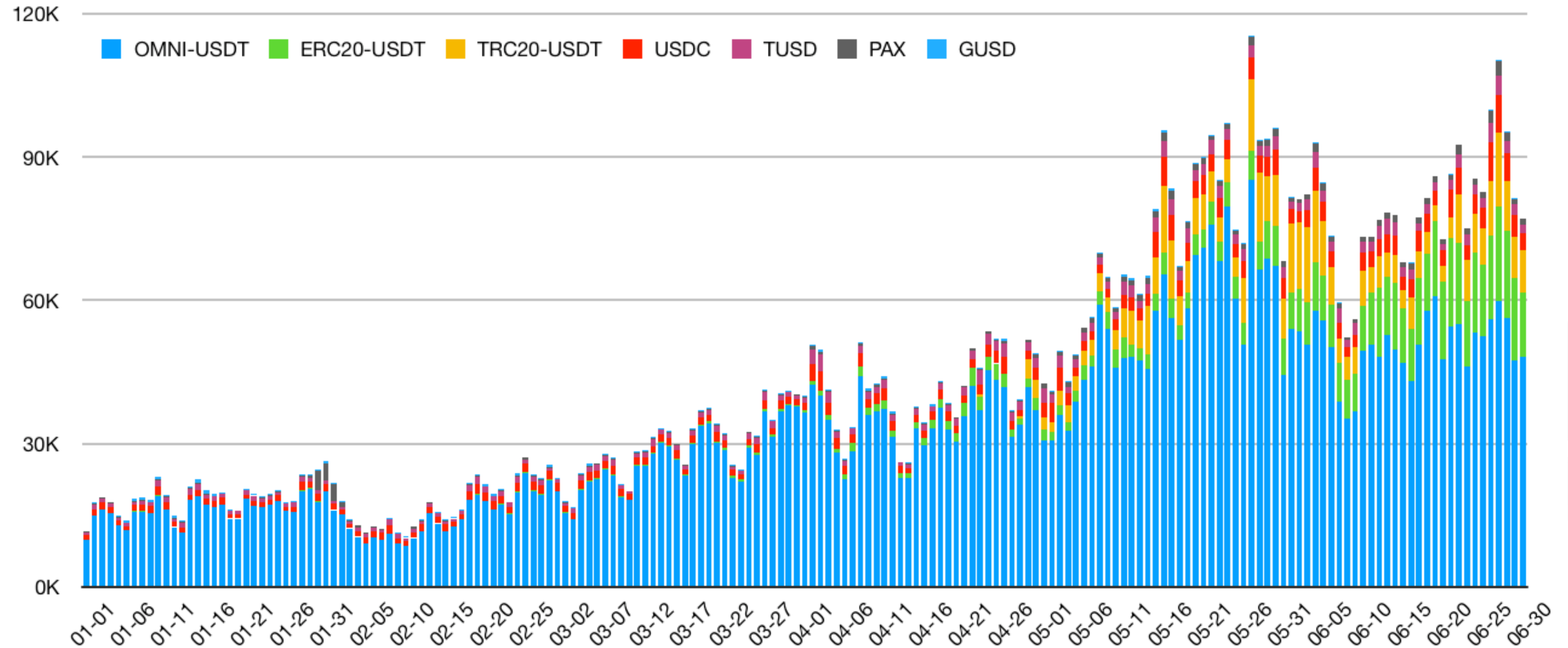
The Circulation History of Stablecoins



The Daily Volume of Stablecoins



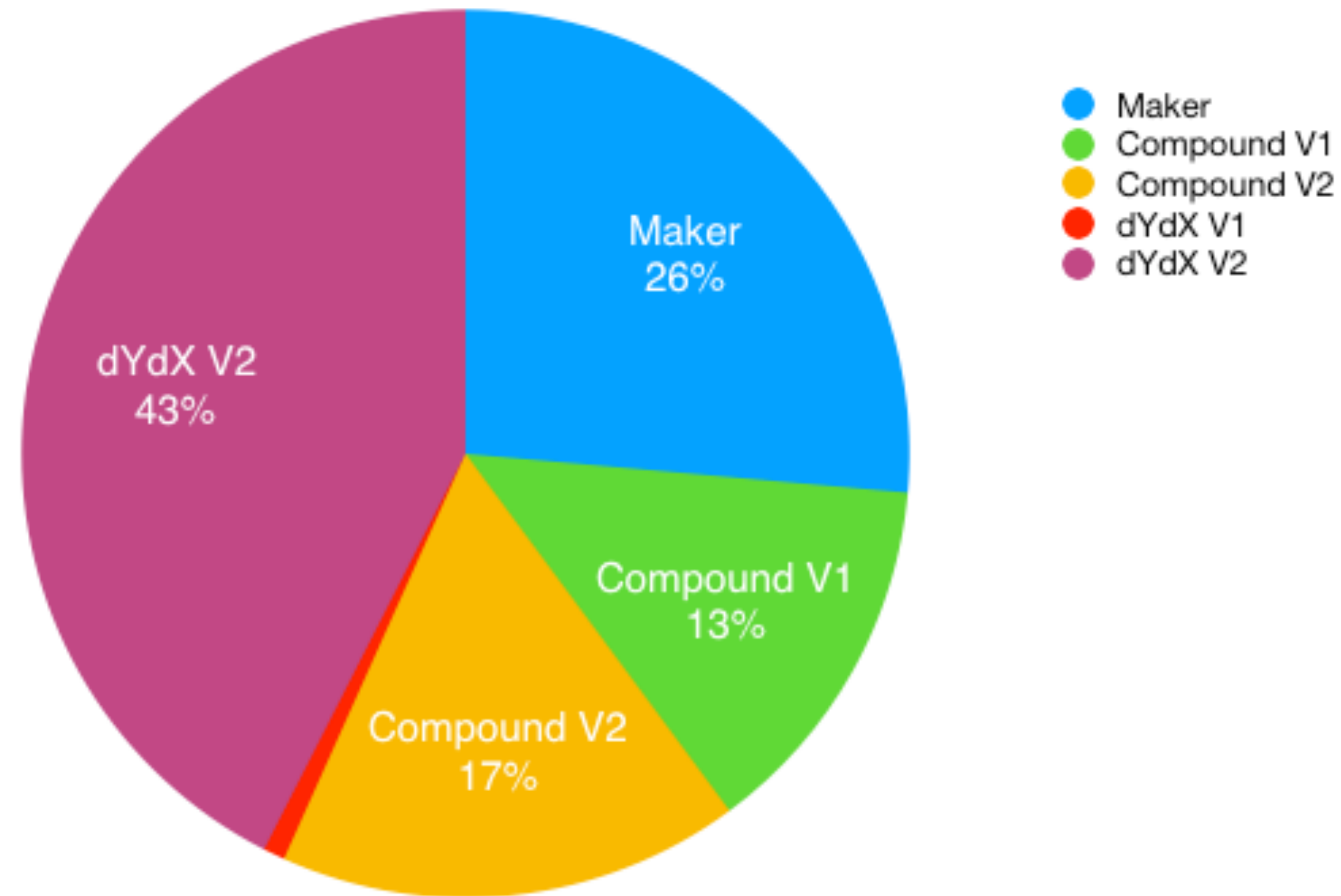
The Daily Txns Count of Stablecoins



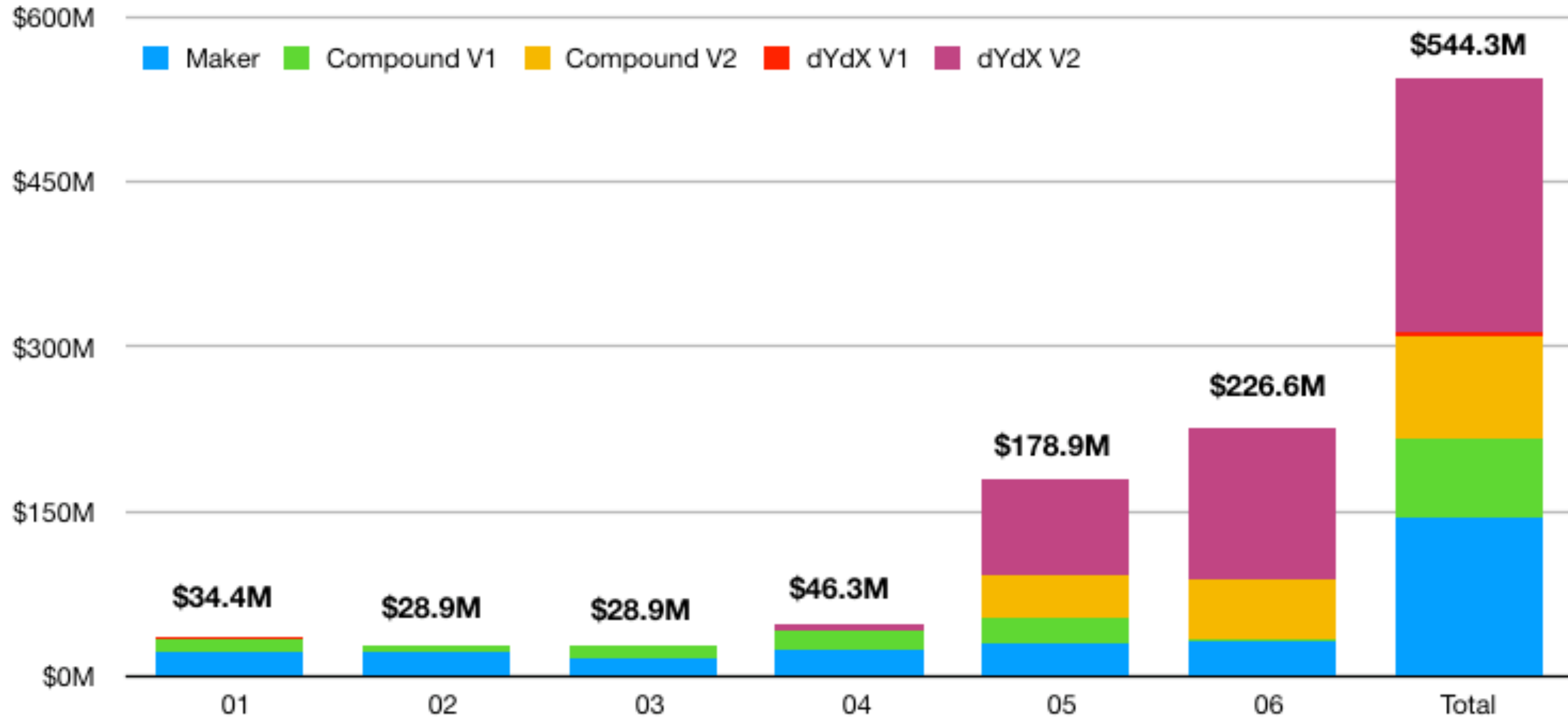
Stablecoin – Key Takeaways

- ❑ Most stablecoins are issued on Ethereum and pegged to US dollars
- ❑ USDT is still the dominant stablecoin (80% market share)
- ❑ Stablecoin issuance has accelerated since April
- ❑ Main usage of stablecoins is still price hedging and trading of other crypto currencies
- ❑ Stablecoin as a tool of payments is still not developed yet

DeFi Lending – Total Originations (1H 2019)



DeFi Lending – Monthly Originations

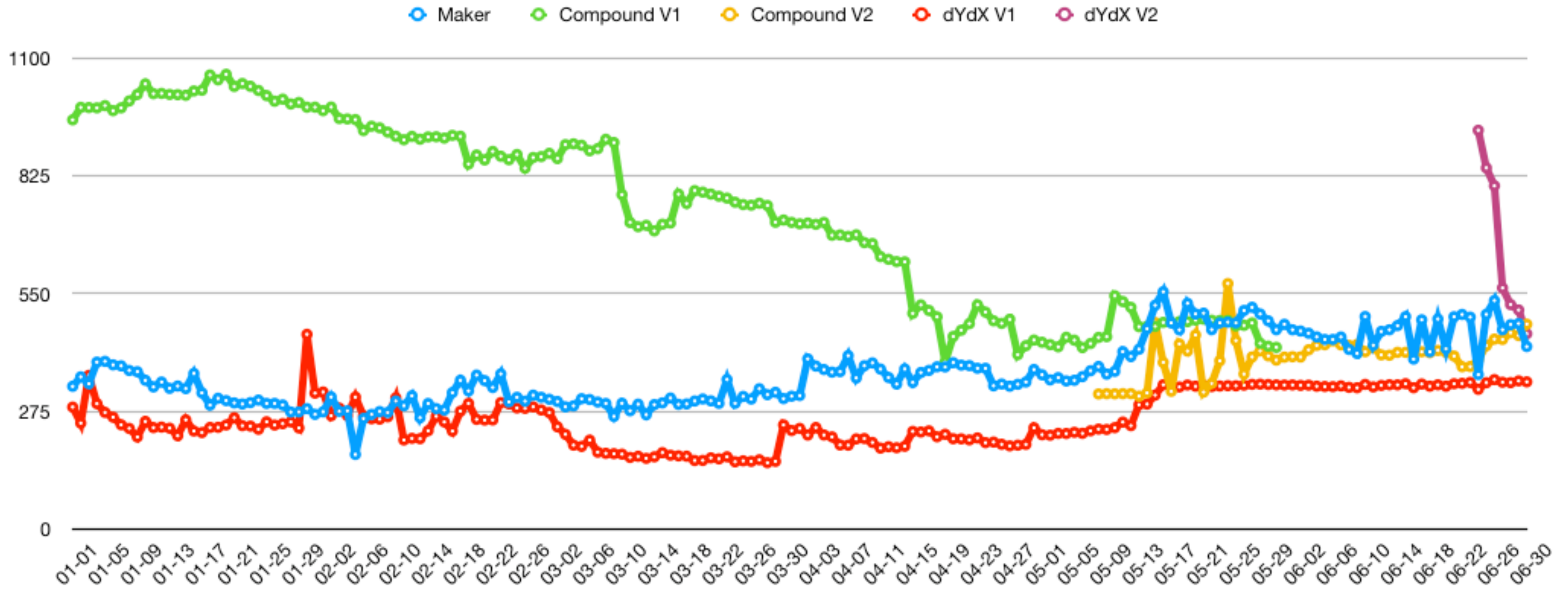


DeFi Lending – Monthly Originations

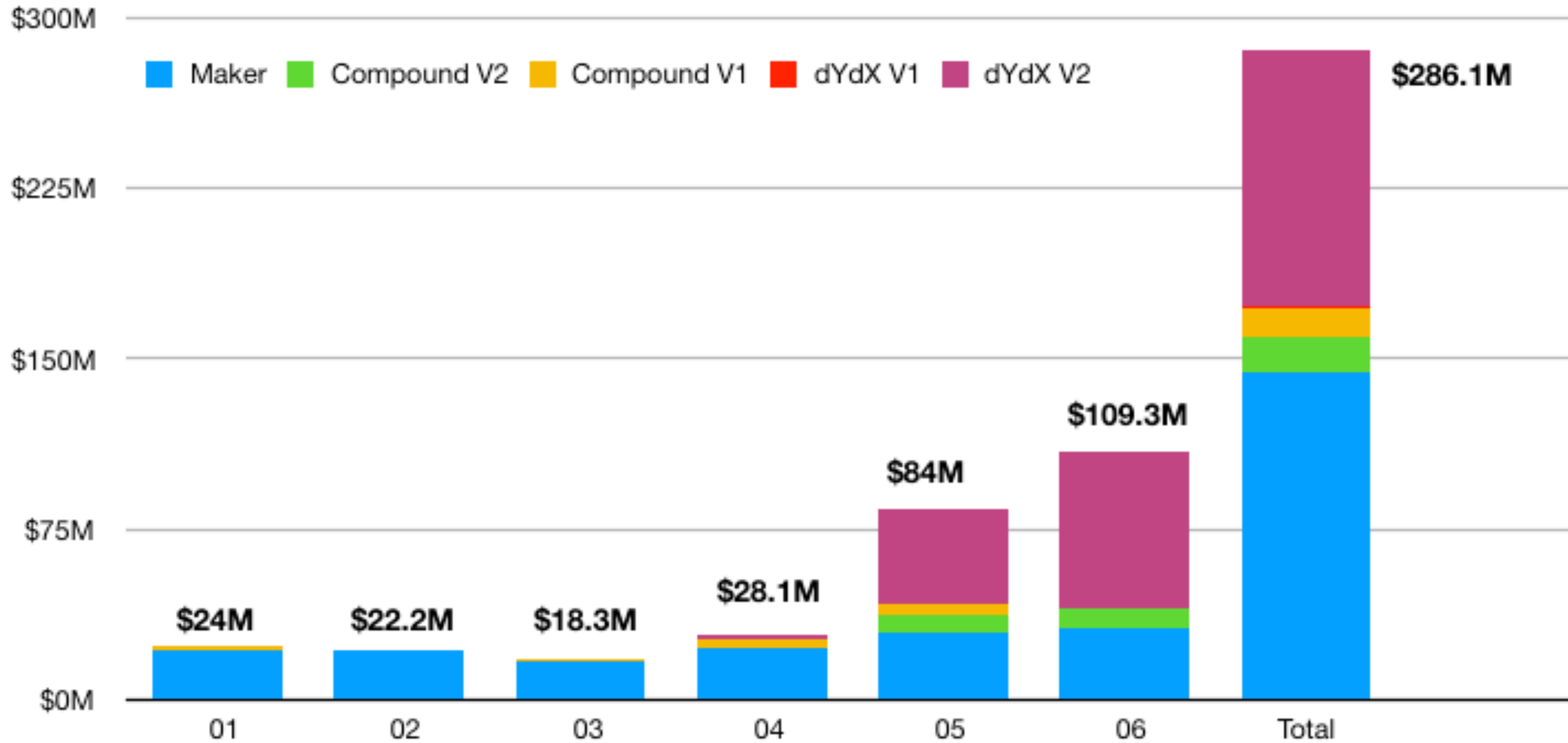
Monthly Originations of 2019

month	Maker	Compound V1	Compound V2	dYdX V1	dYdX V2	
01	21929178.17	11054271.96	0	1499386.82	0	34482836.95
02	21611263.38	6446067.27	0	854747.39	0	28912078.04
03	16453931.70	11685831.58	0	828863.71	0	28968626.99
04	22980100.58	17791634.92	0	1002617.74	4591267.15	46365620.39
05	29273220.48	24434146.08	37643091.59	92963.05	87502205.54	178945626.74
06	31440337.63	1873219.25	54068078.34	0	139259424.79	226641060.01
Total	143688031.94	73285171.06	91711169.93	4278578.71	231352897.48	544315849.12

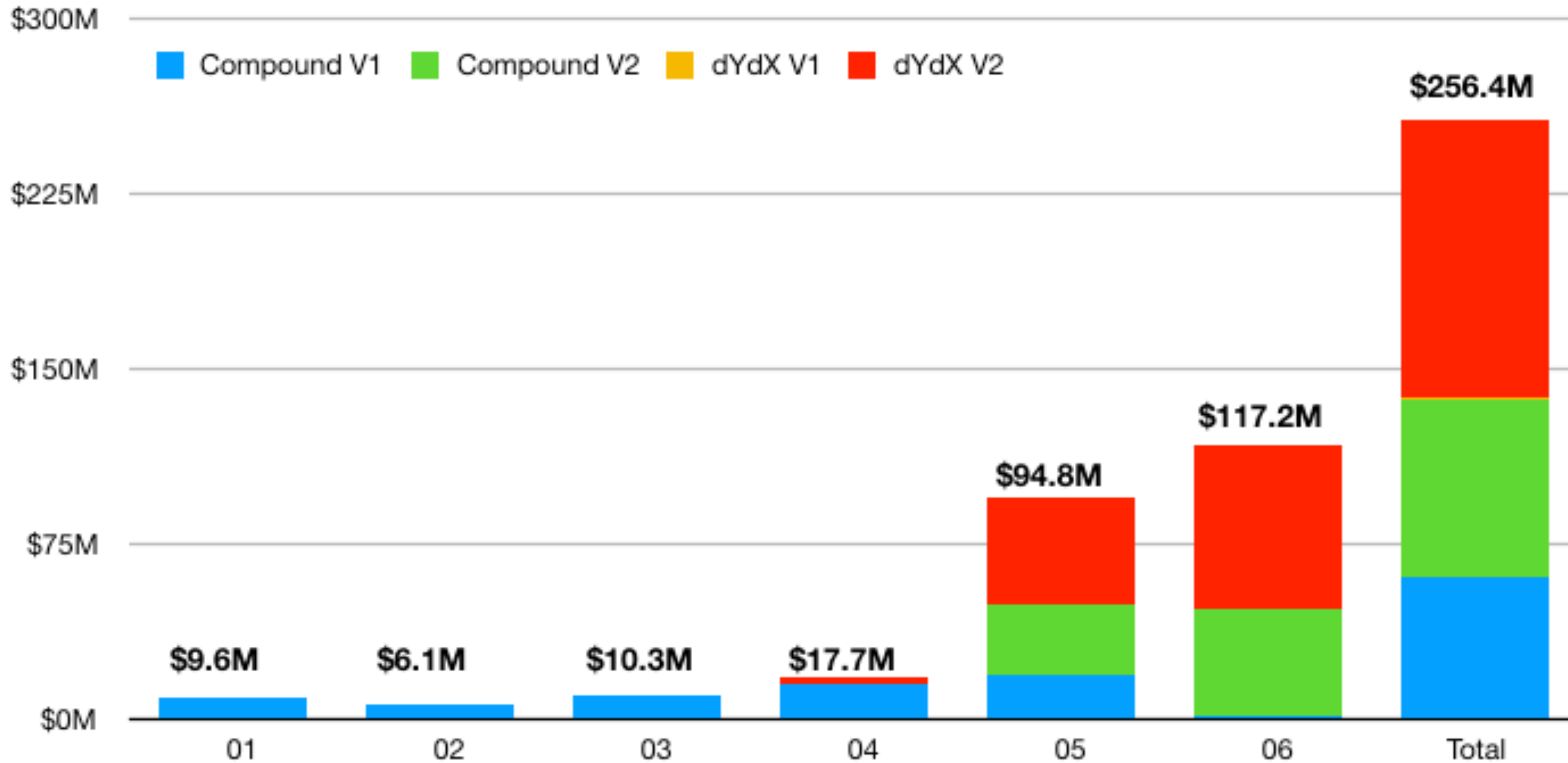
DeFi Lending – Collateral Ratio Graph



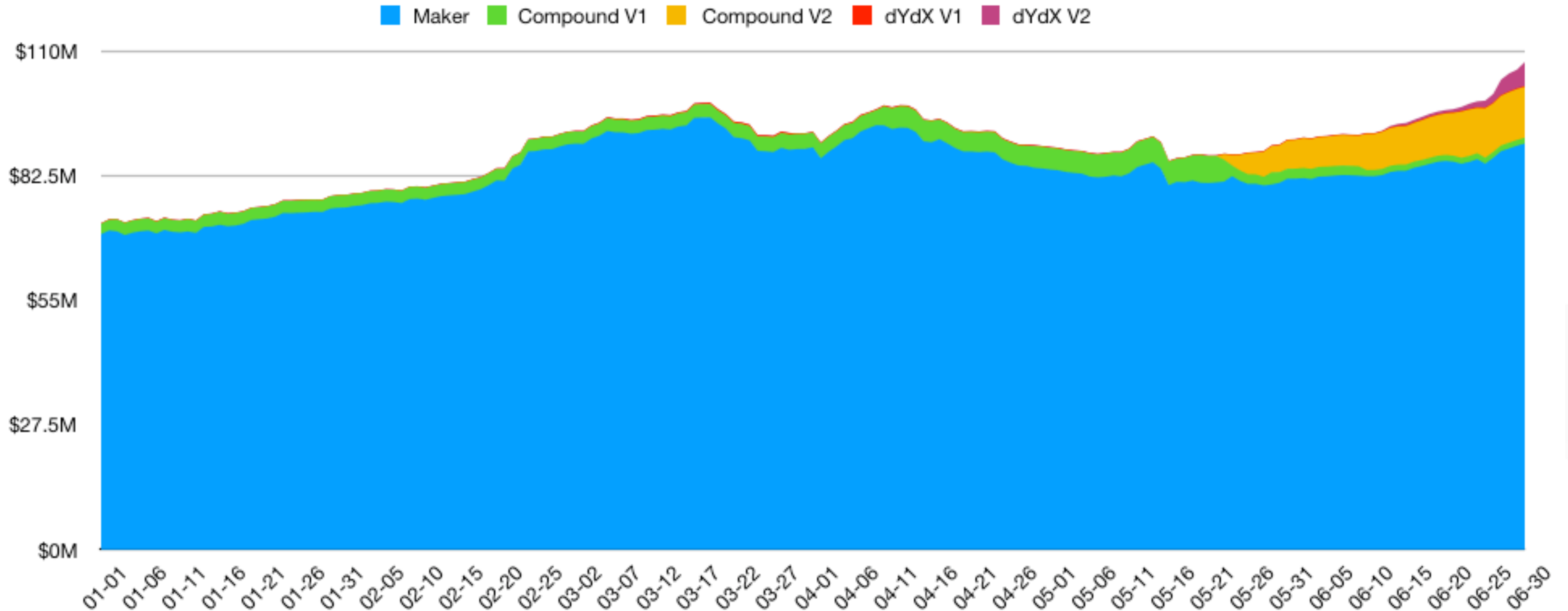
DeFi Lending – Monthly Borrows



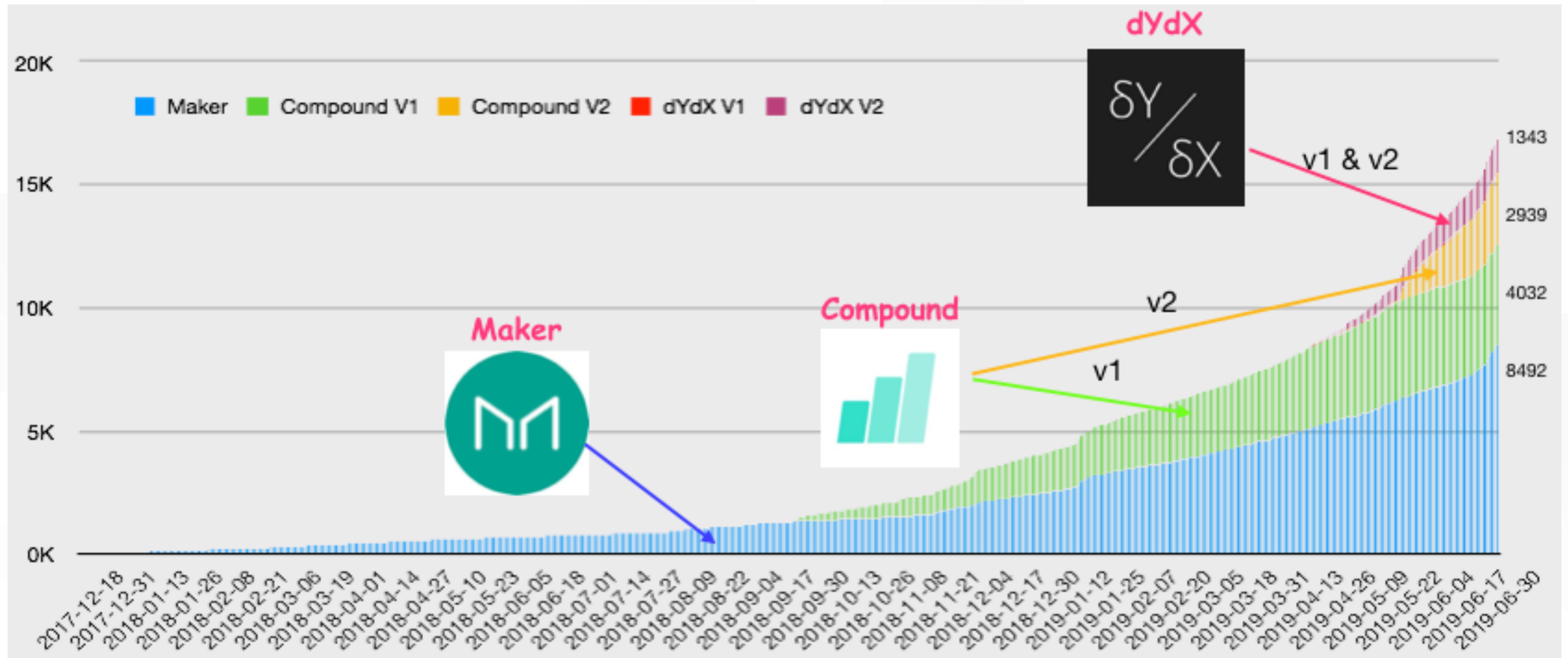
DeFi Lending – Monthly Loans



DeFi Lending – Active Loan Outstanding



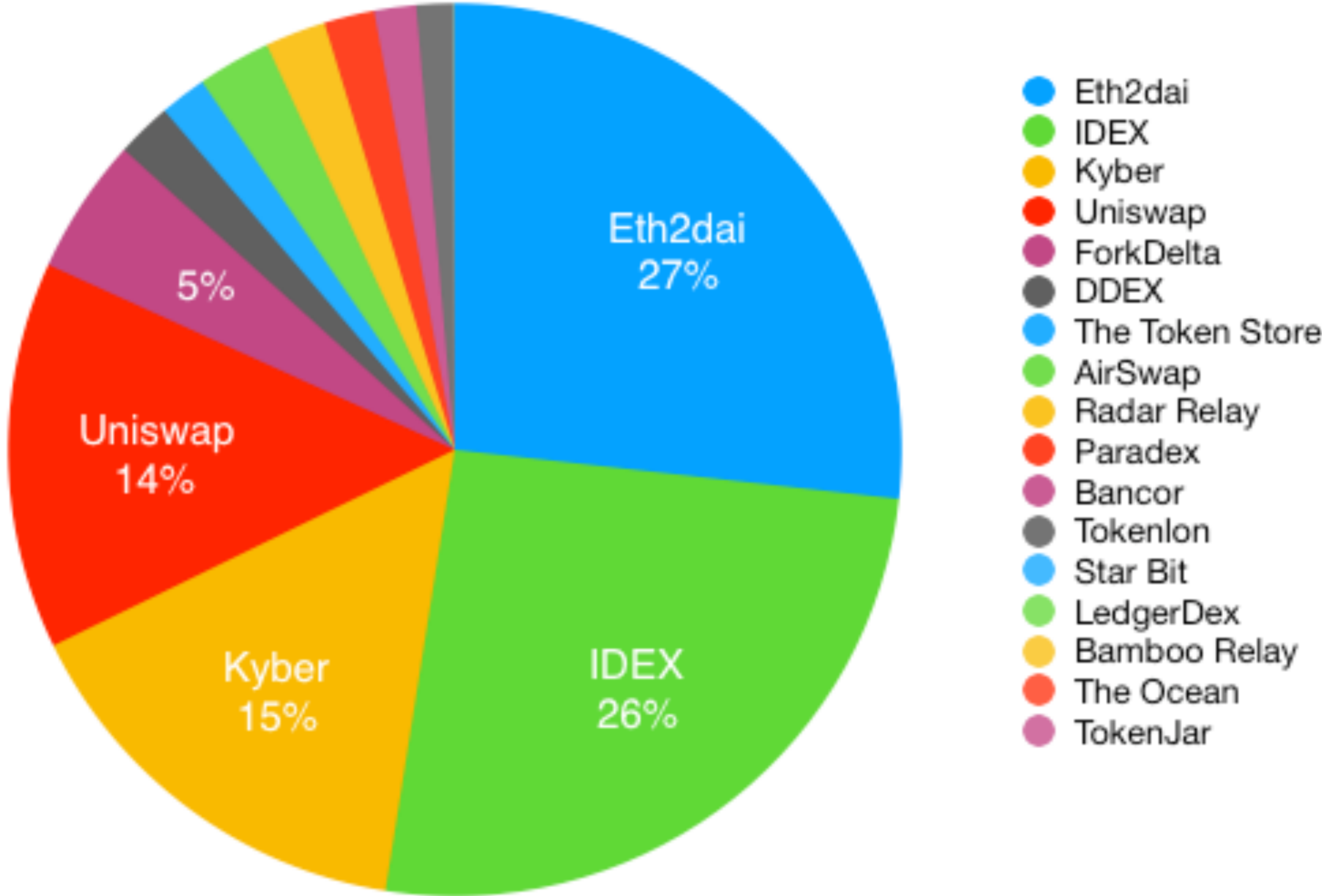
DeFi Lending – Active Users



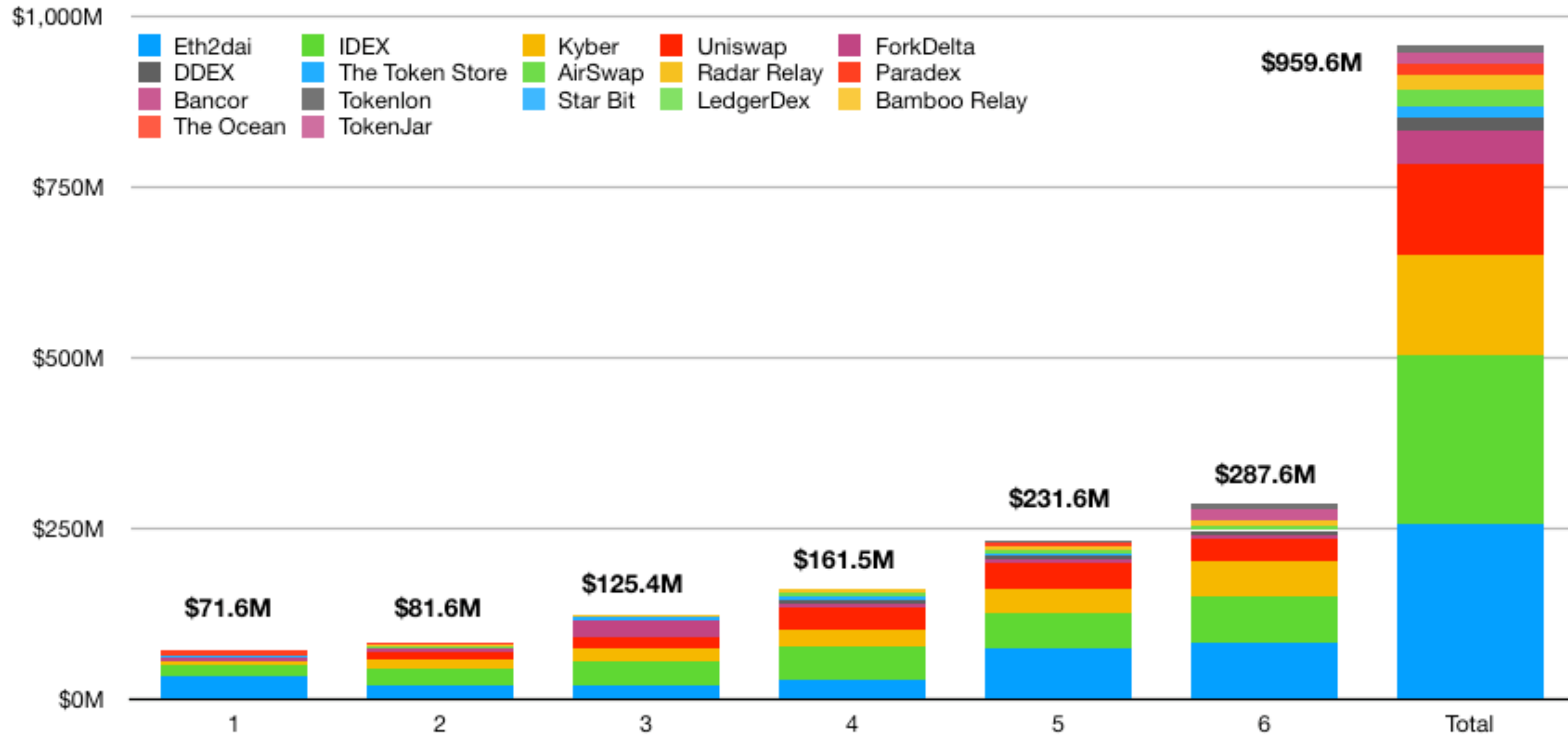
DeFi Lending – Key Takeaways

- ❑ With only two years history, DeFi lending is a young sector but growing rapidly
- ❑ The most borrowed assets are DAI and WETH
- ❑ Collateral ratio is around 400% most times, quite safe for the system
- ❑ Total number of users is still small, and lending feature is quite limited

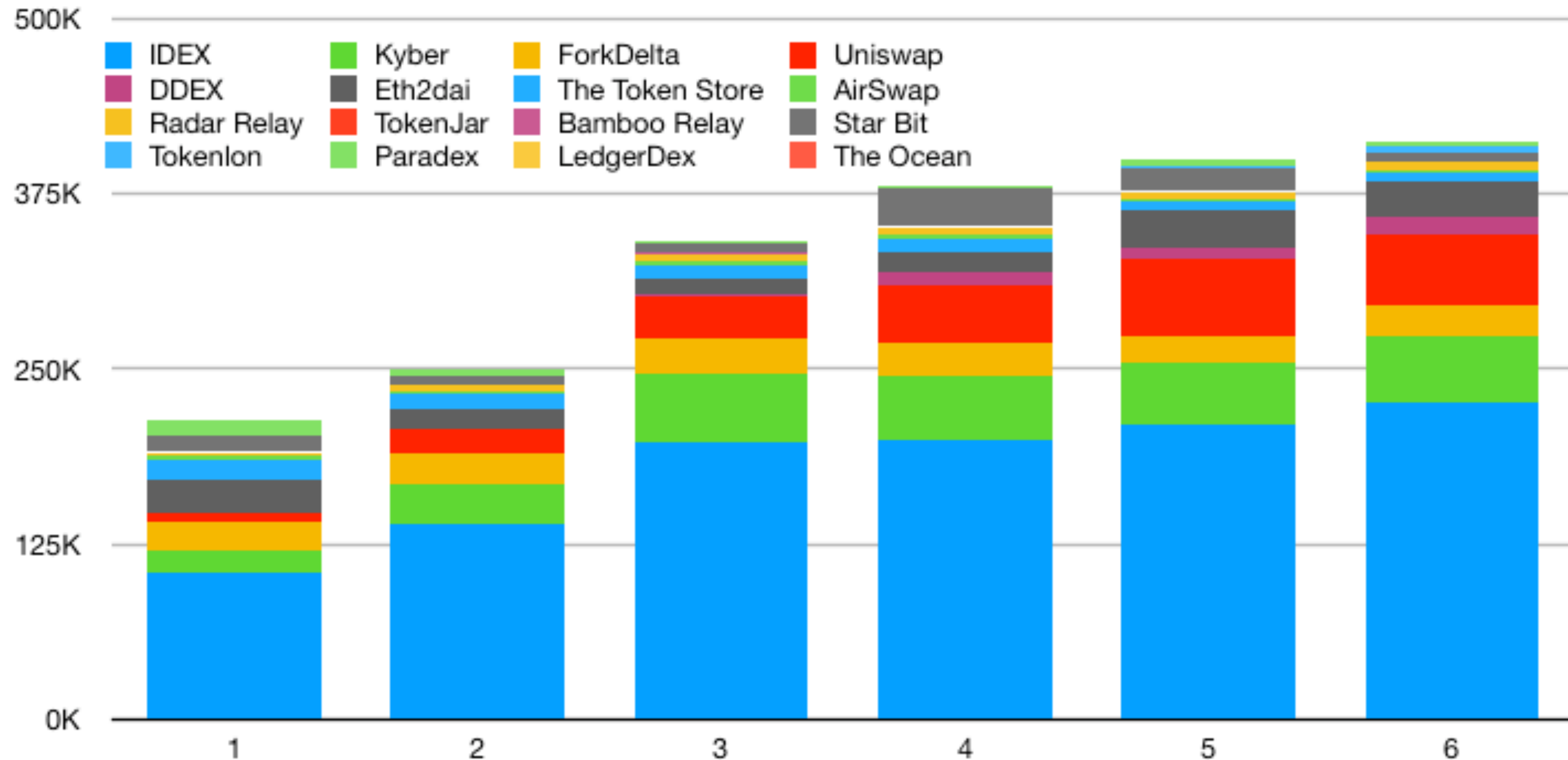
DEX – Market Share Graph



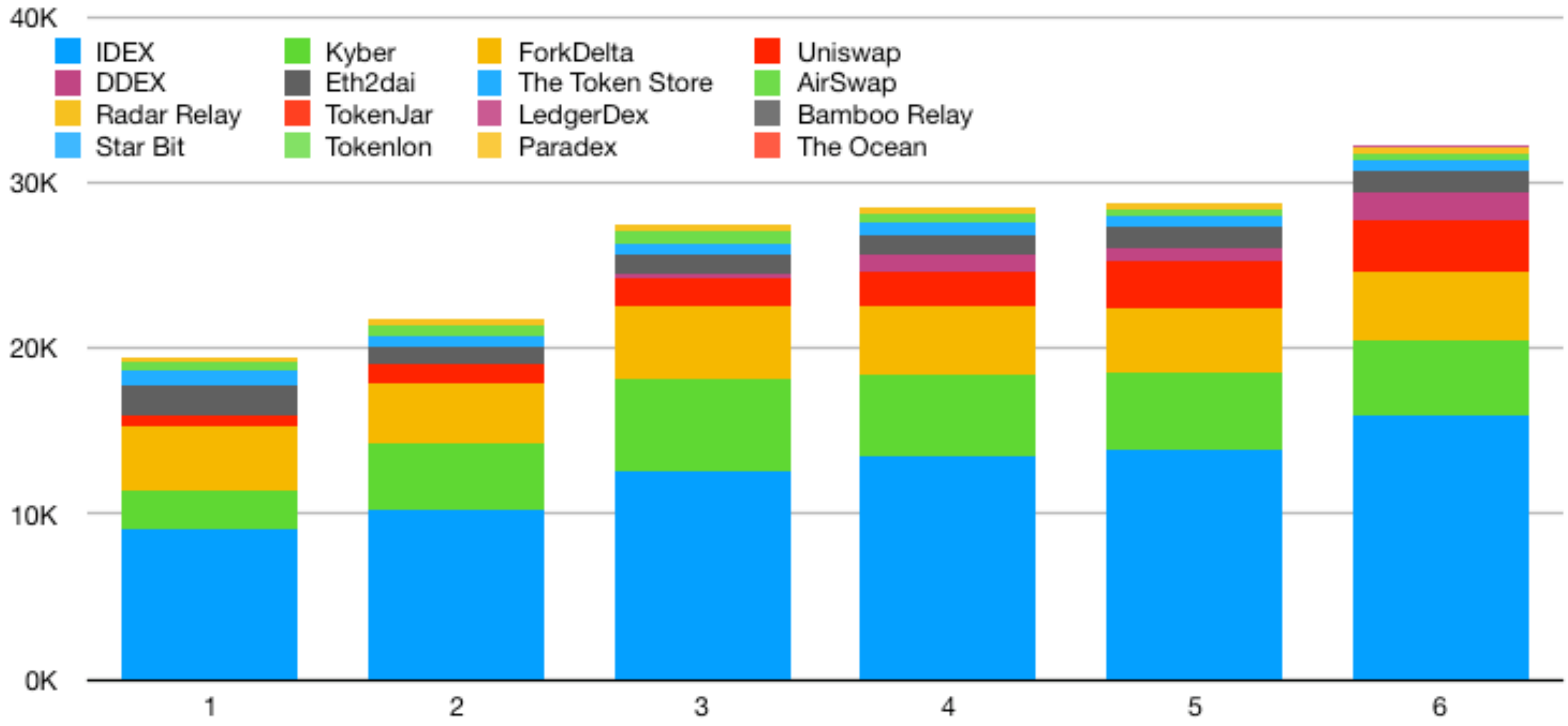
DEX – Monthly Trading Volume



DEX – Monthly Transaction Numbers



DEX – Monthly Active Users



DEX – Key Takeaways

- ❑ DEX trading volume is still small but growing quickly, reached \$288M in June
- ❑ Two fastest growing DEXs are Eth2dai and Uniswap
- ❑ Main value proposition are transparency and security, main shortcoming are speed and liquidity
- ❑ Mainly used to trade tokens not listed on centralized exchanges

DAppTotal.com

❑ The most comprehensive DApp analysis platform, with more than 3800 DApps listed

The screenshot shows the DAppTotal.com website interface. At the top, there is a navigation bar with links for Home, DeFi, Stablecoins, DEX, and Analytics. A search bar and a 'Submit DApp' button are also present. Below the navigation bar, there are three main promotional banners: 'DAppTotal DeFi行业研究报告 2019上半年', 'DAppShield 保护您的DApps', and 'SOLITAIRE DUEL EOS'. The main content area features a list of DApps with various filters and a table of data. The table columns include: #, Name, Category, Balance, Users 24h, Volume 24h, TX 24h, Users 7d, Volume 7d, TX 7d, and Real(%). The table lists several DApps, including Crypto Sword..., TronOscar, Hash Baby, Endless Game, LIMITLESS, ERC20-USDT, and Xdapp.

#	Name	Category	Balance	Users 24h	Volume 24h	TX 24h	Users 7d	Volume 7d	TX 7d	Real(%)
	Crypto Sword...	Games	181.9	505 -0.79%	296.89 +25.29%	12.46K -2.71%	767 -28.05%	1.94K +17.66%	81.38K -16.68%	99.60%
1	TronOscar	Gambling	0	56.45K +11.47%	1.31B +10.35%	2.43M -27.97%	131.14K -12.41%	11.04B -36.14%	24.33M +27.47%	87.39%
2	Hash Baby	Platform	26.18	39.04K +4.80%	0	772.35K +13.67%	52.06K +5.61%	0	5.12M -12.44%	95.25%
3	Endless Game	Gambling	22.58K	37.41K +21.28%	146.38 +4.54%	107.82K +0.27%	40.8K +3.22%	1.68K -83.11%	713.06K +23.10%	8.02%
4	LIMITLESS	Gambling	298.77K	14.38K 0	26.89M -49.44%	79.99K +1.47%	14.38K -0.02%	279.34M +9.10%	551.81K +1.73%	100.00%
5	ERC20-USDT	Finance	0	13.46K -16.80%	0	41.66K +0.83%	76.98K +50.19%	93 +2324900.00%	267.01K +36.06%	NA
6	Endless Game	Gambling	4.95M	11.97K +34.49%	230.08K -17.13%	54.64K +36.46%	12.73K -8.81%	2.33M -43.67%	291.52K -0.99%	NA
7	Xdapp	Gambling	9.83K	7.1K -0.81%	4K +76.96%	29.56K -13.20%	9.6K +12.89%	23.48K +35.52%	231.92K +8.19%	95.10%