u/nayboyer2

Do You Know Where Your GME Bananas Are?

Over 30% of GME Bananas are Missing from Bloomberg Terminal

Over 30% of GME bananas are missing from Bloomberg Terminal. Over 69% of GME is trading off exchanges or in an unreported Dark Pool? It's National Banana Day -Do you know where your GME bananas are? - Apr. 21, 2021

`Due Diligence`

So yesterday I posted about **FINRA ADF** showing up as the primary exchange for GME trades over the past 6 trading days (and likely much longer). The thing is, FINRA ADF is not currently in operation...

https://www.reddit.com/r/Superstonk/comments/muzj4o/finra_webmaster_no_brokerdealers_currently_using/

u/koreanjc had a great post about this a little over a week ago FADF - A Dark Pool

While looking into this, I realized that the GME Bloomberg Terminal data is missing between 31.4% and 38.9% of GME daily trading volume from 4/13 - 4/20.

That's **19,411,389 missing bananas** over just 6 trading days. Only 70 million GME-issued bananas are supposed to exist...

If you add up the **total missing volume** + **ADF volume**, you will see that **over 69%** of GME bananas are being reported as trading off exchange (FINRA ADF, which is reportedly not in operation - again see my post from yesterday), or completely missing (a deeper, darker pool that even Bloomberg can't see?).

40,126,778 GME bananas were traded over 6 days, and even Bloomberg, which costs $24,000/year, has no idea where they are.

I'm not a finance guy, or a stock guy - I'm an ape. I can't really do math, but luckily Excel does the math for me.

I don't play options, but if I had call options for 4/16 or 4/23, which are each worth thousands and thousands of dollars, I would certainly want to know what unknown entity is keeping the price of GME at this $160 threshold by hiding **40,126,778 bananas** from making their way to the exchanges.

TLDR - each day, over **69%** of GME bananas are either missing, or being routed through "**FINRA ADF**", which is not currently operating. Someone is hiding your GME bananas to artificially manipulate the GME stock price from mooning. The rocket is fueled for take-off. Can anyone find out what is going on with the missing bananas?

	Bloomberg Terminal Reported Volume	Actual Daily Volume	Missing Daily Volume	% of Total Volume that is Missing	FINRA ADF Reported Volume	Next Highest Exchange Volume	ADF / Next highest Exchange	Missing Volume + ADF Volume	% of Missing Volume + ADF
13-Apr	4,411,128	6,806,868	2,395,740	35.196	2,346,871	487,963	4.81	4,742,611	69.67
14-Apr	14,496,938	21,138,140	6,641,202	31.418	8,792,903	1,542,459	5.70	15,434,105	73.02
15-Apr	5,216,229	7,856,780	2,640,551	33.609	2,935,255	579,494	5.07	5,575,806	70.97
16-Apr	3,183,471	5,214,710	2,031,239	38.952	1,783,408	334,991	5.32	3,814,647	73.15
19-Apr	6,619,680	10,520,210	3,900,530	37.077	3,425,731	777,735	4.40	7,326,261	69.64
20-Apr	2,856,481	4,658,608	1,802,127	38.684	1,431,221	417,648	3.43	3,233,348	69.41
Total			19,411,389					40,126,778	

Data from Bloomberg vs Actual Daily Volume. So many missing bananas...

Roaring Kitty
@TheRoaringKitty

KONG'S
BANANA
HOARD

▶ 100.2K views   0:01 / 0:06 🔊 ⤢

9:12 AM · Mar 24, 2021 · Twitter for iPhone

347 Retweets   **12** Quote Tweets   **4,718** Likes

Missing bananas? 3/24 Tweet from DFV (sorry for the Play icon)

[DFV Tweet](#) from 3/24

4/22 will be Wild after green reversal?? Had to include it...

Thanks again to [u/Ravada](#) for the daily Bloomberg Terminal drops. All Bloomberg images were taken from his posts.

Bloomberg Data (just look at the middle of the screen for FINRA ADF and Total Volume):

GME US $	↑ 158.19	−6.18		T158.00/158.19P		3×1	
At 15:57 d	Vol 4,431,025	O 164.14T	H 164.89D	L 153.36P	Val 700.563I		

GME US Equity UN Actions ▾ Export Settings ▾   Price and Volume Dashboard

| 04:00 | 04/20/21 | - | Price Filter | - | Calculation Bloomberg Definition ▾ |
| 15:57 | 04/20/21 | ↻ | Vol Filter | - | Amount @ Part% |

Calculation		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
Bloomberg	d	158.1702	2,856,481	451.81MLN	14,351	199	2.470770
Custom	d	158.1702	2,856,481	451.81MLN	14,351	199	2.470770

1) Summary 2) Top Trades (AQR) 3) Volume at Price (VAP) 4) Trade Summary Matrix (TSM)
10) Market Overview 11) By Trade Side 12) By Exchange
21) Charts

Breakdown		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
UD: FINRA ADF	d	158.1110	1,431,221	226.292MLN	5,860	244	2.399516
VK: EDGX	d	158.1403	417,648	66.047MLN	1,768	236	2.269588
UN: New York	d	158.5472	307,055	48.683MLN	1,674	183	2.926926
UP: NYSE Arca	d	158.4508	218,466	34.616MLN	1,183	185	2.591466
UT: NASDAQ InterM…	d	158.1911	206,777	32.71MLN	1,502	138	2.742673
UF: Cboe BZX Excha…	d	157.8769	82,403	13.01MLN	653	126	2.418805
VF: Investors Exch…	d	157.8302	70,851	11.182MLN	583	122	2.000703
VJ: EDGA	d	157.7642	36,935	5.827MLN	359	103	2.016869
VY: Cboe BYX Excha…	d	157.8420	24,350	3.843MLN	218	112	2.159525
UB: NASDAQ OMX BX	d	157.7760	17,049	2.69MLN	143	119	1.844255
VG: Members Excha…	d	157.9720	16,150	2.551MLN	154	105	2.038632
UX: NASDAQ OMX PSX	d	158.1005	12,106	1.914MLN	103	118	2.463812
UC: NYSE National	d	158.2473	8,170	1.293MLN	78	105	2.114103

4/20 - 1,802,127 missing bananas + 1,431,221 through ADF = 69.4% of daily volume

GME US $	↓ 165.3038	+10.61		Z165.10/165.30K		1×3	
At 15:48 d	Vol 10,047,914	O 171.80T	H 175.20N	L 162.33K	Val 1.692B		

GME US Equity UN Actions ▾ Export Settings ▾   Price and Volume Dashboard

| 04:00 | 04/19/21 | - | Price Filter | - | Calculation Bloomberg Definition ▾ |
| 15:48 | 04/19/21 | ↻ | Vol Filter | - | Amount @ Part% |

Calculation		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
Bloomberg	d	168.2552	6,619,680	1.114BLN	35,624	186	3.027548
Custom	d	168.2552	6,619,680	1.114BLN	35,624	186	3.027548

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Breakdown		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
UD: FINRA ADF	d	168.0075	3,425,731	575.549MLN	14,769	232	3.003998
VK: EDGX	d	168.2407	777,735	130.847MLN	4,105	189	2.879813
UN: New York	d	168.7249	617,637	104.211MLN	3,250	190	3.173523
UT: NASDAQ InterM…	d	168.4366	585,164	98.563MLN	4,271	137	3.202552
UP: NYSE Arca	d	169.0231	527,920	89.231MLN	3,422	154	2.955359
UF: Cboe BZX Excha…	d	168.2271	201,980	33.979MLN	1,494	135	3.013384
VJ: EDGA	d	168.4148	130,451	21.97MLN	1,221	107	2.661144
UB: NASDAQ OMX BX	d	168.6232	92,231	15.552MLN	722	128	3.048616
VY: Cboe BYX Excha…	d	168.0147	86,285	14.497MLN	801	108	2.729663
VF: Investors Exch…	d	168.0905	85,849	14.43MLN	808	106	2.862550
VG: Members Excha…	d	167.6905	27,394	4.594MLN	268	102	2.802318
UX: NASDAQ OMX PSX	d	169.1411	24,931	4.217MLN	206	121	3.340245
UA: NYSE American	d	170.8891	15,331	2.62MLN	77	199	0.984079

4/19 - 3,900,530 missing bananas + 3,425,731 through ADF = 69.6% of daily volume

Panel 1 (4/16/21)

GME US $ ↑ 154.69 -1.75 N154.50/154.68N 2×3

At 16:15 d Vol 4,991,254 O 156.00P H 160.1969D L 151.25B Val 773.334

GME US Equity UN Actions ▾ Export Settings ▾ Price and Volume Dashboard

04:00 04/16/21 - Price Filter - Calculation Bloomberg Definition
16:27 04/16/21 ⟳ Vol Filter - Amount @ Part%

Calculation		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
Bloomberg	ⓘ d	154.9714	3,183,471	493.347MLN	16,047	198	1.738655
Custom	d	154.9714	3,183,471	493.347MLN	16,047	198	1.738655

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Breakdown		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
UD: FINRA ADF	d	155.0861	1,783,408	276.582MLN	7,666	233	1.789148
UN: New York	d	154.9109	334,991	51.894MLN	1,536	218	1.573713
VK: EDGX	d	154.7704	327,630	50.707MLN	1,664	197	1.624615
UT: NASDAQ InterM…	d	154.7674	243,279	37.652MLN	1,603	152	1.709320
UP: NYSE Arca	d	154.8429	219,549	33.996MLN	1,269	173	1.774945
UF: Cboe BZX Excha…	d	154.6962	87,613	13.553MLN	588	149	1.608374
VF: Investors Exch…	d	155.0986	54,354	8.43MLN	530	103	1.779542
VJ: EDGA	d	154.8781	38,772	6.005MLN	351	110	1.758133
VY: Cboe BYX Excha…	d	154.9215	23,221	3.597MLN	216	108	1.603028
VG: Members Excha…	d	154.7879	20,468	3.168MLN	198	103	1.750667
UB: NASDAQ OMX BX	d	154.7909	19,605	3.035MLN	128	153	1.464292
VP: MIAX Pearl	d	154.7029	12,000	1.856MLN	120	100	1.563623
UX: NASDAQ OMX PSX	d	154.5604	8,253	1.276MLN	75	110	1.435091

4/16 - 2,031,239 missing bananas + 1,783,408 through ADF = 73.1% daily volume

Panel 2 (4/15/21)

GME US $ ↑ 156.44 -10.09 N156.24/156.32N 8×28

At 16:15 d Vol 7,785,822 O 163.00N H 166.2546D L 152.80N Val 1.234B

GME US Equity UN Actions ▾ Export Settings ▾ Price and Volume Dashboard

04:03 04/15/21 - Price Filter - Calculation Bloomberg Definition
16:30 04/15/21 ⟳ Vol Filter - Amount @ Part%

Calculation		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
Bloomberg	ⓘ d	158.5497	5,216,229	827.032MLN	25,476	205	3.371339
Custom	d	158.5497	5,216,229	827.032MLN	25,476	205	3.371339

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Breakdown		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
UD: FINRA ADF	d	158.6790	2,935,255	465.763MLN	11,750	250	3.348745
VK: EDGX	d	158.3248	579,494	91.748MLN	2,745	211	3.370878
UN: New York	d	158.1353	567,099	89.678MLN	2,788	203	3.359600
UT: NASDAQ InterM…	d	158.8496	369,208	58.649MLN	2,532	146	3.471102
UP: NYSE Arca	d	158.7440	347,129	55.105MLN	2,216	157	3.525507
UF: Cboe BZX Excha…	d	157.9856	127,771	20.186MLN	975	131	3.108116
VF: Investors Exch…	d	157.6794	89,436	14.102MLN	747	120	3.216313
VY: Cboe BYX Excha…	d	159.2479	51,650	8.225MLN	439	118	3.444404
VJ: EDGA	d	157.7611	45,964	7.251MLN	422	109	3.151439
UB: NASDAQ OMX BX	d	158.3769	40,882	6.475MLN	262	156	2.964781
VG: Members Excha…	d	157.6887	31,571	4.978MLN	300	105	2.948504
UX: NASDAQ OMX PSX	d	158.3250	12,400	1.963MLN	123	101	3.478703
VP: MIAX Pearl	d	158.0499	11,010	1.74MLN	110	100	3.406397

4/15 - 2,640,551 missing bananas + 2,935,255 through ADF = 70.9% daily volume

Panel 3 (4/14/21)

GME US $ ↓ 166.53 +25.54 N166.99/167.00N 45×85

At 16:15 d Vol 21,073,708 O 143.57N H 174.09D L 143.00N Val 3.404B

GME US Equity UN Actions ▾ Export Settings ▾ Price and Volume Dashboard

04:00 04/14/21 - Price Filter - Calculation Bloomberg Definition
16:51 04/14/21 ⟳ Vol Filter - Amount @ Part%

Calculation		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
Bloomberg	ⓘ d	161.5399	14,496,938	2.342BLN	69,023	210	7.258488
Custom	d	161.5399	14,496,938	2.342BLN	69,023	210	7.258488

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Breakdown		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
UD: FINRA ADF	d	161.9656	8,792,903	1.424BLN	35,264	249	6.929850
VK: EDGX	d	161.2918	1,542,459	248.786MLN	7,912	195	7.501778
UN: New York	d	160.2206	1,291,465	206.919MLN	6,536	198	8.086807
UT: NASDAQ InterM…	d	161.4494	1,038,828	167.718MLN	6,490	160	7.466290
UP: NYSE Arca	d	160.1591	956,284	153.158MLN	5,813	165	7.929944
UF: Cboe BZX Excha…	d	160.8954	296,670	47.733MLN	2,126	140	7.291959
VF: Investors Exch…	d	161.4965	145,891	23.561MLN	1,316	111	6.952539
VJ: EDGA	d	160.9239	95,900	15.433MLN	727	132	8.101535
VY: Cboe BYX Excha…	d	160.6597	88,283	14.184MLN	723	122	7.509889
UB: NASDAQ OMX BX	d	161.1067	76,565	12.335MLN	557	137	7.103830
VG: Members Excha…	d	160.9370	70,502	11.346MLN	634	111	7.326821
UX: NASDAQ OMX PSX	d	163.2057	43,100	7.034MLN	428	101	5.875394
VP: MIAX Pearl	d	162.7673	33,272	5.416MLN	332	100	6.702450

4/14 - 6,641,202 missing bananas + 8,792,903 through ADF = 73.0% daily volume

4/13 - 2,395,740 missing bananas + 2,346,871 through ADF = 69.6% daily volume

Edit 1: Daily GME Volume

GME Historical Data

| | 1M | 6M | YTD | 1Y | 5Y | MAX | | DOWNLOAD D/ |

Date	Close/Last	Volume	Open	High	Low
04/20/2021	$158.53	4,658,608	$164.14	$164.89	$153.36
04/19/2021	$164.37	10,520,210	$171.8	$175.2	$162.33
04/16/2021	$154.69	5,214,710	$156	$160.1969	$151.25
04/15/2021	$156.44	7,856,780	$163	$166.2546	$152.8
04/14/2021	$166.53	21,138,140	$143.57	$174.09	$143
04/13/2021	$140.99	6,806,868	$141.88	$145.3771	$132

Source: nasdaq.com. Why is the actual daily volume so much different than reported Bloomberg volume? Where are the missing bananas?

Edit 2: Edited the Excel sheet to reflect the Nasdaq daily volume (I had used a different source, which had slightly different Total Volume data).

The total missing bananas **increased** from 19,285,389 to **19,411,389**. Also edited the missing banana data for each Bloomberg terminal to reflect Nasdaq. Thanks u/2008UniGrad

Edit 3: Added Bloomberg Terminal from 4/21 (below) and added updated Excel sheet to reflect 4/21 data (also below). Updated total missing bananas to reflect 4/21 data.

Total missing bananas for last 7 trading days = **20,798,855 bananas**

Total missing bananas + ADF for last 7 trading days = **42,644,089 bananas**

```
GME US $    ↑ 158.51     -0.02   [chart]    N158.41/158.42N        1×9
       At 16:00 d  Vol 3,773,029  O 158.40N  H 162.98K  L 155.92Y  Val 597.824
```

GME US Equity   UN Actions ▼ Export Settings ▼   Price and Volume Dashboard

| 04:00 | 04/21/21 | | - | Price Filter | | - | | Calculation | Bloomberg Definition | ▼ |
| 16:00 | 04/21/21 | ⟳ | | Vol Filter | | - | | Amount | | @ Part% |

Calculation			VWAP	Volume	Value Trad...	Trades	Avg Size	Std Dev
Bloomberg	ⓘ	d	158.5281	2,396,201	379.865MLN	12,403	193	1.352586
Custom	▼ ⤇	d	158.5281	2,396,201	379.865MLN	12,403	193	1.352586

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Breakdown		VWAP	Volume	Value Trad...	Trades	Avg Size	Std Dev
UD: FINRA ADF	d	158.6196	1,129,845	179.216MLN	5,094	222	1.401674
VK: EDGX	d	158.3842	325,943	51.624MLN	1,563	209	1.329298
UN: New York	d	158.5597	313,066	49.64MLN	1,505	208	1.380923
UP: NYSE Arca	d	158.3672	188,286	29.818MLN	942	200	1.298603
UT: NASDAQ InterM...	d	158.5737	184,079	29.19MLN	1,166	158	1.165418
VF: Investors Exch...	d	158.3568	79,713	12.623MLN	636	125	1.259414
UF: Cboe BZX Excha...	d	158.3874	66,629	10.553MLN	499	134	1.241365
VJ: EDGA	d	158.3383	33,935	5.373MLN	312	109	1.276640
VY: Cboe BYX Excha...	d	158.4394	26,786	4.244MLN	245	109	1.345487
UB: NASDAQ OMX BX	d	158.2034	16,112	2.549MLN	134	120	1.078744
VG: Members Excha...	d	158.3174	12,421	1.966MLN	115	108	0.986242
VP: MIAX Pearl	d	158.4470	6,700	1.062MLN	67	100	1.521483
UC: NYSE National	d	158.1317	6,600	1.044MLN	66	100	0.977837

4/21 - 1,387,466 missing bananas + 1,129,845 through ADF = 66.5% daily volume

	Bloomberg Terminal Reported Volume	Actual Daily Volume	Missing Daily Volume	% of Total Volume that is Missing	FINRA ADF Reported Volume	Next Highest Exchange Volume	ADF / Next highest Exchange	Missing Volume + ADF Volume	% of Missing Volume + ADF
13-Apr	4,411,128	6,806,868	2,395,740	35.196	2,346,871	487,963	4.81	4,742,611	69.67
14-Apr	14,496,938	21,138,140	6,641,202	31.418	8,792,903	1,542,459	5.70	15,434,105	73.02
15-Apr	5,216,229	7,856,780	2,640,551	33.609	2,935,255	579,494	5.07	5,575,806	70.97
16-Apr	3,183,471	5,214,710	2,031,239	38.952	1,783,408	334,991	5.32	3,814,647	73.15
19-Apr	6,619,680	10,520,210	3,900,530	37.077	3,425,731	777,735	4.40	7,326,261	69.64
20-Apr	2,856,481	4,658,608	1,802,127	38.684	1,431,221	417,648	3.43	3,233,348	69.41
21-Apr	2,396,201	3,783,667	1,387,466	36.670	1,129,845	325,943	3.47	2,517,311	66.53
Total			20,798,855					42,644,089	

Data from Bloomberg vs Actual Daily Volume. Added 4/21 data to running total from last 7 trading days.

Dark Pool DD Summary and A Quick Update on all those Missing GME Bananas

Due Diligence

Hey guys.

I just wanted to do a quick update on my Missing Bananas post and relate it to some of the Dark Pool DDs that others have submitted this week to kind of drive the point home.

u/broccaaa had a DD post about FTDs and Massive Dark Pool Activity . His brain is wayyy wrinklier than mine and the detail of this research is truly amazing.

One of the big takeaways relating to OTC / dark pool trading can be summarized in this graph from his post:
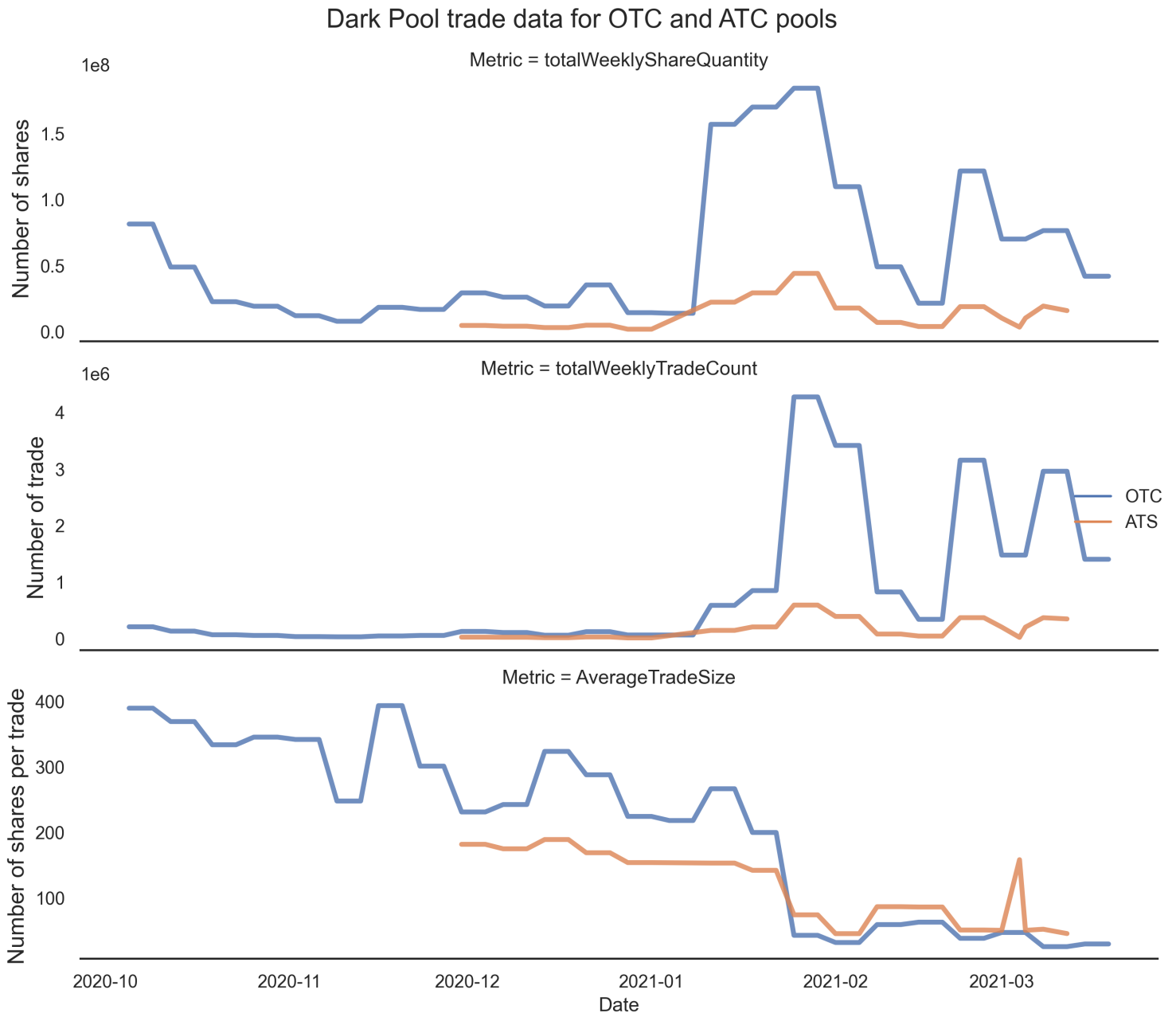
Dark Pool trade data for OTC and ATS trade pool.

u/broccaaa concludes that "Dark Pool activity ramped up massively at the start of January," the "total number of trades more than quadrupled," and "the average trade size dropped to around 50 shares per trade, remaining there ever since."

This table (also from his post), shows the main Dark Pool participants (Shitadel being #1):

Total shares traded in Dark Pools by market participant for OTC and ATS pools
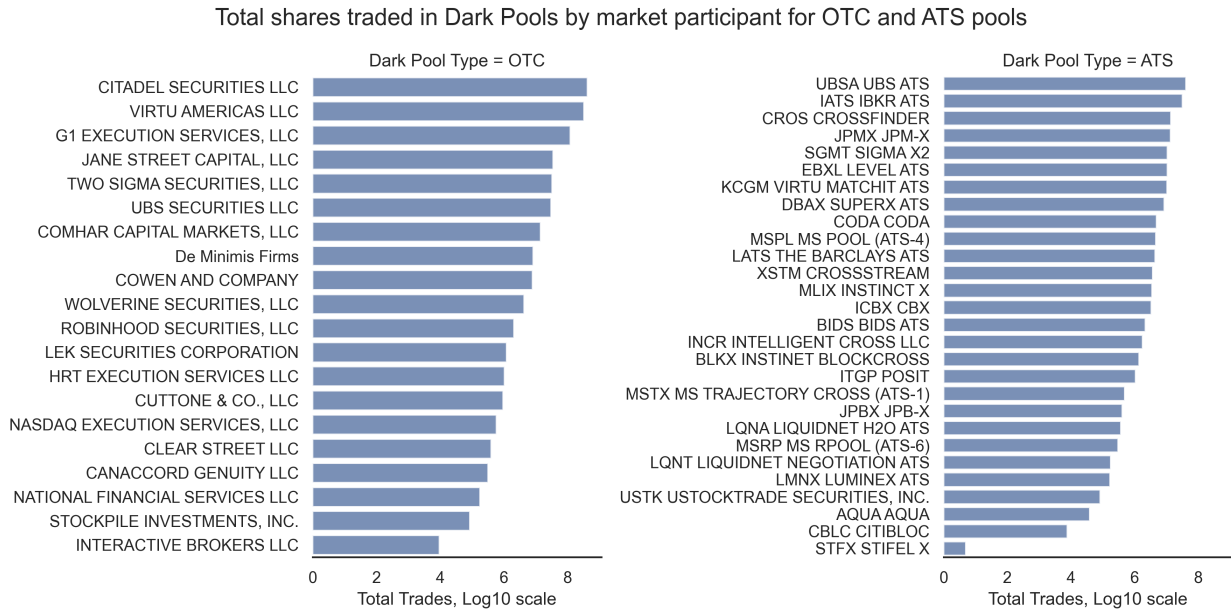
Total shares traded by firm for OTC and ATS pools since Jan.

Definitely take another look at his DD if you have a chance!

————————————

u/Doom_Douche had a great DD post, A Deep Dive into Dark Pool Trading, where he shows how much more dark pool trading is happening with GME compared to other stocks. Again, super wrinkley stuff...

One big takeaway from this post was that these conclusions were made using an estimated GME float of **54.1 million** rather than the **26.7 million** that we can now deduce from the **GME Proxy**...

Using this table from his post,

	Date	Company	Ticker	Float	Shares Traded OTC	# of Trades	AVG Shares/Trade	% of Float Traded OTC
2	Monthly AVG	Gamestop	GME	54,160,000	13,085,490	268,561	49	24.16%
3	Monthly AVG	AMC Entertainn	AMC	233,010,000	34,919,889	155,415	218	14.99%
4	Monthly AVG	American Airlin	AAL	632,660,000	14,517,221	86,808	167	2.29%
5	Monthly AVG	Best Buy	BB	555,290,000	6,059,563	32,732	184	1.09%
6	Monthly AVG	Bed Bath & Bey	BBY	229,430,000	2,445,162	25,027	96	1.07%
7	Monthly AVG	Ford	F	3,840,000,000	33,511,123	136,073	246	0.87%
8	Monthly AVG	General Motors	GM	1,370,000,000	11,261,667	68,319	166	0.82%
9	Monthly AVG	Office Depot	ODP	51,700,000	383,329	4,671	81	0.74%
10	Monthly AVG	Apple	AAPL	16,870,000,000	37,711,390	271,325	140	0.22%
11	Monthly AVG	Microsoft	MSFT	7,540,000,000	10,277,800	104,660	98	0.14%

And making that little adjustment to the updated GME float...

Date	Company	Ticker	Float	Shares Traded OTC	# of Trades	Avg Shares/Trade	% of Float Traded OTC
Monthly AVG	Gamestop	GME	26,700,000	13,085,490	268,561	49	**49.01%**

Updated GME Float to 26.7 million - 49% of GME float traded OTC

Here's an approximation of what the updated graph would look like (Ape doesn't know how to make a new one)
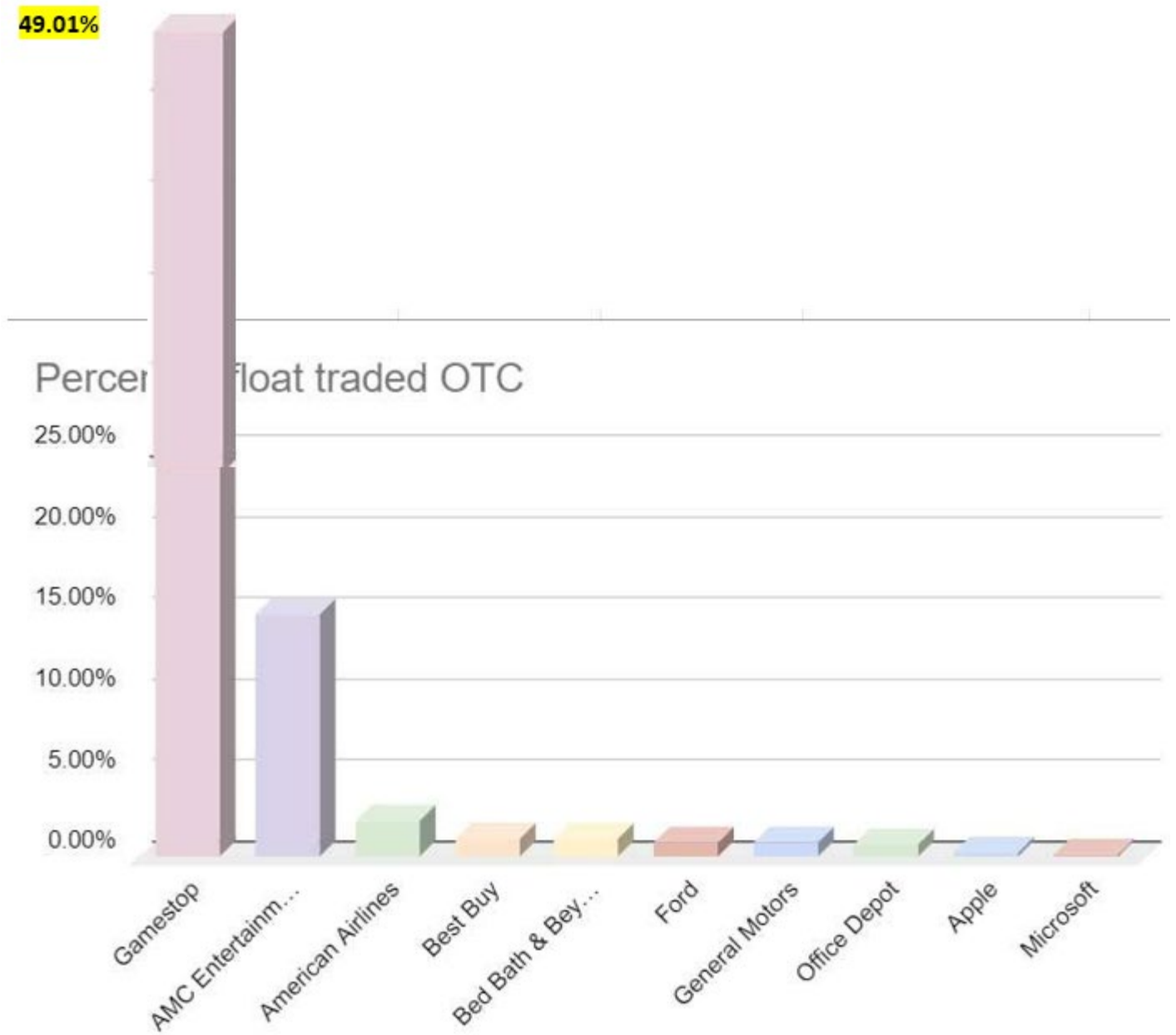
Percent of Float Traded OTC - GME vs. Others

Yeah... I felt that too!

_____

Now for my updated post

Thanks u/WSBdickhead for the updated Bloomberg Terminal screenshots. These are all streamlined to include the entire premarket and afterhours (4:00 - 20:00 EST). He was also able to change a few settings on the Default search criteria to include "Odd-lots" and potentially some other black magic that my brain was too smooth to understand.

Long story short - the "Custom" search criteria in the Bloomberg screenshots now equals the Nasdaq total daily volume. So no more missing bananas???

Not so fast... Let's analyze that data a little further. The missing volume is still not reporting on any of the Bloomberg exchanges. So these missing bananas are not even going through the "**FINRA ADF**" dark pool and therefore must be traded through some other **OTC dark pool** that is **deeper** and **darker** than whatever dark pool data is being reported as "**FINRA ADF**".

What we see by comparing the data is actually really interesting and I'd love some feedback on how we can use it, and what we can do with it.

Do we now have a window into the daily OTC / dark pool trade volume???

Total Volume data (**Custom**) - **Bloomberg** reported data = missing bananas (**OTC**)

FINRA ADF + missing bananas (**OTC**) = % of daily volume traded off-exchanges

I'll make a few more calculations from this updated data at the bottom of the post (see Excel screenshots).

Thanks again u/Ravada for the daily Bloomberg Terminal drops!

Original 4/13 Bloomberg Terminal

GME US $ S ↑ 140.99	-0.10			N140.71/140.72N		4×1	
At 17:05 d Vol 6,748,930	O 141.88N		H 145.3771D	L 132.00K	Val 941.156|		

GME US Equity — UN Actions ▾ Export Settings ▾ — Price and Volume Dashboard

| 04:00 | 04/13/21 | - | Price Filter | - | Calculation | Bloomberg Definition ▾ |
| 17:31 | 04/13/21 ⟳ | | Vol Filter | - | Amount | @ Part% |

Calculation				VWAP	Volume	Value Trad...	Trades	Avg Size	Std Dev
Bloomberg	ⓘ	d		139.4957	4,411,128	615.333MLN	22,521	196	2.823982
Custom		d		139.4957	4,411,128	615.333MLN	22,521	196	2.823982

1) Summary   2) Top Trades (AQR)   3) Volume at Price (VAP)   4) Trade Summary Matrix (TSM)
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21) Charts

Breakdown		VWAP	Volume	Value Trad...	Trades	Avg Size	Std Dev
UD: FINRA ADF	d	139.4291	2,346,871	327.222MLN	9,887	237	2.805756
VK: EDGX	d	139.5029	487,963	68.072MLN	2,386	205	2.732021
UN: New York	d	139.5217	470,975	65.711MLN	2,532	186	2.713685
UT: NASDAQ InterM...	d	139.6698	357,009	49.863MLN	2,432	147	2.918539
UP: NYSE Arca	d	139.8658	335,350	46.904MLN	1,928	174	3.074954
UF: Cboe BZX Excha...	d	139.2230	112,782	15.702MLN	875	129	3.029366
VJ: EDGA	d	139.7910	69,502	9.716MLN	545	128	2.975211
VF: Investors Exch...	d	139.5799	66,814	9.326MLN	607	110	2.751619
UB: NASDAQ OMX BX	d	138.6968	50,034	6.94MLN	302	166	2.736772
VY: Cboe BYX Excha...	d	139.7470	49,145	6.868MLN	451	109	2.449380
UC: NYSE National	d	139.1477	25,236	3.512MLN	200	126	2.430177
VG: Members Excha...	d	139.0890	20,863	2.902MLN	198	105	2.684400
VP: MIAX Pearl	d	139.0980	7,600	1.057MLN	76	100	3.024121

Original 4/13 - 69.6% daily volume traded off-exchanges

New 4/13 Terminal

GME US Equity	UN	Actions ▾	Export	Settings ▾	Price and Volume Dashboard

		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
Bloomberg	ⓘ	139.5162	4,450,564	620.926MLN	22,690	196	2.820349
Custom	⏩	139.5579	6,806,868	949.952MLN	204,880	33	2.756220

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Breakdown	VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
UD: FINRA ADF	139.4491	2,366,545	330.013MLN	9,947	238	2.803187
VK: EDGX	139.5032	488,063	68.086MLN	2,387	204	2.731862
UN: New York	139.5217	470,975	65.711MLN	2,532	186	2.713685
UT: NASDAQ InterM…	139.7113	363,522	50.788MLN	2,472	147	2.909644
UP: NYSE Arca	139.9347	348,499	48.767MLN	1,996	175	3.037871
UF: Cboe BZX Excha…	139.2230	112,782	15.702MLN	875	129	3.029366
VJ: EDGA	139.7910	69,502	9.716MLN	545	128	2.975211
VF: Investors Exch…	139.5799	66,814	9.326MLN	607	110	2.751619
UB: NASDAQ OMX BX	138.6968	50,034	6.94MLN	302	166	2.736772
VY: Cboe BYX Excha…	139.7470	49,145	6.868MLN	451	109	2.449380
UC: NYSE National	139.1477	25,236	3.512MLN	200	126	2.430177
VG: Members Excha…	139.0890	20,863	2.902MLN	198	105	2.684400
VP: MIAX Pearl	139.0980	7,600	1.057MLN	76	100	3.024121

New 4/13 - 69.38% daily volume traded off-exchange

What changed?

Now Custom = Total daily volume. So these bananas aren't necessarily "missing", but are most definitely traded OTC / Dark pool.

Adding FINRA **ADF** volume + **OTC** (other?) volume means that **69.38%** of 4/13 daily volume was traded off-exchange / in dark pools.

Original 4/14 Terminal

GME US $	↓ 166.53	+25.54	N166.99/167.00N	45×85

At 16:15 d Vol 21,073,708 O 143.57N H 174.09D L 143.00N Val 3.404B

GME US Equity	UN	Actions ▾	Export	Settings ▾	Price and Volume Dashboard

			VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
Bloomberg	ⓘ	d	161.5399	14,496,938	2.342BLN	69,023	210	7.258488
Custom	⏩	d	161.5399	14,496,938	2.342BLN	69,023	210	7.258488

1) Summary   2) Top Trades (AQR)   3) Volume at Price (VAP)   4) Trade Summary Matrix (TSM)
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Breakdown		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
UD: FINRA ADF	d	161.9656	8,792,903	1.424BLN	35,264	249	6.929850
VK: EDGX	d	161.2918	1,542,459	248.786MLN	7,912	195	7.501778
UN: New York	d	160.2206	1,291,465	206.919MLN	6,536	198	8.086807
UT: NASDAQ InterM…	d	161.4494	1,038,828	167.718MLN	6,490	160	7.466290
UP: NYSE Arca	d	160.1591	956,284	153.158MLN	5,813	165	7.929944
UF: Cboe BZX Excha…	d	160.8954	296,670	47.733MLN	2,126	140	7.291959
VF: Investors Exch…	d	161.4965	145,891	23.561MLN	1,316	111	6.952539
VJ: EDGA	d	160.9239	95,900	15.433MLN	727	132	8.101535
VY: Cboe BYX Excha…	d	160.6597	88,283	14.184MLN	723	122	7.509889
UB: NASDAQ OMX BX	d	161.1067	76,565	12.335MLN	557	137	7.103830
VG: Members Excha…	d	160.9370	70,502	11.346MLN	634	111	7.326821
UX: NASDAQ OMX PSX	d	163.2057	43,100	7.034MLN	428	101	5.875394
VP: MIAX Pearl	d	162.7673	33,272	5.416MLN	332	100	6.702450

Original 4/14 - 73.0% daily volume traded off-exchange

New 4/14 Terminal

GME US Equity	UN	Actions ▾	Export	Settings ▾			Price and Volume Dashboard

Calculation		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
Bloomberg	ⓘ	161.5479	14,534,826	2.348BLN	69,188	210	7.250830
Custom	▾	161.3637	21,138,138	3.411BLN	469,643	45	7.326418

1) Summary　2) Top Trades (AQR)　3) Volume at Price (VAP)　4) Trade Summary Matrix (TSM)
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21) Charts

Breakdown	VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
UD: FINRA ADF	161.9682	8,801,217	1.426BLN	35,298	249	6.927155
VK: EDGX	161.2920	1,542,559	248.802MLN	7,913	195	7.501562
UN: New York	160.2206	1,291,465	206.919MLN	6,536	198	8.086807
UT: NASDAQ InterM…	161.4787	1,048,604	169.327MLN	6,534	160	7.437833
UP: NYSE Arca	160.2479	975,882	156.383MLN	5,898	165	7.875182
UF: Cboe BZX Excha…	160.8964	296,770	47.749MLN	2,127	140	7.290930
VF: Investors Exch…	161.4965	145,891	23.561MLN	1,316	111	6.952539
VJ: EDGA	160.9239	95,900	15.433MLN	727	132	8.101535
VY: Cboe BYX Excha…	160.6597	88,283	14.184MLN	723	122	7.509889
UB: NASDAQ OMX BX	161.1067	76,565	12.335MLN	557	137	7.103830
VG: Members Excha…	160.9370	70,502	11.346MLN	634	111	7.326821
UX: NASDAQ OMX PSX	163.2057	43,100	7.034MLN	428	101	5.875394
VP: MIAX Pearl	162.7673	33,272	5.416MLN	332	100	6.702450

New 4/14 - 72.88% daily volume traded off-exchange

Adding FINRA **ADF** volume + **OTC** (other?) volume means that **72.88%** of 4/14 daily volume was traded off-exchange / in dark pools.

Original 4/15 Terminal

GME US	$	↑ 156.44	−10.09		N156.24/156.32N		8×28

At 16:15 d Vol 7,785,822　O 163.00N　H 166.2546D L 152.80N　Val 1.234B

GME US Equity	UN	Actions ▾	Export	Settings ▾			Price and Volume Dashboard

Calculation		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
Bloomberg	ⓘ d	158.5497	5,216,229	827.032MLN	25,476	205	3.371339
Custom	▾ d	158.5497	5,216,229	827.032MLN	25,476	205	3.371339

1) Summary　2) Top Trades (AQR)　3) Volume at Price (VAP)　4) Trade Summary Matrix (TSM)
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21) Charts

Breakdown		VWAP	Volume	Value Trad…	Trades	Avg Size	Std Dev
UD: FINRA ADF	d	158.6790	2,935,255	465.763MLN	11,750	250	3.348745
VK: EDGX	d	158.3248	579,494	91.748MLN	2,745	211	3.370878
UN: New York	d	158.1353	567,099	89.678MLN	2,788	203	3.359600
UT: NASDAQ InterM…	d	158.8496	369,208	58.649MLN	2,532	146	3.471102
UP: NYSE Arca	d	158.7440	347,129	55.105MLN	2,216	157	3.525507
UF: Cboe BZX Excha…	d	157.9856	127,771	20.186MLN	975	131	3.108116
VF: Investors Exch…	d	157.6794	89,436	14.102MLN	747	120	3.216313
VY: Cboe BYX Excha…	d	159.2479	51,650	8.225MLN	439	118	3.444404
VJ: EDGA	d	157.7611	45,964	7.251MLN	422	109	3.151439
UB: NASDAQ OMX BX	d	158.3769	40,882	6.475MLN	262	156	2.964781
VG: Members Excha…	d	157.6887	31,571	4.978MLN	300	105	2.948504
UX: NASDAQ OMX PSX	d	158.3250	12,400	1.963MLN	123	101	3.478703
VP: MIAX Pearl	d	158.0499	11,010	1.74MLN	110	100	3.406397

Original 4/15 - 70.9% daily volume traded off-exchange

New 4/15 Terminal

New 4/15 - 70.61% daily volume traded off-exchange

Adding FINRA **ADF** volume + **OTC** (other?) volume means that **70.61%** of 4/15 daily volume was traded off exchange / in dark pools.

I'm going to take a few shortcuts for the rest and just show you the new terminals and have the % off-exchange in the captions.

New 4/16 Terminal

New 4/16 - 73.15% daily volume traded off-exchange

New 4/19 Terminal

New 4/19 - 69.64% daily volume traded off-exchange

New 4/20 Terminal

New 4/20 - 69.41% of daily volume traded off-exchange

I don't have streamlined (4:00 - 20:00 EST) Bloomberg Terminal screenshots of 4/21 or 4/22, but 4/21 had roughly **66.53%** of volume traded off-exchange and 4/22 had **67.06%** of volume traded off-exchange.

Below is the raw data that I extracted from the terminals and calculations. The number of bananas traded **OTC** is highlighted, as is the total number of bananas traded off-exchange (OTC + ADF).

45,453,445 bananas were traded off-exchange over 8 low-volume trading days - that's **170.24%** of the GME float!

	Bloomberg Volume	Custom Volume (Total Volume)	Missing (OTC) Volume	% of Total Volume Missing (OTC)	FINRA ADF Volume (also a dark pool)	Next Highest Exchange Volume	ADF divided by Next Highest Exchange	Off-Exchange Volume (OTC + ADF)	% of Total volume Off-Exchange
13-Apr	4,450,564	6,806,868	2,356,304	34.62%	2,366,545	488,063	4.85	4,722,849	69.38%
14-Apr	14,534,826	21,138,138	6,603,312	31.24%	8,801,217	1,542,559	5.71	15,404,529	72.88%
15-Apr	5,250,700	7,856,780	2,606,080	33.17%	2,941,903	579,630	5.08	5,547,983	70.61%
16-Apr	3,183,471	5,214,710	2,031,239	38.95%	1,783,408	334,991	5.32	3,814,647	73.15%
19-Apr	6,619,680	10,520,210	3,900,530	37.08%	3,425,731	777,735	4.40	7,326,261	69.64%
20-Apr	2,856,481	4,658,608	1,802,127	38.68%	1,431,221	417,648	3.43	3,233,348	69.41%
21-Apr	2,396,201	3,783,667	1,387,466	36.67%	1,129,845	325,943	3.47	2,517,311	66.53%
22-Apr	2,563,496	4,304,281	1,740,785	40.44%	1,145,732	468,606	2.44	2,886,517	67.06%
Total			22,427,843					45,453,445	

GME Daily Volume

	Custom (Total) Trades	Bloomberg Trades	Trades made OTC (Custom - Bloomberg)	Avg Size Trade (Bloomberg)	Avg Size Trade (Custom)	Trades made ADF	Trades made Off-Exchange (OTC + ADF)	Trades made On Exchange	% of Trades made Off-Exchange
13-Apr	204,880	22,690	182,190	196	33	9,947	192,137	12,743	93.78%
14-Apr	469,643	69,188	400,455	210	45	35,298	435,753	33,890	92.78%
15-Apr	211,689	25,601	186,088	205	37	11,787	197,875	13,814	93.47%
16-Apr	175,833	16,619	159,214	199	30	7,807	167,021	8,812	94.99%
19-Apr	283,394	36,723	246,671	190	37	15,297	261,968	21,426	92.44%
20-Apr	144,822	14,936	129,886	203	32	6,061	135,947	8,875	93.87%

92.44% to 94.99% of Daily Trades are made Off-Exchange

All of the **smallest** trades are being made off-exchange. Look at the difference between size of trade (Bloomberg) and size of trade (Custom), which is the average size for the entire day. Now, I understand that most retail trades less than 100 shares are not routed to the exchange, but **over 92% of all trades** are routed through either "**FINRA ADF**" (dark pool) or traded **OTC** (darker pool).

People seem to pay attention when numbers are presented as money ($$$) so maybe someone will pay attention if we put some $$$ figures on what's been going on.

	Total Daily Value (Custom) (in billion $)	Total Value (Bloomberg) (in billion $)	Total OTC (in billion $) (Cust - Bloom)	Total Value (ADF) (in billion $)	Total traded Off-Exchange (in billion $) (OTC + ADF)	Total Traded On-Exchange (in billion $)	% of Total Traded On-Exchange	% of Total Traded Off-Exchange
13-Apr	0.949952	0.620926	0.329026	0.330013	0.659039	0.290913	30.62%	69.38%
14-Apr	3.411000	2.348000	1.063000	1.426000	2.489000	0.922000	27.03%	72.97%
15-Apr	1.245000	0.832384	0.412616	0.466796	0.879412	0.365588	29.36%	70.64%
16-Apr	0.808706	0.513250	0.295456	0.282831	0.578287	0.230419	28.49%	71.51%
19-Apr	1.768000	1.175000	0.593000	0.591912	1.184912	0.583088	32.98%	67.02%
20-Apr	0.736753	0.478891	0.257862	0.233123	0.490985	0.245768	33.36%	66.64%
Total	8.919411		2.950960		6.281635	2.637776		70.43%

Billions of dollars spent on GME are routed through Dark Pools

Over 6 days of low volume trading, **$8.919 billion** was spent on GME bananas. Good work apes!

They routed **$2.95 billion** through **OTC dark pools** and **$3.33 billion** through "**FINRA ADF**". Adding those together, **$6.281 billion** was routed off-exchange, accounting for **70.43%** of the 6-day total (**$8.919 billion**).

Only $2.638 billion actually went through the exchanges.

This data seems to corroborate the DDs posted by [u/broccaaa](#) and [u/Doom_Douche](#) . And it seems abundantly clear that GME trades are being handled much differently than any of the other stocks that were investigated, both in terms of size of trade (the smallest trades are routed to darkest of dark pools), and percent of float (49% of GME float) that is traded OTC.

If we take the missing bananas for what I believe them to be (traded off-exchange in OTC dark pools), then **170.24%** of the **GME float** was traded in OTC dark pools across 8 low-volume trading days...

TLDR: **Over 90%** of GME trades from 4/13 - 4/20 were routed through dark pools (**FINRA ADF** or **OTC**). **Over 70% ($6.28 billion)** of the money that was spent on GME bananas over this 6-day trading period was routed through dark pools (**FINRA ADF** or **OTC**). We may now how a way of tracking daily OTC / Dark pool numbers rather than waiting 2-4 weeks for FINRA data. They can't keep this up forever, especially if we can bring some attention to their corrupt antics for manipulating GME. And don't forget to VOTE!

Edit 1: Formatting