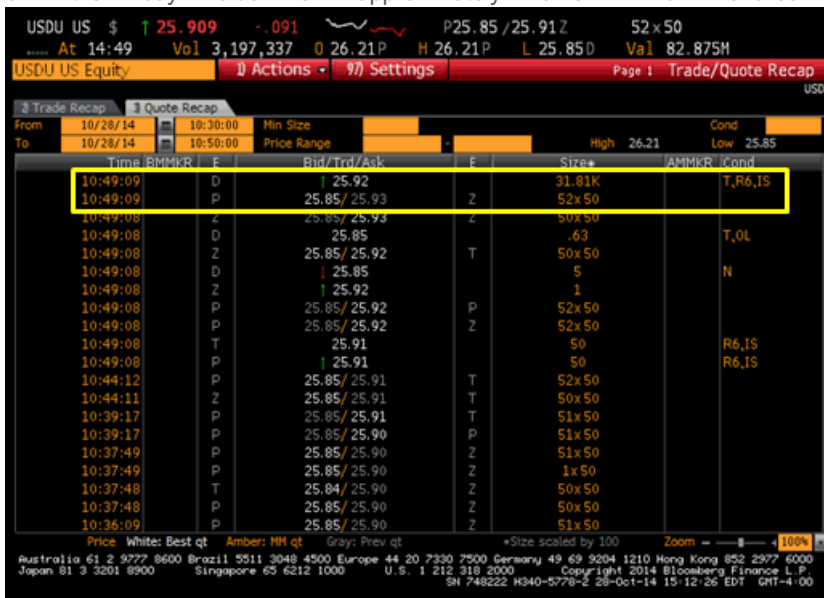


IT'S OK TO "SELL OUT"

Michael Barrer — Director of Capital Markets
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This blog post is relevant to institutional investors interested in trading exchange-traded funds (ETFs) in significant volume. Individual investors do not always have access to liquidity providers to trade ETFs as referenced below. One of the main benefits of the exchange-traded fund (ETF) structure is [intraday liquidity](#). Whether an investor is trading 100 shares in their brokerage account or millions of shares on behalf of an institution, accessing liquidity and obtaining fair execution typically have no bearing on if buying or selling an ETF. An ETF is at least as liquid as its [underlying basket](#), regardless of [average daily volume \(ADV\)](#). Moreover, [ETF liquidity providers](#) are in the business of facilitating trade activity to *all* [market participants](#). That being said, I still hear investors who are skeptical about being able to easily exit their position when it comes time to sell. The notion that liquidity favors buyers over sellers is simply not correct. Two similar trades in the [WisdomTree Bloomberg U.S. Dollar Bullish Fund \(USDU\)](#) provide a great example. In figure 1, we see a large [block](#) trade on the buy side of approximately 3.18 million shares on October 28, 2014. **Figure 1**



Source: Bloomberg, 10/28/14. Past performance is not indicative of future results.

From an execution standpoint, the client was able to buy approx. \$82 million worth of USDU, one penny inside the [offer](#), on a [spread](#) that was .08 cents [wide](#). The 30-day ADV at the time of the trade was just over 11,000 shares. Fast forward three months, and look at a similar block trade on the sell side. As illustrated in figure 2, on January 26, 2015, a block of 3.13 million shares to sell executed on the bid when the spread of USDU was .03 cents wide. At the time of this trade, the 30-day ADV was 450,000 shares. **Figure 2**

GRAB

USDU US Equity | Actions | Settings | Page 3 Trade/Quote Recap

Trade Recap | Quote Recap

From 14:36:00 01/26/15 | Show Ticks All | Cond Code Definitions

To 14:37:00 01/26/15

High 27.74 Low 27.56

Time	BMMKR	E	Bid/Trd/Ask	E	Size (x100)	AMMKR	Cond
14:36:48		T	27.60/27.61	P	151x25		
14:36:47		Z	27.60/27.61	P	150x25		
14:36:47		T	27.60/27.61	P	151x25		
14:36:46		Z	27.60/27.61	P	150x25		
14:36:46		Z	27.60/27.61	P	100x25		
14:36:46		Z	27.60/27.61	P	50x25		
14:36:45		T	27.60/27.61	P	1x25		
14:36:45		T	27.60/27.61	P	51x25		
14:36:45		T	27.60/27.61	P	101x25		
14:36:45		T	27.60/27.61	P	151x25		
14:36:45		T	27.60/27.61	P	150x25		
14:36:45		T	27.60/27.61	P	100x25		
14:36:45		T	27.60/27.61	P	50x25		
14:36:36		D	↑ 27.58		31.31K		T
14:36:30		P	27.58/27.61	P	14x25		
14:36:30		P	27.58/27.61	P	10x25		
14:36:27		P	27.57/27.61	P	11x25		
14:36:27		P	↓ 27.57		3		
14:36:27		P	27.57/27.61	P	7x25		

USD Price White: Best qt Amber: MM qt Gray: Prev qt Zoom 100%

Australia 61 2 9777 8600 Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000
 Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000 Copyright 2015 Bloomberg Finance L.P.
 SN 295884 6990-5162-1 29-Jan-15 10:29:17 EST GMT-5:00

Source: Bloomberg, 1/26/15. Past performance is not indicative of future results.

Figure 2 is telling us that a client was able to exit a large trade that was six times the ADV of the Fund without impacting the market. This example is just one of many we see each day of an execution on both the buy and sell sides. Now that we have taken you through an example, here is why it should *not* matter whether you are a buyer or a seller. Regardless of trade size, the person on the other side of the trade is most likely an ETF liquidity provider.¹ A liquidity provider is making a market to both buy and sell a fund at their quoted prices. They do not care whether the client is a buyer or a seller. That's because a market maker quotes prices based on the fair value of the fund, plus any trading costs and a small profit. Once the ETF is bought from or sold to the client, the market maker will usually look to hedge themselves by taking the other side of the underlying basket, a similar ETF or another highly correlated hedge. The objective is to then unwind the trade through the marketplace or the creation/redemption process with the issuer. In summary, ETF liquidity providers are in the business of facilitating execution to both buyers and sellers. We hope that this example gives confidence to all ETF investors that regardless of whether you are buying or selling, liquidity does not show favoritism when it comes to obtaining good execution. ¹The size you are trading determines what method of execution you should choose. Refer to Understanding ETFs: Trading and Valuation for further information on executing in large size.

For more investing insights, check out our [Economic & Market Outlook](#)

View the online version of this article [here](#).

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You cannot invest directly in an index.

DEFINITIONS

Liquidity : The degree to which an asset or security can be bought or sold in the market without affecting the asset's price. Liquidity is characterized by a high level of trading activity. Assets that can be easily bought or sold are known as liquid asset.

Underlying basket : Securities held by a fund to replicate an investment strategy or index.

Average daily volume : Average dollar amount traded over the course of a single trading day.

Liquidity providers : Traders that facilitate the trading of ETF shares by conducting the transference of liquidity between the underlying basket shares and the ETF.

Market : A bid and an offer on a particular ETF.

Block order : Typically, a 10,000 share order (excluding penny stocks) or \$200,000 worth of fixed-income securities would constitute a block order.

Offer : The price at which investors are willing to sell.

Spread : Typically refers to a difference between a measure of yield for one asset class and a measure of yield for either a different subset of that asset class or a different asset class entirely.

Widen : an increase in the amount of compensation bond holders require to lend to risky borrowers. When spreads widen, the market is implying that borrowers pose greater risk to lenders.

Hedge : Making an investment to reduce the risk of adverse price movements in an asset. Normally, a hedge consists of taking an offsetting position in a related security, such as a futures contract.

Correlation : Statistical measure of how two sets of returns move in relation to each other. Correlation coefficients range from -1 to 1. A correlation of 1 means the two subjects of analysis move in lockstep with each other. A correlation of -1 means the two subjects of analysis have moved in exactly the opposite direction.

Market : A bid and an offer on a particular ETF.

Creation and Redemption Process : The process whereby an ETF issuer takes in and disburses baskets of assets in exchange for the issuance or removal of new ETF shares.