

OTC Transparency (ATS and Non-ATS)

Data Website User Guide

October 31, 2019

Version 6

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The screenshots herein include artificial data for demonstration purposes only. Nothing about the actual performance or presentation of the Website should be inferred from the screenshots. FINRA reserves the right to change the screens at any time, without notice.

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Overview

As announced in Regulatory Notice <u>14-07</u>, on January 17, 2014, the SEC approved a proposed rule change to (i) adopt FINRA Rule 4552 to require each ATS to report to FINRA weekly equity volume information and number of securities transactions within the ATS (ATS reporting requirement); and (ii) amend FINRA Rules 6160, 6170, 6480 and 6720 to require each ATS to acquire and use a single, unique MPID when reporting information to FINRA (MPID requirement). As part of these requirements, FINRA makes the reported volume and trade count information for equity securities publicly available on its website as described below.

FINRA publishes on its website the reported information in each equity security for each ATS for each week. FINRA publishes the aggregate reported information regarding NMS stocks in Tier 1 of the NMS Plan to Address Extraordinary Market Volatility on a two-week delayed basis. FINRA publishes the information on all other NMS stocks and OTC Equity Securities subject to FINRA trade reporting requirements on a four-week delayed basis.

As announced in Regulatory Notice 2015-48 the SEC approved a proposed rule change to amend Rules 6110 and 6610 to expand the transparency initiative by publishing Non-ATS OTC equity volume.

FINRA publishes on its website the reported information in each equity security for each Non-ATS that meets the volume threshold¹ or as an aggregated "De minimis Firms" calculation for each week or month. FINRA publishes the aggregate reported information regarding NMS stocks in Tier 1 of the NMS Plan to Address Extraordinary Market Volatility on a two-week delayed basis. FINRA publishes the information on all other NMS stocks and OTC Equity Securities subject to FINRA trade reporting requirements on a four-week delayed basis. FINRA publishes monthly OTC Non-ATS data on a one month delay publishing on the first Monday (or next business day) of the following month. Beginning on April 25, 2016 weekly reports will be published and monthly reports will begin on June 6, 2016.

Information regarding specific questions about OTC Transparency reporting and publication can be found in the OTC Transparency section of the FINRA Website available at: <u>http://www.finra.org/OTC-Transparency.</u>

As announced in Regulatory Notice 2016-14 the SEC approved a proposed rule change to amend Rule 6110 to expand the transparency initiative by publishing ATS Block equity volume in NMS stocks.

FINRA will expand the ATS Transparency initiative by publishing ATS Block Data. The ATS Block Data is aggregated ATS trade data in NMS stocks that meets certain share based and dollar based thresholds and is reported by member firms to the FINRA equity trade reporting facilities (i.e., the Alternative Display Facility and the FINRA Trade Reporting Facilities). The data will be aggregated across all NMS stocks on a monthly basis and will be able to be filtered by ATS. ATS Block data will be available on a one month delay, publishing on the first Monday (or next business day) of the following month. Beginning on Monday, October 3, 2016, the monthly reports will be published.

¹ Trading Information for firms with "de minimis" OTC equity volume outside of an ATS, i.e., on average fewer than 200 transactions per day across all securities during the applicable Trading Information period, is aggregated and published on a non-attributed basis. In addition, Trading Information is further aggregated for member firms that have executed on average fewer than 200 transactions per day in a given security during the applicable Trading Information period. For the weekly non-ATS data, the de minimis threshold is calculated separately for Tier 1 NMS stocks, other NMS stocks and OTC Equity Securities, and for the monthly non-ATS data, the de minimis threshold is calculated separately for NMS stocks (not broken down by tier) and OTC Equity Securities.

As announced in Regulatory Notice 2019-29, the SEC approved a proposed rule change to amend Rule 6110 to expand the transparency initiative by publishing new monthly aggregate block-size trading data for OTC trades in NMS stocks executed outside an alternative trading system (ATS) on a one-month delayed basis and aggregate non-ATS volume for all firms by eliminating the existing de minimis exception.

FINRA will expand the Non-ATS Transparency initiative by publishing Non-ATS Block Data. The Non-ATS Block Data is aggregated Non-ATS trade data in NMS stocks that meets certain share based and dollar based thresholds and is reported by member firms to the FINRA equity trade reporting facilities (i.e., the Alternative Display Facility and the FINRA Trade Reporting Facilities). The data will be aggregated across all NMS stocks on a monthly basis and will be able to be filtered by Non-ATS Firm. Non-ATS Block data will be available on a one month delay, publishing on the first Monday (or next business day) of the following month. Beginning on Monday, December 2, 2019, the monthly reports will be published.

In addition, FINRA will eliminate the de minimis exception and publish on an attributed basis each firm's aggregate non-ATS volume (number of trades and number of shares) on a weekly or monthly basis, as applicable but notes that the de minimis exception will continue to apply for purposes of the security-specific non-ATS volume data.

FINRA OTC Transparency Data Website

FINRA publishes the weekly and monthly data on the OTC Transparency Data Website that is viewable by all users alike.

Upon accessing the website the user is able to view and filter the weekly published data for ATS Transparency and weekly or monthly published data for OTC (Non-ATS) Transparency.

- This includes:
- Issue Data
- Firm Data
- Statistics
- Filters
 - 1. Issue
 - 2. Report Date
 - 3. Report Type
- Download Reports

Contacts

FINRA Contact Information:

General Product Inquiries; product functionality	DL-ATS-OPS@finra.org			
General Product Inquiries; product functionality	FINRA Operations			
	866.776.0800			
	finraoperations@finra.org			
Legal Issues	FINRA Office of General Counsel			
	202.728.8071			
Product implementation and enhancement	FINRA Product Management			
information	866.899.2107			
	FINRAProductManagement@finra.org			

Web Application Overview

The OTC Transparency Data Website is designed for ease of use. The sections that follow in the User Guide describe in detail how to use all functionality available on the website and how to interpret the data that is returned.



Figure 1 Home Page and Masthead

Masthead Links

These links are located in the top right corner of the Home Page and are accessible throughout all screens. The user can access them at any time when viewing the website. Users wishing to return to the Home Page can do so by clicking on the FINRA logo at the top of the Masthead.

FINRA Home

Navigates the user to a new tab at <u>www.FINRA.org</u>. FINRA.org is the main FINRA website which provides the user with links to such topics as education, compliance and transparency.

About FINRA

Navigates the user to a new tab at <u>www.FINRA.org/AboutFINRA</u>. This page provides the user with information about the FINRA organization and includes links to such topics as Annual Reports, Operating and Holiday Schedule, Locations, and Contacts.

Careers

Navigates the user to a new tab at <u>www.FINRA.org/careers</u>. This page provides the user with links to such topics as Working at FINRA, Internships, Awards & Recognition, and Current Opportunities.

Media Center

Navigates the user to a new tab at <u>www.FINRA.org/media-center</u>. This page provides the user with links to such topics as News Releases, Speeches and Testimony, Statistics and Data, and Investor Alerts.

Contact Us

Navigates the user to a new tab at <u>www.FINRA.org/contact-finra</u>. This page provides the user with links to contacts for the Industry, Investor, Arbitration, and General inquiries.

BrokerCheck

Navigates the user to a new tab at <u>https://brokercheck.finra.org/</u>. This page provides the user with a free tool to research the background and experience of financial brokers, advisers and firms.

Rules & Guidance

Navigates the user to a new tab at <u>www.FINRA.org/rules-guidance</u>. This page provides the user with links to such topics as the FINRA Manual, Interpreting and Enforcing the rules, and the Rulebook.

Registration, Exams & CE

Navigates the user to a new tab at <u>www.FINRA.org/registration-exams-ce</u>. This page provides the user with links to such topics as Registration information, Qualifications Exams and Registration Systems.

Events & Training

Navigates the user to a new tab at <u>www.FINRA.org/events-training</u>. This page provides the user with a free tool to such topics as research the background and experience of financial brokers, advisers and firms.

Filing & Reporting

Navigates the user to a new tab at <u>www.brokercheck.FINRA.org</u>. This page provides the user with links to such topics as Conferences and Events, FINRA Institute at Georgetown and E-Learning.

Compliance Tools

Navigates the user to a new tab at <u>www.FINRA.org/compliance-tools</u>. This page provides the user with links to such topics as Cybersecurity Checklist, Compliance Calendar, and Per-2-Peer Compliance Library.

For Investors

Navigates the user to a new tab at <u>www.FINRA.org/investors#</u>. This page provides the user with free tools and Calculators as well as to such topics as Personal Finance, Learn to Invest and Protect Your Money.

LOG IN

Navigates the user to access FINRA Membership gateways including FIRM Gateway, Financial Professional Gateway (FINPRO), Dispute Resolution Portal, Uniform Practice Code, and Other Systems.

User Certification

The user must certify in the affirmative upon each visit to the webpage to access the OTC Transparency data.

Terms of Use
All the information on this website is published in good faith and for general information purpose only and subject to change without notice. The information is based on data reported to FINRA, and FINRA does not make any warranties about the completeness, timeliness, reliability or accuracy of this information. FINRA is not responsible for any inaccuracies, errors or omissions or the timeliness of any information on this website. While the information contained within the site is periodically updated, no guarantee is given that the information provided is correct, complete, or up-to-date. Any action you take upon the information contained on this website is strictly at your own risk and FINRA will not be liable for any losses or damages in connection with the use of this website or data. If you do not agree to these Terms of Use, please discontinue use of the information and data on this website. Attribution shall be given to FINRA in all copyrightable works which are created using the information contained on this website. Said attribution shall be in the following, or a substantially similar format: OTC Transparency data is provided via http://www.finra.org/industry/OTC-Transparency and Is copyrighted by FINRA 2019.
I AGREE I DISAGREE

The User must read the Terms of Use and certify using the "I Agree" or "I Disagree" button. Further details are provided directly below regarding these buttons.

Clicking "I Disagree" will result in the following message:

You must agree to the terms to access the OTC Transparency Data.



After clicking "I Disagree" and receiving the message above, you may either close the window to leave the application, or else click "I Agree" to continue. Clicking "I Agree" will result in accessing the "ATS Issue Data" page of the OTC Transparency Data Website.

Issue Data tabs

ATS Issue Data

This page is the initial page and displays Total Shares and Total Trades per security symbol for a specific report for a specific report type for all ATSs. This page includes filter capabilities.

ATS Issue Data	AISC	ATS Statist	65 A	TS Download	ATS Blocks	ATS Blocks Download	OTC (Non-ATS) Issue Data	DIC (North	ATS) CITE (No Statis			OTC (Non-ATS) Blocks Downloa
domative Display ursuant to former is quities) and can be	Facility FINRA I o viewo 6, Issue	the Trade Reporting Rule 4552. The data d by clicking the rele	Facilitien has been vant repo	i, and the OTC Re aggregated on a rt on the left hand	porting Facility). I weekly besis and side of the screen	or trade data p can be viewed b. Details of ea	prior to February 1 I by symbol or by 7 ch report can be v	2016, the VTS_ATS re lewed by cli	ATS Transparen ports are availat cking the icon or	cy Data is aggregation of the right side of early the	e reporting facilities () e ed trade data reported BAS Tier 1, NMS Tier 2 ch row. For trading we A links to insue data tro	by ATSs , and OTC eks beginning
Innue		Symbol	-	Description			Total 5	baren	Total Trades	Last Updated	0	wtaille.
Symbol or Issue Rome	×	А.		Agilant Fachnologies				(2013)	13,301	02/22/2016		8
		AA.		Alcos, Inc.				1.675.822	85.424	620220016		6
Weekly Report												
Weekly Report		AAL		American Airlines Gro	up, Inc Common St	uck.		(336,549	31,940	0202/2016		8
211.0216				American Airlines Gro Aarons Inc	sap, Inc Common St	60K.		.336,549 .205,881	91,940	03922016 039220216		6
		AAL				ork.						-

Display default is to the most current Weekly Report for NMS Tier 1 stocks in alphabetical order.

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headings are included on this grid:

Symbol: Assigned by the primary listing market (NMS stocks), or by FINRA (OTCE symbols).

Description: Company name associated with the symbol.

Total Shares: Aggregate weekly total number of shares reported by all ATSs for the symbol.

Total Trades: Aggregate weekly total number of trades reported by all ATSs for the symbol.

Last Updated: Most recent date on which total trades and/or total shares is updated based on data received from all ATSs.

Detail: Clicking the icon launches a pop-up screen with data details for the security per ATS. Refer to the Details Page section for more information.

Issue	
Symbol or Issue Name	
Weekly Report	
1/4/2018	_
1/4/2010	*
Report	
NMS Tier 1	
O NMS Tier 2	
O OTCE	

Issue:

Search criteria uses "contains" logic and results are in alphabetical order by symbol. Symbol: Assigned by the primary listing market (NMS stocks) or by FINRA (OTCE symbols). Issue Name: Company name associated with the symbol.

Weekly Report: Provides the user access to the twenty-seven (27) most current weeks of published reports.

Report:

NMS Tier 1: Stocks included in the S&P 500, Russell 1000 and select exchange-traded products. NMS Tier 2: Contains all other NMS stocks. OTCE: Contains all Over-the-Counter equity securities.

This page is the initial page and displays Total Shares and Total Trades per security symbol for a specific weekly report for a specific report type. This page includes filter capabilities.

OTC (Non-ATS) Issue Data

This page is the initial page and displays Total Shares and Total Trades per security symbol for a specific report for a specific report type for all non-ATS trade data reported by member firms. This page includes filter capabilities.

ATS Issue Data	ATS	bata	ATS Statistics	ATS Download	ATS Blocks	ATS Blocks Download	OTC (Non-ATS) Issue Data	OTC (Non-AT Data	S) OTC (Non-		OTC (Non-ATS) Blocks	OTC (Non-ATS) Blocks Downloa
acilities, and the ports are availab	OTC Rep sle for all	orting Fac equities (v	ility). The data weekly for NMS	has been aggreg Tier 1, NMS Tier	ated on a weekly a	member firms to and monthly basis ies and monthly fi	the FINRA equity s and can be view	d by symbol o	or by member fin	te Alternative Display Fa m (except firms with de r r clicking the relevant rep	ninimis volume).	Reporting OTC (Non-ATS
Gener		Symbol		Description			Tota	Shares	Total Trades	Last Updated		Details
Weekly Monthly		A		Agilent Techno	kogies			994,942	4,117	04/14/2016		B.
1500		~		Alcoa, Inc.				44,760,799	32,944	04/14/2016		B
lymbol or Issue Nam		AAL		American Airlin	ves Group, Inc Comm	ton Stock		9,584,729	20,575	04/14/2016		B
leport Start Date		AAN		Aarons Inc				408,014	2,568	04/14/2016		B
/11/2016	-	AAP		Advance Auto	Parts Inc			720,426	4,801	04/14/2016		B
beport		AAPL		Apple Inc Co	mmon Stock			02,843,032	398,617	04/14/2016		B
NMS Tier 1		JAAXJ		iShares MSCI	All Country Asia ex Jap	an ETF		2,776,125	1,837	04/14/2016		B
) NMS Tier 2) OTCE		ADDV		AbbV/se Inc.				8,160,660	30,060	04/14/2016		B
		ABC			ergen Corporation			1.010.894	6.123	04/14/2016		-

Display default is to the most current Weekly Report for NMS Tier 1 stocks in alphabetical order.

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headings are included on this grid:

Symbol: Assigned by the primary listing market (NMS stocks), or by FINRA (OTCE symbols).

Description: Company name associated with the symbol.

Total Shares: Aggregate weekly total number of shares reported by all member firms (excluding ATS data) for the symbol.

Total Trades: Aggregate weekly total number of trades reported by all member firms (excluding ATS data) for the symbol.

Last Updated: Most recent date on which total trades and/or total shares is updated based on data received from all member firms reporting non-ATS trade data.

Detail: Clicking the icon launches a pop-up screen with data details for the security per member firm or as an aggregated "De minimis Firms" calculation. Refer to the Details Page section for more information.

View: Weekly

View	
 Weekly Monthly 	
Issue	
Symbol or Issue Name	
Report Start Date	
4/4/2016	•
Report	
NMS Tier 1	

View: Determines the Report State Dates available for selection and the Reports available for the date selected.

Issue:

Search criteria uses "contains" logic and results are in alphabetical order by symbol. Symbol: Assigned by the primary listing market (NMS stocks) or by FINRA (OTCE symbols). Issue Name: Company name associated with the symbol.

Report Start Date:

Weekly View: Provides the user access to the twenty-seven (27) most current weeks of published reports.

Report:

Weekly View: NMS Tier 1: Stocks included in the S&P 500, Russell 1000 and select exchange-traded products. NMS Tier 2: Contains all other NMS stocks. OTCE: Contains all Over-the-Counter equity securities.

View: Monthly

View	
O Weekly	
Monthly	
Issue	
Symbol or Issue Name	
Month	
April - 2016	•
Report	
NMS	
O OTCE	

View: Determines the Report State Dates available for selection and the Reports available for the date selected.

Issue:

Search criteria uses "contains" logic and results are in alphabetical order by symbol. Symbol: Assigned by the primary listing market (NMS stocks) or by FINRA (OTCE symbols). Issue Name: Company name associated with the symbol.

Month: Provides the user access to the six (6) most current months of published reports.

Report:

Monthly View: NMS: Contains all NMS stocks without Tier designations. OTCE: Contains all Over-the-Counter Equity securities.

Details Pages

ATS Details Page

Provides full security and report details for the selected symbol on the Issue Data tab for all ATSs. Total shares and total trades are broken down per reporting ATS.

Note: Data shown is sample data and does not reflect any actual volume or number of trades.

Alternative Trad	ing Systems Data Details					
Symbol Description Product Total Shares	A Agilent Technologies CTS 1,415,517	Repo Weel Total		NMS Tier 1 05/26/2014 10,910		
ATS Description		Shares	Shares Last Updated Date	Trades	Trades Last Updated Date	[
ATS MPID AT	S Name	188,318	06/16/2014	1,645	06/16/2014	
ATS MPID AT	S Name	166,000	06/16/2014	1,432	06/16/2014	
ATS MPID ATS		138,008	06/16/2014	1,136	06/16/2014	
ATS MPID ATS	S Name	132,584	06/16/2014	1,224	06/16/2014	
ATS MPID ATS	Name	111,700	06/16/2014	1,048	06/16/2014	
ATS MPID ATS	Name	106,241	06/16/2014	689	06/16/2014	
ATS MPID ATS	Name	90,400	06/16/2014	697	06/16/2014	

Symbol: Assigned by the primary listing market (NMS stocks) or by FINRA (OTCE symbols).

Description: ATS MPID and Company name associated with the symbol.

Product: SIP trade feed or over-the-counter equities identifying the full set of symbols disseminated on the specific trade feed.

Total Shares: Aggregate weekly total number of shares reported by all ATSs for the symbol.

Report: NMS Tier 1, NMS Tier 2, OTCE.

Week of: Reflects first day of reporting week.

Total Trades: Aggregate weekly total number of trades reported by all ATSs for the symbol.

OTC (Non-ATS) Details Page

Provides full security and report details for the selected symbol on the Issue Data tab for all member firms (excluding ATSs) or as an aggregated "De minimis Firms" calculation.

Total shares and total trades are broken down per member firm (excluding ATS data).

Note: Data shown is sample data and does not reflect any actual volume or number of trades.

Symbol	AA	Report		NMS Tier 1
Description Product	Alcoa, Inc.	Week of		11/30/2015
Total Shares	19,585,535	Total Trades		54,346
OTC (Non-ATS) Description	Shares	Shares Last Updated Date	Trades	Trades Last Updated Date
Non-ATS Securities LLC	7,523,476	01/27/2016	4,956	01/27/2016
Non-ATS Securities LLC	1,520,503	01/27/2016	3,634	01/27/2016
Non-ATS Securities LLC	440,972	01/27/2016	8,094	01/27/2016
De Minimis Firms	,229,672	01/27/2016	,785	01/27/2016
Non-ATS Securities LLC	29,181	01/27/2016	69	01/27/2016
Non-ATS Securities LLC	16,995	01/27/2016	. 6	01/27/2016

Symbol: Assigned by the primary listing market (NMS stocks) or by FINRA (OTCE symbols).

Description: Company name.

Product: SIP trade feed or over-the-counter equities identifying the full set of symbols disseminated on the specific trade feed.

Total Shares: Aggregate weekly total number of shares reported by member firms (excluding ATS data) for the symbol.

Report: NMS Tier 1, NMS Tier 2, OTCE.

Week of: Reflects first day of reporting week.

Total Trades: Aggregate weekly total number of trades reported by all member firms (excluding ATS data) for the symbol.

OTC (Non-ATS) Description: Member firm name or "De minimis Firms" volume associated with the symbol. Shares: Total shares reported by the member firm (excluding ATS data) in the security for the report week.

Shares Last Updated Date: Date on which shares were updated by the specific member firm.

Trades: Total trades reported by the member firm in the security for the report week.

Trades Last Updated Date: Date on which trades were updated by the specific member firm.

ATS Blocks Details Page

Provides aggregated report details for the selected ATS MPID on the ATS Blocks tab. All statistics are broken down per reporting ATS.

Note: Data shown is sample data and does not reflect any actual volume or number of trades.

ATS Blocks Data (10K+ Shares)							
ATS MPID	ATS MPID	Firm Name	ATS Name				
ATS Activity - Total Trades	863	ATS Activity - Total Shares	10,649,100				
ATS Activity - Average Trade Size	12,340	ATS Activity - Average Trade Size Rank	6				
ATS Market Share - Trades	0.00 %	ATS Market Share - Shares	0.05 %				
ATS Rank - Trades	33	ATS Rank - Shares	32				
ATS Block Activity - Trades	298	ATS Block Activity - Shares	7,768,300				
ATS Block Activity - Average Trade Size	26,068	ATS Block Activity - Average Trade Size Rank	9				
ATS Block Market Share - Trades	0.43 %	ATS Block Market Share - Shares	0.43 %				
ATS Block Rank - Trades	27	ATS Block Rank - Shares	25				
ATS Block Business Share - Trades	34.53 %	ATS Block Business Share - Shares	72.95 %				
ATS Block Business Share Rank - Trades	6	ATS Block Business Share Rank - Shares	7				
MPID Last Updated	9/30/2016	Report Date	Oct 2016				

ATS MPID: ATS MPID.

ATS Activity – Total Trades: Total of all ATS trades (block and non-block) by ATS MPID.

ATS Activity – Average Trade Size: Based on the total of all ATS trades and shares traded (block and non-block) by ATS MPID.

ATS Market Share - Trades: Percentage of ATS Total Trades of the Grand Total of all ATS Trades by ATS MPID. **ATS Rank - Trades:** Rank of ATS Trades Market Share per ATS MPID as compared to all other ATS MPIDs Market Share Trades (block and non-block).

ATS Block Activity - Trades: Total of all ATS Trades that meet Block Trade report criteria by ATS MPID.

ATS Block Activity – Average Trade Size: Based on the total of ATS Block trades and shares traded by ATS MPID. **ATS Block Market Share - Trades:** Percentage of ATS Block Trades of the Grand Total of all ATS Block Trades by ATS MPID.

ATS Block Rank - Trades: Rank of ATS Block Trade Market Share per ATS MPID as compared to all other ATS MPIDs Block Trades.

ATS Block Business Share - Trades: Percentage of ATS Block Trades of their ATS Total Trades by ATS MPID.

ATS Block Business Share Rank - Trades: Rank of ATS Block Trade Business Share per ATS MPID as compared to all other ATS MPIDs Block Trades Business Share.

MPID Last Updated: Most recent date on which total trades and/or total shares is updated based on data received from the specific ATS' trade data.

Firm Name: ATS Company name.

ATS Activity - Total Shares: Total of all ATS shares traded (block and non-block) by ATS MPID.

ATS Activity – Average Trade Size Rank: Rank of ATS Average Trade Size per ATS as compared to all other ATS MPIDs Average Trade Sizes.

ATS Market Share - Shares: Percentage of ATS Total Shares Traded of the Grand Total of all ATS Shares Traded by ATS MPID.

ATS Rank - Shares: Rank of ATS Shares traded Market Share per ATS MPID as compared to all other ATS MPIDs Market Share of Shares Traded (block and non-block).

ATS Block Activity - Shares: Total of ATS Shares traded that meet Block Trade report criteria by ATS MPID.

ATS Block Activity – Average Trade Size Rank: Rank of ATS Average Block Trade Size per ATS MPID as compared to all other ATS MPIDs Average Block Trade Sizes.

ATS Block Market Share - Shares: Percentage of ATS Block Shares Traded of the Grand Total of all ATS Block Shares Traded by ATS MPID.

ATS Block Rank - Shares: Rank of ATS Block Market Share per ATS MPID as compared to all other ATS MPIDs Market Share of Shares Traded.

ATS Block Business Share - Shares: Percentage of ATS Block Shares Traded of their ATS Total Shares Traded by ATS MPID.

ATS Block Business Share Rank - Shares: Rank of ATS Block Shares Traded Market Share per ATS MPID as compared to all other ATS MPIDs Block Shares Traded Business Share. **Report Date:** Report month.

OTC (Non-ATS) Blocks Details Page

Provides aggregated report details for the selected Non-ATS Firm on the OTC (Non-ATS) Blocks tab. All statistics are broken down per reporting Non-ATS Firm. Note: Data shown is sample data and does not reflect any actual volume or number of trades.

OTC (Non-ATS) Blocks Data (10K+ Shares)

	Firm Name	OTC (Non-ATS) Fim Name		
	OTC (Non-ATS) Activity - Total Trades	1,507,219	OTC (Non-ATS) Activity - Total Shares	188,501,971
	OTC (Non-ATS) Activity - Average Trade Size	125	OTC (Non-ATS) Activity - Average Trade Size Rank	198
	OTC (Non-ATS) Market Share - Trades	2.42%	OTC (Non-ATS) Market Share - Shares	0.64%
	OTC (Non-ATS) Rank - Trades	6	OTC (Non-ATS) Rank - Shares	15
	OTC (Non-ATS) Block Activity - Trades	164	OTC (Non-ATS) Block Activity - Shares	2,509,643
	OTC (Non-ATS) Block Activity - Average Trade Size	15,303	OTC (Non-ATS) Block Activity - Average Trade Size Rank	172
	OTC (Non-ATS) Block Market Share - Trades	0.05%	OTC (Non-ATS) Block Market Share - Shares	0.02%
	OTC (Non-ATS) Block Rank - Trades	66	OTC (Non-ATS) Block Rank - Shares	93
	OTC (Non-ATS) Block Business Share - Trades	0.01%	OTC (Non-ATS) Block Business Share - Shares	1.33%
	OTC (Non-ATS) Block Business Share Rank - Trades	181	OTC (Non-ATS) Block Business Share Rank - Shares	183
	Report Date	Nov - 2019		
1)

Firm Name: Selected Company Name associated with Non-ATS MPID CRD Number.

OTC (Non-ATS) Activity – Total Trades: Total of <u>all</u> Non-ATS trades (block and non-block) for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Activity – Average Trade Size: Based on the total of all Non-ATS trades and shares traded (block and non-block) for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Market Share - Trades: Percentage of Non-ATS Total Trades of the Grand Total of all Non-ATS Trades for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Rank - Trades: Rank of Non-ATS Trades Market Share for Non-ATS MPIDs associated with the CRD Number and Company Name as compared to all other Non-ATS Firms Market Share Trades (block and non-block).

۱.

OTC (Non-ATS) Block Activity - Trades: Total of all Non-ATS Trades that meet Block Trade report criteria for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Activity – Average Trade Size: Based on the total of Non-ATS Block trades and shares traded for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Market Share - Trades: Percentage of Non-ATS Block Trades of the Grand Total of all Non-ATS Block Trades by Non-ATS Firm Name.

OTC (Non-ATS) Block Rank - Trades: Rank of Non-ATS Block Trade Market Share per Non-ATS Firm Name as compared to all other Non-ATS Firms Block Trades.

OTC (Non-ATS) Block Business Share - Trades: Percentage of Non-ATS Block Trades of their Non-ATS Total Trades for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Business Share Rank - Trades: Rank of Non-ATS Block Trade Business Share per Non-ATS Firm Name as compared to all other Non-ATS Firms Block Trades Business Share.

Report Date: Report month.

OTC (Non-ATS) Activity – Total Shares: Total of <u>all</u> Non-ATS shares traded (block and non-block) for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Activity – Average Trade Size Rank: Rank of Non-ATS Average Trade Size per Non-ATS as compared to all other Non-ATS Firms Average Trade Sizes.

OTC (Non-ATS) Market Share - Shares: Percentage of Non-ATS Total Shares Traded of the Grand Total of all Non-ATS Shares Traded by Non-ATS Firms.

OTC (Non-ATS) Rank - Shares: Rank of Non-ATS Shares traded Market Share for Non-ATS MPIDs associated with the CRD Number and Company Name as compared to all other Non-ATS Firms Market Share of Shares Traded (block and non-block).

OTC (Non-ATS) Block Activity - Shares: Total of Non-ATS Shares traded that meet Block Trade report criteria for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Activity – Average Trade Size Rank: Rank of Non-ATS Average Block Trade Size for Non-ATS MPIDs associated with the CRD Number and Company Name as compared to all other Non-ATS Firms Average Block Trade Sizes.

OTC (Non-ATS) Block Market Share - Shares: Percentage of Non-ATS Block Shares Traded of the Grand Total of all Non-ATS Block Shares Traded for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Rank - Shares: Rank of Non-ATS Block Market Share per Non-ATS Firm Name as compared to all other Non-ATS Firms Market Share of Shares Traded.

OTC (Non-ATS) Block Business Share - Shares: Percentage of Non-ATS Block Shares Traded of their Non-ATS Total Shares Traded for Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Business Share Rank - Shares: Rank of Non-ATS Block Shares Traded Market Share for Non-ATS MPIDs associated with the CRD Number and Company Name as compared to all other Non-ATS Firms Block Shares Traded Business Share.

Data tabs

ATS Data tab

Displays Total Shares and Total Trades reported per ATS for a specific weekly report for a specific report type. This page includes filter capabilities.

ATS Issue Data		Data - A	TS Statistics	ATS Download	ATS BOOKS	ATS Blocks Download	OTC (Non-ATS) Issue Data	OTC (Non-ATS) Data	OTC (Non-ATS) Statistics	OTC (Non-Al Download	S) OTC (Non-ATS) Diocks	OTC (Non-ATS) Blocks Download
ernative Displa	y Facility	, the Trade R	eporting Fac	sities, and the OT	C Reporting Facili	ty). For trade dat	ta prior to February	1, 2016, the ATS	S Transparency D	nta is aggrega	de reporting facilities led trade data report	ted by ATSs
uities) and can	be viewe	ed by clicking	the relevant.	report on the left h	and side of the sa	creen. For trading	g weeks beginning	on February 1, 2	016, data for those	+ ATSs that q	NMS Tier 1, NMS Tie ualify for an exempte cluded in the totals of	on from FINRA
vae reporting rul	65 (EX00	16K A 1-55 J 15	statements by a	circitoring array levening	are mysenicies in a	ne reame courns	 Liata provided by 	Exempt All as m	ny coman tostes t	THE BOD BISD IN	CIUGRO IN 1990 TOURS C	of PCI as shiel upou
xempt ATS sysh	ems and	therefore ma	y be double-	counted. Similarly,	data for ATSs th	at use Exempt A	TSs for trading ma	y contain totals th	at are also includ	ed in the total	s published by Exem	pt ATSs.
	ems and	Nate	y be double-	counted. Similarly,	data for ATSs th	at use Exempt A		y contain totals th otal Shares	al are also includ Total Tra		an Updated	pt ATSs.
leakly Report	ems and	-			data for ATSs th	at use Exempt A				les 1		pt ATSs.
eempt ATS sysh leekty Report 12016 leport		Natio	ATS Nam	10	data for ATSs th	at use Exempt A		otal Shares		den 1 113 0	aut Upstated	pt ATSs.
feekty Report		Name ATS MPIC	ATS Nam	10	data for ATSs th	at use Exempt A		otal Shares 1,362.600		les 1 123 0 7 1	ant Updated 20220016	pt ATSs.

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headers are included on this grid:

Name: ATS MPID and Company name associated with the symbol.

Total Shares: Aggregate weekly total number of shares reported by the specific ATSs for the symbol.

Total Trades: Aggregate weekly total number of trades reported by the specific ATSs for the symbol.

Last Updated: Most recent date on which total trades and/or total shares is updated based on data received from the ATSs.

Weekly Report	
1/4/2016	•
Report	
NMS Tier 1 NMS Tier 2 OTCE	

Weekly Report: Provides the user access to the twenty-seven (27) most current weeks of published reports.

Report:

NMS Tier 1: Stocks included in the S&P 500, Russell 1000 and select exchange-traded products. NMS Tier 2: Contains all other NMS stocks. OTCE: Contains all Over-the-Counter equity securities.

OTC (Non-ATS) Data tab

Displays Total Shares and Total Trades for non-ATS trade data reported per member firm calculation for a specific weekly report for a specific report type.

This page includes filter capabilities.

OTC Transpar	ency Data							
ATS Issue Data	ATS Data	ATS Statistics	ATS Download	ATS Blocks	OTC (Non-ATS) Issue Data			

The OTC (bion-ATS) Transperency Data is aggregated non-ATS trade data reported by member firms to the FINRA equity trade reporting facilities (i.e., the Atternative Display Facility, the Trade Reporting Facilities, and the OTC Reporting Facility). The data has been aggregated on a weekly and monthly basis and can be viewed by symbol or by member firm (except firms with de minimis volume). OTC (Non-ATS) reports are available for all equities (weekly for NAIS Tier 1, NAIS Tier 2, and OTC equities and monthly for NAIS and OTC equities) and can be viewed by clicking the relevant report on the left hand side of the screen

Vev		Xana .	Total Shares	Total Irades	Last Updated	
Weekly Monthly		Non-ATS Securities LLC	21,095,364	50.43	(4/14/2216	
Report Start Date		Non AT3 Securities LLC	153,48,567	543,954	64/14/2016	
4112016	*	Non-ATS Securities LLC	110,754,715	12:307	64/14/02/16	
		Non-ATS Securities LLC	66,632,754	176,385	04/14/2016	
Report (8) NMS Ter 1		Non-ATS Securities LLC	13,774,562	1,042	64/14/2216	
O NMSTer2 O 01CE		Non-ATS Securities LLC	67,545,378	1,644	04/14/2016	

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headers are included on this grid:

Name: Company name

Total Shares: Aggregate weekly total number of shares reported by the specific member firm (excluding ATS data) volume calculation for the symbol.

Total Trades: Aggregate weekly total number of trades reported by the specific member firm (excluding ATS data) volume calculation for the symbol.

Last Updated: Most recent date on which total trades and/or total shares is updated based on data received from all member firms.

View: Weekly

View	
 Weekly Monthly 	
Issue	
Symbol or Issue Name	
Report Start Date	
Report otalt Date	
4/4/2016	•
	Ŧ

View: Determines the Report State Dates available for selection and the Reports available for the date selected.

Issue:

Search criteria uses "contains" logic and results are in alphabetical order by symbol. Symbol: Assigned by the primary listing market (NMS stocks) or by FINRA (OTCE symbols). Issue Name: Company name associated with the symbol.

Report Start Date:

Weekly View: Provides the user access to the twenty-seven (27) most current weeks of published reports.

Report:

Weekly View: NMS Tier 1: Stocks included in the S&P 500, Russell 1000 and select exchange-traded products. NMS Tier 2: Contains all other NMS stocks. OTCE: Contains all Over-the-Counter equity securities.

View: Monthly

View Weekly Monthly Issue Symbol or Issue Name Month April - 2016		
Monthly Issue Symbol or Issue Name Month	View	
Monthly Issue Symbol or Issue Name Month		
Issue Symbol or Issue Name Month		
Symbol or Issue Name Month		
Symbol or Issue Name Month		
Month	Issue	
Month		
Month	Symbol or Issue Name	
	,	
April - 2016 👻	Month	
April - 2016 🔹		
	April - 2016	-
Report	Report	
NMS	NMS	
O OTCE	-	

View: Determines the Report State Dates available for selection and the Reports available for the date selected.

Issue:

Search criteria uses "contains" logic and results are in alphabetical order by symbol. Symbol: Assigned by the primary listing market (NMS stocks) or by FINRA (OTCE symbols). Issue Name: Company name associated with the symbol.

Month: Provides the user access to the six (6) most current months of published reports.

Report:

Monthly View: NMS: Contains all NMS stocks without Tier designations. OTCE: Contains all Over-the-Counter Equity securities.

Statistics tabs

ATS Statistics tab

Displays Aggregate Total Shares and Total Trades reported by all ATSs for the report week for all securities associated with a Product. The statistics are updated on a 4-week delay.

ATS Issue Data	ATS Data	ITS Statutics	ATS Download	ATS Blocks	ATS Blocks Download	OTC (Non-ATS) Issue Data	OTC (Non-ATS) Data	OTE (Non-ATS) Statistics	OTC (Non-ATS) Download	Blocks	OTC (Non-ATS) Blocks Downloa
Tade data begriven		Nernative Trading	System (ATS) Trans	arency Data is apprepri	ind trade data reported	t by ATSs to the Print,	equity trade reporting fa	Olites (La., the Abstrat	ive Display Facility, the	Trade Reporting Facili	tee, and the DTC
	trade data prior to Fabruary ok delayed basis. For trade									viewed by synthest or b ta from Easimpt ATTs.	y ATS. All Statistics In on the ATS Data tab.
ingen jaar in de nee	a and a set of a set	a need to be and	and the second states of			a part o prime pa		and and periods of the			
stal Charge	and Tradae hat	Deciderat (3	Mairin ani	1							
otal Shares	and Trades by	Product (1	May 12, 201	1)							
	and Trades by	Product (A		1)							
Product		Total Tra		1)							
Product CPR	Total Disease	Table Tra	elen et.aut.tue	1)							
Product CFR	Total Buren	Table Tra	alter .	1)							
otal Shares rome cra cra cra cra cra	Total Disease	Table Tra	elen et.aut.tue	1)							

The following Column headers are included on this grid:

Product: SIP trade feed or over-the-counter equities identifying the full set of symbols disseminated on the specific trade feed.

Total Shares: Aggregate weekly total number of all shares reported by all ATSs for all symbols. **Total Trades:** Aggregate weekly total number of all trades reported by all ATSs for all symbols.

OTC (Non-ATS) Statistics tab

Displays Aggregate Total Shares and Total Trades for non-ATS trade data reported by all member firms for the report week for all securities associated with a Product. The statistics are updated on a 4-week delay.

c transpar	ency Data			
sue Data	ATS Data	ATS Statistics	ATS Download	ATS Blocks
			ed non-ATS trade de	
ì	OTC Reporting Fallence	acility). All Statist	ics here are displaye	ed on a 4 wee
otal Sha	ures and Tr	ades by F	Product (A	pril 11.
Product		Total Shares	Total Trades	
Product		Total Shares	Total Trade	
CTS		Total Shares		1529,306
			6,292	

The following Column headers are included on this grid:

Product: SIP trade feed or over-the-counter equities identifying the full set of symbols disseminated on the specific trade feed.

Total Shares: Aggregate weekly total number of all shares reported by all member firms (excluding ATS data) for all symbols.

Total Trades: Aggregate weekly total number of all trades reported by all member firms (excluding ATS data) for all symbols.

ATS Blocks tab

Displays a list of reports for each report month of all report types that have been published and the date on which the specific report was last updated. This page includes filter capabilities.

C Transparency D	lata										7.67	ſ
IS issue Data AT	Sõeta	ATS State	itics ATS C	kownload ATS Blocks	ATS Blocks Download	OTC (Non-ATS) Issue Data	OTC (Non-ATS Outs	010 (Non-A Statistic				NC (Non-A ocks Down
				S stocks that meets cert is Reporting Facilities) 1								
				and side of the screen A								
undit .			-		Assesses		A Station of the	The PS COMP	ATERICA	ATLENS	Loss	4
ugust - 2016	A76	нею -	Feet Name	ATS Active Tiral Traile		AT'S Activity Average Trade Bize	ATS Block Activity (10K) Trades	ATS Block Activity (104) Shares	Activity (104) Average Trade Size	Autoretty (10H) Awartage Trade Size Rank	Laid Updated	Details
iport	• ATE		Fee Name		notal Shares	Average Trade	Activity (10K)	Autovery (1943	Accordy (10%) Accordy reside	Autoretty (10H) Awartage Trade	Updated	Details
		MPED		Table Table	notal Shares	Average Trade Bize	Azdivity (10K) Trodes	Autority (1996) 20-bres	Accordy (10K) Accordy Trade See	Autoretty (1090) Average Trade Size Rank	Updated 09/30/2016	Details
port 10x+ Sharry, 8200K+	ATS ATS ATS B	MPC)	A15 Name	Table Table	Tatal Blaves 101441,100 101441,100	Average Trade Base	Azdivity (10K) Trodes	Autory (104) Shares 7,768,300-	Activity (10K) Average Trate See (1.000	Autorety (10k) Average Trude Bite Rame	09/30/2016	8

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headers are included on this grid:

ATS MPID: ATS MPID.

Firm Name: ATS Company Name.

ATS Activity Total Trades: Aggregate monthly total number of trades (block and non-block) reported by ATS MPID.

ATS Activity Total Shares: Aggregate monthly total number of shares traded (block and non-block) reported by ATS MPID.

ATS Activity Average Trade Size: Based on the total of all ATS trades and shares traded (block and non-block) by ATS MPID.

ATS Block Activity (report criteria) Trades: Total of trades that meet Block Trade report criteria by ATS MPID.

ATS Block Activity (report criteria) Shares: Total of shares traded that meet Block Trade report criteria by ATS MPID.

ATS Block Activity (report criteria) Average Trade Size: Based on the total of ATS Block trades and shares traded by ATS MPID.

ATS Block Activity (report criteria) Average Trade Size Rank: Rank of ATS Block Average Trade Size by ATS MPID as compared to all other ATS MPIDs Average Block Trade Sizes.

Last Updated: Most recent date on which trades and/or shares columns are updated based on data received from an ATS MPID.



Month: the Report months available for selection.

Report:

10K+ Shares – Statistics based on all trades reported with a shares traded quantity of 10,000 or more per ATS MPID. \$200K+– Statistics based on all trades reported with a notional value (Price times shares) of \$200,000 or more per ATS MPID.

10K+ - AND - \$200K+- Statistics based on all trades reported with a shares traded quantity of 10,000 or more and a notional value of \$200,000 or more per ATS MPID.

2K to <10K– Statistics based on all trades reported with a shares traded quantity of 2,000 to 9,999 per ATS MPID.

\$100K to <\$200K- Statistics based on all trades reported with a notional value (Price times shares) of \$100,000 to \$199,999 per ATS MPID.

2K to <10K AND \$100K to <\$200K – Statistics based on all trades reported with a shares traded quantity of 2,000 to 9,999 and a notional value (Price times shares) of \$100,000 to \$199,999 per ATS MPID.

ATS Download tabs

ATS Download tab

Displays a list of reports for each report week for all report types that have been published and the date on which the specific report was last updated. This page includes filter capabilities.

ATS issue Data	ATSO	Data ATS	Statistics	ATS Download	ATS Blocks	AIS Blocks Download	OTC (Non-ATS) Invice Data	CITC (Nom ATS	OTC (Non-ATS) Statistics	OTC (Non-ATS) Download	GTC (Non-ATS) Blocks	OTC (Non-ATS) Blocks Downloa
emative Display rsuant to forme uities) and can bruary 1, 2016, S Data tab	y Facility, r FINRA 1 be viewe downloa	the Trade Rep Rule 4552. The d by clicking the ds for those AT	orting Facil data has b a relevant r Ss that qui	ities, and the OTC een aggregated o eport on the left hi alify for an exempt	Reporting Facilit n a weekly basis i and side of the sci	y) For trade dat and can be view reen. To initiate	is aggregated trade a prior to February ed by symbol or by downloads, click or los (Exempt ATSs)	1, 2016, the AT ATS_ATS repo	S Transparency De its are available for con located to the r	ta is aggregated to all equities (NMS right of each row. I	rade data reporter Tier 1, NMS Tier For trading weeks	t by ATSs 2, and OTC beginning on
o access the dat	a downeo	eers programme	sociary cach	C DEPER								
	a downio	Yeer	ocary oc	C FARTE.		- Week		- Report	lype Lar	et Updatied		Download
-	•	Year	acary cic	COURSE.		* Week	204	+ Report		n Updanid 23/2014		Download
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ner 116 epont NMS Ter 1		Year 2016	20,07 00	CROPE.		02/01/28	194	NMS T	e 1 020 e 1 020	22/2014		ι±ι
1 1		Year 2016 2016	2019 00	C REFE		0301/2	ine Ine	NMS To NMS To	e 1 020 e 1 020 e 1 020	23-2014 25-2014		et. et:

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headers are included on this grid:

Year: Year of the published report date.

Week: Reflects first day of reporting week.

Report Type: NMS Tier 1, NMS Tier 2, OTCE

Last Updated: Most recent date on which total trades and/or total shares is updated based on data received from all ATSs.

Download: Launches a separate window containing the data for the specific report in delimited format. Refer to the Download icon section below for additional information.

Year	
2016	•
Report	
MMS Tier 1 NMS Tier 2 OTCE	

Year: Provides the user access to all historical published weekly reports within the year selected.

Report:

NMS Tier 1: Stocks included in the S&P 500, Russell 1000 and select exchange-traded products. NMS Tier 2: Contains all other NMS stocks. OTCE: Contains all Over-the-Counter equity securities.

Download icon

Clicking on the icon to download a specific report will launch a new window with delimited data.

```
tierIdentifier|issueSymbolIdentifier|issueName|marketParticipantName|MPID|tot
alWeeklyShareQuantity|totalWeeklyTradeCount|lastUpdateDate
T1|A|Agilent Technologies Inc.|AQUA AQUA SECURITIES L.P.|AQUA|26400|2|2018-
11-05
```

ATS Blocks Download tab

Displays a list of reports for each report week of all report types that have been published and the date on which the specific report was last updated. This page includes filter capabilities.

ATS Inside Data	ATSO	ATS Statistics	ATS Download	ATS BOOKS	ATS BOOKS	OTC (Non-ATS)	OTC (Non-A	IS OTC Non-ATS	OTC-Mon-ATS	OTC (Non-ATS)	OTC (Non-ATS)
ATS ISSUE DATA	AND	Ra Alis Scatality	Ars Cowneed	AISTRCCS	Download	Issue Data	Data	Statistics	Download	Blocks	Blocks Download
he ATS Block De	eta is acco	egated ATS trade data in	NMS stocks that	moets cortain strare t	lob bre berev	ar based threshold	is and is repo	ried by member firm	s to the FINRA equ	ty trade reporting	facilities () e
		ity and the Trade Report									
icking the releva	nt report e	in the jeft hand side of th	e screen Addition	al Market Share State	stics and Rank	is for each report o	an be viewe	f by clicking the icon	on the right side of	each row	
o access the dat	a downios	ds programmatically clici	k žusto								
	a de linea.	and burgers and and									
Year		Year			- Month		T Been	tType Le	et Updated		Download
		Test			and a second			competition and a second	et opposite		Looweed .
					Aug-201	6	10K		0/3/2016		cto .
1016	-	2016			2409-201						
	*	2016			- August						
Raport		2016			- Anger						
laport E 10K+ Sharay		2016									
Inport 2 105 - Sharen 3 52004		2016									
Report 2 305 • Shares 3 52006 • 3 106 • - AND • 5200		2016									
016 Report 2 305 - Shares 3 5305 - 1 106 - AND - 5203 2 K to <106 3 5100 K to <2300K		2016									

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headers are included on this grid:

Year: Year of the published report date.

Month: Reflects month and year of report period.

Report Type: 10K+ Shares, \$200K+, 10K_ AND \$200K+, 2K to <10K, \$100K to < \$200K, 2K to < 10K AND \$100K

Last Updated: Most recent date on which total trades and/or total shares traded is updated based on data received from all ATSs.

Download: Launches a separate window containing the data for the specific report in delimited format. Refer to the Download icon section below for additional information.

Year	
2016	•
Report	
 ✓ 10K+ Shares ↓ \$200K+ ↓ 10K+ - AND - \$200K+ ↓ 2K to <10K ↓ \$100K to <\$200K ↓ 2K to <10K AND \$100K 	(to

Year: Provides the user access to all historical published weekly reports within the year selected.

Report:

10K+ Shares – Statistics based on all trades reported with a shares traded quantity of 10,000 or more per ATS MPID. \$200K+– Statistics based on all trades reported with a notional value (Price times shares) of \$200,000 or more per ATS MPID.

10K+ - AND - \$200K+- Statistics based on all trades reported with a shares traded quantity of 10,000 or more and a notional value of \$200,000 or more per ATS MPID.

2K to <10K- Statistics based on all trades reported with a shares traded quantity of 2,000 to 9,999 per ATS MPID.

\$100K to <\$200K– Statistics based on all trades reported with a notional value (Price times shares) of \$100,000 to \$199,999 per ATS MPID.

2K to <10K AND \$100K to <\$200K – Statistics based on all trades reported with a shares traded quantity of 2,000 to 9,999 and a notional value (Price times shares) of \$100,000 to \$199,999 per ATS MPID.

Download icon

Clicking on the icon to download a specific report will launch a new window with delimited data.

```
MPID|marketParticipantName|summaryTypeCode|summaryStartDate|totalTradeCount|t
otalShareQuantity|averageTradeSize|averageTradeSizeRank|ATSTradeRank|ATSShare
Rank|ATSTradePercent|ATSSharePercent|ATSBlockCount|ATSBlockQuantity|averageBl
ockSize|averageBlockSizeRank|ATSBlockTradeRank|ATSBlockShareRank|ATSBlockTrad
ePercent|ATSBlockSharePercent|ATSBlockBusinessTradePercent|ATSBlockBusinessSh
arePercent|ATSBlockBusinessTradeRank|ATSBlockBusinessShareRank|lastUpdateDate
AQUA|AQUA SECURITIES L.P.|10K|2018-08-
01|1159|8773612|7570|8|30|30|0.00|0.05|215|4934512|22951|11|27|27|0.27|0.23|1
8.55|56.24|8|9|2018-09-28
```

OTC (Non-ATS) Blocks tab

Displays a list of reports for each report month of all report types that have been published and the date on which the specific report was last updated. This page includes filter capabilities.

TC Transpa														
ATS Issue Data	ATS Data	ATS Statistics	ATS Download	ATS Blocks	ATS Blocks Download	OTC (Non- Issue Da			(Non-ATS) tatistics	OTC (Non-ATS) Download	OTC (Non-ATS) Blocks	OTC (Non-ATS) Blocks Downloa		
			cks that meets certain share base creen. Additional Market Share St						e Alternative Display	Facility and the Trade Re	porting Facilities). The dat	te has been aggregated ac	ross all NMS stocks	an a monthly be
			Month September - 2019 Report ® 10K+ Shares		Firm Name 📍	OTC (Non- ATS) Activity Total Trades	OTC (Non-ATS) Activity Total Shares	OTC (Non- ATS) Activity Average Trade Size	OTC (Non- ATS) Block Activity (10K) Trades	OTC (Non- ATS) Block Activity (10K) Shares	OTC (Non- ATS) Block Activity (10K) Average Trade Size	OTC (Non-ATS) Block Activity (10K) Average Trade Size Rank	Last Updated	Details
			 \$200K+ 10K+ - AND - \$200K+ 2K to <10K \$100K to <\$200K 		OTC (Non-ATS) Firm Name	6	215.000	35,833	6	215,000	35.833	113	11/04/2019	B
			2K to <10K - AND - \$1		OTC (Non-ATS) Firm Name	14	605,070	43,219	7	588,000	84,000	49	11/04/2019	•
					OTC (Non-ATS) Firm Name	1	14,224	14,224	1	14,224	14,224	178	11/04/2019	
					OTC (Non-ATS) Firm Name	1,507,219	188,501,971	125	164	2,509,643	15,303	172	11/04/2019	•

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headers are included on this grid:

Firm Name: Company Name associated with Non-ATS MPID CRD Number.

OTC (Non-ATS) Activity Total Trades: Aggregate monthly total number of trades (block and non-block) reported by all Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Activity Total Shares: Aggregate monthly total number of shares traded (block and non-block) reported all Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Activity Average Trade Size: Based on the total of all Non-ATS trades and shares traded (block and non-block) all Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Activity (report criteria) Trades: Total of trades that meet Block Trade report criteria all Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Activity (report criteria) Shares: Total of shares traded that meet Block Trade report criteria all Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Activity (report criteria) Average Trade Size: Based on the total of Non-ATS Block trades and shares traded all Non-ATS MPIDs associated with the CRD Number and Company Name.

OTC (Non-ATS) Block Activity (report criteria) Average Trade Size Rank: Rank of Non-ATS Block Average Trade Size all Non-ATS MPIDs associated with the CRD Number and Company Name as compared to all other Non-ATS MPIDs Average Block Trade Sizes.

Last Updated: Most recent date on which trades and/or shares columns are updated based on data received from all Non-ATS MPIDs associated with the CRD Number and Company Name.

Month	
September - 2019	~
Report	
10K+ Shares	
0 10K+ - AND - \$200K+	
2K to <10K	
\$100K to <\$200K	
2K to <10K - AND - \$100K to <\$2	00K

Month: the Report months available for selection.

Report:

10K+ Shares – Statistics based on all trades reported with a shares traded quantity of 10,000 or more per CRD Number and Company Name associated with the Non-ATS MPIDs.

\$200K+- Statistics based on all trades reported with a notional value (Price times shares) of \$200,000 or more per CRD Number and Company Name associated with the Non-ATS MPIDs.

10K+ - AND - \$200K+- Statistics based on all trades reported with a shares traded quantity of 10,000 or more and a notional value of \$200,000 or more per CRD Number and Company Name associated with the Non-ATS MPIDs.

2K to <10K– Statistics based on all trades reported with a shares traded quantity of 2,000 to 9,999 per CRD Number and Company Name associated with the Non-ATS MPIDs.

\$100K to <\$200K– Statistics based on all trades reported with a notional value (Price times shares) of \$100,000 to \$199,999 per CRD Number and Company Name associated with the Non-ATS MPIDs.

2K to <10K AND 100K to <200K – Statistics based on all trades reported with a shares traded quantity of 2,000 to 9,999 and a notional value (Price times shares) of 100,000 to 199,999 per CRD Number and Company Name associated with the Non-ATS MPIDs.

OTC (Non-ATS) Download tabs

OTC (Non-ATS) Download tab

Displays a list of reports for each report week for all report types that have been published and the date on which the specific report was last updated. This page includes filter capabilities.

ATS Issue Data	ATS Data	ATS Statistics	ATS Download	ATS Blocks	ATS II Count			(CTA-col	OTC (Non-ATS) Statistics	OTC (Non-ATS) Download	OTC (Non-ATS) Blocks	OTE (Non-ATS) Blocks Download
		ency Data is aggrega						porting fi	cilitios (i.e., the A	Wernative Display	Facility, the Trad	e Reporting
		programmatically clie		on the downsold	ACON IQUA	see to see right of e	ACIT POW.					
	e constantes de la constante de											
View	9	eer .				Wesk.		Report)	spe t	est Updated		Download
Wankty D Monthly	20	105				01/04/2016		OTCE	8	8r00r54		atta
	2	196				01/04/2016		NMS TH		4210016		120
Year												
2016	*	196				01/04/0016		MMS Tee	2 0	6252016		1
Report												
NMS Ter T NMS Ter 2												

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headers are included on this grid:

Year: Year of the published report date.

Week: Reflects first day of reporting week.

Report Type: NMS Tier 1, NMS Tier 2, OTCE

Last Updated: Most recent date on which total trades and/or total shares is updated based on data received from all Non-ATSs.

Download: Launches a separate window containing the data for the specific report in delimited format. Refer to the Download icon section below for additional information.

Filters are available in the left hand navigation that allow the user to isolate data for a specific security or view an earlier published weekly report than the most current for a report category.

View: Weekly

View	
Weekly	
O Monthly	
Year	
2016	-
Report	
NMS Tier 1	
NMS Tier 2	
OTCE	

View: Determines the Report State Dates available for selection and the Reports available for the date selected.

Year: Provides the user access to all historical published weekly reports within the year selected.

Report:

Weekly: NMS Tier 1: Stocks included in the S&P 500, Russell 1000 and select exchange-traded products. NMS Tier 2: Contains all other NMS stocks. OTCE: Contains all Over-the-Counter equity securities.

View: Monthly

View	
O Weekly	
• Monthly	
Year	
2016	•
Report	
NMS	

View: Determines the Report State Dates available for selection and the Reports available for the date selected.

Year: Provides the user access to all historical published monthly reports within the year selected.

Report: Monthly View: NMS: Contains all NMS stocks without Tier designations. OTCE: Contains all Over-the-Counter Equity securities.

Download icon

Clicking on the icon to download a specific report will launch a new window with delimited data.

```
tierIdentifier|issueSymbolIdentifier|issueName|marketParticipantName|totalMon
thlyShareQuantity|totalMonthlyTradeCount|lastUpdateDate
NMS|A|Agilent Technologies Inc.|CITADEL SECURITIES LLC|624734|5328|2018-09-28
```

OTC (Non-ATS) Blocks Download tab

Displays a list of reports for each report week for all report types that have been published and the date on which the specific report was last updated. This page includes filter capabilities.

re transpare	ency Data										
TS Issue Data	ATS Data	ATS Statistics	ATS Download	ATS Blocks	ATS Blocks Download	OTC (Non-ATS) Issue Data	OTC (Non-ATS) Data	OTC (Non-ATS) Statistics	OTC (Non-ATS) Download	OTC (Non-ATS) Blocks	OTC (Non-ATS) Blocks Download
(Non-ATS) Block Dr	ata is aggregated OTC (Nor	n-ATS) trade data in NMS stoo	ks that meets certain share	based and dollar based th	resholds and is reported by	member firms to the FINRA	equity trade reporting facilit	ies (i.e., the Alternative Disp	lay Facility and the Trade Re	eporting Facilities). The data	has been aggregated across
n a monthly basis ar	ind can be viewed by mem	ber firm. OTC (Non-ATS) Bloc	k reports can be viewed by o	clicking the relevant report	on the left hand side of the	screen. Additional Market St	are Statistics and Ranks for	each report can be viewed	by clicking the icon on the ri	ight side of each row.	
ss the data downloa	ds programmatically dick	here.									
	Vear	Year		Year Month				Last Updated		Download	
	1 C DI		Year	M	onth	Report Type	be	Last Updated		Download	
	2019		~								
	2019		Vear 2019		onth plember	* Report Typ 10K+ Shar		Last Updated		Download	
		Shares	~								Displaying 1-1 of 1
	2019 Report		~								Displaying 1-1 of 1
	2019 Report 2 10K+ 9 \$200K		~								Displaying 1-1 of 1
	2019 Report 2 10K+ 9 \$200K	+ AND - \$200K+	~								Displaying 1-1 of 1
	2019 Report 2 10K+ 3 5 \$200K 1 10K+ - 2 K to	+ AND - \$200K+	~								Displaying 1-1 of 1

Each Column heading may be used to sort the entire list. Each click of a column heading toggles the sort between ascending and descending order.

The following Column headers are included on this grid:

Year: Year of the published report date.

Month: Reflects month and year of report period.

Report Type: 10K+ Shares, \$200K+, 10K_ AND \$200K+, 2K to <10K, \$100K to < \$200K, 2K to < 10K AND \$100K

Last Updated: Most recent date on which total trades and/or total shares traded is updated based on data received from all Non-ATS Firms.

Download: Launches a separate window containing the data for the specific report in delimited format. Refer to the Download icon section below for additional information.

Year
2019 ~
Report
10K+ Shares
□ \$200K+
□ 10K+ · AND - \$200K+
□ 2K to <10K
S100K to <\$200K
2K to <10K - AND - \$100K to \$200K+

Year: Provides the user access to all historical published weekly reports within the year selected.

Report:

10K+ Shares – Statistics based on all trades reported with a shares traded quantity of 10,000 or more per CRD Number and Company Name associated with the Non-ATS MPIDs.

\$200K+- Statistics based on all trades reported with a notional value (Price times shares) of \$200,000 or more per CRD Number and Company Name associated with the Non-ATS MPIDs.

10K+ - AND - \$200K+- Statistics based on all trades reported with a shares traded quantity of 10,000 or more and a notional value of \$200,000 or more per CRD Number and Company Name associated with the Non-ATS MPIDs.

2K to <10K– Statistics based on all trades reported with a shares traded quantity of 2,000 to 9,999 per CRD Number and Company Name associated with the Non-ATS MPIDs.

\$100K to <\$200K– Statistics based on all trades reported with a notional value (Price times shares) of \$100,000 to \$199,999 per CRD Number and Company Name associated with the Non-ATS MPIDs.

2K to <10K AND \$100K to <\$200K – Statistics based on all trades reported with a shares traded quantity of 2,000 to 9,999 and a notional value (Price times shares) of \$100,000 to \$199,999 per CRD Number and Company Name associated with the Non-ATS MPIDs.

Download icon

Clicking on the icon to download a specific report will launch a new window with delimited data.

```
marketParticipantName|summaryTypeDescription|summaryStartDate|totalTradeCount
|totalShareQuantity|averageTradeSize|averageTradeSizeRank|OTCTradePercent|OTC
SharePercent|OTCTradeRank|OTCShareRank|OTCBlockCount|OTCBlockQuantity|average
BlockSize|averageBlockSizeRank|OTCBlockTradePercent|OTCBlockSharePercent|OTCB
lockTradeRank|OTCBlockShareRank|OTCBlockBusinessTradePercent|OTCBlockBusiness
```

SharePercent|OTCBlockBusinessTradeRank|OTCBlockBusinessShareRank|lastUpdateDa te OTC Non-ATS Company Name|10K+ Shares|2019-09-30|6|245022|38763|50|0.10|0.07|908|224|1|290900|60983|103|1.02|0.44|109|558|1 00.00|100.00|66|55|2019-11-04 OTC Non-ATS Company Name|10K+ Shares|2019-09-30|6|77022|12763|90|0.09|0.97|145|543|1|101000|60002|213|1.82|0.54|159|258|10 0.00|100.00|26|85|2019-11-04 OTC Non-ATS Company Name|10K+ Shares|2019-09-30|6|79802|44063|10|0.90|0.97|998|924|1|990900|99983|993|1.92|0.94|999|958|10 0.00|100.00|69|59|2019-11-04

Automation of Download

The OTC Transparency file download process may be automated by firms using the instructions published and made available on the FINRA API Developer Center website at **developer.finra.org**.

NOTE: Automation instructions that may have been in use prior to the launch of the new developer.finra.org website will continue to be supported. The existing as well as new file details for OTC Transparency products can be accessed via the website.

Helpful hints/data action icons

The OTC Transparency Data Website is designed to be user friendly in order to assist the user in reviewing the weekly published volume and transaction data. Many of the functions are intuitive. However, in order to ensure users clearly understand how to most effectively use the website, a short description of many of the common tools are described below. Specific Application functions, including field definitions and validations, workflow, and screen shots are illustrated in earlier sections of this User Guide.

Web Application Tool	Description/User Hint
Drop Down Boxes	Users click on a drop down box to have filter criteria
	presented and then click on the desired choice.
Radio Buttons	These flag certain conditions that may be required to return
	a specific report type.
Check Boxes	These flag certain conditions that may be required to return
	a specific report type or certification.
Text Boxes	These are free form boxes that allow users to type in Issue
	Symbol or Issue Name.
Combination Text/Drop Down Boxes	These tools allow a choice of either typing in an entry (i.e.
	Security symbol) or selecting the data item from a drop down
	box.
Column Headings	Users click on a column heading to change the data sort from
	ascending to descending.
(*) _	Users click on the icon to launch a new page containing
- Icon	report data for the specific report week and report type.
B	Users click on the icon to launch the Details page.
Icon	

Appendix A: Revision History

Version	Date	Changes
1.0	4/15/16	Initial draft
1.1	5/13/16	Automation of Download Instructions updated with new URLs.
2.0	6/1/16	Updated OTC (Non-ATS) pages to include Monthly Reports and associated
		navigation changes.
3.0	9/28/16	Updated to include ATS Block pages and associated navigation changes.
4.0	8/28/18	Updated the file Download sections
		Updated Download Automation instructions and added Data Dictionary
5.0	11/09/18	Update release date to Jan 14 th , and refined data dictionary and download
		sections.
5.1	1/16/19	Removed machine download instructions before the Jan 14 th 2019 release.
		Refined data dictionary and download sections post Jan 14 th 2019, release.
6.0	10/31/19	Updated Homepage and Masthead Section
		Added OTC (Non-ATS) Block Tab
		Added OTC (Non-ATS) Block Download Tab
		Removed De minimis aggregation from OTC (Non-ATS) Data tab
		Updated Automation of Download Section