# **September 2022**Canada Market Structure Monthly



### MARKET MICROSTRUCTURE OBSERVATIONS

- In September 2022, the average daily volume for TSX listed securities was 665M shares, up 6% MoM while down 10% YoY. Liquidity, spread and volatility conditions were stable MoM.
- In non-TSX listed securities, the average daily volume increased slightly to 286M shares. Despite the 3% increase MoM, this was still down 45% YoY. While liquidity conditions showed modest improvement MoM, spread and volatility conditions deteriorated.
- While TSX block volumes remained stable MoM, there was a drop in dark venue market share.

#### **CANADA MARKET STRUCTURE NEWS**

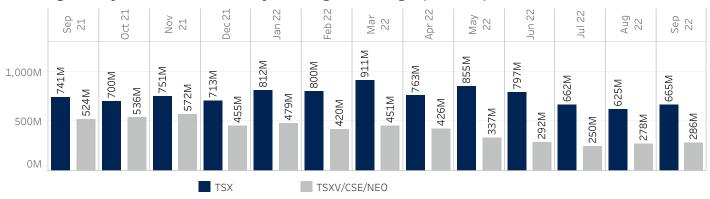
### New CSNX Trading Book R evised Launch D ate: 24 October 2022

On 1 September 2022, CNSX Markets Inc. (CSE) received approval for the introduction of a new trading book, CSE2. A revised CSE2 launch date of 24 October 2022 has been announced. CSE intends to structure its new book to service the retail community and reduce commission rates for retail participants. CSE2 will not have broker preferencing but will offer an inverted trading fee model which will rebate the active side of the trade. To learn more about the differences in functionality between the two CSE books, please consult the link below:

https://thecse.com/en/about/publications/notices/notice-2022-002-amendments-to-trading-system-functionality-features



## **Average Daily Market Volume By Listing Exchange (Shares)**

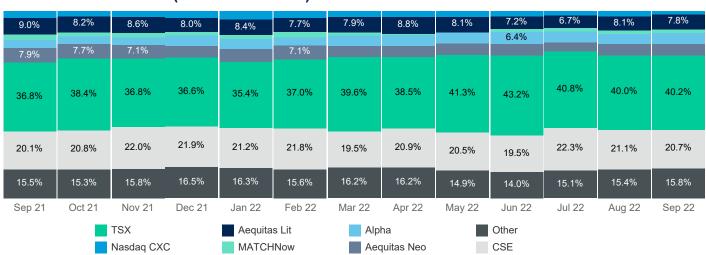


Source data: Virtu Financial

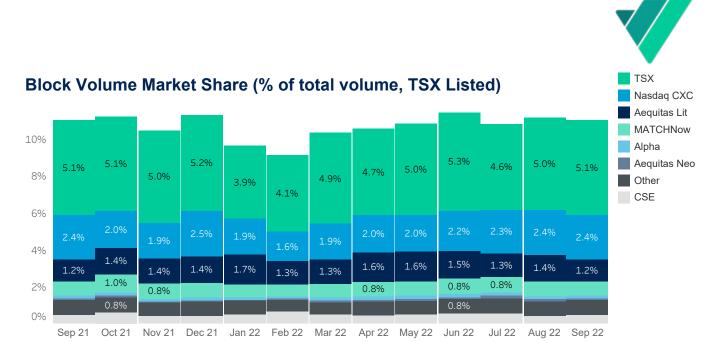
## **Venue Market Share (TSX-Listed)**



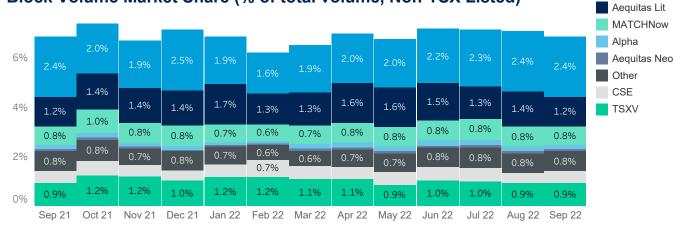
## **Venue Market Share (Non-TSX-Listed)**



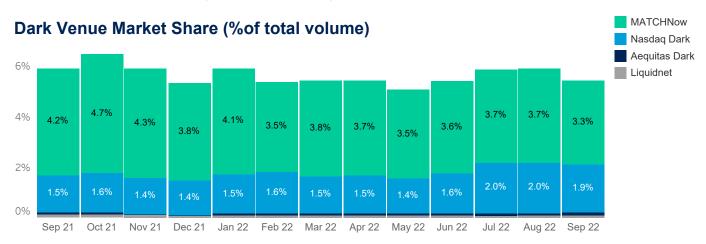
Source data: Virtu Financial



# **Block Volume Market Share (% of total volume, Non-TSX Listed)**



Blocks defined as >5100 shares and > \$30,000 CAD or >=\$100K CAD; Source data: Virtu Financial



TSX listed securities only; Source data: Virtu Financial

Nasdaq CXC



## **Quotesize in Shares**

		3Q 21		4Q 21			1Q 22			2Q 22			3Q 22	
		Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22	Sep 22
First 30 Min	S&P/TSX 60	913	890	835	873	819	760	802	802	775	867	900	806	798
	S&P/TSX Composite	1,057	1,085		1,047	965	879	948	992	957	1,069	1,098	957	944
	Non-TSX-Listed	6,073	6,360	6,702	5,071	5,189	5,000	6,079	5,540	5,120	4,698	4,334	4,388	4,500
Mid Day	S&P/TSX 60	1,093	1,100	1,027	1,010	975	928	952	915	912	1,014	1,080		972
	S&P/TSX Composite	1,273	1,314	1,213	1,218	1,157	1,088	1,129	1,133	1,140	1,245	1,312	1,185	1,165
	Non-TSX-Listed	4,900	5,292	5,000	4,165	4,050	4,265	5,300	5,170	4,828	4,748	4,459		4,609
Last 30 Min	S&P/TSX 60	1,299	1,287	1,228	1,138	1,076	1,013	1,035	972	977	1,112	1,211	1,216	1,173
	S&P/TSX Composite	1,485	1,516	1,444	1,411	1,331	1,257	1,308	1,252	1,238	1,363	1,411	1,399	
	Non-TSX-Listed	5,904	6,383	5,900		4,774	4,625	5,606	5,300	5,103	4,752	4,428	4,486	4,394

# **Spread Bps**

First 30 Min S&P/TSX 60		5.0	5.0	5.5	5.5	5.6	5.7	6.0		6.4	6.0	6.5	6.0	5.9
	S&P/TSX Composite	10.9	10.6	10.8	11.4	11.3	11.5		12.1	14.1	13.3	14.5	13.7	14.1
	Non-TSX-Listed	170.1	170.5	163.9	175.4	172.4	163.1	175.4	170.5	204.9	215.7	229.8	201.2	220.6
Mid Day	S&P/TSX 60	3.2	3.3	3.4	3.4	3.6	3.4		3.5	4.0	3.8	4.0	3.8	3.9
	S&P/TSX Composite	6.8	7.0	7.2	7.5	7.7	7.5	7.6	7.5	8.9	8.2	8.5	8.1	8.6
	Non-TSX-Listed	128.2	128.6	123.2	122.0	124.2	122.2	132.7		145.0	152.7	163.9	143.0	148.3
Last 30 Mir	n S&P/TSX 60	2.5	2.6	2.7	2.9	2.9	2.8	2.7	2.7	3.1	3.0	3.0	2.9	3.0
	S&P/TSX Composite	5.8	6.0	6.3	6.6		6.7	6.4	6.4	7.4	7.2	7.4	7.1	7.8
	Non-TSX-Listed	129.9	126.8	123.5	125.7	125.5	125.5	133.3	129.0	147.1	144.9	155.4	140.9	140.7

# **One Minute Volatility Bps**

First 30 Min	S&P/TSX 60	11.9	11.7	11.7	13.5	14.0	14.0	15.4	14.4	17.2	15.5	15.9	13.8	14.2
	S&P/TSX Composite	15.7	15.1	15.3	17.5	18.0		19.1	17.7	21.1	20.0	22.1	18.2	18.6
	Non-TSX-Listed	19.6	17.5	19.9	24.0	24.1	22.7	18.6	21.3	36.5	33.1	30.9	20.9	22.1
Mid Day	S&P/TSX 60	3.7	3.5	3.6	4.5	5.3	4.9	5.4		7.3	5.8	5.4	4.6	6.0
	S&P/TSX Composite	3.8	3.6	3.9	4.7	5.7	5.5	6.1		8.2	6.8	6.0	5.1	6.4
	Non-TSX-Listed	6.3	5.8	5.8		9.2	7.1	6.3	7.2	12.5	9.7	8.0	6.2	6.9
Last 30 Min	S&P/TSX 60	3.5	3.4	3.4	4.6	5.2	5.4	5.2	4.9	7.5	5.8	5.1	4.3	5.9
	S&P/TSX Composite	3.4	3.2	3.4	4.5	5.2	5.4	5.2		7.4	5.7	4.8	3.9	5.4
	Non-TSX-Listed	6.8	4.9	4.9	6.7	8.6	6.2	5.6		11.3	7.7	6.4	5.4	6.7

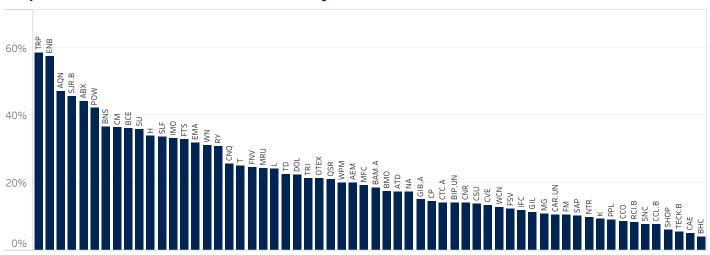
# Percent MDV by Time of Day

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- 1	S&P/TSX 60	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.5%	0.6%	0.5%
	S&P/TSX Composite	0.5%	0.6%	0.6%		0.5%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%
	Non-TSX-Listed	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
First 30 Min	S&P/TSX 60	14.6%	13.8%	14.3%	13.5%	13.0%	13.4%	13.6%	12.5%	12.5%	12.4%	13.0%	12.9%	9.7%
	S&P/TSX Composite	14.2%	14.2%	14.3%	13.3%	12.4%		13.8%	12.8%	12.6%	12.8%	13.6%	13.4%	11.4%
	Non-TSX-Listed	18.4%	18.8%	19.4%	17.3%	17.4%	17.5%	17.1%	18.0%	18.7%	18.9%	19.8%	20.2%	18.5%
Last 30 Min	S&P/TSX 60	31.6%	29.7%	31.6%	34.0%	33.6%		34.6%	38.7%	36.4%	40.9%	36.1%	36.8%	36.3%
	S&P/TSX Composite	22.7%	21.9%	23.4%	25.1%	22.9%	26.0%	25.1%	25.1%	26.5%	24.6%	26.2%	25.7%	26.2%
	Non-TSX-Listed	8.7%	8.1%	8.3%		8.4%	8.9%	8.2%	7.6%	7.2%	7.2%	6.7%	6.7%	6.9%
Close	S&P/TSX 60	6.5%		6.4%	6.8%	6.7%	7.5%	6.9%	7.8%	6.7%	7.3%	7.4%	7.4%	16.3%
	S&P/TSX Composite	3.2%	3.7%	3.6%	3.5%	3.6%	4.0%	3.8%	4.3%		4.5%	4.5%	4.5%	6.6%
	Non-TSX-Listed	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

One minute volatility is calculated using the difference between the high and low price within a one minute time bin, divided by that bin's VWAP Source data: Virtu Financial



# September 2022 Median MOC % of Daily Volume - S&P/TSX 60



Source data: Virtu Financia



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