

# May 2024 CA Market Structure Monthly

#### **MICROSTRUCTURE OBSERVATIONS**

- In TSX-listed securities, the average daily volume was 629 million shares in May 2024, down 7% compared to April 2024 and up 13% compared to May 2023. While spreads were stable, volatility and average quote sizes improved compared to April 2024.
- In non TSX-listed securities, the average daily volume was 336 million shares in May 2024, down 8% compared to April 2024 and up 27% compared to May 2023. Average quote sizes, spread and volatility conditions all improved compared to April 2024.

#### CA MARKET STRUCTURE NEWS

## Request for Comment - Introduction of CSE Market-on-Close - Canadian Securities Exchange

On May 2<sup>nd</sup>, 2024, CNSX Markets Inc., published its proposal to introduce a Market-on-Close facility (CSE MOC). The CSE has adopted a model substantively similar to existing MOC facilities in Canada and will be available for select CSE listed securities.

Consult the links below for further details on the design and features of the CSE MOC and the comments letters (including Virtu's) received by the OSC.

https://www.osc.ca/sites/default/files/2024-05/cse\_20240502\_rfc-cse-market-on-close.pdf

https://www.osc.ca/en/industry/market-regulation/marketplaces/exchanges/recognizedexchanges/canadian-securities-exchange-cse-rule-review-notices/notice-and-request-27/comment-letters

### Request for Comment – Proposed Amendments to Minimum Price Improvement Peg – TMX Markets

On May 16<sup>th</sup>, 2024, the TMX published proposed amendments to the Minimum Price Improvement Peg (MPIP) for Toronto Stock Exchange (TSX), TSX Alpha Exchange (Alpha) and TSX Venture Exchange (TSXV). Currently, the MPIP order rests as a dark order at the sameside NBBO when the spread is two ticks or less. The proposed changes will have the MPIP order rest at the midpoint instead, aiming to enhance flexibility and applicability across different trading situations while still providing minimum price improvement.

Consult the link below for further details:

https://www.tsx.com/resource/en/3186/tsx-and-alpha-proposed-amendments-to-minimum-priceimprovement-peg-2024-05-16-en.pdf



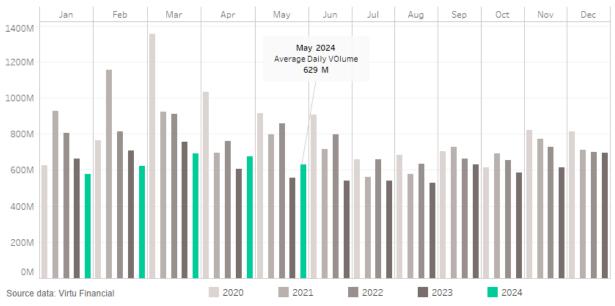
#### Canadian Securities Regulators move to T+1 settlement cycle – CSA

On May 27<sup>th</sup>, 2024, the Canadian Securities Administrators (CSA) announced that rule amendments supporting the move to a shorter settlement cycle for equity and long-term debt market trades came into force in Canada.

The amendments align with the industry's move to reduce the time by which trades must be matched from two days after the date of a trade (T+2) to one day (T+1). This is consistent with the associated regulatory rule changes in the United States. The transition to T+1 in the United States took place on May 28<sup>th</sup>, 2024, one day later than in Canada.

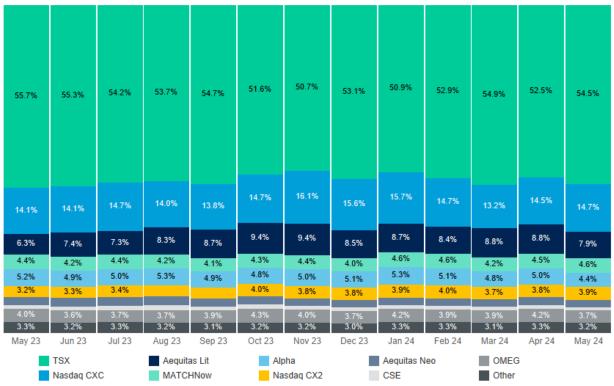
Consult the link below for further details: <u>https://www.osc.ca/en/securities-law/instruments-rules-policies/2/24-101/csa-notice-amendments-national-instrument-24-101-institutional-trade-matching-and-settlement-and</u>





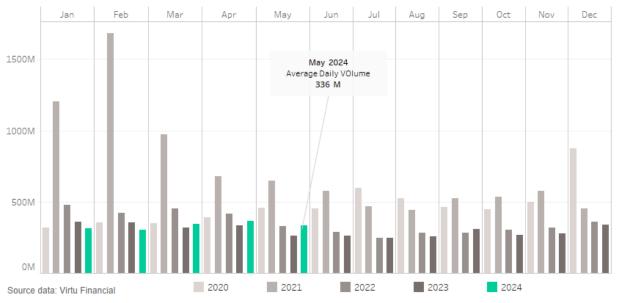
#### Average Daily Market Volume (Shares, TSX Listed)

#### Venue Market Share (TSX Listed)



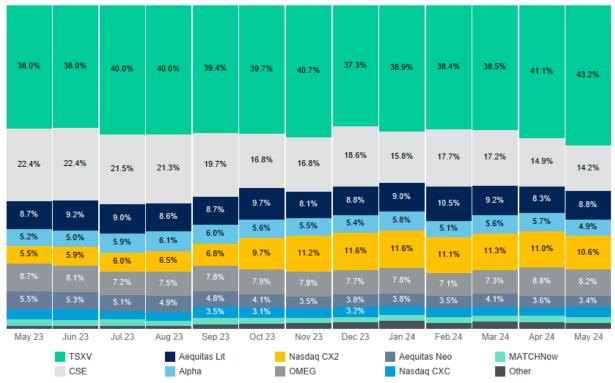
Source data: Virtu Financial





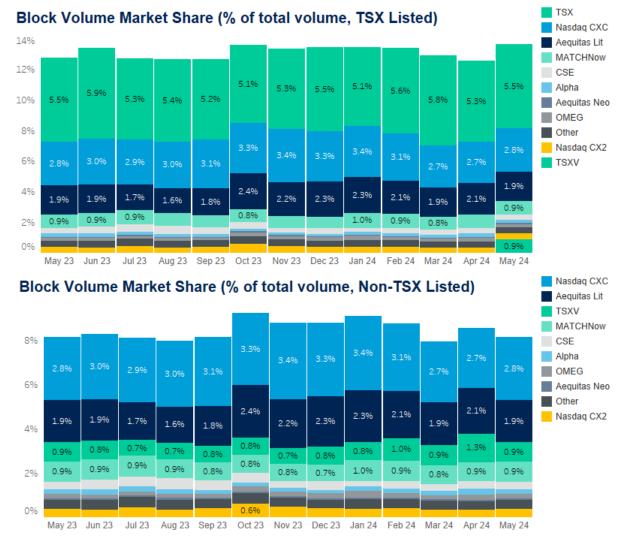
#### Average Daily Market Volume (Shares, Non-TSX Listed)

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

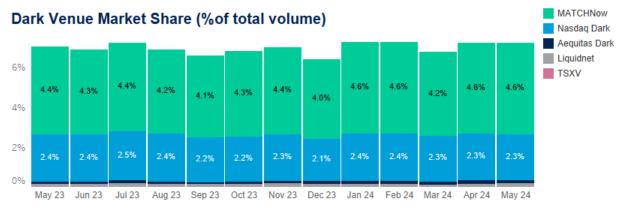


Source data: Virtu Financial





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



TSX listed securities only; Source data: Virtu Financial



#### **Quotesize in Shares**

		2Q	23		3Q 23			4Q 23			1Q 24		2Q	24
		May 23	Jun 23	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24
First 30 Min	S&P/TSX 60	877	889	897		911	865	875	932	938	917	908	844	675
	S&P/TSX Composite	1,088	1,094		1,016	1,027	1,011	1,027	1,083	1,070	1,079	1,061	1,018	834
	Non-TSX-Listed	5,930	5,259	5,021	5,261	6,182	5,950	5,650	6,074	6,193	5,722	5,906	5,500	5,551
Mid Day	S&P/TSX 60		1,112	1,114	1,100	1,115	1,094	1,082	1,138	1,129	1,134	1,089	1,031	827
	S&P/TSX Composite	1,365	1,371	1,331	1,258	1,285	1,244	1,228	1,300	1,266	1,282	1,271	1,187	1,003
	Non-TSX-Listed	5,631	5,000	4,583	4,875	5,498	5,281	5,258	5,736	5,518	5,500	5,743	5,390	
Last 30 Min	S&P/TSX 60	1,191	1,209	1,280	1,245	1,268	1,215	1,219	1,301	1,242	1,183	1,136	1,066	982
	S&P/TSX Composite	1,544	1,552	1,593	1,518	1,535	1,510	1,520	1,651		1,529	1,501	1,397	1,280
	Non-TSX-Listed	5,747	5,000	4,456	4,781	5,494	5,308	5,661	6,413	6,251	5,652	5,912	5,725	5,900

#### Spread Bps

First 30 Min	S&P/TSX 60	6.2	6.3	5.8	6.3	6.3	6.9	6.7	6.2		6.3	6.0	6.1	6.2
	S&P/TSX Composite	12.8	12.6	12.0	12.5	12.5	14.0	14.0	13.2	13.2	13.6	13.0	12.6	
	Non-TSX-Listed	184.3	192.3	182.5	180.4	186.6	190.4	188.4	188.7	164.0	152.9	149.3	156.4	153.8
Mid Day	S&P/TSX 60	3.8	3.8	3.5		3.9	4.2	4.0	3.8	3.9	4.1	3.8	3.9	3.9
	S&P/TSX Composite	8.2	8.1	7.7	8.1	8.3	9.4	9.2	8.8	8.8	8.9	8.5		8.6
	Non-TSX-Listed	126.0	130.7		124.9	120.5	124.5	126.8	128.1	113.7	104.9	108.9	116.3	109.3
Last 30 Min	S&P/TSX 60	2.8	2.8	2.6	2.7	2.8	3.0		2.7	2.8	2.8	2.7	2.8	2.8
	S&P/TSX Composite	7.3	7.5	7.1	7.3	7.6	8.1	7.6		7.7	7.6	7.4	7.4	7.5
	Non-TSX-Listed	122.8	127.5	123.6	121.2	119.7	126.6	125.0	126.6	116.3	107.5	114.9	118.5	113.1

### **One Minute Volatility Bps**

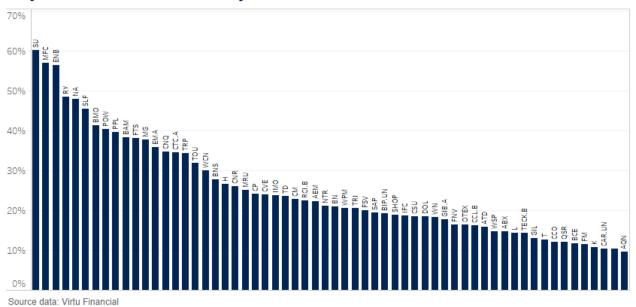
First 30 Min	S&P/TSX 60	11.8	10.6	9.9	10.9	10.7	14.0	12.3	11.2	10.8	12.2	10.6	11.5	10.3
	S&P/TSX Composite	14.2	12.3	11.9	13.0	12.5	16.0	14.7	13.6		13.7	12.7	13.6	12.3
	Non-TSX-Listed	15.1	13.6	13.0	14.6	15.6	17.0	15.6	12.0	13.1	15.1	14.5	13.8	13.2
Mid Day	S&P/TSX 60	4.2	3.5	3.2	4.0	3.8	5.2	4.2	4.0	3.6		3.4	4.1	3.4
	S&P/TSX Composite	3.9	2.9	2.7	3.5	3.3	4.8	4.0	3.8	3.4	3.4	3.0	3.8	3.1
	Non-TSX-Listed	4.8	4.4	4.4	5.0	4.8	6.0		3.9	3.8	4.2	4.0	4.2	3.6
Last 30 Min	S&P/TSX 60	4.2	3.7	3.4	3.7	3.8	4.5	4.1	4.1	3.7		3.8	4.2	3.9
	S&P/TSX Composite	3.6	3.0	2.6	3.0	3.1	4.0	3.7	3.6	3.2	3.2		3.5	3.4
	Non-TSX-Listed	4.0	3.5	2.9		3.9	4.4	3.4	3.7	3.5	4.0	4.0	3.8	3.5

### Percent MDV by Time of Day

	S&P/TSX 60	0.5%	0.4%	0.5%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%	0.5%	0.6%
	S&P/TSX Composite	0.4%	0.4%	0.4%	0.4%	0.5%		0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%
	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%
	S&P/TSX 60	9.9%	8.9%	8.9%	8.9%	8.1%	8.8%		8.5%	8.2%	9.3%	8.5%	8.4%	8.4%
	S&P/TSX Composite	10.7%	10.1%	9.9%		8.9%	9.8%	9.7%	9.6%	9.4%	10.1%	9.9%	10.1%	9.8%
	Non-TSX-Listed	16.4%	17.4%	18.8%	19.2%	17.7%	16.8%	18.2%	16.9%	18.5%	18.9%	20.9%	20.0%	19.6%
Last 30 Min	S&P/TSX 60	15.0%	14.5%	14.1%	14.3%		14.6%	14.7%	13.2%	14.0%	14.5%	13.8%	13.7%	15.0%
	S&P/TSX Composite	14.5%	14.6%	14.3%	14.8%	14.7%	15.0%	15.4%	14.8%	14.7%	15.4%	15.0%	14.8%	15.7%
	Non-TSX-Listed	10.7%		12.1%	12.4%	12.4%	12.1%	11.8%	11.2%	11.3%	11.1%	10.4%	10.5%	11.0%
Close	S&P/TSX 60	13.8%	19.1%	19.9%	19.3%	21.5%	15.1%	15.3%	20.5%	17.9%	17.5%	22.2%	18.9%	22.2%
	S&P/TSX Composite	6.9%	8.6%		7.4%	9.0%	6.7%	6.9%	8.4%	7.4%	8.3%	8.4%	8.1%	8.9%
	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%

Median used for all metrics 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





#### May 2024 Median MOC % of Daily Volume - S&P/TSX 60



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