# January 2023 Canada Market Structure Monthly



#### MARKET MICROSTRUCTURE OBSERVATIONS

• In January 2023, the average daily volume for TSX listed securities was 663 million shares, down 5% compared to December 2022 and down 18% compared to January 2022. While volatility conditions improved, liquidity and spread conditions were flat compared to December 2022.

• In non-TSX listed securities, the average daily volume was 360 million shares. This was flat vs December 2022 and down 25% compared to January 2022. While spread and volatility conditions improved, liquidity conditions were flat compared to December 2022.

• Dark Venue market share increased significantly compared to December 2022 and set a new 12-month high. Market share growth was most noted in MATCHNow increasing by nearly 0.8% compared to December 2022.• TSX and non-TSX block volumes increased compared to November 2022. Dark venue market share increased slightly compared to November 2022 and Cboe MATCHNow continued to have the largest market share.

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

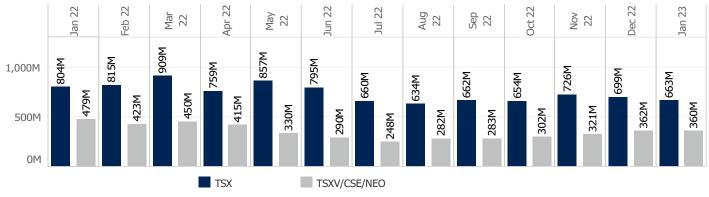
#### New Self-Regulatory Organization of Canada

On 3 January, 2023 the New Self-Regulatory Organization of Canada (New SRO) and New Canadian Investor Protection Fund (CPIF) was officially launched, completing the Canadian Securities Administrators' plan to create a new, single

self-regulatory organization and an integrated investor protection fund. For further information, consult the link below:

https://www.iiroc.ca/news-and-publications/notices-and-guidance/new-self-regulatory-organizationcanada-and- canadian-investor-protection-fund-officially-launch





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

Source data: Virtu Financial

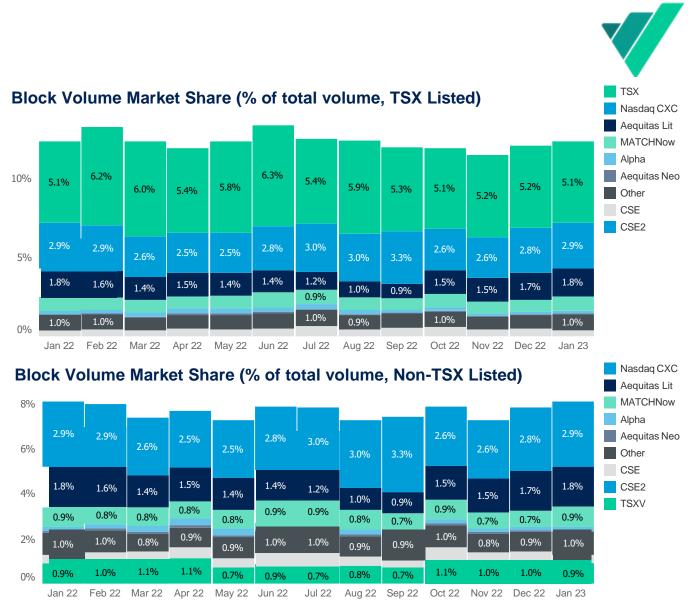
## Venue Market Share (TSX-Listed)

52.6%	55.4%	54.8%	53.4%	54.0%	54.7%	54.4%	56.4%	57.5%	54.6%	56.5%	55.5%	54.7%
15.4%	14.8%	15.1%	15.4%	16.1%	14.8%	15.4%	15.0%	16.3%	16.5%	15.6%	15.9%	15.7%
7.1%											11.1/0	0.070
1.2%	6.2%			ხ.2%	0.1%							
9.1%	8.9%	9.0%	9.5%	9.4%	9.4%	10.5%	10.0%	9.6%	10.8%	10.1%	10.4%	10.4%
Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23

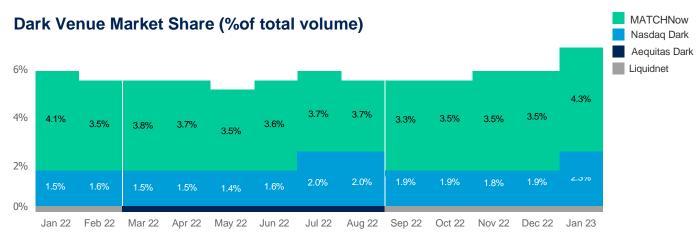
#### Venue Market Share (Non-TSX-Listed)

8.4%	7.7%	7.9%	8.8%	8.1%	7.2%	b.1%	8.1%	%۵./	9.4%	8.2%	11.1%	9.8%
	7.1%				U.T/U							
35.4%	37.0%	39.6%	38.5%	41.3%	43.2%	40.8%	40.0%	40.2%	39.7%	40.9%	38.6%	40.1%
21.2%	21.8%	19.5%	20.9%	20.5%	19.5%	22.3%	21.1%	20.7%	20.3%	19.7%	19.7%	19.5%
16.3%	15.6%	16.2%	16.2%	14.9%	14.0%	15.1%	15.4%	15.8%	15.1%	15.7%	15.3%	15.5%
Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23
	TSX Nasdaq CXC		Aequita		Alp Ae	oha quitas Neo		Other CSE		CSE2		

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**

			1Q 22			2Q 22			3Q 22			4Q 22		1Q 23
		Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23
First 30 Min	S&P/TSX 60	819	761	801	800	769	864	900	803	795	836	870	930	871
	S&P/TSX Composite	957	883	954	997	961	1,070	1,103	961	946	1,032	1,055	1,106	1,132
	Non-TSX-Listed	5,189	5,000	6,079	5,540	5,120	4,698	4,334	4,388	4,500	4,599	4,778	4,969	4,945
Mid Day	S&P/TSX 60	977	929	952	914	909	1,013	1,080	994	971		1,024	1,075	1,042
	S&P/TSX Composite	1,156	1,089	1,132	1,136	1,145	1,249	1,317	1,188	1,170	1,219	1,286	1,336	1,363
	Non-TSX-Listed	4,050	4,265	5,300	5,170	4,828	4,748	4,459	4,771	4,609	4,418	4,419	4,650	4,650
Last 30 Min	S&P/TSX 60	1,080	1,017	1,035	973	976	1,112	1,207	1,216	1,175	1,206	1,207	1,201	1,231
	S&P/TSX Composite	1,330	1,260	1,311	1,255	1,243	1,371	1,419	1,401	1,387	1,475	1,508	1,494	1,579
	Non-TSX-Listed	4,774	4,625	5,606	5,300	5,103	4,752	4,428	4,486	4,394	4,158	4,417	4,605	4,598

## **Spread Bps**

First 30 Min	S&P/TSX 60	5.6	5.7	6.0	5.9	6.4	6.0	6.5	6.0	5.9	6.4	6.5	6.2	6.1
	S&P/TSX Composite	11.4	11.5	12.0	12.2	14.1	13.4	14.6	13.8	14.3	14.8	13.9	13.3	13.3
	Non-TSX-Listed	172.4	163.1	175.4	170.5	204.9	215.7	229.8	201.2	220.6	219.5	218.1	215.1	210.5
Mid Day	S&P/TSX 60	3.6	3.4	3.6	3.5	4.0	3.8	4.1	3.8	3.9	3.8		3.7	3.6
	S&P/TSX Composite	7.7	7.6	7.6	7.5	8.9	8.3	8.6	8.1	8.7	8.6	8.3	8.3	8.4
	Non-TSX-Listed	124.2	122.2	132.7	129.0	145.0	152.7	163.9	143.0	148.3	151.6	156.4	156.9	149.3
Last 30 Min	S&P/TSX 60	2.9	2.8	2.7	2.7	3.1	3.0	3.0	2.9	3.0	2.9	2.9	2.8	2.8
	S&P/TSX Composite	6.7	6.7	6.5	6.4	7.5	7.2	7.5	7.2	7.8	7.5	7.1	7.2	7.4
	Non-TSX-Listed	125.5	125.5	133.3	129.0	147.1	144.9	155.4	140.9	140.7	150.4	147.7	145.5	140.1

## **One Minute Volatility Bps**

First 30 Min	S&P/TSX 60	13.9	14.0	15.4	14.4	17.2	15.4	15.9	13.9	14.2	17.0	14.3	13.5	11.9
	S&P/TSX Composite	17.9	17.9	19.1	17.7	21.0	20.0	22.3	18.1	18.6	20.8	18.3	16.5	14.9
	Non-TSX-Listed	24.1	22.7	18.6	21.3	36.5	33.1	30.9	20.9	22.1	23.2	20.7	22.8	17.7
Mid Day	S&P/TSX 60	5.2	4.9	5.4	5.1	7.3	5.8	5.3	4.6	6.0	6.1	5.2	4.7	4.0
	S&P/TSX Composite	5.7	5.5	6.1	5.6	8.2	6.8	6.0	5.0	6.3	6.5	5.6	4.8	4.0
	Non-TSX-Listed	9.2	7.1	6.3	7.2	12.5	9.7	8.0	6.2	6.9	7.3	6.3	5.7	4.5
Last 30 Min	S&P/TSX 60	5.2	5.4	5.2	4.9	7.5	5.8	5.1	4.3	5.9	5.6	5.1	5.0	4.0
	S&P/TSX Composite	5.1	5.3	5.2	5.1	7.3	5.7	4.8	3.9	5.4	5.2	4.9	4.5	3.8
	Non-TSX-Listed	8.6	6.2	5.6	6.6	11.3	7.7	6.4	5.4	6.7	6.7	5.4	5.4	3.8

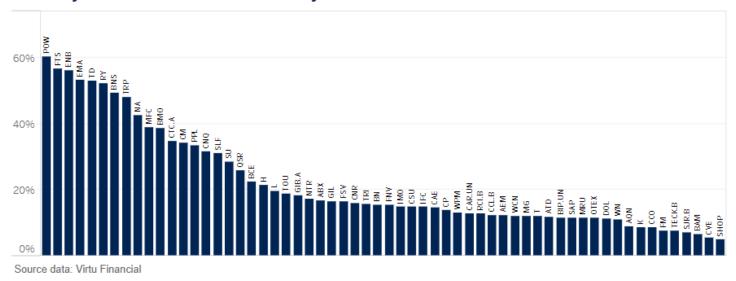
## Percent MDV by Time of Day

Open	S&P/TSX 60	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.5%	0.6%	0.5%	0.4%	0.5%	0.5%	0.5%
	S&P/TSX Composite	0.5%	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	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	13.0%	13.5%	13.6%	12.5%	12.6%	12.4%	13.0%	12.9%	9.7%	10.4%	10.2%	10.1%	8.9%
	S&P/TSX Composite	12.4%	13.4%	13.9%	12.8%	12.6%	12.8%	13.7%	13.4%	11.4%	11.4%	11.4%	10.5%	10.0%
	Non-TSX-Listed	17.4%	17.5%	17.1%	18.0%	18.7%	18.9%	19.8%	20.2%	18.5%	18.0%	19.4%	17.4%	17.5%
Last 30 Min	S&P/TSX 60	33.6%	35.0%	34.6%	38.7%	36.4%	40.9%	36.1%	36.8%	36.3%	31.5%	32.5%	36.7%	35.1%
	S&P/TSX Composite	22.9%	25.8%	25.0%	25.0%	26.3%	24.5%	26.2%	25.8%	26.2%	26.1%	25.5%	26.8%	27.2%
	Non-TSX-Listed	8.4%	8.9%	8.2%	7.6%	7.2%	7.2%	6.7%	6.7%		6.3%	6.0%	6.2%	6.3%
Close	S&P/TSX 60	6.7%	7.5%	6.9%	7.8%	6.7%	7.3%	7.4%	7.4%	16.3%	12.2%	12.8%	18.7%	15.4%
	S&P/TSX Composite	3.6%	3.9%	3.7%	4.2%	3.7%	4.4%	4.5%	4.5%	6.6%	5.7%	6.5%	7.1%	6.8%
	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





## January 2023 Median MOC % of Daily Volume - S&P/TSX 60



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