

NVSE Listed Securities

Orders# Non-Dir	Orders% Non-Dir	Orders# Direct	Orders% Direct	Market orders#	Market orders%	Limit orders#	Limit orders%	Other orders#	Other orders%	Venue	Routed orders#	Routed orders%	Market orders#	Market orders%	Limit orders#	Limit orders%	Other orders#	Other orders%
21	100.0%	0	0.0%	5	23.8%	16	76.2%	0	0.0%									
										NYSE	17	81.0%	3	60.0%	14	87.5%	0	0.0%
										IB ATS	2	9.5%	1	20.0%	1	6.2%	0	0.0%
										CSFB CROSS	1	4.8%	0	0.0%	1	6.2%	0	0.0%
										BATS	1	4.8%	1	20.0%	0	0.0%	0	0.0%

Nasdaq Stock Market securities

Orders# Non-Dir	Orders% Non-Dir	Orders# Direct	Orders% Direct	Market orders#	Market orders%	Limit orders#	Limit orders%	Other orders#	Other orders%	Venue	Routed orders#	Routed orders%	Market orders#	Market orders%	Limit orders#	Limit orders%	Other orders#	Other orders%
2619	100.0%	0	0.0%	151	5.8%	2465	94.1%	3	0.1%									
										ISLAND	1,987	75.9%	54	35.8%	1,932	78.4%	1	33.3%
										IB ATS	269	10.3%	58	38.4%	211	8.6%	0	0.0%
										ARCA	109	4.2%	8	5.3%	99	4.0%	2	66.7%
										DRCTEDGE	54	2.1%	3	2.0%	51	2.1%	0	0.0%
										UBSDARK	45	1.7%	13	8.6%	32	1.3%	0	0.0%
										BATS	42	1.6%	0	0.0%	42	1.7%	0	0.0%
										EDGEA	30	1.1%	6	4.0%	24	1.0%	0	0.0%
										CITADELDP	26	1.0%	4	2.6%	22	0.9%	0	0.0%
										BYX	11	0.4%	0	0.0%	11	0.4%	0	0.0%
										IEXMID	11	0.4%	2	1.3%	9	0.4%	0	0.0%
										IBX	8	0.3%	0	0.0%	8	0.3%	0	0.0%
										NITTECN	7	0.3%	1	0.7%	6	0.2%	0	0.0%
										CSFB CROSS	6	0.2%	0	0.0%	6	0.2%	0	0.0%
										JANE	5	0.2%	1	0.7%	4	0.2%	0	0.0%
										NYSE	3	0.1%	1	0.7%	2	0.1%	0	0.0%
										IBX	2	0.1%	0	0.0%	2	0.1%	0	0.0%
										NITTEEXST	1	0.0%	0	0.0%	1	0.0%	0	0.0%
										PSX	1	0.0%	0	0.0%	1	0.0%	0	0.0%
										AMEX	1	0.0%	0	0.0%	1	0.0%	0	0.0%
										VIRTUUP	1	0.0%	0	0.0%	1	0.0%	0	0.0%

Securities listed on Amex or any other national securities exchange

Orders# Non-Dir	Orders% Non-Dir	Orders# Direct	Orders% Direct	Market orders#	Market orders%	Limit orders#	Limit orders%	Other orders#	Other orders%	Venue	Routed orders#	Routed orders%	Market orders#	Market orders%	Limit orders#	Limit orders%	Other orders#	Other orders%
6	100.0%	0	0.0%	3	50.0%	3	50.0%	0	0.0%									
										IB ATS	2	33.3%	1	33.3%	1	33.3%	0	0.0%
										IBX	1	16.7%	1	33.3%	0	0.0%	0	0.0%
										BYX	1	16.7%	0	0.0%	1	33.3%	0	0.0%
										ISLAND	1	16.7%	0	0.0%	1	33.3%	0	0.0%
										AMEX	1	16.7%	1	33.3%	0	0.0%	0	0.0%

Listed Options

Orders# Non-Dir	Orders% Non-Dir	Orders# Direct	Orders% Direct	Market orders#	Market orders%	Limit orders#	Limit orders%	Other orders#	Other orders%	Venue	Routed orders#	Routed orders%	Market orders#	Market orders%	Limit orders#	Limit orders%	Other orders#	Other orders%
71	100.0%	0	0.0%	47	66.2%	24	33.8%	0	0.0%									
										PSE	17	23.9%	6	12.8%	11	45.8%	0	0.0%
										ISE	12	16.9%	12	25.5%	0	0.0%	0	0.0%
										EDGX	12	16.9%	12	25.5%	0	0.0%	0	0.0%
										CBOE	6	8.5%	0	0.0%	6	25.0%	0	0.0%
										PEARL	5	7.0%	5	10.6%	0	0.0%	0	0.0%
										NASDAQOM	5	7.0%	0	0.0%	5	20.8%	0	0.0%
										BATS	4	5.6%	2	4.3%	2	8.3%	0	0.0%
										MIAX	3	4.2%	3	6.4%	0	0.0%	0	0.0%
										CBOE2	3	4.2%	3	6.4%	0	0.0%	0	0.0%
										PHLX	2	2.8%	2	4.3%	0	0.0%	0	0.0%
										AMEX	1	1.4%	1	2.1%	0	0.0%	0	0.0%
										GEMINI	1	1.4%	1	2.1%	0	0.0%	0	0.0%

EXCHANGE NAME ABBREVIATIONS

- AMEX NYSE MKT / NYSE Amex Options
- ARCA NYSE Arca
- BATS BATS Z-EXCHANGE
- BEX NASDAQ OMX BX
- BYX BATS Y Exchange
- CBOE Chicago Board Options Exchange
- CBOE2 Chicago Board Options Exchange 2
- CITADELDP Citadel's Darkpool for US Equities
- CSFB CROSS CSFB CrossFinder
- DRCTEDGE BATS DIRECT EDGE
- EDGEA BATS EDGA Exchange
- EDGX BATS EDGX Exchange
- GEMINI ISE Gemini
- IB ATS Interactive Brokers Alternative Trading System
- IBX Investors Exchange
- IEXMID IEX Midpoint
- ISE International Securities Exchange
- ISLAND Nasdaq
- JANE Jane Street Execution Services LLC
- MIAX Miami Options Exchange
- NASDAQOM Nasdaq Options Market
- NITTECN KNIGHT LINK
- NITTEEXST Knight Trading Exhaust Darkpool
- NYSE New York Stock Exchange
- PEARL MEAX PEARL Exchange
- PHLX NASDAQ OMX PHLX
- PSE NYSE Arca Options
- PSX Nasdaq OMX PSX
- UBSDARK US Dark Pool
- VIRTUUP Virtu Financial Capital Markets LLC

ABBREVIATIONS

BASIC ORDER FLOW PROVIDER ROUTING REPORT

Orders# Non-Dir The number of total orders from the provider that were non-directed orders.

Orders% Non-Dir The percentage of total orders from the provider that were non-directed orders.

Orders# Direct The number of total orders from the provider that were directed orders.

Orders% The percentage of total orders from the provider that were

	directed orders.
Market orders#	The number of total non-directed customer orders that were market orders.
Market orders%	The percentage of total non-directed customer orders that were market orders.
Limit orders#	The number of total non-directed customer orders that were limit orders.
Limit orders%	The percentage of total non-directed customer orders that were limit orders.
Other orders#	The number of total non-directed customer orders that were special handling orders and any orders that must be executed on a particular tick or bid.
Other orders%	The percentage of total non-directed customer orders that were special handling orders and any orders that must be executed on a particular tick or bid.
Venue	List of the ten venues to which the largest number of total non-directed orders were routed for execution and of any venue to which more than five percent or more of non-directed orders were routed for execution
Routed orders#	The number of total non-directed orders routed to the venue
Routed orders%	The percentage of total non-directed orders routed to the venue
Market orders#	The number of total non-directed market orders routed to the venue
Market orders%	The percentage of total non-directed market orders routed to the venue
Limit orders#	The number of total non-directed limit orders routed to the venue
Limit orders%	The percentage of total non-directed limit orders routed to the venue
Other orders#	The number of total non-directed other orders routed to the venue. Other orders include special handling orders and any orders that must be executed on a particular tick or bid.
Other orders%	The percentage of total non-directed other orders routed to the venue. Other orders include special handling orders and any orders that must be executed on a particular tick or bid.