The top 5 brokers and execution venues in 2023, retail clients,

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## Retail clients

Top five Brokers

Class of Instrument	Equities - Shares & Depositary Receipts, liquidity bands 1 and 2 (from 0 to 79 trades per day)					
Retail clients						
Notification if <1 average trade per business day in the previous year	No					
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
VIRTU EUROPE LIMITED 213800EEC95PRUCEUP63	100	100	N/A	N/A		

Class of Instrument	Equities - Shares & Depositary Receipts, liquidity bands 3 and 4 (from 80 to 1999 trades per day)				
Retail clients					
Notification if <1 average trade per business day in the previous year	No				
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
VIRTU EUROPE LIMITED 213800EEC95PRUCEUP63	100	100	N/A	N/A	0



## Class of Instrument

## Equities - Shares & Depositary Receipts, liquidity bands 5 and 6 (from 2000 trades per day)

Retail clients					
Notification if <1 average trade per business day in the previous year	No				
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
VIRTU EUROPE LIMITED 213800EEC95PRUCEUP63	100	100	N/A	N/A	

Class of Instrument	Exchange traded funds, exchange traded notes and exchange traded commodities				
Retail clients					
Notification if <1 average trade per business day in the previous year	No				
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
VIRTU EUROPE LIMITED 213800EEC95PRUCEUP63	100	100	N/A	N/A	(



Class of Instrument	Securitized Derivatives, Warrants and Certificate Derivatives					
Retail clients						
Notification if <1 average trade per business day in the previous year	No					
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
VIRTU EUROPE LIMITED 213800EEC95PRUCEUP63	100	100	N/A	N/A		0

Class of Instrument	Exchange traded Structured finance instruments				
Retail clients					
Notification if <1 average trade per business day in the previous year	No				
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
VIRTU EUROPE LIMITED 213800EEC95PRUCEUP63	100	100	N/A	N/A	(



## Retail clients

Top five venues

Class of Instrument	Securitized Derivatives, Warrants and Certificate Derivatives					
Retail clients						
Notification if <1 average trade per business day in the previous year	No					
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
First North Finland FNFI	88,54	89,72	N/A	N/A	0	
First North Finland XHEL	11,46	10,28	N/A	N/A	0	

Class of Instrument	Debt instruments, Bonds					
Retail clients						
Notification if <1 average trade per business day in the previous year	No					
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
OP YRITYSPANKKI 549300NQ588N7RWKBP98	100	100	N/A	N/A		0



Class of Instrument	Swaps, forwards, and other interest rates derivatives				
Retail clients					
Notification if <1 average trade per business day in the previous year	No				
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
OP YRITYSPANKKI 549300NQ588N7RWKBP98	100	100	N/A	N/A	

Class of Instrument	Swaps, forwards, and other currency derivatives				
Retail clients					
Notification if <1 average trade per business day in the previous year	No				
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
OP YRITYSPANKKI 549300NQ588N7RWKBP98	100	100	N/A	N/A	(



Class of Instrument	Structured finance instruments					
Retail clients						
Notification if <1 average trade per business day in the previous year	No					
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
OP YRITYSPANKKI 549300NQ588N7RWKBP98	100	100	N/A	N/A		0