



Retail clients

Top five Brokers

	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 exe- cuted as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
VIRTU ITG EUROPE LIMITED 213800EEC95PRUCEUP63	100	100	N/A	N/A		
Class of Instrument	Equities - Shares & Depositary	Receipts, liquidity bands 3 and 4	4 (from 80 to 1999 trades per da	ay)		
Class of Instrument Retail clients Notification if <1 average trade per business day in the previous year	Equities - Shares & Depositary No	Receipts, liquidity bands 3 and 4	4 (from 80 to 1999 trades per da	ay)		
Retail clients Notification if <1 average trade per business day in the previous		Proportion of orders executed as percentage of total in that class	4 (from 80 to 1999 trades per da	Percentage of aggressive orders	Percentage of directed orders	



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 exe- cuted as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
VIRTU ITG EUROPE LIMITED 213800EEC95PRUCEUP63	100	100	N/A	N/A		
Class of Instrument	Exchange traded funds, exchar	nge traded notes and exchange to	raded 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 exe- cuted as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	



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 exe- cuted as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
\(\text{\tint{\text{\tin\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{	100	100	N/A	N/A		
VIRTU ITG EUROPE LIMITED 213800EEC95PRUCEUP63	100	100	14/14	14/14		
Class of Instrument	Exchange traded Structured fir		IVA	TVA		
Class of Instrument Retail clients	Exchange traded Structured fir		TVA	TVA		
Class of Instrument						
Class of Instrument Retail clients Notification if <1 average trade per business day in the previous	Exchange traded Structured fir		Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	



Retail clients

Top five venues

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 exe- cuted as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
First North Finland FSME	82.19	86.96	N/A	N/A	0	
The Helsinki Stock Exchange XHEL	17.91	13.04	N/A	N/A	0	

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 exe- cuted as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders		
First North Finland FSME	95.58	33.32	N/A	N/A		0	
The Helsinki Stock Exchange XHEL	4.42	66.68	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 exe- cuted as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
The Helsinki Stock Exchange XHEL	100	100	N/A	N/A	0	
Class of Instrument	Securitized Derivatives, Warrar	nts 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 exe- cuted as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
First North Finland FNFI	100	100	N/A	N/A	0	



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 exe- cuted as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
The Helsinki Stock Exchange XHEL	100	100	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	Proportion of orders executed as percentage of total	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
	that class	in that class				



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 exe- cuted 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 cu	rrency 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	Proportion of orders exe- cuted as percentage of total	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
	that class	in that class				



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 exe- cuted 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