

Information on the top five execution venues from 01/01/2021 to 31/12/2021

PROFESSIONAL

Class of Instrument	Orders transmitted - Equities - Shares & Depository Receipts and Exchange Traded Products - Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues 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
XSWX - SIX Swiss Exchange	33,16%	6,45%	17,66%	82,34%	0,00%
XNYS - New York Stock Exchange	20,97%	24,73%	71,60%	28,40%	0,00%
MESI - M.S. EU-SYS Internaliser Germany	11,65%	1,08%	0,00%	100,00%	0,00%
XLON - London Stock Exchange	11,36%	25,81%	22,14%	77,86%	0,00%
CHIX - CBOE Europe - CXE Orders book	9,22%	3,23%	1,98%	98,02%	0,00%

Class of Instrument	Orders transmitted - Equities - Shares & Depository Receipts and Exchange Traded Products - - Tick size liquidity band 3 and 4 (from 80 to 1999 trades per day)				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues 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
XNAS - NASDAQ - all markets	83,27%	12,50%	100,00%	0,00%	0,00%
XATH -Athens Exchange Cash Markets	8,92%	52,08%	63,04%	36,96%	0,00%
XNYS - New York Stock Exchange	3,27%	14,58%	50,00%	50,00%	0,00%
XPAR - Euronext Paris	2,28%	8,33%	100,00%	0,00%	0,00%
XLON - London Stock Exchange	0,89%	4,17%	50,00%	50,00%	0,00%

Class of Instrument	Orders transmitted - Equities - Shares & Depository Receipts and Exchange Traded Products -- Tick size liquidity band 5 and 6 (from 2000 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues 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
XNAS - NASDAQ - all markets	40,72%	15,89%	87,24%	12,76%	0,00%
BMTF - Bloomberg Trading Facility Limited	12,41%	16,31%	24,68%	75,32%	0,00%
XNYS - New York Stock Exchange	11,78%	17,37%	46,79%	53,21%	0,00%
ARCX - NYSE Arca	7,72%	7,63%	78,66%	21,34%	0,00%
XETA - XETRA – Regulierter Markt	7,43%	13,77%	42,11%	57,89%	0,00%

Class of Instrument	Orders transmitted - Equities - Shares & Depository Receipts and Exchange Traded Products *				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues 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
XNAS - NASDAQ - all markets	36,13%	10,67%	93,88%	6,12%	0,00%
XOTH - Other Markets	18,06%	2,67%	100,00%	0,00%	0,00%
ARCX - NYSE Arca	15,19%	10,67%	4,07%	95,93%	0,00%
BMTF - Bloomberg Trading Facility Limited UK	10,34%	13,33%	20,00%	80,00%	0,00%
XOTC - Over the Counter Bulletin Board	3,53%	2,67%	100,00%	0,00%	0,00%

*Includes mostly Exchange Traded Products for which there is no liquidity band

Class of Instrument	Debt Instruments - Bonds (executed)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues 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
XOFF - Off Exchange Transactions - Listed Instruments	51,94%	19,02%	83,61%	16,39%	0,00%
BTFE - Bloomberg Trading Facility Limited Europe	43,70%	74,09%	84,72%	15,28%	0,00%
BMTF - Bloomberg Trading Facility Limited UK	4,26%	6,56%	95,00%	5,00%	0,00%
XOTC - Over the Counter Bulletin Board	0,10%	0,33%	0,00%	100,00%	0,00%

Class of Instrument	Other Investments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues 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 *
XOTC - Over the Counter Bulletin Board	82,00%	66,67%	50,00%	50,00%	0,00%
XOFF - Off Exchange Transactions - Listed Instruments	18,00%	33,33%	100,00%	0,00%	0,00%

There are no clients orders on Securities Financing Transactions (SFTs)

Definitions:

"Passive Order" means an order entered into the order book that provided liquidity

"Aggressive Order" means an order entered into the order book that took liquidity

"Directed Order" means an order where a specific execution venue was specified by the client prior to the execution of the order