

Information on the top five execution venues from 1/1/2022 to 31/12/2022

PROFESSIONAL

Class of Instrument	Orders transmitted - Equities - Shares & Depositary 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	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 (BEX/NASDAQOM/PS)	31,27%	9,72%	0,00%	100,00%	0,00%
XNYS - New York Stock Exchange	14,13%	8,33%	85,00%	15,00%	0,00%
EDGX - CBOE EDGX US Equity Exchange	12,86%	2,78%	46,15%	53,85%	0,00%
XLIF - Lisbon NYSE Euronext	11,88%	9,72%	0,00%	100,00%	0,00%
XCYS - Cyprus Stock Exchange	8,54%	37,50%	100,00%	0,00%	0,00%

Class of Instrument	Orders transmitted - Equities - Shares & Depositary 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
XNYS - New York Stock Exchange	50,57%	30,77%	41,18%	58,82%	0,00%
XATH - Athens Exchange Cash Markets	25,60%	35,90%	100,00%	0,00%	0,00%
XLON - London Stock Exchange	5,99%	10,26%	60,00%	40,00%	0,00%
XWAR- Warsaw Stock Exchange	4,72%	2,56%	0,00%	100,00%	0,00%
XETB - XETRA (FREIVERKEHR)	4,10%	5,13%	50,00%	50,00%	0,00%

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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
XETA - Xetra Regular Market	19,11%	29,57%	43,30%	56,70%	0,00%
XNAS - NASDAQ (BEX/NASDQOM/PS)	18,47%	5,42%	93,63%	6,37%	0,00%
BMTF - BMTF	13,90%	6,55%	34,48%	65,52%	0,00%
ARCX - NYSE ARCA	8,76%	8,58%	0,76%	99,24%	0,00%
XLON- London Stock Exchange	7,64%	4,29%	4,76%	95,24%	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
BMTF - BMTF	48,47%	20,80%	17,02%	82,98%	0,00%
ARCX - NYSE ARCA	26,62%	15,49%	63,95%	36,05%	0,00%
XETA - Xetra Regular Market	11,06%	13,27%	50,54%	49,46%	0,00%
XNYS - New York Stock Exchange	3,67%	2,21%	100,00%	0,00%	0,00%
XLON - London Stock Exchange	2,48%	8,41%	21,74%	78,26%	0,00%

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

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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
BTFE - Bloomberg Trading Facility Limited Europe	76,12%	85,12%	71,26%	28,74%	0,00%
XOFF - Off Exchange Transactions- Listed Instruments	23,88%	14,88%	88,37%	11,63%	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	100,00%	100,00%	0,00%	100,00%	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