

Information on the top five execution venues from 01/01/2020 to 31/12/2020

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 |
| XNYS - New York Stock Exchange Inc. | 76,32% | 59,18% | 98,82% | 1,18% | 0,00% |
| XNAS - NASDAQ - all markets | 9,52% | 14,29% | 70,59% | 29,41% | 0,00% |
| ARCX - Nyse Arca | 6,72% | 3,06% | 98,33% | 1,67% | 0,00% |
| IEXG - Investors Exchange | 5,84% | 1,02% | 100,00% | 0,00% | 0,00% |
| XSLS - SIX Swiss Exchange - SLS | 0,43% | 2,04% | 0,00% | 100,00% | 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 |
| XATH - Athens Exchange S.a. Cash Market | 47,99% | 50,00% | 97,56% | 2,44% | 0,00% |
| XPAR - Euronext - Euronext Paris | 15,11% | 13,16% | 100,00% | 0,00% | 0,00% |
| XLIS - Euronext - Euronext Lisbon | 14,38% | 13,16% | 84,38% | 15,63% | 0,00% |
| XLON - London Stock Exchange | 10,51% | 7,89% | 100,00% | 0,00% | 0,00% |
| XNYS - New York Stock Exchange Inc. | 3,63% | 5,26% | 0,00% | 100,00% | 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 | 54,83% | 20,85% | 92,91% | 7,09% | 0,00% |
| XNYS - New York Stock Exchange Inc. | 11,00% | 18,87% | 52,38% | 47,62% | 0,00% |
| XETR - Xetra | 7,77% | 16,90% | 75,41% | 24,59% | 0,00% |
| XLON - London Stock Exchange | 4,67% | 7,89% | 27,68% | 72,32% | 0,00% |
| XAMS - Euronext - Euronext Amsterdam | 4,18% | 3,94% | 43,75% | 56,25% | 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 | 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 Inc. | 26,57% | 29,09% | 71,68% | 28,32% | 0,00% |
| TREU - Tradeweb Europe Limited | 26,21% | 12,73% | 0,00% | 100,00% | 0,00% |
| XNAS - NASDAQ - all markets | 16,15% | 12,73% | 25,71% | 74,29% | 0,00% |
| XETR - Xetra | 7,75% | 9,09% | 83,33% | 16,67% | 0,00% |
| XLON - London Stock Exchange | 7,13% | 5,45% | 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 |
| BMTF - Bloomberg Trading Facility Limited | 52,06% | 77,76% | 59,06% | 40,94% | 0,00% |
| XOFF - Off Exchange Transactions - Listed instruments | 47,71% | 21,66% | 74,11% | 25,89% | 0,00% |
| XOTC - Over the Counter Bulletin Board | 0,23% | 0,58% | 33,33% | 66,67% | 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 |
| XOFF - Off Exchange Transactions - Listed Instruments | 65,81% | 50,00% | 50,00% | 50,00% | 0,00% |
| XOTC - Over the Counter Bulletin Board | 34,19% | 50,00% | 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