

Top five execution venues of financial instruments in 2019

Class of Instrument		Equities - I. Tick size liquidity bands 5 and 6			
Notification if < 1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes	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
NEW YORK STOCK EXCHANGE, INC. (XNYS)	0,34	0,27	N/A	N/A	N/A
XETRA (XETR)	0,32	0,26	N/A	N/A	N/A
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	0,17	0,21	N/A	N/A	N/A
NEW YORK STOCK EXCHANGE, INC. (ARCX)	0,07	0,07	N/A	N/A	N/A
DEUTSCHE BOERSE AG (XFRA)	0,02	0,05	N/A	N/A	N/A

Class of Instrument		Equities - II. Tick size liquidity bands 3 and 4			
Notification if < 1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes	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
XETRA (XETR)	0,36	0,38	N/A	N/A	N/A
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	0,34	0,17	N/A	N/A	N/A
NEW YORK STOCK EXCHANGE, INC. (XNYS)	0,17	0,21	N/A	N/A	N/A
BUDAPEST STOCK EXCHANGE (XBUD)	0,08	0,10	N/A	N/A	N/A
WIENER BOERSE AG (WBAH)	0,03	0,03	N/A	N/A	N/A

Class of Instrument	Equities - III. Tick size liquidity bands 1 and 2				
Notification if < 1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes	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
ZAGREB STOCK EXCHANGE (XZAG)	0,97	0,99	0,47	0,43	N/A
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	0,01	0,00	N/A	N/A	N/A
NEW YORK STOCK EXCHANGE, INC. (XNYS)	0,01	0,00	N/A	N/A	N/A
LJUBLJANA STOCK EXCHANGE (XLJU)	0,01	0,00	N/A	N/A	N/A
NASDAQ/NMS (GLOBAL MARKET) (XNMS)	0,00	0,00	N/A	N/A	N/A

Class of Instrument	Debt instruments (Bonds)				
Notification if < 1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes	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
BLOOMBERG TRADING FACILITY (BMTF)	0,99	0,93	N/A	N/A	N/A
ZAGREB STOCK EXCHANGE (XZAG)	0,01	0,06	0,82	0,18	N/A
NEW YORK STOCK EXCHANGE, INC. (XNYS)	0,00	0,00	N/A	N/A	N/A
BOERSE BERLIN (BERA)	0,00	0,00	N/A	N/A	N/A
BOERSE STUTT GART (XSTU)	0,00	0,00	N/A	N/A	N/A

Class of Instrument	Interest rate derivatives (Futures and options)				
Notification if < 1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes	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
EUREX (XEUR)	0,44	0,55	N/A	N/A	N/A
BLOOMBERG TRADING FACILITY (BMTF)	0,29	0,15	N/A	N/A	N/A
CHICAGO BOARD OF TRADE (XCBT)	0,27	0,30	N/A	N/A	N/A

Class of Instrument	Currency derivatives (Futures and options)				
Notification if < 1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes	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
CME GLOBEX (GLBX)	1,00	1,00	N/A	N/A	N/A

Class of Instrument	Currency derivatives (Swaps and forwards)				
Notification if < 1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes	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
BLOOMBERG TRADING FACILITY (BMTF)	1,00	1,00	N/A	N/A	N/A

Class of Instrument	Equity derivatives (Futures and options)				
Notification if < 1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes	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
EUREX (XEUR)	0,51	0,39	N/A	N/A	N/A
INTERCONTINENTAL EXCHANGE (IEPA)	0,21	0,16	N/A	N/A	N/A
CME GLOBEX (GLBX)	0,17	0,30	N/A	N/A	N/A
EURONEXT PARIS MONEP (XMON)	0,05	0,03	N/A	N/A	N/A
CHICAGO BOARD OPTIONS EXCHANGE (XCBO)	0,04	0,05	N/A	N/A	N/A

Class of Instrument	Commodities derivatives (Futures and options)				
Notification if < 1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes	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
ICE FUTURES EUROPE (IFLL)	1,00	1,00	N/A	N/A	N/A