

Top 5 Execution Venue Reporting

Account: all accounts
Range: 01.01.2021 – 31.12.2021

Class of financial instruments	Equity Band 1 and 2				
Notification if <1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
US (NYSE) (XNYS)	49.49%	41.03%	33.33%	7.69%	0.00%
Switzerland (Zurich) (XSWX)	19.26%	12.82%	12.82%	0.00%	0.00%
UK (London) (XLON)	17.51%	10.26%	10.26%	0.00%	0.00%
Canada (Toronto) (XTSE)	13.06%	30.77%	23.08%	7.69%	0.00%
US (AMEX) (XASE)	0.68%	2.56%	0.00%	2.56%	0.00%

Class of financial instruments	Equity Band 3 and 4				
Notification if <1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
US (NYSE) (XNYS)	28.89%	18.18%	13.64%	4.55%	0.00%
Spain (Madrid) (XMAD)	22.39%	18.18%	18.18%	0.00%	0.00%
US (NASDAQ) (XNAS)	21.64%	13.64%	13.64%	0.00%	0.00%
France Euronext (Paris) (XPAR)	17.74%	22.73%	22.73%	0.00%	0.00%
Australia (Sydney) (XASX)	3.78%	9.09%	4.55%	4.55%	0.00%

Class of financial instruments	Equity Band 5 and 6				
Notification if <1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
US (NYSE) (XNYS)	84.43%	85.88%	52.94%	32.94%	0.00%
France Euronext (Paris) (XPAR)	9.41%	7.06%	4.71%	2.35%	0.00%
US (NASDAQ) (XNAS)	2.02%	2.35%	2.35%	0.00%	0.00%
Netherlands (Amsterdam) (XAMS)	1.87%	2.35%	0.00%	2.35%	0.00%
Germany (Xetra) (XETR)	1.15%	1.18%	0.00%	1.18%	0.00%

Class of financial instruments	Equity without Band				
Notification if <1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
US (NYSE) (XNYS)	65.81%	33.33%	16.67%	16.67%	0.00%
Spain (Madrid) (XMAD)	15.77%	25.00%	0.00%	25.00%	0.00%
UK (London) (XLON)	11.15%	16.67%	16.67%	0.00%	0.00%
Germany (Xetra) (XETR)	4.09%	16.67%	8.33%	8.33%	0.00%
Italy (Milano) (XMIL)	3.17%	8.33%	0.00%	8.33%	0.00%

Class of financial instruments	Debt instruments				
Notification if <1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
OTC Bonds (XOTC)	100.00%	100.00%	0.00%	100.00%	0.00%

Class of financial instruments	Interest rates derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
Chicago Board of Trade (XCBT)	52.74%	66.39%	38.66%	27.73%	0.00%
US (CBOT) (FCBT)	31.01%	26.05%	19.33%	6.72%	0.00%
No exchange	16.25%	7.56%	5.04%	2.52%	0.00%

Class of financial instruments	Equity derivatives				
Notification if <1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
US (CME) (XCME)	66.80%	28.42%	18.69%	9.73%	0.00%
Germany (EUREX) (XEUR)	11.59%	24.10%	9.18%	14.92%	0.00%
No exchange	8.82%	4.27%	2.62%	1.65%	0.00%
New York Board of Trade (IFUS)	4.94%	6.20%	4.04%	2.16%	0.00%
Singapore (Derivates) (XSIM)	3.59%	3.03%	1.88%	1.15%	0.00%

Class of financial instruments	Securitized derivatives				
Notification if <1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
Germany (Frankfurt) (XFRA)	60.92%	52.94%	8.82%	44.12%	0.00%
Germany (Xetra) (XETR)	38.28%	44.12%	11.76%	32.35%	0.00%
Euwx Stuttgart (EUWX)	0.80%	2.94%	0.00%	2.94%	0.00%

Class of financial instruments	Contracts for difference				
Notification if <1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
OTC CFDs (XCFD)	100.00%	100.00%	0.00%	100.00%	0.00%

Class of financial instruments	Exchange traded products				
Notification if <1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as 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
US (NYSE ARCA) (ARCX)	87.85%	83.98%	62.98%	20.99%	0.00%
US (NASDAQ) (XNAS)	4.84%	9.39%	9.39%	0.00%	0.00%
Germany (Xetra) (XETR)	3.76%	3.31%	1.66%	1.66%	0.00%
US (NYSE) (XNYS)	3.10%	2.76%	1.66%	1.10%	0.00%
France Euronext (Paris) (XPAR)	0.47%	0.55%	0.55%	0.00%	0.00%