

Currency Derivatives: Futures and Options Admitted to Trading on a Trading Venue

Notification if <1 average trade per business day in the previous year	Y				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BFM8T61CT2L1QCEMIK50	67.22%	37.25%	0.00%	100.00%	0.00%
BFM8T61CT2L1QCEMIK50	14.92%	3.43%	0.00%	100.00%	0.00%
E58DKGMJYYYYJLN8C3868	14.79%	57.35%	0.00%	100.00%	0.00%
BFM8T61CT2L1QCEMIK50	3.07%	1.96%	0.00%	100.00%	0.00%

Debt Instruments: Bonds

Notification if <1 average trade per business day in the previous year	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
K6Q0W1PS1L1O4IQL9C32	9.84%	7.91%	0.00%	97.22%	0.00%
GGDZP1UYGU9STUHRDP48	8.15%	5.71%	0.00%	100.00%	0.00%
k9wdoh4d2pybslsob484	7.12%	6.08%	0.00%	100.00%	0.00%
W22LROWP2IHZNBB6K528	6.96%	4.91%	0.00%	100.00%	0.00%
4PQUHN3JPFGFNF3BB653	6.27%	4.03%	0.00%	100.00%	0.00%

Equities - Shares and Depositary Receipts

Notification if <1 average trade per business day in the previous year	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
E58DKGMJYYYJLN8C3868	24.31%	5.94%	0.00%	100.00%	0.00%
213800VZMAGVIU2IJA72	10.34%	3.07%	27.44%	72.56%	0.00%
K6Q0W1PS1L1O4IQL9C32	6.19%	3.14%	11.54%	88.46%	0.00%
k9wdoh4d2pybslsob484	5.75%	0.00%	0.00%	100.00%	0.00%
W22LROWP2IHZNBB6K528	5.44%	0.71%	67.77%	32.23%	0.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 1 and 2

Notification if <1 average trade per business day in the previous year	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BFM8T61CT2L1QCEMIK50	10.19%	23.37%	0.00%	100.00%	0.00%
E58DKGMJYYYJLN8C3868	5.70%	6.61%	53.03%	46.97%	0.00%
549300772UJAHRD6LO53	5.17%	3.92%	60.30%	39.70%	0.00%
4PQUHN3JPFGFNF3BB653	3.72%	2.51%	64.37%	35.63%	0.00%
213800D836LM6FFK9U60	3.41%	1.92%	1.28%	98.72%	0.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4

Notification if <1 average trade per business day in the previous year	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
213800P3F4RT97WDSX47	15.28%	7.97%	26.77%	73.23%	0.00%
213800ZIRB79BE5XQM68	9.50%	10.03%	65.86%	34.14%	0.00%
5493007DWN0R4YBM4C84	9.32%	5.58%	45.04%	54.96%	0.00%
6SHGI4ZSSLCXXQSBB395	7.33%	1.62%	67.81%	32.19%	0.00%
5493002FO2Q9EGLQ2416	5.35%	0.37%	0.00%	100.00%	0.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 5 and 6

Notification if <1 average trade per business day in the previous year	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BFM8T61CT2L1QCEMIK50	8.04%	16.94%	0.00%	100.00%	0.00%
213800ZIRB79BE5XQM68	6.22%	5.48%	60.97%	39.03%	0.00%
549300772UJAHRD6LO53	5.92%	7.73%	64.83%	35.17%	0.00%
GGDZP1UYGU9STUHRDP48	5.41%	4.75%	65.20%	34.80%	0.00%
E58DKGMJYYYJLN8C3868	5.02%	5.52%	54.80%	45.20%	0.00%

Equity Derivatives: Futures and Options Admitted to Trading on a Trading Venue

Notification if <1 average trade per business day in the previous year	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
E58DKGMJYYYYJLN8C3868	95.24%	99.65%	48.92%	51.08%	0.00%
W22LROWP2IHZNBB6K528	3.56%	0.06%	0.00%	100.00%	0.00%
W22LROWP2IHZNBB6K528	0.63%	0.01%	0.00%	100.00%	0.00%
BFM8T61CT2L1QCEMIK50	0.27%	0.06%	0.00%	100.00%	0.00%
5493002FO2Q9EGLQ2416	0.15%	0.06%	0.00%	100.00%	0.00%

Other Instruments

Notification if <1 average trade per business day in the previous year	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
213800P3F4RT97WDSX47	55.99%	39.59%	80.92%	19.08%	0.00%
213800PKEJQZQXQCOJ04	25.02%	44.70%	50.95%	49.05%	0.00%
213800PKEJQZQXQCOJ04	8.66%	5.48%	55.56%	44.44%	0.00%
2138004J5VSRWX5VMN77	8.24%	10.11%	100.00%	0.00%	0.00%
5493002FO2Q9EGLQ2416	2.09%	0.12%	0.00%	100.00%	0.00%

Debt Instruments: Bonds

Notification if <1 average trade per business day in the previous year	Y				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
CGML	93.63%	85.71%	0.00%	100.00%	0.00%
TCDS	6.37%	14.29%	0.00%	100.00%	0.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 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 (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BGSI	78.60%	73.08%	0.00%	100.00%	0.00%
INVE	7.40%	2.31%	0.00%	100.00%	0.00%
JPSI	7.29%	12.31%	25.00%	75.00%	0.00%
JEFS	5.71%	7.69%	0.00%	100.00%	0.00%
RBCE	1.00%	4.62%	0.00%	100.00%	0.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4

Notification if <1 average trade per business day in the previous year	N				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
INVE	49.31%	22.30%	0.00%	100.00%	0.00%
BGSI	45.06%	8.36%	0.00%	100.00%	0.00%
BCSI	3.50%	2.79%	75.00%	25.00%	0.00%
JPSI	0.83%	63.76%	100.00%	0.00%	0.00%
MLSI	0.78%	0.35%	0.00%	100.00%	0.00%

Equities - Shares and Depositary Receipts: Tick size liquidity bands 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 (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
GSSI	46.42%	11.54%	0.00%	100.00%	0.00%
JEFS	16.71%	19.23%	0.00%	100.00%	0.00%
EXSE	9.76%	7.69%	0.00%	100.00%	0.00%
CGMT	7.08%	11.54%	0.00%	100.00%	0.00%
MLRQ	5.69%	3.85%	0.00%	100.00%	0.00%