

Venue Report

Fixed Income and Related Securities

Notification if <1 average trade per business day in previous year	No				
Top 5 Execution Venues ranked in terms of trading volumes	Proportion of Volume Traded as a % of total in that class	Proportion of Orders Traded as a % of total in that class	Passive	Aggressive	Directed
Bloomberg Trading Facility Ltd LEI 549300ROEJDDAXM6LU05	55.832	62.574	N/A	N/A	N/A
Deutsche Bank LEI 9J6MBOO07BECTDTUZW19	5.350	2.691	N/A	N/A	N/A
Royal Bank of Canada LEI E57IP3U3RHIGC71XBU11	3.980	4.246	N/A	N/A	N/A
Barclays Bank LEI G5GSEF7VJP517OUK5573	3.833	4.286	N/A	N/A	N/A
HSBC LEI MP6I5ZYZBEU3UXPYFY54	3.720	2.524	N/A	N/A	N/A

Credit Derivatives and Related Securities

Notification if <1 average trade per business day in previous year	No				
Top 5 Execution Venues ranked in terms of trading volumes	Proportion of Volume Traded as a % of total in that class	Proportion of Orders Traded as a % of total in that class	Passive	Aggressive	Directed
Bloomberg SEF Llc LEI 5493003IUYOH3554SNS58	95.353	74.000	N/A	N/A	N/A
MERRILL LYNCH (BOA) LEI 549300HN4UKV1E2R3U73	4.647	26.000	N/A	N/A	N/A