

Broker Report

Fixed Income and Related Securities

Notification if <1 average trade per business day in previous year	No				
Top 5 Execution Brokers 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
Citigroup Global Markets Ltd LEI XKZZ2JZF41MRHTR1V493	18.631	18.640	N/A	N/A	N/A
Royal Bank of Canada LEI ES7IP3U3RHIGC71XBU11	10.907	11.644	N/A	N/A	N/A
Barclays Bank LEI G5GSEF7VJP517OUK5573	10.522	10.573	N/A	N/A	N/A
Credit Suisse Securities (USA) LLC LEI 1V8Y6QCX6YMJ2OELI46	8.481	11.315	N/A	N/A	N/A
Deutsche Bank LEI 9J6MBOOO7BECTDTUZW19	7.570	7.556	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 Brokers 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
Citigroup Global Markets Ltd LEI XKZZ2JZF41MRHTR1V493	40.570	30.000	N/A	N/A	N/A
Royal Bank of Canada LEI ES7IP3U3RHIGC71XBU11	28.175	12.000	N/A	N/A	N/A
Credit Suisse Securities (USA) LLC LEI 1V8Y6QCX6YMJ2OELI46	21.549	22.000	N/A	N/A	N/A
Barclays Bank LEI G5GSEF7VJP517OUK5573	4.647	26.000	N/A	N/A	N/A
HSBC LEI MP6I5ZYZBEU3UXPYFY54	4.285	8.000	N/A	N/A	N/A