

MiFID II RTS 28
Data for Calendar Year 2017



Date Range for report -	Start Date:	31/12/2016	End Date:	31/12/2017
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Class of Instrument	Equities				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Canaccord Genuity [ZBU7V5NIMN4ILRFC23]	100%	100%	n/a	n/a	n/a

Class of Instrument	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 (descending order)	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
Citibank (Fedwire) [XKZZ2JZF41MRHTR1V493]	63%	18%	n/a	n/a	n/a
TD Securities (Fed Wire) [PT3QB789TSUIDF371261]	7%	4%	n/a	n/a	n/a
TD Securities (Euroclear) [PT3QB789TSUIDF371261]	7%	17%	n/a	n/a	n/a
Morgan Stanley (Fed wire) [4PQUHN3JPFGNF3BB653]	6%	15%	n/a	n/a	n/a
Barclays (Fed wire) [G5GSEF7VJP5I7OUK5573]	5%	20%	n/a	n/a	n/a

Class of Instrument	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 (descending order)	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
JPM (Futures) [K6Q0W1PS1L1O4IQL9C32]	100%	100%	n/a	n/a	n/a

Class of Instrument	Currency derivatives				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Citibank (FX) [XKZZ2JZF41MRHTR1V493]	39%	15%	n/a	n/a	n/a
JPM (FX) [K6Q0W1PS1L1O4IQL9C32]	26%	18%	n/a	n/a	n/a
NT (FX) [6PTKHDJ8HDUF78PFWH30]	19%	45%	n/a	n/a	n/a
BBH InfoFx [5493006KMX1VFTYPW14]	15%	17%	n/a	n/a	n/a
Standard Bank SA (FX) [QFC8ZCW3Q5PRXU1XTM60]	0%	4%	n/a	n/a	n/a

Class of Instrument	Equity Derivatives				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
JPM (Futures) [K6Q0W1PS1L1O4IQL9C32]	51%	76%	n/a	n/a	n/a
Deutsche Bank (Futures) [7LTWFZYICNSX8D621K86]	49%	22%	n/a	n/a	n/a
Barclays (Clearstream) [G5GSEF7VJP5I7OUK5573]	0%	1%	n/a	n/a	n/a
JPM (Euroclear) [K6Q0W1PS1L1O4IQL9C32]	0%	1%	n/a	n/a	n/a
JP Morgan [K6Q0W1PS1L1O4IQL9C32]	0%	1%	n/a	n/a	n/a

Class of Instrument	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 (descending order)	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
Hobart Capital [213800O4WPTMQ9RQXQ63]	100%	100%	n/a	n/a	n/a

Class of Instrument	Other instruments				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders