

Credit Derivatives: Other Credit Derivatives

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Credit Derivatives: Other Credit Derivatives

Type	Professional				
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
W22LR0WP2IHZNBB6K528	100	100	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Credit Derivatives: Other Credit Derivatives

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Currency Derivatives: Swaps, Forwards and Other Currency Derivatives

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Currency Derivatives: Swaps, Forwards and Other Currency Derivatives

Type	Professional				
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
BFM8T61CT211QCCEMIK50	69.28282	6.979241	0	100	0
6PTKHDJ8HDUF78PFVH30	29.139817	89.54903400000001	0	100	0
DL6FFRRLF74S01HE2M14	1.577076	3.364352	0	100	0
E58DKGMJYYJLN8C3868	0.000287	0.107373	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Currency Derivatives: Swaps, Forwards and Other Currency Derivatives

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Debt Instruments: Bonds

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Debt Instruments: Bonds

Type	Professional				
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
K6QOW1PS1L1O4IQL9C32	15.663468	15.121951	0	100	0
GGDZP1UYGU9STUHRDP48	11.774749	9.701897000000001	0	100	0
Z13800BVEFNZ8UYPKL03	11.118683	4.173442	0	100	0
W22LROWP2IHZNBB6K528	10.760253	9.810298	0	100	0
S5THZMDUJCTQZBTRV98	10.622228	11.869919	0	100	0

Debt Instruments: Bonds

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Equities - Shares and Depositary Receipts

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Equities - Shares and Depositary Receipts

Type	Professional				
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
DL6FFRRL74501HE2M14	32.169881	19.736547	0	100	0
Z13800VZMAGVIU2UA72	14.674285	5.222611	63.080648	36.919352	0
GGDZP1UYGU9STUHRDP48	11.632297	0.171627	88.57142899999999	11.428571	0
K6QOW1PS1L1O4IQL9C32	5.467368	3.686488	12.013442	87.986558	0
W22LROWP2IHZNBB6K528	5.181008	0.777094	60.77715	39.22285	0

Equities - Shares and Depositary Receipts

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

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

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

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

Type	Professional				
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
BFM8T61CT2L1QCCEMIK50	19.247207	47.089744	1.267756	98.73224399999999	0
Z13800P3F4RT97WDSX47	6.312308	4.520535	29.785595	70.214405	0
58PU97L1COWSRCWADL48	4.785644	2.184698	68.61915999999999	31.38084	0
Z13800BVEFNZ8UYPKL03	4.673781	4.529319	58.673265	41.326735	0
Z13800YZXS7U4QZP6441	4.401497	1.371153	40.402032	59.597968	0

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

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

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

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

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

Type	Professional				
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
BFM8T61CT2L1QCCEMIK50	14.704885	25.770825	5.545613	94.454387	0
W22LROWP2IHZNBB6K528	7.917441	8.980024	69.392004	30.607996	0
58PU97L1COWSRCWADL48	6.210757	3.120696	44.577591	55.422409	0
DL6FFRRL74S01HE2M14	5.021821	20.266135	40.629229	59.370771	0
K6QOW1PS11O4IQL9C32	4.890949	2.229424	62.734135	37.265865	0

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

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

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

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

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

Type	Professional				
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
BFM8T61CT2L1QCCEMIK50	13.944735	26.259078	6.101863	93.89813700000001	0
58PU97L1COWSRCWADL48	8.175865	6.805308	55.553231	44.446769	0
4PQUHN3JPFQFN3BB653	8.067610999999999	6.209775	59.231098	40.768902	0
K6QOW1PS11O4IQL9C32	7.679744	5.042245	71.294397	28.705603	0
W22LROWP2IHZNBB6K528	7.028521	6.087252	69.73729299999999	30.262707	0

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

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

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

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

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

Type	Professional				
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
DL6FFRRL74S01HE2M14	100	100	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

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

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Equity Derivatives: Swaps and Other Equity Derivatives

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Equity Derivatives: Swaps and Other Equity Derivatives

Type	Professional				
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
DL6FFRRL74S01HE2M14	91.252546	89.197687	11.352863	88.647137	0
W22LROWP2IH2NB86K528	8.724508	10.787857	39.162479	60.837521	0
GGDZP1UYGU9STUHRDP48	0.005341	0.010842	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Equity Derivatives: Swaps and Other Equity Derivatives

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)

Type	Professional				
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
DL6FFRRL74501HE2M14	83.51984899999999	91.358025	18.018018	81.981982	0
W22LROWP2IHZNBB6K528	16.480151	8.641975	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Interest Rate Derivatives: Swaps, Forwards and other Interest Rate Derivatives

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Interest Rate Derivatives: Swaps, Forwards and other Interest Rate Derivatives

Type	Professional				
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
DL6FFRRL74501HE2M14	99.481149	96.969697	34.375	65.625	0
GGDZP1UYGU95TUHRDP48	0.518851	3.030303	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Interest Rate Derivatives: Swaps, Forwards and other Interest Rate Derivatives

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Other Instruments

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Other Instruments

Type	Professional				
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	82.45340400000001	72.55936699999999	72.545455	27.454545	0
2138004J5VSRWXSVMN77	7.119427	9.762532999999999	82.88288300000001	17.117117	0
213800PKJEJQZQXCOJ04	5.238149	1.583113	69.444444	30.555556	0
K6QOW1PS1L1O4IQL9C32	2.491524	15.611258	27.323944	72.676056	0
W22LROWP2IHZNBB6K528	2.425034	0.043975	0	100	0

Other Instruments

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Currency Derivatives: Swaps, Forwards and Other Currency Derivatives

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Currency Derivatives: Swaps, Forwards and Other Currency Derivatives

Type	Professional				
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
FXGO	100	100	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Currency Derivatives: Swaps, Forwards and Other Currency Derivatives

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Debt Instruments: Bonds

Type	Retail				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Debt Instruments: Bonds

Type	Professional				
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
BMTF	100	100	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Debt Instruments: Bonds

Type	SFT				
Notification if <1 average trade per business day in the previous year	N/A				
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
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A