

Class of Instrument	Equities				
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
Xetra	40,35	12,48			100
XETR					
Tradegate	38,02	80,00			100
XGAT					
Frankfurt	3,99	5,85			100
XFRA					
Paris	3,45	0,02			100
XPAR					
Paris	3,06	0,02			100
XNYS					
Other	11,13	1,63			100

Class of Instrument	Debt 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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Bloomberg	78,22	25,43			100
BTFE					
OTC	19,83	13,67			100
XOFF					
Frankfurt	0,56	21,04			100
XFRA					
Bloomberg	0,45	0,58			100
BMTF					
Tradegate	0,45	19,22			100
XGAT					
Other	0,49	20,06			100

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
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					

Class of Instrument	credit 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
Eurex	98,55	97,78			100
XEUR					
Chicago	1,45	2,22			100
XCBT					
Other	0,00	0,00			100

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
Eurex	100,00	100,00			100
XEUR					
Other	0,00	0,00			100

Class of Instrument	Structured finance 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
OTC	100,00	85,71			100
XOFF					
Switzerland	0,00	14,29			100
XSWX					
Other	0,00	0,00			100

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
Eurex	100,00	100,00			100
XEUR					
Other	0,00	0,00			100

Class of Instrument	Securitized 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
Stuttgart	65,62	59,93			100
XSTU					
Frankfurt	29,50	25,50			100
XFRA					
Tradegate	3,72	12,86			100
XGAT					
Xetra	0,78	1,30			100
XETR					
Düsseldorf	0,31	0,23			100
XDUS					
Other	0,07	0,18			100

Class of Instrument	Commodities derivatives and emission allowances 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
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					

Class of Instrument	Contracts for difference				
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
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					

Class of Instrument	Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)				
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
OTC	99,23	27,52			100
XOFF					
Tradegate	0,41	30,87			100
XGAT					
Xetra	0,26	20,13			100
XETR					
Frankfurt	0,06	16,11			100
XFRA					
New York	0,03	0,67			100
XNYS					
Other	0,01	4,70			100

Class of Instrument	Emission allowances				
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
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					
Venue name					
Venue MIC					

Class of Instrument	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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Tradegate	44,99	46,94			100
XGAT					
Frankfurt	29,12	22,45			100
XFRA					
Hamburg	10,18	10,20			100
XHAM					
Außerbörslich	7,04	2,04			100
XOFF					
Stuttgart	4,44	6,12			100
XSTU					
Other	4,23	12,25			100