

## Top 5 Reporting 2021

### Retail Clients

**Table 1**

Class of Instrument	Equities – Shares & Depositary Receipts - Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)				
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
GETTEX - Market Maker Munich (MUNC)	99,33	99,86	100,00	0,00	99,98
Xetra (XETR)	0,20	0,08	100,00	0,00	92,52
NASDAQ Stock Market (XNAS)	0,15	0,02	100,00	0,00	0,00
London Stock Exchange (XLON)	0,09	0,01	100,00	0,00	0,00
Schweizer Boerse -SIX Swiss Exchange AG (XSWX)	0,08	0,01	100,00	0,00	0,00

## Retail Clients

**Table 2**

Class of Instrument	Equities – Shares & Depository Receipts - Tick size liquidity bands 3 and 4 (from 80 to 1999 trades per day)				
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
GETTEX - Market Maker Munich (MUNC)	98,51	99,83	100,00	0,00	99,98
Xetra (XETR)	1,16	0,16	100,00	0,00	78,83
Börse Stockholm (XSTO)	0,31	0,00	100,00	0,00	0,00
New York Stock Exchange (XNYS)	0,01	0,00	100,00	0,00	0,00

## Retail Clients

**Table 3**

Class of Instrument	Equities – Shares & Depository Receipts - Tick size liquidity bands 5 and 6 (from 2000 trades per day)				
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
GETTEX - Market Maker Munich (MUNC)	99,46	99,89	100,00	0,00	99,98
Xetra (XETR)	0,34	0,10	100,00	0,00	96,90
Stockholm (XSTO)	0,07	0,00	100,00	0,00	0,00
New York Stock Exchange (XNYS)	0,04	0,00	100,00	0,00	0,00
NASDAQ Stock Market (XNAS)	0,03	0,00	100,00	0,00	0,00

## Retail Clients

**Table 4**

Class of Instrument	Equities - No specific assignment				
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
GETTEX - Market Maker Munich (MUNC)	99,77	99,88	100,00	0,00	100,00
Xetra (XETR)	0,20	0,09	100,00	0,00	100,00
Toronto Stock Exchange (XTSE)	0,03	0,03	100,00	0,00	0,00

## Retail Clients

**Table 5**

Class of Instrument	Debt instruments - Bonds				
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
Börse München (XMUN)	37,67	24,05	100,00	0,00	0,00
GETTEX - Market Maker Munich (MUNC)	19,66	11,39	100,00	0,00	0,00
Berlin - Tradegate Exchange (TGAT)	12,40	27,85	100,00	0,00	0,00
Börse Berlin (XBER)	9,92	3,80	100,00	0,00	0,00
Börse Stuttgart (XSTU)	6,35	11,39	100,00	0,00	0,00

Retail Clients

**Table 6**

Class of Instrument	Debt instruments - Money markets 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Retail Clients

**Table 7**

Class of Instrument	Interest rates derivatives - Futures and options admitted to trading on a trading venue				
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
null	0	0	0	0	0

## Retail Clients

**Table 8**

Class of Instrument	Interest rates derivatives - Swaps, forwards, and other interest rates 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0



Retail Clients

**Table 9**

Class of Instrument	Credit derivatives - Futures and options admitted to trading on a trading venue				
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
null	0	0	0	0	0

Retail Clients

**Table 10**

Class of Instrument	Credit derivatives - Other credit 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Retail Clients

**Table 11**

Class of Instrument	Currency derivatives - Futures and options admitted to trading on a trading venue				
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
Globex - CME (GLBX)	100,00	100,00	100,00	0,00	78,57

Retail Clients

**Table 12**

Class of Instrument	Currency derivatives - Swaps, forwards, and other 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Retail Clients

**Table 13**

Class of Instrument	Structured finance 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Retail Clients

**Table 14**

Class of Instrument	Equity Derivatives - Options and Futures admitted to trading on a trading venue				
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
Chicago Board Opt. Exch. (XCBO)	83,63	61,11	100,00	0,00	9,09
EUREX AG (XEUR)	16,37	38,89	100,00	0,00	0,00

Retail Clients

**Table 15**

Class of Instrument	Equity Derivatives - Swaps and other equity 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Retail Clients

**Table 16**

Class of Instrument	Securitized Derivatives - Warrants and Certificate 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
GETTEX - Market Maker Munich (MUNC)	99,88	99,96	100,00	0,00	99,99
Börse Stuttgart (XSTU)	0,06	0,00	100,00	0,00	24,14
Xetra (XETR)	0,04	0,03	100,00	0,00	94,40
Berlin - Tradegate Exchange (TGAT)	0,02	0,00	100,00	0,00	0,00



Retail Clients

**Table 17**

Class of Instrument	Securitized Derivatives - Other 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Retail Clients

**Table 18**

Class of Instrument	Commodities derivatives and emission allowances Derivatives - Options and Futures admitted to trading on a trading venue				
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
null	0	0	0	0	0

## Retail Clients

**Table 19**

Class of Instrument	Commodities derivatives and emission allowances Derivatives - Other commodities derivatives and emission allowances 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Retail Clients

**Table 20**

Class of Instrument	Contracts for difference				
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
null	0	0	0	0	0

## Retail Clients

**Table 21**

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	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
GETTEX - Market Maker Munich (MUNC)	99,68	99,83	100,00	0,00	99,96
Xetra (XETR)	0,30	0,17	100,00	0,00	97,35
Berlin - Tradegate Exchange (TGAT)	0,01	0,00	100,00	0,00	0,00

## Retail Clients

**Table 22**

Class of Instrument	Emission allowances				
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
null	0	0	0	0	0

## Retail Clients

**Table 23**

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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
GETTEX - Market Maker Munich (MUNC)	99,53	97,25	100,00	0,00	99,93
Börse Berlin (XBER)	0,34	1,30	100,00	0,00	0,00
Schweizer Boerse -SIX Swiss Exchange AG (XSWX)	0,06	0,01	100,00	0,00	0,00
Börse Frankfurt (XFRA)	0,04	0,06	100,00	0,00	0,00
Xetra (XETR)	0,01	0,45	100,00	0,00	0,00

## Professional Clients

**Table 1**

Class of Instrument	Equities – Shares & Depository Receipts - Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)				
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
Schweizer Boerse -SIX Swiss Exchange AG (XSWX)	45,24	7,78	78,16	21,84	17,48
New York Stock Exchange (XNYS)	12,42	5,96	88,35	11,65	33,60
London Stock Exchange (XLON)	12,14	3,62	81,30	18,70	2,78
Tokio Stock Exchange (XTKS)	10,24	0,29	100,00	0,00	0,00
Xetra (XETR)	3,68	8,56	68,49	31,51	42,15



## Professional Clients

**Table 2**

Class of Instrument	Equities – Shares & Depository Receipts - Tick size liquidity bands 3 and 4 (from 80 to 1999 trades per day)				
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
Xetra (XETR)	32,39	19,71	75,98	24,02	36,41
Tokio Stock Exchange (XTKS)	16,38	0,16	100,00	0,00	0,00
Berlin - Tradegate Exchange (TGAT)	8,74	23,67	99,99	0,01	98,62
Börse Frankfurt (XFRA)	7,77	28,31	99,98	0,02	98,25
Paris - Euronext (XPAR)	6,77	0,73	70,81	29,19	14,45

## Professional Clients

**Table 3**

Class of Instrument	Equities – Shares & Depositary Receipts - Tick size liquidity bands 5 and 6 (from 2000 trades per day)				
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
Xetra (XETR)	31,99	16,60	74,60	25,40	55,47
Berlin - Tradegate Exchange (TGAT)	15,44	23,97	100,00	0,00	99,14
New York Stock Exchange (XNYS)	12,99	4,02	92,05	7,95	36,58
Börse Frankfurt (XFRA)	6,41	25,46	99,99	0,01	97,44
Paris - Euronext (XPAR)	5,85	0,94	80,53	19,47	10,90

## Professional Clients

**Table 4**

Class of Instrument	Equities - No specific assignment				
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
New York Stock Exchange (XNYS)	27,60	18,81	86,17	13,83	62,79
Tokio Stock Exchange (XTKS)	18,08	0,26	100,00	0,00	0,00
NASDAQ Stock Market (XNAS)	17,88	17,39	83,84	16,16	64,02
Schweizer Boerse -SIX Swiss Exchange AG (XSWX)	13,20	1,06	59,42	40,58	5,07
Stock Exchange of Hongkong (XHKG) (SEHK)	4,05	0,59	100,00	0,00	0,00

## Professional Clients

**Table 5**

Class of Instrument	Debt instruments - Bonds				
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
Börse Frankfurt (XFRA)	32,49	23,85	100,00	0,00	82,05
GETTEX - Market Maker Munich (MUNC)	24,58	42,82	100,00	0,00	0,04
Börse München (XMUN)	17,88	13,78	100,00	0,00	6,32
Börse Stuttgart (XSTU)	14,55	11,40	100,00	0,00	79,16
Börse Berlin (XBER)	4,40	3,93	100,00	0,00	88,78

## Professional Clients

**Table 6**

Class of Instrument	Debt instruments - Money markets 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Schweizer Boerse -SIX Swiss Exchange AG (XSWX)	100,00	100,00	0,00	100,00	0,00

## Professional Clients

**Table 7**

Class of Instrument	Interest rates derivatives - Futures and options admitted to trading on a trading venue				
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
EUREX AG (XEUR)	62,35	72,54	100,00	0,00	2,73
Osaka Sec.Ex.-Opt.+Fut. (XOSE)	25,19	0,24	100,00	0,00	0,00
Chicago Board of Trade (XCBT)	10,60	16,25	100,00	0,00	16,69
London Stock Exchange (XLON)	1,26	6,15	100,00	0,00	0,00
Montreal Exch.-Fut./Opt. (XMOD)	0,34	3,29	100,00	0,00	0,00

Professional Clients

**Table 8**

Class of Instrument	Interest rates derivatives - Swaps, forwards, and other interest rates 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

Professional Clients

**Table 9**

Class of Instrument	Credit derivatives - Futures and options admitted to trading on a trading venue				
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
null	0	0	0	0	0



Professional Clients

**Table 10**

Class of Instrument	Credit derivatives - Other credit 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Professional Clients

**Table 11**

Class of Instrument	Currency derivatives - Futures and options admitted to trading on a trading venue				
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
Globex - CME (GLBX)	99,92	99,92	100,00	0,00	3,62
New York Board of Trade (IFUS)	0,08	0,08	100,00	0,00	0,00

Professional Clients

**Table 12**

Class of Instrument	Currency derivatives - Swaps, forwards, and other 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Professional Clients

**Table 13**

Class of Instrument	Structured finance 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Börse Düsseldorf (XDUS)	75,88	52,94	100,00	0,00	44,44
Börse Frankfurt (XFRA)	24,12	47,06	100,00	0,00	12,50

## Professional Clients

**Table 14**

Class of Instrument	Equity Derivatives - Options and Futures admitted to trading on a trading venue				
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
EUREX AG (XEUR)	49,05	27,02	100,00	0,00	3,05
Globex - CME (GLBX)	22,65	6,96	100,00	0,00	18,84
Osaka Sec.Ex.-Opt.+Fut. (XOSE)	13,39	0,18	100,00	0,00	17,95
Stock Exchange of Singapore (XSES)	7,28	1,85	100,00	0,00	18,26
New York Board of Trade (IFUS)	1,47	1,33	100,00	0,00	24,67

Professional Clients

**Table 15**

Class of Instrument	Equity Derivatives - Swaps and other equity 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

## Professional Clients

**Table 16**

Class of Instrument	Securitized Derivatives - Warrants and Certificate 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Börse Stuttgart (XSTU)	58,55	56,35	100,00	0,00	94,44
Börse Frankfurt (XFRA)	32,75	34,48	100,00	0,00	97,83
Xetra (XETR)	4,00	4,54	61,83	38,17	95,19
GETTEX - Market Maker Munich (MUNC)	1,28	3,43	100,00	0,00	84,59
Schweizer Boerse -SIX Swiss Exchange AG (XSWX)	0,77	0,13	83,56	16,44	0,44

## Professional Clients

**Table 17**

Class of Instrument	Securitized Derivatives - Other 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Börse Frankfurt (XFRA)	45,55	42,82	100,00	0,00	56,47
Börse Stuttgart (XSTU)	26,48	45,09	100,00	0,00	79,33
Börse Düsseldorf (XDUS)	12,58	3,02	100,00	0,00	50,00
Börse München (XMUN)	8,22	3,02	100,00	0,00	0,00
Börse Wien (XWBO)	2,65	2,77	100,00	0,00	90,91



## Professional Clients

**Table 18**

Class of Instrument	Commodities derivatives and emission allowances Derivatives - Options and Futures admitted to trading on a trading venue				
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
New York - COMEX Div. (XCEC)	45,48	20,07	100,00	0,00	89,42
New York Board of Trade (IFUS)	36,19	55,90	100,00	0,00	97,25
New York - NYMEX Div. (XNYM)	8,75	5,64	100,00	0,00	90,91
London Stock Exchange (XLON)	5,03	13,63	100,00	0,00	65,05
Chicago Board of Trade (XCBT)	3,00	3,37	100,00	0,00	17,39

Professional Clients

**Table 19**

Class of Instrument	Commodities derivatives and emission allowances Derivatives - Other commodities derivatives and emission allowances 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null	0	0	0	0	0

Professional Clients

**Table 20**

Class of Instrument	Contracts for difference				
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
null	0	0	0	0	0

## Professional Clients

**Table 21**

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	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
Xetra (XETR)	56,37	29,90	95,37	4,63	22,86
GETTEX - Market Maker Munich (MUNC)	18,49	52,50	100,00	0,00	76,35
New York Stock Exchange (XNYS)	4,09	0,48	83,05	16,95	29,55
Archipelago (ARCX)	4,02	0,26	90,32	9,68	52,59
London Stock Exchange (XLON)	3,40	1,11	96,61	3,39	1,85

Professional Clients

**Table 22**

Class of Instrument	Emission allowances				
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
null	0	0	0	0	0

## Professional Clients

**Table 23**

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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Schweizer Boerse -SIX Swiss Exchange AG (XSWX)	79,05	11,52	89,14	10,86	9,32
Börse Frankfurt (XFRA)	7,80	26,60	100,00	0,00	96,75
Börse Stuttgart (XSTU)	3,81	15,10	100,00	0,00	91,60
Börse Berlin (XBER)	2,49	11,13	100,00	0,00	99,08
Börse München (XMUN)	2,40	2,59	100,00	0,00	91,49