# **EDB**

# **Transaction report 2018**

## **Equities - Shares & Depositary Receipts**

Class of Instrument	Liquidity Band A+B					
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
Virtu Financial Ireland Limited	549300XG5LFGN1IGYC71	43.4	95.4	25.3	74.7	100.0
1st Capital Management Group GmbH	529900ISPKUVG8HSQD34	24.2	93.6	13.2	86.8	100.0
Linear Investments Ltd.	213800GNOS9QQ31DCK54	11.8	91.8	40.8	59.2	98.7
DBS Vickers Singapore PTE Ltd.	549300O3J3YO6S614573	5.1	86.5	73.0	27.0	97.2
Kim Eng Securities HK Ltd.	254900JOZO98RSYZ3694	4.8	84.1	87.8	12.2	100.0

\*Notice: Securities with no Liquidity Band classification are in this category listed

Class of Instrument	Liquidity Band C+D					
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
Virtu Financial Ireland Limited	549300XG5LFGN1IGYC71	33.8	92.4	29.7	70.3	100.0
Linear Investments Ltd.	213800GNOS9QQ31DCK54	26.5	94.0	29.7	70.3	99.5
1st Capital Management Group GmbH	529900ISPKUVG8HSQD34	17.1	98.4	15.9	84.1	100.0
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	15.1	88.9	52.4	47.6	96.9
Marcard, Stein und Co AG	529900CK14SGH0EXOB27	3.6	100.0	0.0	100.0	100.0

1 European Depositary Bank SA 3, Rue Gabriel Lippmann, L-5365 Munsbach Phone (+352) 42 45 45-1 · Fax (+352) 42 45 69 · R.C.S. Luxembourg B 10700 · VAT Reg No/UStID-Nr. LU11805339



### **Equities - Shares & Depositary Receipts**

Class of Instrument	Liquidity Band E+F					
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	40.1	96.0	67.9	22.5	97.5
Linear Investments Ltd.	213800GNOS9QQ31DCK54	23.2	94.5	68.7	16.7	98.3
Virtu Financial Ireland Limited	549300XG5LFGN1IGYC71	15.1	98.1	48.1	11.0	97.8
Marcard, Stein und Co AG	529900CK14SGH0EXOB27	6.5	100.0	93.3	0.0	100.0
Goldman Sachs International	W22LROWP2IHZNBB6K528	6.0	100.0	100.0	0.0	100.0

#### **Debt Instruments / Bonds**

Class of Instrument	Debt instruments <397 days t	o maturity				
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
Citigroup Global Markets Ltd.	XKZZ2JZF41MRHTR1V493	32.0	100.0	0.0	100.0	100.0
J.P. Morgan Securities PLC	K6Q0W1PS1L1O4IQL9C32	22.6	100.0	0.0	100.0	100.0
Goldman Sachs International	W22LROWP2IHZNBB6K528	15.2	100.0	8.3	91.7	100.0
Norddeutsche Landesbank Girozentrale	DSNHHQ2B9X5N6OUJ1236	12.2	100.0	33.3	66.7	100.0
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	7.1	90.0	55.0	45.0	85.0



#### **Debt Instruments / Bonds**

Class of Instrument	Debt instruments>397 days to	o maturity				
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
Kommunalkreditbank Austria AG	549300IEVCBWVV97WC81	15.5	50.0	100.0	0.0	100.0
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	13.3	81.5	78.2	21.8	89.6
DZ Bank AG	529900HNOAA1KXQJUQ27	12.6	100.0	37.1	62.9	100.0
Carl Kliem S.A.	5493009FOGEUTR4HFR55	9.3	100.0	75.0	25.0	100.0
1st Capital Management Group GmbH	529900ISPKUVG8HSQD34	9.1	82.9	85.9	14.1	97.0

#### **Interest Rate Derivates**

Class of Instrument	Interest rate derivates / Future	es and options				
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	94.8	100.0	5.1	94.9	100.0
J.P. Morgan Securities PLC	K6Q0W1PS1L1O4IQL9C32	5.2	97.7	4.7	95.3	100.0



#### **Credit Derivates**

Class of Instrument	Credit Derivates					
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
-	-	-	-	-	-	-

#### **Currency Derivates**

Class of Instrument	Currency Derivates / Futures a	and Options				
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
J.P. Morgan Securities PLC	K6Q0W1PS1L1O4IQL9C32	57.4	100.0	0.0	100.0	100.0
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	42.6	100.0	0.0	100.0	100.0



#### **Currency Derivates**

Class of Instrument	Currency Derivates / Swaps,	Forwards and other Derivates				
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	l Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	97.9	100.0	0.0	100.0	100.0
Unicredit Bank AG	2ZCNRR8UK83OBTEK2170	1.1	100.0	0.0	100.0	0.0
Commerzbank AG	851WYGNLUQLFZBSYGB56	1.0	100.0	0.0	100.0	0.0

#### **Credit Derivates and Equity Derivates**

Class of Instrument	Structured Finance Instrumer	nts				
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
-	-	-	-	-	-	-



#### **Credit derivates and Equity Derivates**

Class of Instrument	Equity Derivates / Futures and	Options				
Notification if <1 average trade per	Nein					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	81.3	100.0	39.8	60.2	100.0
J.P. Morgan Securities PLC	K6Q0W1PS1L1O4IQL9C32	18.7	91.6	23.5	76.5	100.0

#### **Securitised Derivates**

Class of Instrument	Securitised Derivates					
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
-	-	-	-	-	-	-



#### **Securitised Derivates**

Class of Instrument	Warrants and Certificates					
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	22.8	93.8	43.7	56.3	65.6
Commerzbank AG	851WYGNLUQLFZBSYGB56	13.3	100.0	26.7	73.3	97.6
Unicredit Bank AG	2ZCNRR8UK83OBTEK2170	8.6	100.0	44.1	55.9	100.0
Citigroup Global Markets Europe AG	6TJCK1B7E7UTXP528Y04	8.3	100.0	50.0	50.0	96.9
Bank J.Vontobel & Co AG	529900G69W5VR3DDPW23	6.8	98.6	31.1	68.9	95.9

#### **Commodity Derivates**

Class of Instrument	Commodity derivates / Futur	es and Options				
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
-	-	-	-	-	-	-



#### **Commodity Derivates**

Kategorie des Finanzinstruments	Commodity Derivates / Othe	rs				
Angabe, ob im Vorjahr im Durch-	N/A					
schnitt <1 Handelsgeschäft pro						
Geschäftstag ausgeführt wurde						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
-	-	-	-	-	-	-

#### **Contracted for differences and Exchange Traded Products (Funds, ETF)**

Class of Instrument	Contract for Differences					
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
-	-	-	-	-	-	-



#### **Contracted for differences and Exchange Traded Products (Funds, ETF)**

Class of Instrument	Exchange traded products (Fu	inds and ETF)				
Notification if <1 average trade per						
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
Flow Traders B.V.	549300CLJI9XDH12XV51	41.5	99.5	0.5	99.5	98.5
Commerzbank AG	851WYGNLUQLFZBSYGB56	40.6	98.9	1.6	98.4	99.7
Unicredit Bank AG	2ZCNRR8UK83OBTEK2170	7.6	100.0	0.0	100.0	100.0
BNP Paribas	529900JFOPPEDUR61H13	4.3	100.0	0.0	100.0	100.0
M.M.Warburg & CO (AG & Co.)	MZI1VDH2BQLFZGLQDO60	2.5	93.3	30.6	69.4	83.7

#### **Emission Certificates**

Class of Instrument	Emission Certificates					
Notification if <1 average trade per	N/A					
business day in the previous year						
Top five execution venues ranked in	LEI	Proportion of volume traded	Proportion of orders executed	Percentage	Percentage of	Percentage
terms of trading volumes (descending		as a percentage of total in	as percentage of total in that	of passive	aggressive	of directed
order)		that class	class	orders	orders	orders
-	-	-	-	-	-	-

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