warrants and certificates
Activity

report

Issue 50 September 2015



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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext Markets
Live listings (as of 30/09/2015)	11,815	5,884	1,764	25,546	45,009
New listings	3,424	2,314	377	13,780	19,895
Value traded (in M€)	765	12.3	28.1	410	1,215
Value traded YTD (in M€)	7,301	155.3	500.4	4,514	12,471
Traded volume (in M)	334	20.2	18.8	987	1,360
Traded volume YTD (in M)	3,134	180.1	249.8	7,588	11,152
Number of trades	155,267	6,643	7,751	158,007	327,668
Number of trades YTD	1,551,361	61,532	97,266	1,445,497	3,155,656
(Source: Euronext)					

## MANAGE AGRICULTURAL PRICE VOLATILITY

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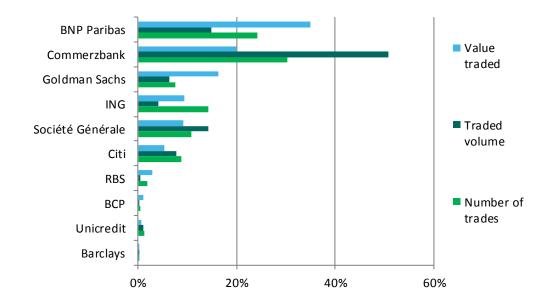
# **Euronext Markets**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per issuer, as well as the variation over the previous month and the weight of each issuer over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		N	lumber c	oftrades	
lssuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
BNP Paribas	19.3	1.7%	14%	34.9%	9.3	-6.2%	-5.9%	15.0%	3,605	-9.2%	-7.7%	24.2%
Commerzbank	11.0	-5.5%	-13%	20.0%	31.4	13%	35%	50.8%	4,515	-2.3%	1.1%	30.3%
Goldman Sachs	9.0	-34%	27%	16.2%	3.9	-23%	43%	6.3%	1,125	0.2%	41%	7.6%
ING	5.2	-21%	-32%	9.4%	2.5	-2.4%	-21%	4.1%	2,120	-15%	-20%	14.2%
Société Générale	5.1	-30%	-31%	9.3%	8.9	-26%	-13%	14.4%	1,622	-13%	-6.7%	10.9%
Citi	3.0	-16%	-39%	5.4%	4.8	-18%	-24%	7.8%	1,299	-7.3%	-16%	8.7%
RBS	1.6	-8.8%	-39%	2.9%	0.3	-8.5%	-27%	0.5%	290	-11%	-21%	1.9%
BCP	0.6	-31%	-61%	1.0%	0.0	-5.0%	-44%	0.1%	81	-28%	-62%	0.5%
Unicredit	0.4	-54%	-48%	0.8%	0.6	-70%	-38%	1.0%	190	-32%	-31%	1.3%
Barclays	0.1	-30%	-47%	0.2%	0.0	-29%	-54%	0.1%	47	35%	-26%	0.3%
Total	55.2	-15%	-15%		61.8	-5.9%	5.9%		14,894	-8.1%	-9.9%	

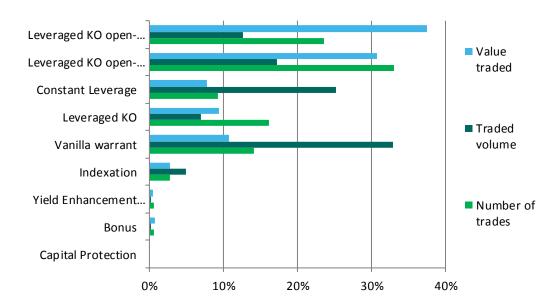


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per issuer, as well as the variation over the previous month and the weight of each issuer over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		age     on       M€)     month       20.7     -4.1%       -6.9%       17.0     -27%       -14%       4.3     -32%       -42%       5.2     7.5%				Traded	volume		Ν	lumber c	oftrades	
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Leveraged KO open-end	20.7	-4.1%	-6.9%	37.5%	7.8	-12%	-5.4%	12.6%	3,522	-14%	-15%	23.6%
Leveraged KO open-end BEST	17.0	-27%	-14%	30.7%	10.6	-10%	-12%	17.2%	4,930	-6.7%	-9.4%	33.1%
Constant Leverage	4.3	-32%	-42%	7.8%	15.6	0.2%	36%	25.3%	1,369	-14%	-14%	9.2%
Leveraged KO	5.2	7.5%	-8.0%	9.3%	4.3	7.5%	-16%	7.0%	2,403	9.3%	-0.6%	16.1%
Vanilla warrant	5.9	2.6%	-11%	10.7%	20.4	-8.6%	0.7%	32.9%	2,106	-9.3%	-4.4%	14.1%
Indexation	1.5	-31%	-43%	2.7%	3.0	1.8%	162%	4.9%	402	-17%	-22%	2.7%
Yield Enhancement & Other	0.2	-58%	-46%	0.4%	0.0	-72%	-57%	0.0%	83	-33%	-20%	0.6%
Bonus	0.4	-44%	-30%	0.8%	0.0	-50%	-35%	0.0%	79	-38%	-27%	0.5%
Capital Protection												
Total	55.2	-15%	-15%		61.8	-5.9%	5.9%		14,894	-8.1%	-9.9%	

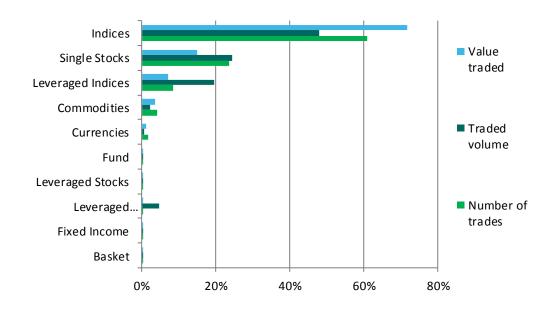


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		Ν	lumber c	ftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indices	39.7	-6.2%	3.6%	71.9%	29.6	5.9%	11%	48.0%	9,077	5.3%	2.1%	61.1%
Single Stocks	8.3	-33%	-34%	15.1%	15.1	-26%	-13%	24.5%	3,514	-24%	-19%	23.6%
Leveraged Indices	4.0	-33%	-40%	7.3%	12.2	-6.6%	22%	19.7%	1,248	-13%	-11%	8.4%
Commodities	2.1	-23%	-46%	3.7%	1.5	-9.7%	-26%	2.3%	630	-29%	-39%	4.2%
Currencies	0.7	-47%	-73%	1.3%	0.5	-23%	-58%	0.7%	277	-32%	-50%	1.9%
Fund	0.1	295%	-64%	0.2%	0.0	316%	-64%	0.0%	2	-12%	-81%	0.0%
Leveraged Stocks	0.1	-35%	-58%	0.2%	0.0	-23%	-25%	0.1%	48	-25%	-36%	0.3%
Leveraged Commodities	0.1	6.4%	-61%	0.2%	2.9	45%	179%	4.7%	34	-40%	-55%	0.2%
Fixed Income	0.1	-46%	-66%	0.1%	0.0	-56%	-66%	0.0%	27	-51%	-53%	0.2%
Basket	0.0	-21%	-41%	0.1%	0.0	-38%	-51%	0.0%	3	-33%	-52%	0.0%
Total	55.1	-15%	-15%		61.8	-5.9%	5.9%		14,861	-8.1%	-9.7%	

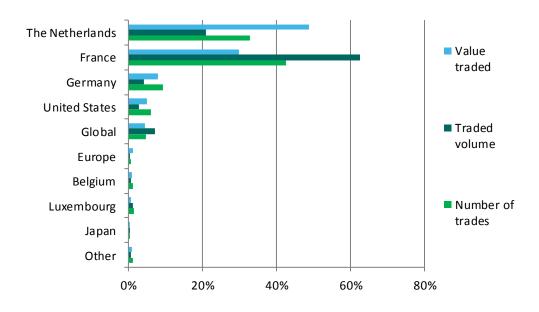


#### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market					Traded	volume		N	lumber o	oftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
The Netherlands	27.0	-11%	9.6%	48.8%	12.9	-4.3%	-0.5%	20.8%	4,901	-0.2%	-1.8%	32.9%
France	16.5	-16%	-17%	29.8%	38.6	-5.5%	11%	62.5%	6,318	-6.6%	-2.7%	42.4%
Germany	4.3	-15%	-37%	7.8%	2.6	12%	-3.0%	4.1%	1,382	1.9%	-12%	9.3%
United States	2.8	-38%	-52%	5.0%	1.8	-46%	-40%	2.9%	895	-33%	-35%	6.0%
Global	2.4	-22%	-45%	4.3%	4.4	19%	43%	7.1%	704	-30%	-40%	4.7%
Europe	0.7	10%	-49%	1.2%	0.2	-0.6%	-19%	0.3%	85	-12%	-41%	0.6%
Belgium	0.5	-24%	-21%	1.0%	0.4	-14%	-13%	0.6%	162	-28%	-22%	1.1%
Luxembourg	0.4	-40%	-50%	0.6%	0.7	-27%	3.0%	1.1%	210	-15%	-15%	1.4%
Japan	0.2	38%	-10.0%	0.4%	0.1	-24%	-9.1%	0.1%	34	-8.9%	-32%	0.2%
Other	0.5	-28%	-47%	0.9%	0.3	-36%	-53%	0.5%	195	-16%	-25%	1.3%
Total	55.2	-15%	-15%		61.8	-5.9%	5.9%		14,887	-8.1%	-9.9%	



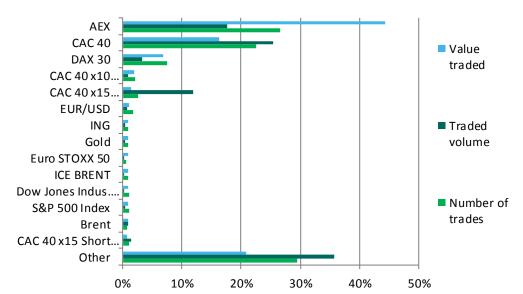
#### Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		Ν	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
AEX	24.5	-7.2%	21%	44.3%	10.9	-4.2%	1.5%	17.6%	3,959	11%	7.2%	26.6%
CAC 40	9.0	10%	10%	16.3%	15.7	19%	27%	25.4%	3,368	8.2%	11%	22.6%
DAX 30	3.7	-17%	-37%	6.8%	2.0	4.0%	-7.9%	3.3%	1,110	-2.5%	-17%	7.5%
CAC 40 x10 Leveraged Index	1.0	-18%	-27%	1.9%	0.6	106%	198%	1.0%	309	16%	63%	2.1%
CAC 40 x15 Leveraged Index	0.8	-54%	-66%	1.4%	7.3	-26%	135%	11.9%	397	-35%	-39%	2.7%
EUR/USD	0.6	-49%	-75%	1.1%	0.4	-20%	-59%	0.7%	251	-32%	-51%	1.7%
ING	0.6	-33%	-42%	1.0%	0.3	-30%	-38%	0.5%	148	-37%	-27%	1.0%
Gold	0.5	-33%	-53%	1.0%	0.3	1.2%	-0.8%	0.5%	148	-33%	-44%	1.0%
Euro STOXX 50	0.5	-4.0%	-42%	1.0%	0.1	-5.9%	-6.7%	0.2%	76	-14%	-39%	0.5%
ICE BRENT	0.5	75%	241%	1.0%	0.2	65%	145%	0.3%	130	17%	159%	0.9%
Dow Jones Indus. Avg.	0.5	-18%	-33%	1.0%	0.1	-26%	-59%	0.2%	156	-17%	-14%	1.0%
S&P 500 Index	0.5	-29%	-31%	0.9%	0.3	-45%	-28%	0.4%	153	-23%	-17%	1.0%
Brent	0.5	-45%	-66%	0.9%	0.5	-12%	-28%	0.9%	118	-52%	-67%	0.8%
CAC 40 x15 Short Index	0.4	-31%	-32%	0.7%	0.9	-40%	-75%	1.4%	169	6.2%	-15%	1.1%
Other	11.5	-31%	-36%	20.8%	22.1	-11%	-3.1%	35.8%	4,401	-23%	-20%	29.5%
Total	55.2	-15%	-15%		61.8	-5.9%	5.9%		14,894	-8.1%	-9.9%	

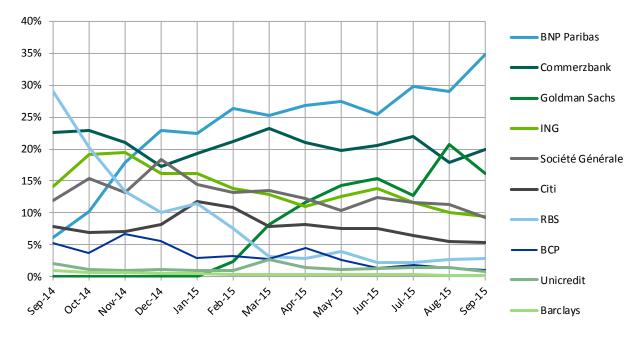




### MARKET TREND: ISSUERS

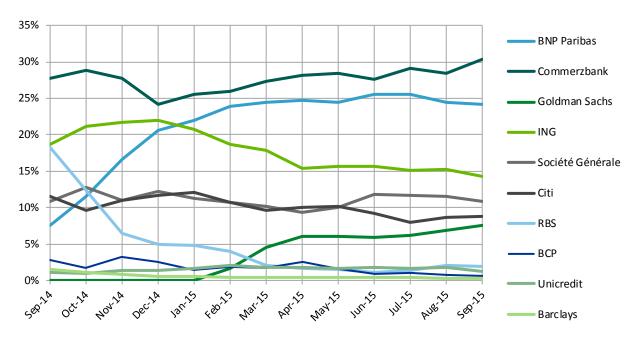
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value across all Euronext markets.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each issuer over the total traded volume across all Euronext markets.

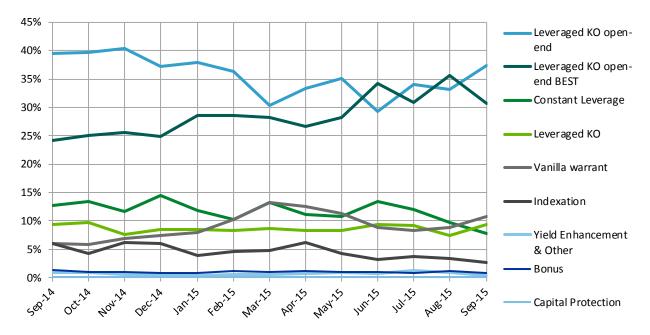


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## MARKET TREND: PRODUCT TYPES

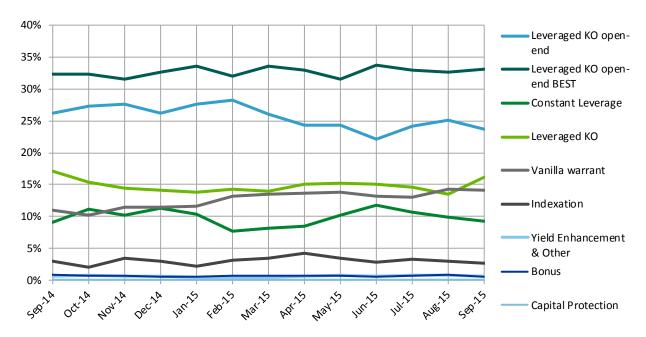
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value across all Euronext markets.



#### Number of transactions

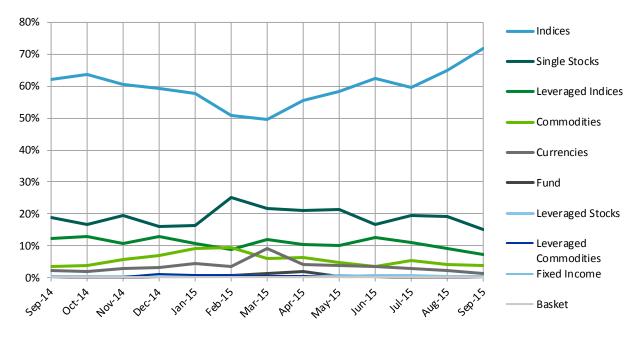
The historical graph below displays the weight of the traded volume of each product type over the total traded volume across all Euronext markets.



## MARKET TREND: UNDERLYING TYPES

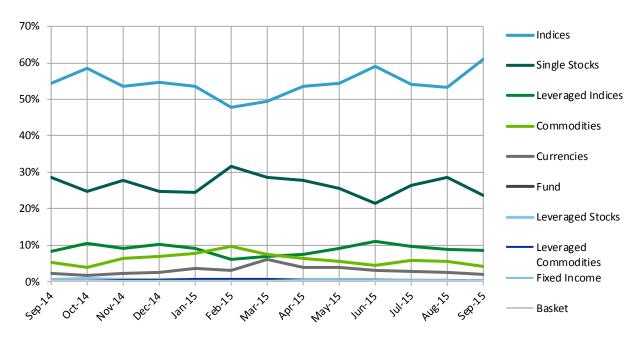
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value across all Euronext markets.



#### Number of transactions

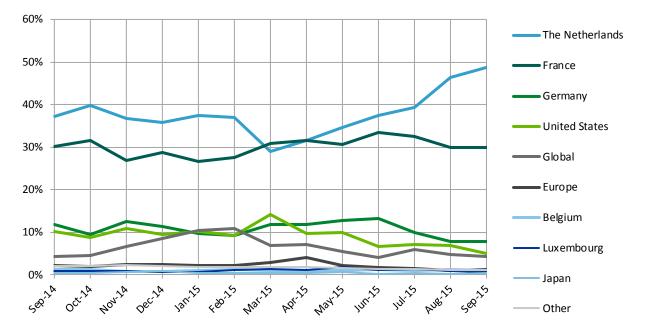
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all Euronext markets.



## MARKET TREND: UNDERLYING COUNTRIES

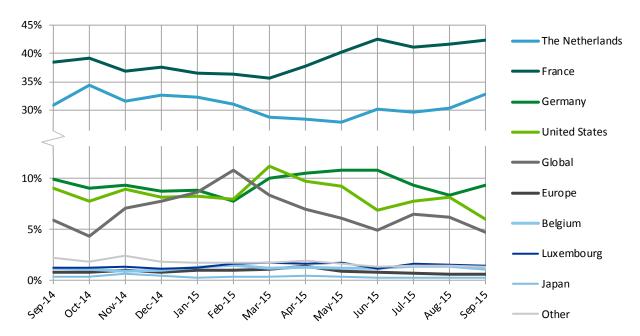
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value across all Euronext markets.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume across all Euronext markets.

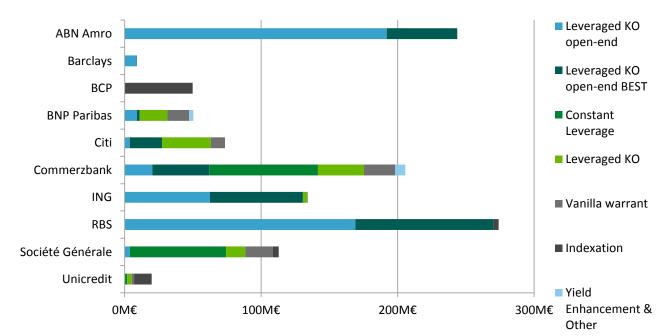


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## **ISSUER ACTIVITY**

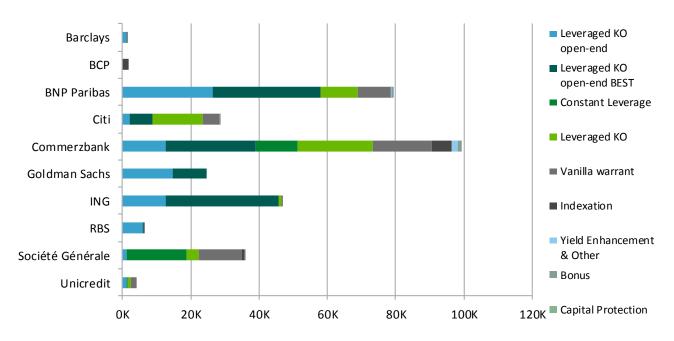
#### Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active in an Euronext market.



#### Number of transactions

The chart below displays the number of trades per product type for each issuer active in an Euronext market.

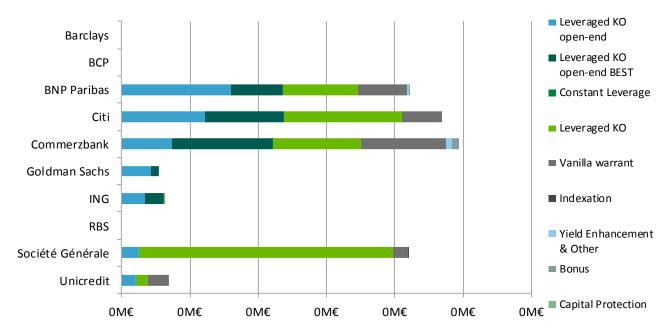


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## **ISSUER ACTIVITY: NEW LISTINGS**

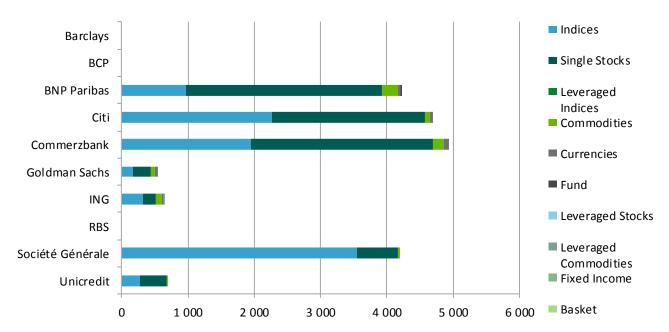
#### **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active in an Euronext market.



#### **Underlying types**

The chart below displays the number of new product listings during the month per underlying type for each issuer active in an Euronext market.

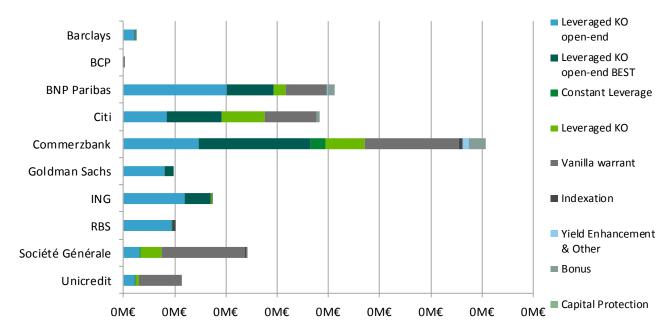


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## **ISSUER ACTIVITY: PRODUCT RANGE**

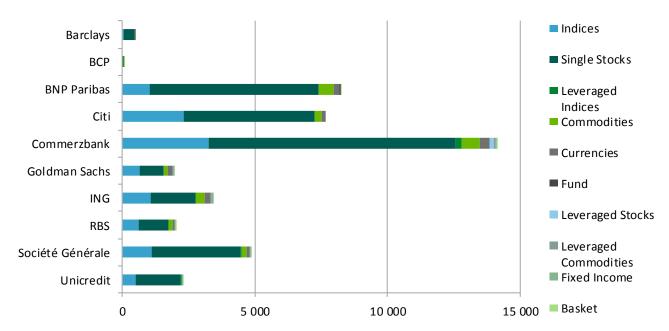
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active in an Euronext market.



#### **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active in an Euronext market.



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#### Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) across all Euronext markets.

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded (in K€)
AJ56B	NL0010891586	Leveraged KO open-end	BNP Paribas	AEX 378TL OPENB	238	49,420
DQ42B	NL0011262423	Leveraged KO open-end	BNP Paribas	AEX 515TS OPENB	68	37,767
1285H	NL0011202423	Leveraged KO open-end BEST	Goldman Sachs	AEX 405.5TRLOPENH	379	24,047
6998S	FR0011214527	0 1	Société Générale	CAC10 PLOPENS	5,676	24,047
BF80B		Constant Leverage			-	16,120
	NL0010913828	Leveraged KO open-end BEST	BNP Paribas	AEX 404.1BL OPENB	937 91	10,120
4884H	NL0011243167	Leveraged KO open-end BEST	Goldman Sachs	AEX 457.TRSOPENH CACF LEVOPENZ		
LR15Z	FR0012928109	Constant Leverage	Commerzbank		5,014	10,791
5214H	NL0011405501	Leveraged KO open-end BEST	Goldman Sachs	AEX 425.7TRLOPENH	127	10,571
EB55B	NL0011270830	Leveraged KO open-end	BNP Paribas	AEX 417TL OPENB	407	10,232
EB57B	NL0011270848	Leveraged KO open-end	BNP Paribas	AEX 419TL OPENB	512	9,849
ST15Z	DE000CR5UQS1	Pure indexation	Commerzbank	CACF PI OPENZ	4,233	8,559
4861H	NL0011242938	Leveraged KO open-end	Goldman Sachs	AEX 460.2TS OPENH	905	8,544
7731S	FR0010961078	Constant Leverage	Société Générale	CAC5L PI OPENS	1,120	7,365
1286H	NL0011037098	Leveraged KO open-end BEST	Goldman Sachs	AEX 401.5TRLOPENH	202	7,222
6J89Z	DE000CR7LC27	Vanilla warrant	Commerzbank	CAC40 4700P 0915Z	140	7,141
BK94B	NL0010918967	Leveraged KO open-end	BNP Paribas	AEX 408TL OPENB	555	6,368
BE93B	NL0010912952	Leveraged KO open-end	BNP Paribas	AEX 405TL OPENB	244	6,199
CS18S	FR0012496529	Constant Leverage	Société Générale	.CA15 PI OPENS	3,061	6,012
DY85B	NL0011269485	Leveraged KO open-end BEST	BNP Paribas	AEX 477.5BS OPENB	269	5,738
C15LS	FR0012937415	Constant Leverage	Société Générale	C15LV PI OPENS	1,928	5,510
EP93B	NL0011430962	Leveraged KO open-end BEST	BNP Paribas	AEX 442.8BS OPENB	1,123	5,307
EB49B	NL0011270806	Leveraged KO open-end	BNP Paribas	AEX 409TL OPENB	246	5,144
EA09B	NL0011270103	Leveraged KO open-end BEST	BNP Paribas	AEX 453.2BS OPENB	943	4,866
DZ63B	NL0011269873	Leveraged KO open-end BEST	BNP Paribas	AEX 420.2BL OPENB	1,229	4,746
5010H	NL0011244421	Leveraged KO open-end BEST	Goldman Sachs	AEX 422.7TRLOPENH	182	4,674
DZ61B	NL0011269865	Leveraged KO open-end BEST	BNP Paribas	AEX 416.2BL OPENB	1,664	4,566
BE94B	NL0010912960	Leveraged KO open-end	<b>BNP</b> Paribas	AEX 406TL OPENB	619	4,368
BF81B	NL0010913836	Leveraged KO open-end BEST	BNP Paribas	AEX 405.1BL OPENB	641	4,309
CS16S	FR0012496495	Constant Leverage	Société Générale	CA10S PI OPENS	998	4,270
5212H	NL0011405485	Leveraged KO open-end BEST	Goldman Sachs	AEX 427.7TRLOPENH	158	4,212
1L14Z	DE000CN1F9L5	Vanilla warrant	Commerzbank	CAC40 4500P 1015Z	173	3,996
DZ55B	NL0011269832	Leveraged KO open-end BEST	BNP Paribas	AEX 404.2BL OPENB	1,171	3,986
EA89B	NL0011270509	Leveraged KO open-end	BNP Paribas	BRENT 45.7TL OPENB	361	3,928
4960H	NL0011243928	Leveraged KO open-end	Goldman Sachs	AEX 422.5TL OPENH	753	3,911
ST12Z	DE000CN1ECC2	Constant Leverage	Commerzbank	CACF SHTOPENZ	797	3,867
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	484	3,852
EB53B	NL0011270822	Leveraged KO open-end	BNP Paribas	AEX 415TL OPENB	302	3,760
5211H	NL0011270822 NL0011405477	Leveraged KO open-end BEST	Goldman Sachs	AEX 428.7TRLOPENH	408	3,598
4397Z	DE000CN4Y947	Leveraged KO open-end BLST	Commerzbank	DAX 8500TL 0316Z	23	3,497
43972 EB59B	NL0011270855	Leveraged KO open-end	BNP Paribas	AEX 423TL OPENB	256	3,352
1X94Z	DE000CN1G4T8	Vanilla warrant	Commerzbank	CAC40 4800C 1015Z	592	3,314
3562Z	DE000CN1JFV4	Leveraged KO	Commerzbank	CAC40 4000TL 1215Z	247	3,096
2398H	NL0011048210	Leveraged KO open-end BEST	Goldman Sachs	DAX 17551TRSOPENH	3	3,031
3012Z	DE000CN1J3B5	Vanilla warrant	Commerzbank	CAC40 4550P 1015Z	92	2,986
5421H	NL0011407572	Leveraged KO open-end	Goldman Sachs	AEX 441.9TS OPENH	457	2,894
5030H	NL0011244629	Leveraged KO open-end BEST	Goldman Sachs	AEX 402.7TRLOPENH	93	2,873
3U33Z	DE000CK9PVS0	Constant Leverage	Commerzbank	L5DJI PI OPENZ	47	2,824
EV52B	NL0011433750	Leveraged KO open-end BEST	BNP Paribas	AEX 426.4BS OPENB	686	2,819
X776B	NL0010788600	Vanilla warrant	BNP Paribas	PWLDT108.7C 0925B	42	2,791
4860H	NL0011242920	Leveraged KO open-end	Goldman Sachs	AEX 462.2TS OPENH	299	2,719



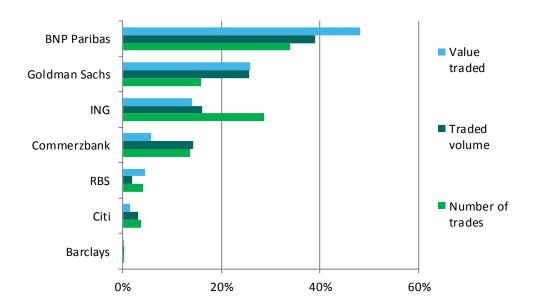
## **Euronext Amsterdam**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	/olume		N	lumber c	oftrades	
lssuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
BNP Paribas	16.7	2.7%	25%	48.1%	5.9	-2.3%	4.8%	39.0%	2,394	-12%	-9.7%	33.9%
Goldman Sachs	9.0	-34%	27%	25.8%	3.9	-23%	43%	25.6%	1,125	0.2%	41%	15.9%
ING	4.9	-21%	-33%	14.1%	2.4	-2.3%	-22%	16.1%	2,031	-15%	-21%	28.8%
Commerzbank	2.0	-23%	-21%	5.8%	2.2	12%	0.1%	14.2%	964	6.0%	15%	13.7%
RBS	1.6	-7.2%	-38%	4.6%	0.3	-8.1%	-26%	2.0%	287	-11%	-20%	4.1%
Citi	0.5	-24%	-66%	1.5%	0.5	-17%	-54%	3.1%	257	-11%	-38%	3.6%
Barclays	0.0	28%	-38%	0.0%	0.0	43%	-43%	0.0%	0	-4.5%	-21%	0.0%
Total	34.8	-15%	-9.0%		15.2	-7.7%	-7.4%		7,058	-8.8%	-13%	

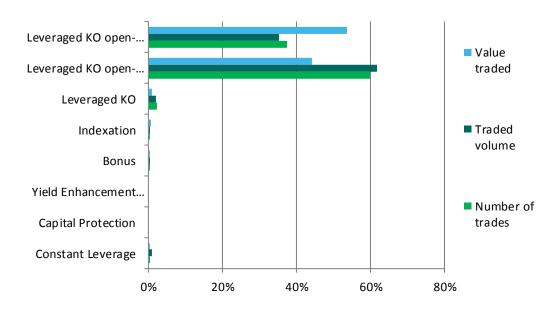


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	olume		N	lumber c	oftrades	
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Leveraged KO open-end	18.7	-1.4%	-4.1%	53.7%	5.4	-6.0%	-3.6%	35.4%	2,649	-13%	-16%	37.5%
Leveraged KO open-end BEST	15.4	-27%	-13%	44.2%	9.4	-8.0%	-7.0%	61.7%	4,225	-5.9%	-10%	59.9%
Leveraged KO	0.4	-37%	-53%	1.0%	0.3	-22%	-53%	2.0%	153	-8.7%	-34%	2.2%
Indexation	0.2	39%	-17%	0.5%	0.0	-36%	-58%	0.0%	12	-29%	-42%	0.2%
Bonus	0.2	-40%	29%	0.5%	0.0	-57%	-15%	0.0%	10	-51%	-2.3%	0.1%
Yield Enhancement & Other			-100%				-100%				-100%	
Capital Protection												
Constant Leverage	0.0	-70%	-55%	0.0%	0.1	-11%	30%	0.9%	8	-53%	-16%	0.1%
Total	34.8	-15%	-9.0%		15.2	-7.7%	-7.4%		7,058	-8.8%	-13%	

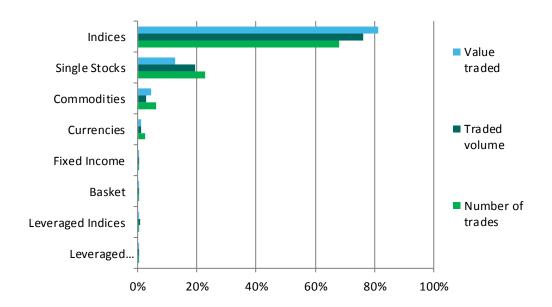


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded v	volume		Ν	lumber o	ftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indices	28.2	-10%	7.7%	81.3%	11.6	-6.6%	-2.1%	76.2%	4,778	3.3%	-0.2%	67.9%
Single Stocks	4.4	-32%	-37%	12.7%	2.9	-7.4%	-14%	19.3%	1,608	-25%	-24%	22.9%
Commodities	1.5	-20%	-46%	4.4%	0.4	-18%	-31%	2.7%	435	-28%	-40%	6.2%
Currencies	0.4	-56%	-75%	1.3%	0.2	-47%	-68%	1.0%	181	-35%	-53%	2.6%
Fixed Income	0.0	-44%	-68%	0.1%	0.0	-48%	-69%	0.1%	20	-52%	-55%	0.3%
Basket	0.0	-29%	-46%	0.1%	0.0	-39%	-51%	0.0%	3	-40%	-56%	0.0%
Leveraged Indices	0.0	-65%	-49%	0.0%	0.1	14%	39%	0.8%	7	-56%	-19%	0.1%
Leveraged Commodities	0.0	7.1%	359%	0.0%	0.0	-4.5%	334%	0.0%	0	-4.5%	334%	0.0%
Total	34.7	-15%	-8.8%		15.2	-7.7%	-7.4%		7,032	-8.8%	-13%	

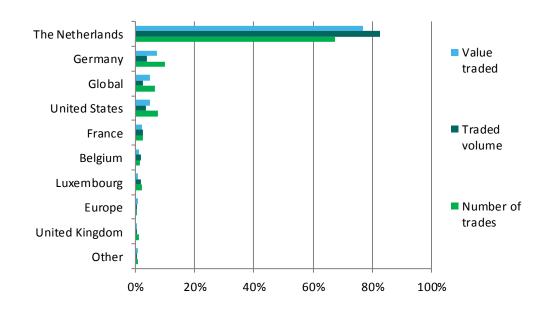


#### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Marke					Traded	volume		N	lumber c	oftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
The Netherlands	26.7	-11%	10%	76.8%	12.6	-3.7%	0.9%	82.7%	4,751	-0.6%	-1.8%	67.3%
Germany	2.5	-29%	-42%	7.1%	0.6	-29%	-42%	3.7%	693	-6.9%	-21%	9.8%
Global	1.7	-20%	-44%	4.9%	0.4	-22%	-34%	2.6%	462	-29%	-39%	6.5%
United States	1.7	-46%	-56%	4.8%	0.5	-52%	-59%	3.4%	547	-36%	-39%	7.7%
France	0.8	-5.7%	-5.7%	2.2%	0.4	43%	20%	2.4%	166	-12%	-22%	2.4%
Belgium	0.4	-20%	-18%	1.2%	0.3	16%	2.0%	1.7%	105	-22%	-20%	1.5%
Luxembourg	0.3	-33%	-51%	0.9%	0.3	-3.7%	16%	2.0%	156	-15%	-19%	2.2%
Europe	0.3	14%	-22%	0.8%	0.1	8.3%	-21%	0.5%	37	-7.0%	-26%	0.5%
United Kingdom	0.2	-24%	-13%	0.5%	0.1	-16%	11%	0.5%	74	-20%	8.2%	1.0%
Other	0.3	37%	-20%	0.8%	0.1	-31%	-54%	0.4%	67	-17%	-31%	1.0%
Total	34.8	-15%	-9.0%		15.2	-7.7%	-7.4%		7,058	-8.8%	-13%	



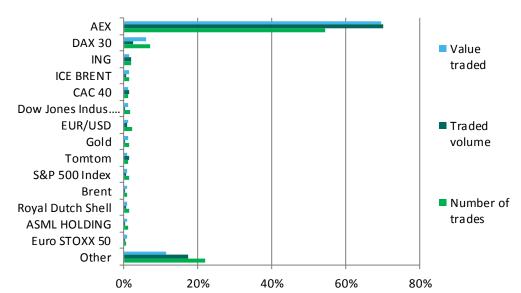
#### Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		Ν	lumber c	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
AEX	24.2	-7.3%	21%	69.7%	10.7	-4.3%	2.9%	70.3%	3,841	10%	7.5%	54.4%
DAX 30	2.1	-34%	-46%	6.0%	0.4	-42%	-51%	2.5%	511	-16%	-30%	7.2%
ING	0.5	-33%	-42%	1.6%	0.3	-30%	-37%	1.9%	145	-37%	-27%	2.1%
ICE BRENT	0.5	116%	278%	1.3%	0.1	183%	291%	0.7%	97	23%	167%	1.4%
CAC 40	0.5	33%	15%	1.3%	0.2	92%	59%	1.3%	81	-13%	-7.1%	1.1%
Dow Jones Indus. Avg.	0.4	-16%	-25%	1.2%	0.1	-25%	-47%	0.4%	113	-13%	-0.2%	1.6%
EUR/USD	0.4	-59%	-77%	1.1%	0.1	-49%	-69%	0.9%	162	-36%	-54%	2.3%
Gold	0.4	-43%	-60%	1.1%	0.1	-41%	-50%	0.5%	106	-36%	-47%	1.5%
Tomtom	0.3	-3.6%	-13%	1.0%	0.2	24%	-1.4%	1.6%	78	-27%	-24%	1.1%
S&P 500 Index	0.3	-32%	-26%	0.9%	0.1	-55%	-53%	0.6%	97	-26%	-5.6%	1.4%
Brent	0.3	-44%	-69%	0.9%	0.0	-62%	-75%	0.3%	63	-52%	-72%	0.9%
Royal Dutch Shell	0.3	13%	-4.2%	0.9%	0.1	45%	18%	0.7%	99	42%	21%	1.4%
ASML HOLDING	0.3	-47%	-46%	0.8%	0.0	-48%	-39%	0.3%	77	-47%	-33%	1.1%
Euro STOXX 50	0.3	14%	-22%	0.8%	0.1	8.3%	-21%	0.5%	37	-6.9%	-26%	0.5%
Other	3.9	-33%	-41%	11.3%	2.6	-8.2%	-13%	17.4%	1,551	-25%	-28%	22.0%
Total	34.8	-15%	-9.0%		15.2	-7.7%	-7.4%		7,058	-8.8%	-13%	

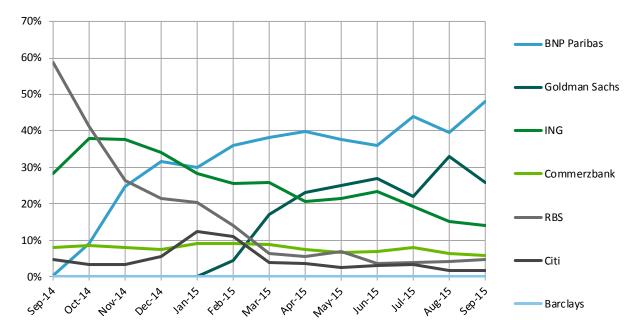




### MARKET TREND: ISSUERS

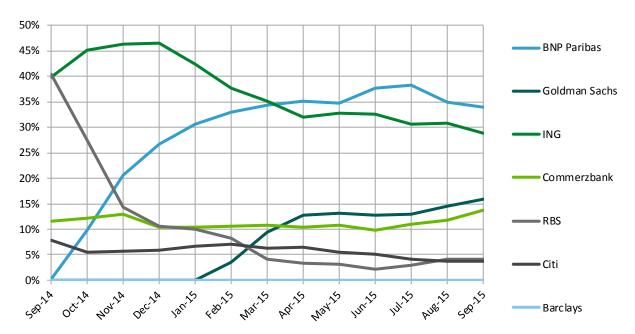
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Amsterdam.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Amsterdam.

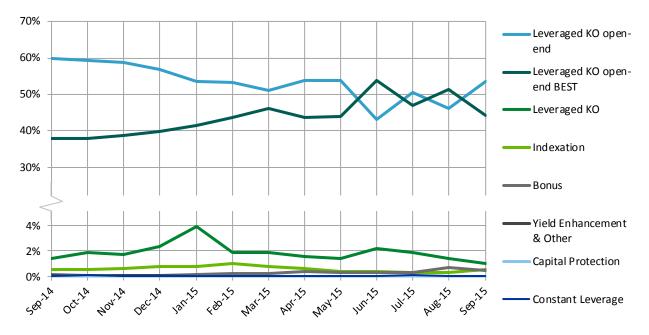


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## MARKET TREND: PRODUCT TYPES

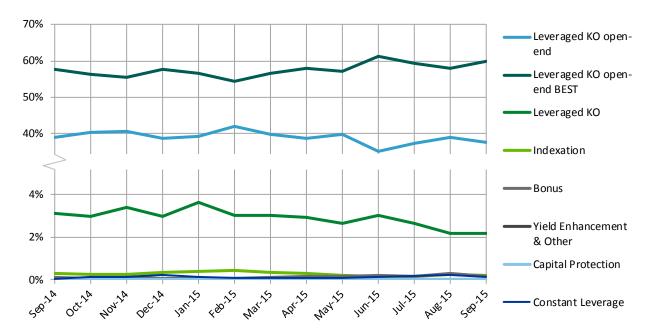
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Amsterdam.



#### Number of transactions

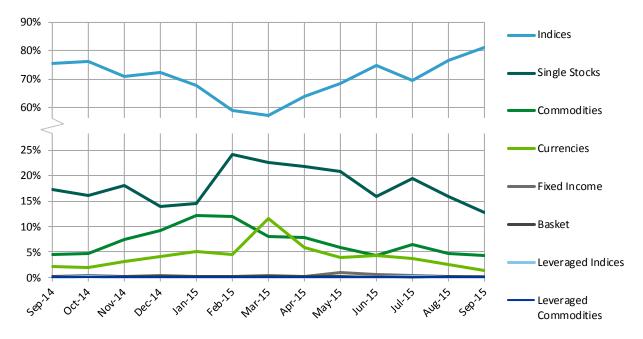
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Amsterdam.



## MARKET TREND: UNDERLYING TYPES

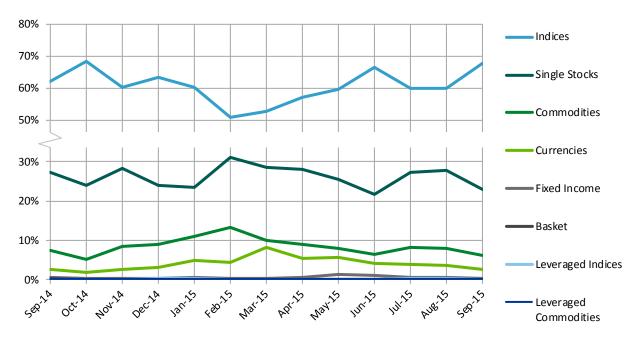
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Amsterdam.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Amsterdam.

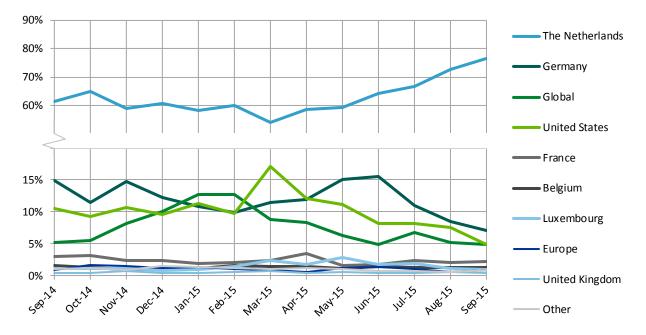


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## MARKET TREND: UNDERLYING COUNTRIES

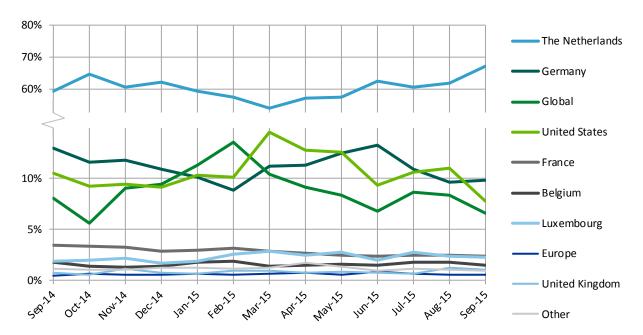
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on Euronext Amsterdam.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Amsterdam.

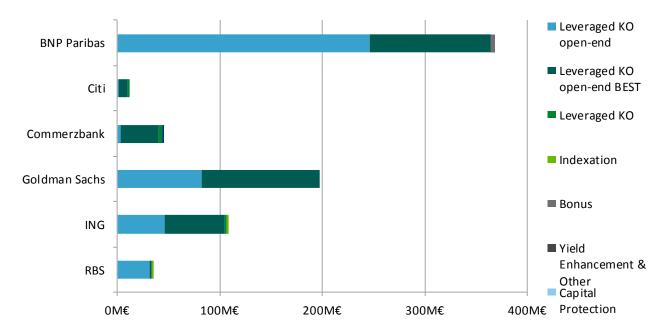


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## **ISSUER ACTIVITY**

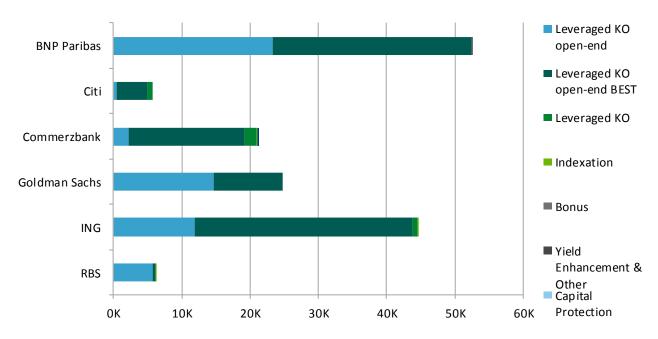
#### Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active in an Euronext market.



#### Number of transactions

The chart below displays the number of trades per product type for each issuer active in an Euronext market.

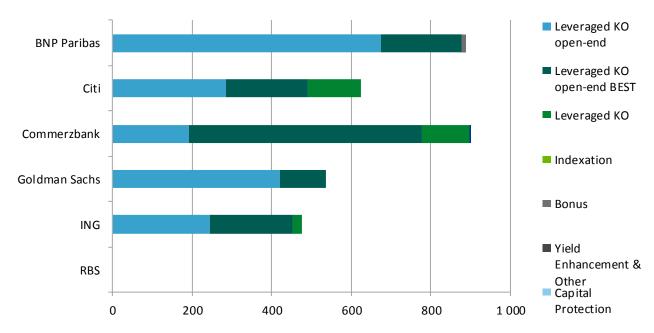


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## **ISSUER ACTIVITY: NEW LISTINGS**

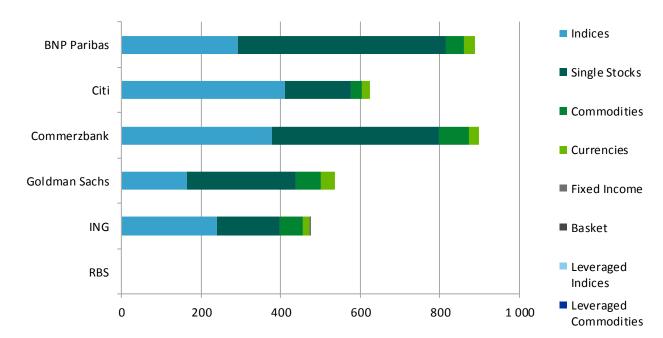
#### **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active in an Euronext market.



#### **Underlying types**

The chart below displays the number of new product listings during the month per underlying type for each issuer active in an Euronext market.

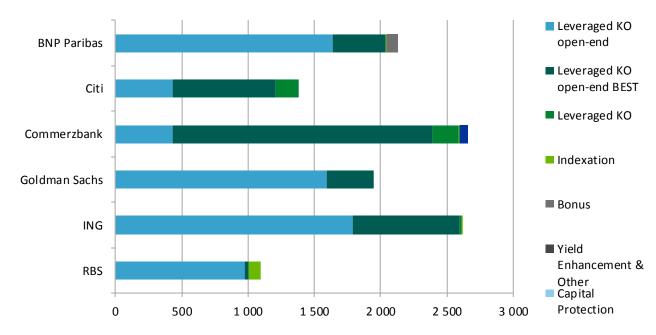


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## ISSUER ACTIVITY: PRODUCT RANGE

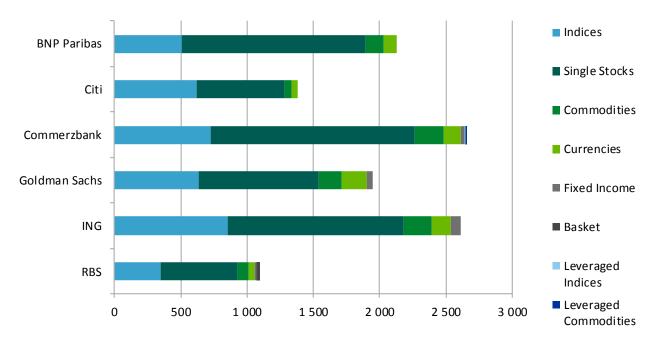
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active in an Euronext market.



#### **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active in an Euronext market.



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#### Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euronext Amsterdam.

Trading		Product type	lacuar	Namo	Number of	Value
symbol	ISIN Code	Product type	lssuer	Name	trades	traded
ALECD	NI 0010801586	Loveraged KO energed	PND Paribas		220	(in K€)
AJ56B	NL0010891586	Leveraged KO open-end	BNP Paribas	AEX 378TL OPENB	238	49,420
DQ42B	NL0011262423	Leveraged KO open-end	BNP Paribas	AEX 515TS OPENB	68	37,767
1285H	NL0011037080	Leveraged KO open-end BEST	Goldman Sachs	AEX 405.5TRLOPENH	379	24,047
BF80B	NL0010913828	Leveraged KO open-end BEST	BNP Paribas	AEX 404.1BL OPENB	937	16,120
4884H	NL0011243167	Leveraged KO open-end BEST	Goldman Sachs	AEX 457.TRSOPENH	91 127	12,675
5214H	NL0011405501	Leveraged KO open-end BEST	Goldman Sachs	AEX 425.7TRLOPENH	127	10,571
EB55B	NL0011270830	Leveraged KO open-end	BNP Paribas	AEX 417TL OPENB	407	10,232
EB57B	NL0011270848	Leveraged KO open-end	BNP Paribas	AEX 419TL OPENB	512	9,849
4861H	NL0011242938	Leveraged KO open-end	Goldman Sachs	AEX 460.2TS OPENH	905	8,544
1286H	NL0011037098	Leveraged KO open-end BEST	Goldman Sachs	AEX 401.5TRLOPENH	202	7,222
BK94B	NL0010918967	Leveraged KO open-end	BNP Paribas	AEX 408TL OPENB	555	6,368
BE93B	NL0010912952	Leveraged KO open-end	BNP Paribas	AEX 405TL OPENB	244	6,199
DY85B	NL0011269485	Leveraged KO open-end BEST	BNP Paribas	AEX 477.5BS OPENB	269	5,738
EP93B	NL0011430962	Leveraged KO open-end BEST	BNP Paribas	AEX 442.8BS OPENB	1,123	5,307
EB49B	NL0011270806	Leveraged KO open-end	BNP Paribas	AEX 409TL OPENB	246	5,144
EA09B	NL0011270103	Leveraged KO open-end BEST	BNP Paribas	AEX 453.2BS OPENB	943	4,866
DZ63B	NL0011269873	Leveraged KO open-end BEST	BNP Paribas	AEX 420.2BL OPENB	1,229	4,746
5010H	NL0011244421	Leveraged KO open-end BEST	Goldman Sachs	AEX 422.7TRLOPENH	182	4,674
DZ61B	NL0011269865	Leveraged KO open-end BEST	BNP Paribas	AEX 416.2BL OPENB	1,664	4,566
BE94B	NL0010912960	Leveraged KO open-end	BNP Paribas	AEX 406TL OPENB	619	4,368
BF81B	NL0010913836	Leveraged KO open-end BEST	BNP Paribas	AEX 405.1BL OPENB	641	4,309
5212H	NL0011405485	Leveraged KO open-end BEST	Goldman Sachs	AEX 427.7TRLOPENH	158	4,212
DZ55B	NL0011269832	Leveraged KO open-end BEST	BNP Paribas	AEX 404.2BL OPENB	1,171	3,986
EA89B	NL0011270509	Leveraged KO open-end	BNP Paribas	BRENT 45.7TL OPENB	361	3,928
4960H	NL0011243928	Leveraged KO open-end	Goldman Sachs	AEX 422.5TL OPENH	753	3,911
EB53B	NL0011270822	Leveraged KO open-end	BNP Paribas	AEX 415TL OPENB	302	3,760
5211H	NL0011405477	Leveraged KO open-end BEST	Goldman Sachs	AEX 428.7TRLOPENH	408	3,598
EB59B	NL0011270855	Leveraged KO open-end	BNP Paribas	AEX 423TL OPENB	256	3,352
2398H	NL0011048210	Leveraged KO open-end BEST	Goldman Sachs	DAX 17551TRSOPENH	3	3,031
5421H	NL0011407572	Leveraged KO open-end	Goldman Sachs	AEX 441.9TS OPENH	457	2,894
5030H	NL0011244629	Leveraged KO open-end BEST	Goldman Sachs	AEX 402.7TRLOPENH	93	2,873
EV52B	NL0011433750	Leveraged KO open-end BEST	BNP Paribas	AEX 426.4BS OPENB	686	2,819
4860H	NL0011242920	Leveraged KO open-end	Goldman Sachs	AEX 462.2TS OPENH	299	2,719
EB51B	NL0011270814	Leveraged KO open-end	BNP Paribas	AEX 411TL OPENB	157	2,608
DZ17B	NL0011269642	Leveraged KO open-end	BNP Paribas	AEX 473TS OPENB	422	2,601
DZ69B	NL0011269907	Leveraged KO open-end BEST	BNP Paribas	AEX 428.2BL OPENB	1,279	2,567
EL57B	NL0011428784	Leveraged KO open-end BEST	BNP Paribas	AEX 429.3BL OPENB	627	2,557
EA19B	NL0011270152	Leveraged KO open-end BEST	BNP Paribas	AEX 467.2BS OPENB	71	2,550
4961H	NL0011243936	Leveraged KO open-end	Goldman Sachs	AEX 421.5TL OPENH	421	2,478
EC11B	NL0011271119	Leveraged KO open-end	BNP Paribas	CAC40 4490TL OPENB	87	2,379
4886H	NL0011243183	Leveraged KO open-end BEST	Goldman Sachs	AEX 453.TRSOPENH	305	2,366
5194H	NL0011405303	Leveraged KO open-end	Goldman Sachs	AEX 429.5TL OPENH	408	2,241
EC09B	NL0011271101	Leveraged KO open-end	BNP Paribas	CAC40 4390TL OPENB	68	2,184
5213H	NL0011405493	Leveraged KO open-end BEST	Goldman Sachs	AEX 426.7TRLOPENH	111	2,137
Z756G	NL0010829602	Leveraged KO open-end	ING	AEX 368SPLOPENG	289	2,116
0099N	NL0010122784	Leveraged KO open-end	RBS	SHELL 23.8TL OPENN	193	2,104
BE92B	NL0010912945	Leveraged KO open-end	BNP Paribas	AEX 404TL OPENB	398	2,091
5415H	NL0011407515	Leveraged KO open-end BEST	Goldman Sachs	AEX 442.3TRSOPENH	350	2,039
DZ65B	NL0011269881	Leveraged KO open-end BEST	BNP Paribas	AEX 424.2BL OPENB	815	2,035
BE89B	NL0010912911 Ironext)	Leveraged KO open-end	BNP Paribas	AEX 401TL OPENB	218	2,011



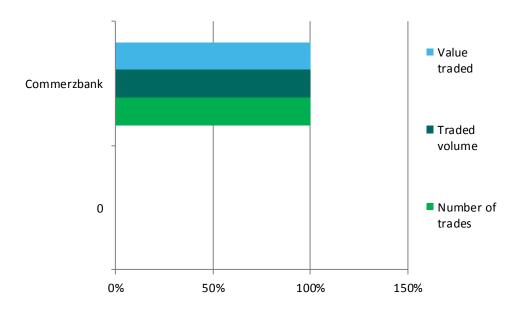
## **Euronext Brussels**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded				Traded volume				Number of trades			
lssuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Commerzbank	559.2	-15%	-31%	100.0%	920.2	-10%	-2.4%	100.0%	302	-2.3%	-6.3%	100.0%
Total	559.2	-15%	-31%		920.2	-10%	-2.4%		302	-2.3%	-6.3%	

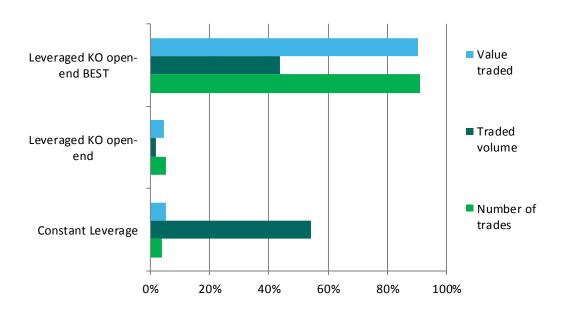


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded				Traded volume				Number of trades			
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Leveraged KO open-end BEST	505.0	-12%	-29%	90.3%	403.8	-21%	-30%	43.9%	275	2.8%	-1.6%	90.9%
Leveraged KO open-end	24.8	-56%	-57%	4.4%	18.0	-70%	-64%	2.0%	16	-36%	-30%	5.2%
Constant Leverage	29.4	-2.9%	-40%	5.3%	498.4	9.3%	60%	54.2%	12	-34%	-44%	3.9%
Total	559.2	-15%	-31%		920.2	-10%	-2.4%		302	-2.4%	-6.3%	

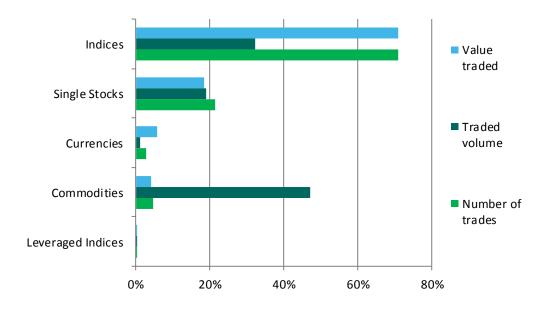


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

	Value traded				Traded volume				Number of trades			
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Indices	397.4	0.8%	-28%	71.1%	298.0	-0.3%	-33%	32.4%	214	28%	5.6%	70.8%
Single Stocks	104.1	-53%	-30%	18.6%	174.9	-51%	0.4%	19.0%	65	-41%	-9.8%	21.4%
Currencies	31.9	273%	-24%	5.7%	11.1	234%	-42%	1.2%	9	33%	-50%	2.9%
Commodities	23.6	-33%	-67%	4.2%	434.2	19%	43%	47.2%	14	-47%	-54%	4.6%
Leveraged Indices	1.8	56%	-19%	0.3%	1.8	ND	189%	0.2%	1	30%	49%	0.3%
Total	559.2	-15%	-31%		920.2	-10%	-2.4%		302	-2.4%	-6.3%	

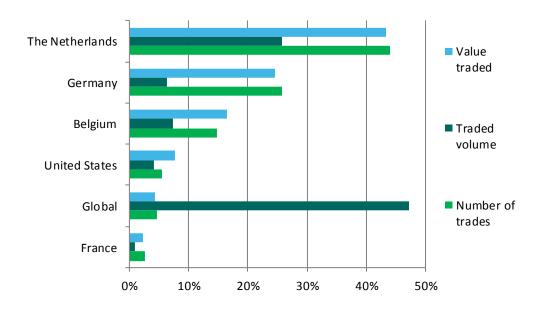


### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market					Traded v	volume		N	lumber c	oftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
The Netherlands	241.5	3.5%	-27%	43.3%	237.1	-13%	-37%	25.8%	133	22%	3.6%	44.0%
Germany	137.4	-3.1%	-31%	24.6%	57.5	7.2%	-17%	6.3%	78	34%	20%	25.8%
Belgium	91.8	-45%	-31%	16.4%	68.1	-55%	-37%	7.4%	45	-44%	-28%	14.7%
United States	43.1	140%	-8.8%	7.7%	38.1	64%	28%	4.1%	16	38%	-21%	5.5%
Global	23.6	-34%	-67%	4.2%	434.2	18%	43%	47.3%	14	-48%	-54%	4.6%
France	12.2	-28%	-36%	2.2%	9.0	-20%	-60%	1.0%	8	-42%	-30%	2.7%
Other	8.6	-83%	-26%	1.5%	74.8	-48%	109%	8.1%	8	-24%	86%	2.8%
Total	558.3	-16%	-31%		918.7	-10%	-3%		302	-2.5%	-6%	

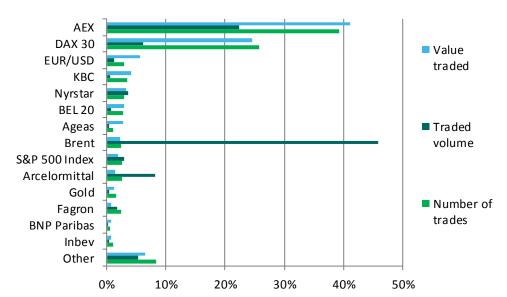


### Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

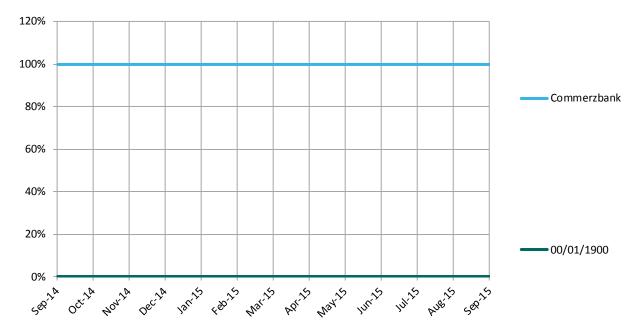
		Value t	raded			Traded	volume		Ν	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
AEX	230.0	8.9%	-28%	41.1%	206.5	-1.4%	-41%	22.4%	119	36%	-1.2%	39.3%
DAX 30	137.0	-3.4%	-31%	24.5%	57.2	6.8%	-17%	6.2%	78	34%	20%	25.7%
EUR/USD	31.9	273%	-24%	5.7%	11.1	234%	-42%	1.2%	9	33%	-50%	2.9%
КВС	22.8	-9.4%	-3.7%	4.1%	4.6	2.8%	4.8%	0.5%	10	-26%	7.5%	3.4%
Nyrstar	18.2	-47%	11%	3.2%	34.0	-49%	28%	3.7%	9	-50%	14%	3.0%
BEL 20	16.6	-45%	-30%	3.0%	6.8	-54%	-41%	0.7%	8	-43%	-35%	2.7%
Ageas	15.6	-42%	-6.8%	2.8%	3.1	-53%	-29%	0.3%	3	-53%	-19%	1.1%
Brent	12.5	2.0%	-69%	2.2%	422.8	29%	61%	45.9%	7	-34%	-58%	2.5%
S&P 500 Index	11.2	34%	138%	2.0%	27.0	37%	156%	2.9%	8	60%	154%	2.5%
Arcelormittal	7.7	-84%	-24%	1.4%	74.6	-48%	113%	8.1%	8	-28%	86%	2.6%
Gold	7.1	-57%	-60%	1.3%	3.5	-40%	-34%	0.4%	5	-51%	-39%	1.7%
Fagron	4.4	-60%	156%	0.8%	16.2	-49%	204%	1.8%	8	-36%	249%	2.5%
BNP Paribas	4.3	35%	52%	0.8%	0.7	58%	88%	0.1%	2	-18%	14%	0.6%
Inbev	4.1	14%	-42%	0.7%	3.9	74%	-5.1%	0.4%	3	53%	-2.8%	1.0%
Other	35.9	-55%	-60%	6.4%	48.2	-64%	-64%	5.2%	25	-51%	-44%	8.4%
Total	559.2	-15%	-31%		920.2	-10%	-2.4%		302	-2.4%	-6.3%	



### MARKET TREND: ISSUERS

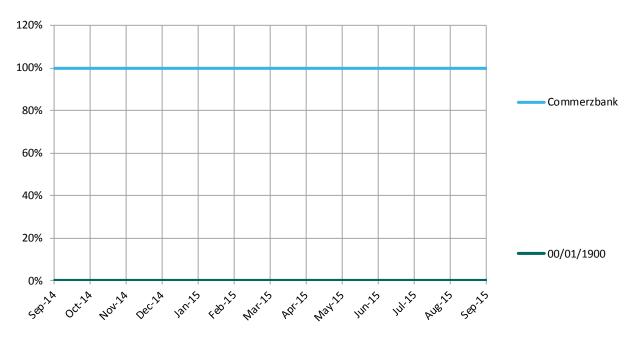
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Brussels.



### Number of transactions

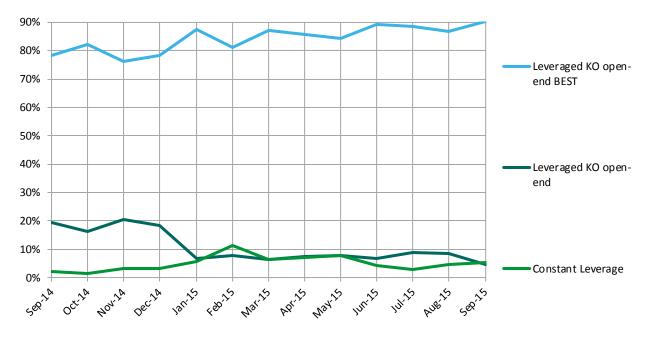
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Brussels.



# MARKET TREND: PRODUCT TYPES

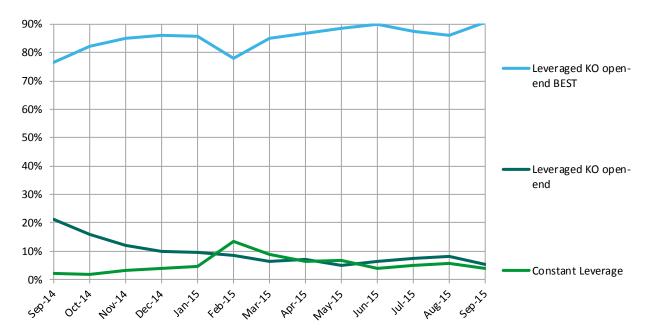
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Brussels.



#### Number of transactions

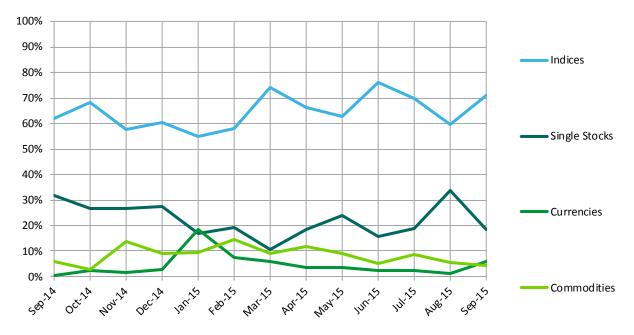
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Brussels.



# MARKET TREND: UNDERLYING TYPES

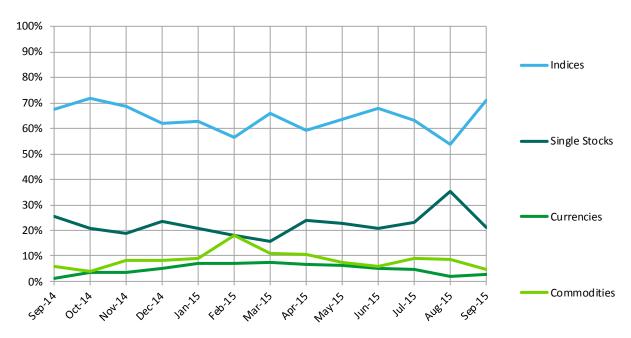
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Brussels.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Brussels.

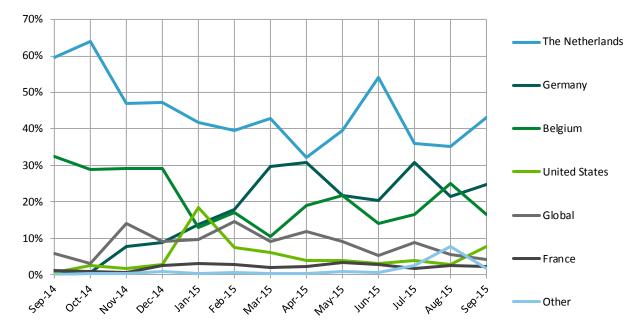


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# MARKET TREND: UNDERLYING COUNTRIES

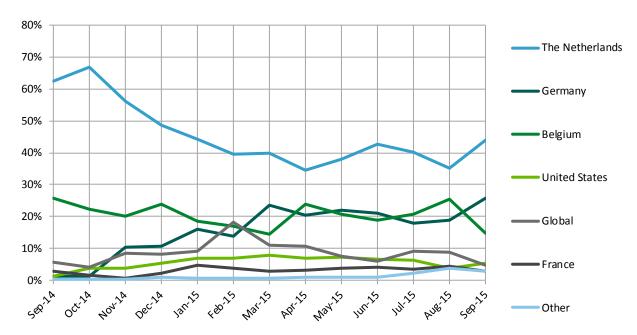
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on Euronext Brussels.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Brussels.

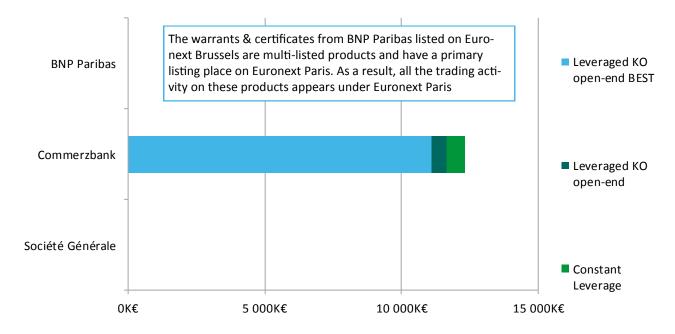


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# **ISSUER ACTIVITY**

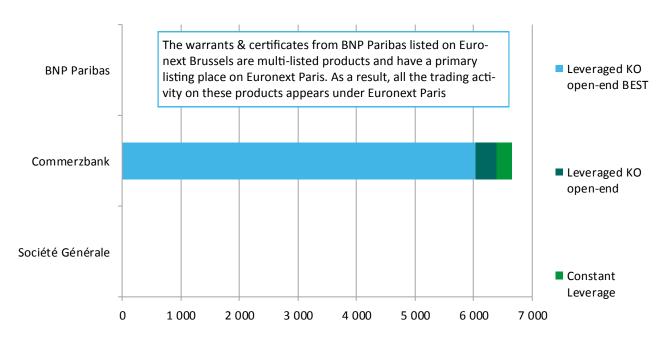
#### Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Brussels.



#### Number of transactions

The chart below displays the number of trades per product type for each issuer active on Euronext Brussels.

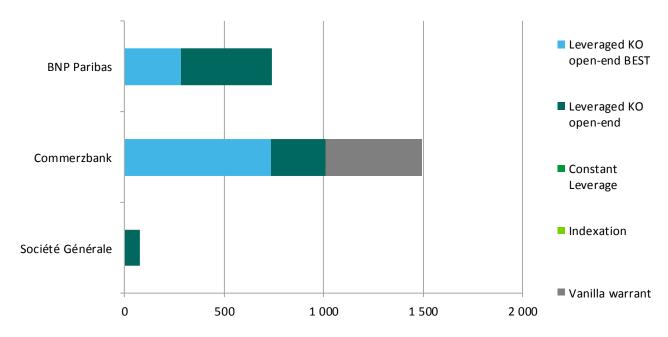


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# **ISSUER ACTIVITY: NEW LISTINGS**

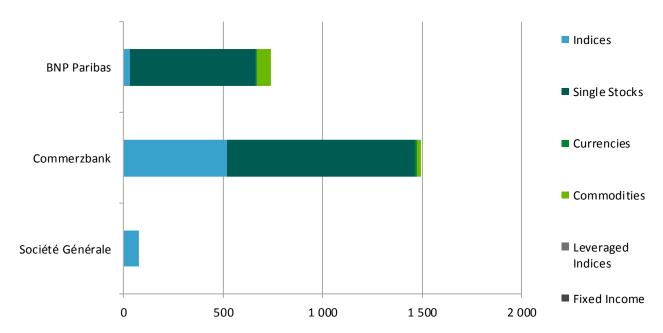
#### **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active on Euronext Brussels.



### **Underlying types**

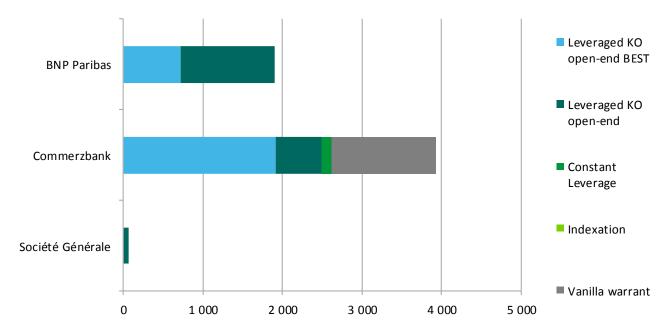
The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Brussels.



# **ISSUER ACTIVITY: PRODUCT RANGE**

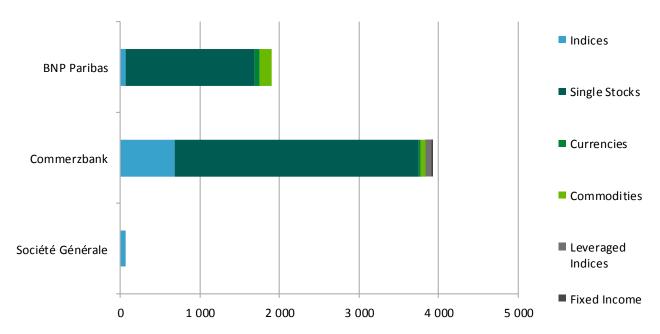
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on Euronext Brussels.



### **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active on YSE Euronext Brussels.



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### Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euronext Brussels.

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded
82BBZ	DE000CN1VHE1	Leveraged KO open-end BEST	Commerzbank	AEX 428.6TL OPENZ	165	(in K€) 525
87BEZ	DE000CN1VMD3	Leveraged KO open-end BEST	Commerzbank	AEX 435TL OPENZ	105	402
38BEZ	DE000CN1VMH4	Leveraged KO open-end BEST	Commerzbank	DAX 10045TL OPENZ	271	329
35W3Z		<b>e</b> .			162	274
	DE000CM8MSH6	Constant Leverage	Commerzbank	BRENT FACOPENZ		
29LDZ	DE000CN1VKZ0	Leveraged KO open-end BEST	Commerzbank	DAX 9942TL OPENZ	103	267
62LGZ	DE000CN1VRC4	Leveraged KO open-end BEST	Commerzbank	AEX 426.TS OPENZ	121	241
76VXZ	DE000CN1VCV6	Leveraged KO open-end BEST	Commerzbank	AEX 465.TS OPENZ	34	235
23LGZ	DE000CN1VRH3	Leveraged KO open-end BEST	Commerzbank	DAX 9824TS OPENZ	122	211
78AYZ	DE000CN1VDE0	Leveraged KO open-end BEST	Commerzbank	AEX 455.TS OPENZ	103	203
72Z7Z	DE000CR0KHR4	Leveraged KO open-end BEST	Commerzbank	KBC 51.8TL OPENZ	38	184
18BAZ	DE000CN1VGM6	Leveraged KO open-end BEST	Commerzbank	AEX 418.6TL OPENZ	62	174
67P8Z	DE000CR0K1F9	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.24TS OPENZ	13	170
62Z7Z	DE000CR0KHG7	Leveraged KO open-end BEST	Commerzbank	AGEAS30.53TL OPENZ	14	167
11LAZ	DE000CN1VH58	Leveraged KO open-end BEST	Commerzbank	DAX 9837TL OPENZ	190	166
36WFZ	DE000CN1VQ81	Leveraged KO open-end BEST	Commerzbank	AEX 438.TS OPENZ	123	156
72BBZ	DE000CN1VHD3	Leveraged KO open-end BEST	Commerzbank	AEX 426.6TL OPENZ	83	154
99BAZ	DE000CN1VH41	Leveraged KO open-end BEST	Commerzbank	DAX 9737TL OPENZ	129	153
3517Z	DE000CR0JSL6	Leveraged KO open-end BEST	Commerzbank	BEL20 3054TL OPENZ	45	152
31VYZ	DE000CN1VDP6	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.11TL OPENZ	72	145
69LEZ	DE000CN1VN19	Leveraged KO open-end BEST	Commerzbank	AEX 448.3TS OPENZ	24	139
13LGZ	DE000CN1VRG5	Leveraged KO open-end BEST	Commerzbank	DAX 9924TS OPENZ	25	131
94WEZ	DE000CN1VNJ8	Leveraged KO open-end BEST	Commerzbank	AEX 438.3TS OPENZ	98	127
29AYZ	DE000CN1VDJ9	Leveraged KO open-end BEST	Commerzbank	DAX 9233TL OPENZ	54	121
82LFZ	DE000CN1VPL9	Leveraged KO open-end BEST	Commerzbank	AEX 427.3TL OPENZ	80	121
43VTZ	DE000CN1V4G6	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.08TL OPENZ	4	119
34VYZ	DE000CN1VDX0	Leveraged KO open-end BEST	Commerzbank	AEX 414.6TL OPENZ	40	119
84WEZ	DE000CN1VNH2	Leveraged KO open-end BEST	Commerzbank	AEX 440.3TS OPENZ	44	119
58LDZ	DE000CN1VKT3	Leveraged KO open-end BEST	Commerzbank	AEX 430.8TL OPENZ	29	111
92T7Z	DE000CR0K7B5	Leveraged KO open-end BEST	Commerzbank	AGEAS28.41TL OPENZ	17	108
97KZZ	DE000CN1VFA3	Leveraged KO open-end BEST	Commerzbank	NYRST 1.53TL OPENZ	17	108
43LGZ	DE000CN1VRK7	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.15TS OPENZ	4	107
21WEZ	DE000CN1VN68	Leveraged KO open-end BEST	Commerzbank	DAX 10429TS OPENZ	47	105
24VYZ	DE000CN1VDW2	Leveraged KO open-end BEST	Commerzbank	AEX 416.6TL OPENZ	47	103
32BFZ	DE000CN1VP74	Leveraged KO open-end BEST	Commerzbank	AEX 436.3TS OPENZ	19	95
45WEZ	DE000CN1VNN0	Leveraged KO open-end BEST	Commerzbank	DAX 10329TS OPENZ	41	93
28BAZ	DE000CN1VGN4	Leveraged KO open-end BEST	Commerzbank	AEX 420.6TL OPENZ	55	92
93AXZ	DE000CN1VAD8	Leveraged KO open-end BEST	Commerzbank	AEX 482TS OPENZ	11	90
64WEZ	DE000CN1VNF6	Leveraged KO open-end BEST	Commerzbank	AEX 444.3TS OPENZ	58	90
47BAZ	DE000CN1VGF0	Leveraged KO open-end BEST	Commerzbank	KBC 56.07TL OPENZ	71	89
37BAZ	DE000CN1VGF0	Leveraged KO open-end BEST	Commerzbank	KBC 53.57TL OPENZ	51	89
62BBZ	DE000CN1VGES	Leveraged KO open-end BEST	Commerzbank	AEX 424.6TL OPENZ	28	89
		5				87
43KAZ	DE000CR0KKZ1	Leveraged KO open-end BEST	Commerzbank	BNP 49.05TL OPENZ	33	
11R3Z	DE000CM8MHF3	Constant Leverage	Commerzbank	DAXIF FACOPENZ	2	86
77J7Z	DE000CR0JTM2	Leveraged KO open-end BEST	Commerzbank	DAX 9100TL OPENZ	48	85
66WFZ	DE000CN1VQB8	Leveraged KO open-end BEST	Commerzbank	SP500 1993TS OPENZ	30	81
49AYZ	DE000CN1VDL5	Leveraged KO open-end BEST	Commerzbank	DAX 10444TS OPENZ	46	80
56WFZ	DE000CN1VQA0	Leveraged KO open-end BEST	Commerzbank	DAX 10224TS OPENZ	25	77
59WDZ	DE000CN1VLY1	Leveraged KO open-end BEST	Commerzbank	DAX 10334TS OPENZ	13	75
52LGZ	DE000CN1VRB6	Leveraged KO open-end BEST	Commerzbank	AEX 428.TS OPENZ	47	71
57LGZ	DE000CN1VRT8	Leveraged KO open-end BEST	Commerzbank	AEX 430.TS OPENZ	19	70



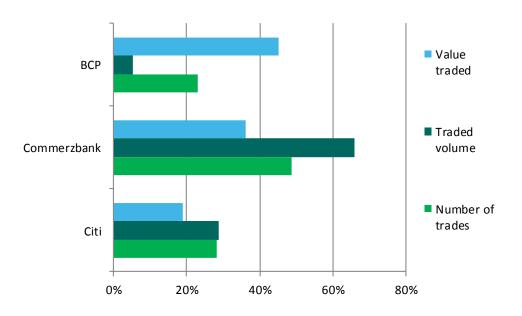
# **Euronext Lisbon**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value traded				Traded	volume		Number of trades				
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	
	average	on		share	average	on		share	average	on		share	
	(in K€)	month			(in K)	month				month			
ВСР	576.1	-31%	-61%	45.1%	44.8	-5.0%	-44%	5.2%	81	-28%	-62%	23.1%	
Commerzbank	461.4	42%	-26%	36.1%	564.0	4.0%	-27%	65.9%	172	25%	-9.0%	48.7%	
Citi	241.0	-1.7%	-54%	18.9%	247.3	-4.6%	-45%	28.9%	99	13%	-4.3%	28.2%	
Total	1,278.6	-8.8%	-51%		856.0	0.9%	-35%		352	4.2%	-31%		

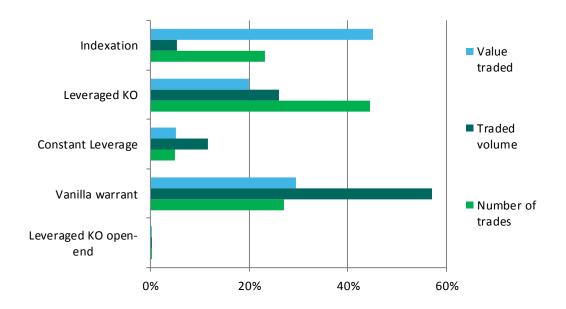


### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value traded				Traded	volume		Number of trades				
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	
	average	on		share	average	on		share	average	on		share	
	(in K€)	month			(in K€)	month				month			
Indexation	576.4	-31%	-61%	45.1%	45.2	-4.9%	-44%	5.3%	82	-28%	-62%	23.2%	
Leveraged KO	254.6	54%	-49%	19.9%	222.5	48%	-51%	26.0%	157	17%	-19%	44.5%	
Constant Leverage	66.4	-30%	-50%	5.2%	99.3	-33%	-39%	11.6%	18	-1.2%	-6.4%	5.0%	
Vanilla warrant	377.7	23%	-26%	29.5%	487.9	-2.5%	-19%	57.0%	95	34%	22%	27.0%	
Leveraged KO open-end	3.5	26%	34%	0.3%	1.3	-32%	-35%	0.1%	1	-29%	21%	0.4%	
Total	1,278.6	-8.8%	-51%		856.0	0.9%	-35%		352	4.2%	-31%		

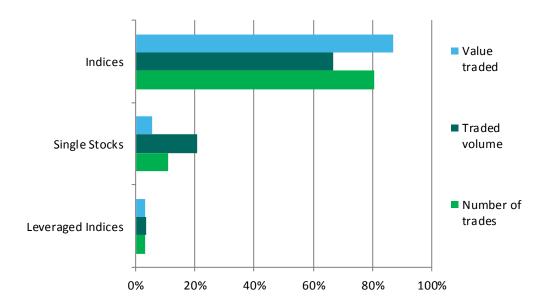


### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		Ν	lumber o	oftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Indices	1,108.2	-3.8%	-50%	87.0%	556.8	14%	-34%	66.9%	283	4.7%	-33%	80.7%
Single Stocks	70.8	-42%	-63%	5.6%	172.0	-12%	-36%	20.7%	39	-4.3%	-29%	11.1%
Leveraged Indices	39.5	-39%	-41%	3.1%	29.7	-33%	-49%	3.6%	11	46%	88%	3.1%
Commodities	25.8	-20%	-64%	2.0%	23.2	49%	-14%	2.8%	4	-34%	-47%	1.3%
Leveraged Stocks	18.6	103%	-52%	1.5%	20.3	40%	-15%	2.4%	4	-4.5%	-47%	1.2%
Currencies	7.4	301%	-70%	0.6%	4.8	257%	-39%	0.6%	8	282%	153%	2.3%
Leveraged Commodities	3.6	-7.0%	-74%	0.3%	25.6	-48%	-57%	3.1%	1	-61%	-62%	0.3%
Total	1,273.9	-8.1%	-51%		832.4	2.9%	-35%		351	4.8%	-31%	

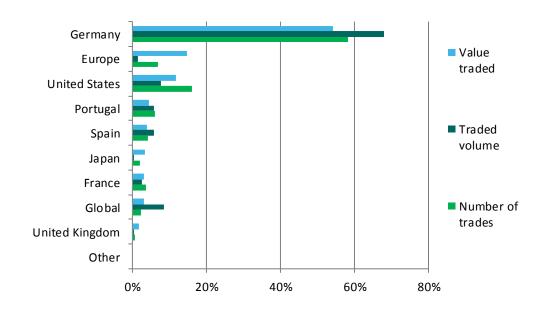


### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market					Traded	volume		Ν	lumber c	oftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Germany	691.6	13%	-36%	54.1%	581.1	17%	-17%	67.9%	205	23%	-13%	58.3%
Europe	186.9	-21%	-64%	14.6%	13.4	-37%	-62%	1.6%	24	-27%	-62%	6.8%
United States	150.4	-33%	-65%	11.8%	65.4	-60%	-65%	7.6%	57	-21%	-40%	16.1%
Portugal	58.0	-33%	-56%	4.5%	49.4	13%	-39%	5.8%	21	9.4%	-40%	6.0%
Spain	49.3	-25%	-68%	3.9%	49.5	382%	-58%	5.8%	15	22%	-43%	4.2%
Japan	41.3	-33%	-57%	3.2%	0.2	-30%	-54%	0.0%	7	-30%	-65%	2.0%
France	40.2	-3.1%	-40%	3.1%	22.6	177%	-57%	2.6%	13	89%	-3.4%	3.7%
Global	39.4	-33%	-63%	3.1%	73.8	-30%	-31%	8.6%	8	-42%	-47%	2.3%
United Kingdom	21.4	22%	-38%	1.7%	0.7	30%	-61%	0.1%	2	-43%	-46%	0.7%
Other		-100%	-100%			-100%	-100%			-100%	-100%	
Total	1,278.5	-8.8%	-51%		856.0	0.9%	-33%		352	4.3%	-31%	

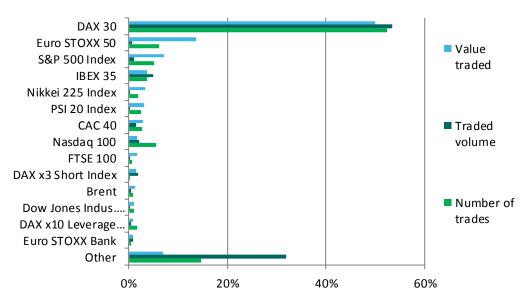


### Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

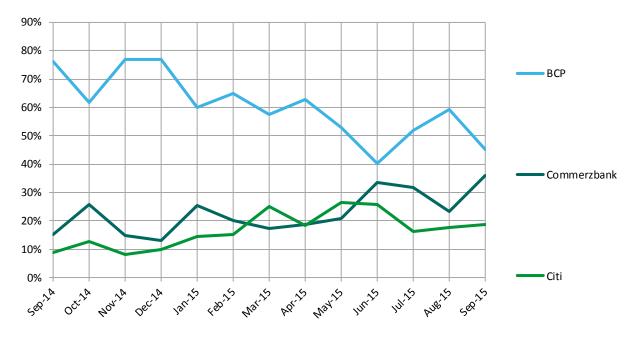
		Value t	raded			Traded	volume		Ν	lumber o	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
DAX 30	639.2	18%	-36%	50.0%	456.5	13%	-23%	53.3%	185	19%	-16%	52.4%
Euro STOXX 50	175.1	-17%	-63%	13.7%	5.5	-11%	-59%	0.6%	22	-29%	-64%	6.2%
S&P 500 Index	91.0	-30%	-61%	7.1%	9.2	-61%	-64%	1.1%	18	-28%	-60%	5.1%
IBEX 35	48.1	-26%	-68%	3.8%	42.2	441%	-62%	4.9%	13	16%	-46%	3.8%
Nikkei 225 Index	41.3	-33%	-57%	3.2%	0.2	-30%	-54%	0.0%	7	-30%	-65%	2.0%
PSI 20 Index	39.8	-47%	-63%	3.1%	3.1	-52%	-64%	0.4%	9	-8.2%	-53%	2.6%
CAC 40	38.6	-4.2%	-41%	3.0%	12.6	134%	-69%	1.5%	10	68%	-13%	2.8%
Nasdaq 100	22.6	-28%	-45%	1.8%	18.3	-9.8%	-34%	2.1%	19	-8.2%	-9.9%	5.5%
FTSE 100	21.3	24%	-36%	1.7%	0.3	33%	-29%	0.0%	2	-44%	-41%	0.6%
DAX x3 Short Index	19.2	287%	564%	1.5%	16.1	217%	529%	1.9%	1	9.1%	256%	0.2%
Brent	15.6	-35%	-73%	1.2%	4.0	-32%	-62%	0.5%	3	-35%	-46%	0.9%
Dow Jones Indus. Avg.	13.9	-40%	-76%	1.1%	2.7	48%	11%	0.3%	4	-17%	-67%	1.1%
DAX x10 Leverage Index	12.1	-69%	-76%	0.9%	4.4	-40%	98%	0.5%	6	44%	101%	1.6%
Euro STOXX Bank	10.5	-49%	-67%	0.8%	7.8	-47%	-64%	0.9%	2	25%	-24%	0.5%
Other	90.2	-22%	-57%	7.1%	273.0	-19%	-39%	31.9%	52	4.3%	-13%	14.7%
Total	1,278.6	-8.8%	-51%		856.0	0.9%	-35%		352	4.2%	-31%	



### MARKET TREND: ISSUERS

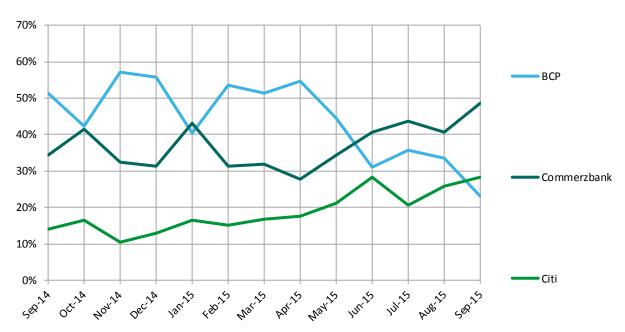
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Lisbon.



#### Number of transactions

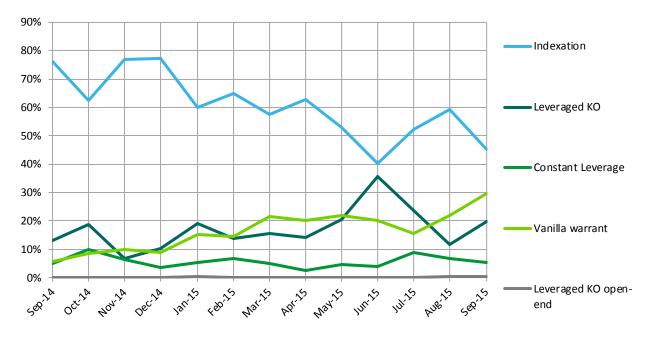
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Lisbon.



### MARKET TREND: PRODUCT TYPES

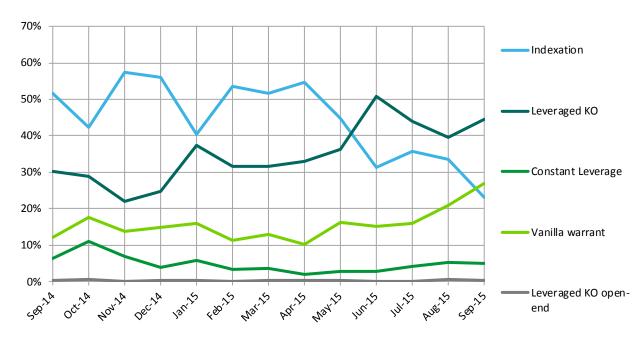
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Lisbon.



#### Number of transactions

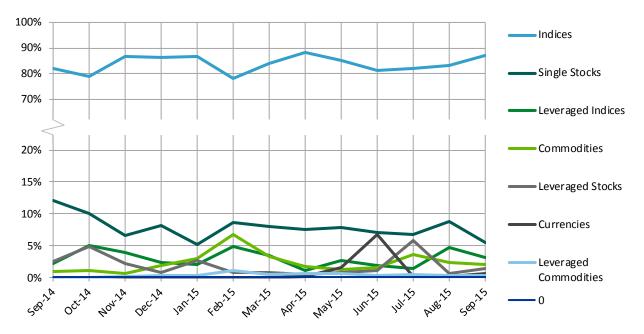
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Lisbon.



# MARKET TREND: UNDERLYING TYPES

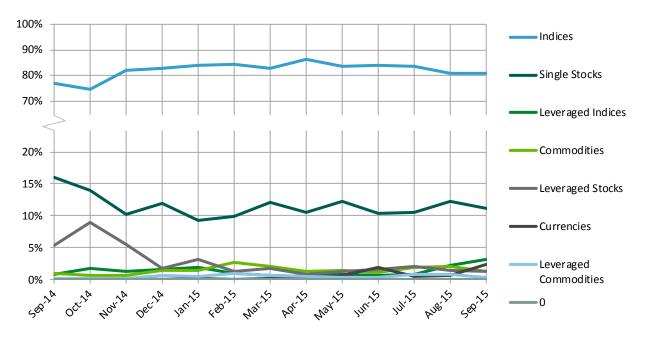
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Lisbon.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Lisbon.

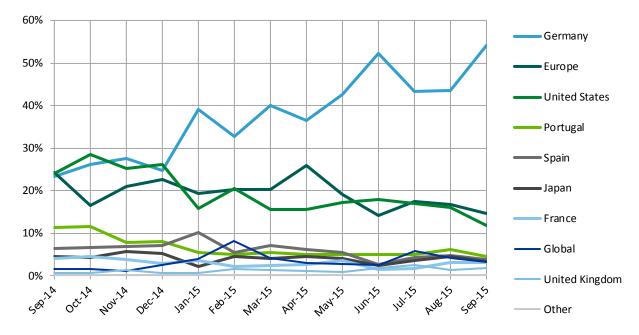


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# MARKET TREND: UNDERLYING COUNTRIES

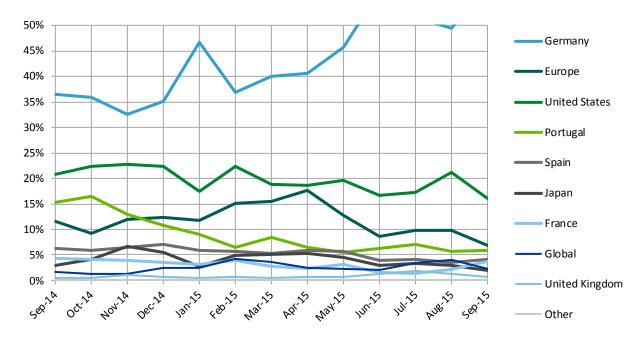
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on Euronext Lisbon.



### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Lisbon.

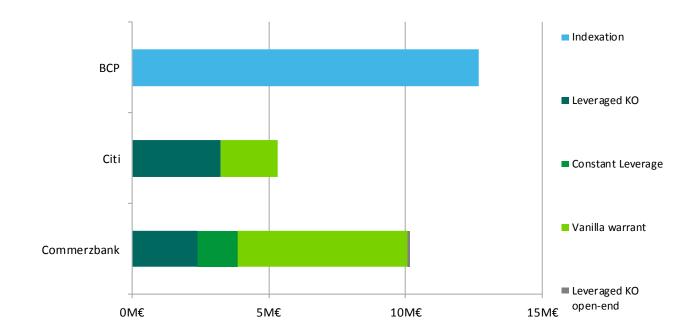


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# **ISSUER ACTIVITY**

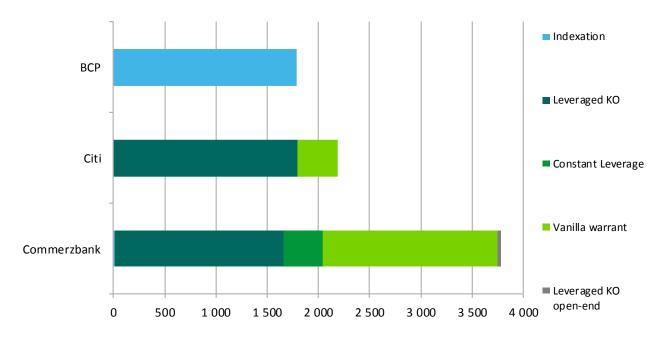
#### Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Lisbon.



### Number of transactions

The chart below displays the number of trades per product type for each issuer active on Euronext Lisbon.

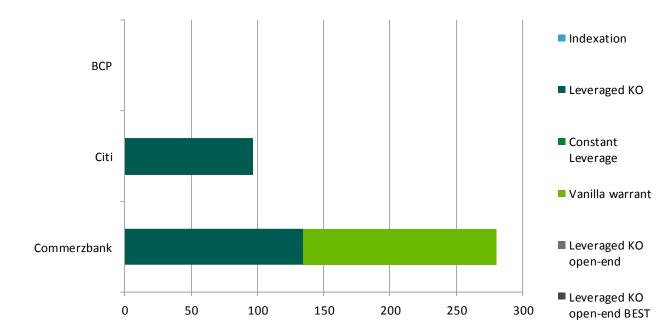


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# **ISSUER ACTIVITY: NEW LISTINGS**

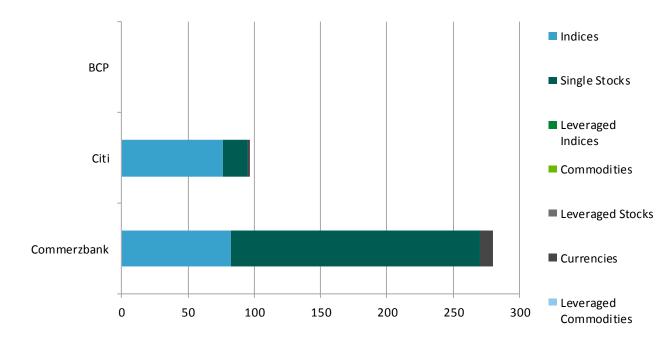
#### **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active on Euronext Lisbon.



### **Underlying types**

The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Lisbon.

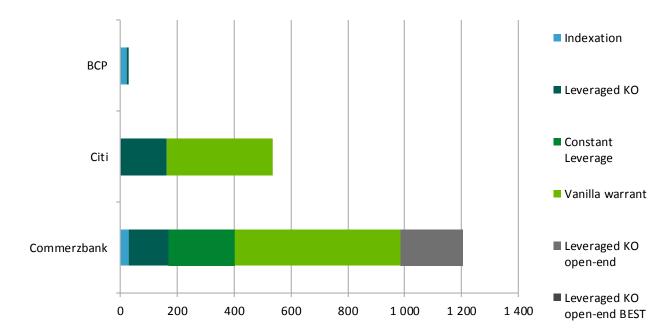


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# **ISSUER ACTIVITY: PRODUCT RANGE**

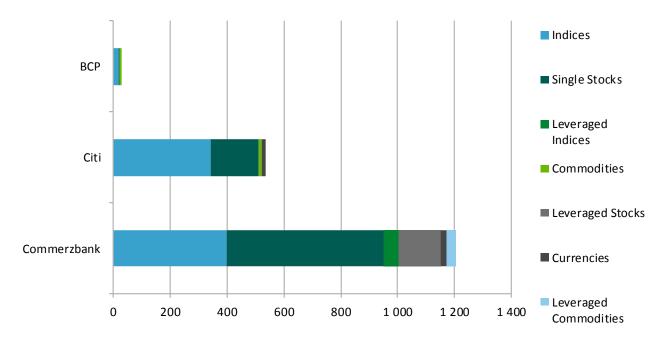
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on Euronext Lisbon.



### **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active on Euronext Lisbon.



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# **TOP 50 TRADED PRODUCTS**

### Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euronext Lisbon.

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded
Symbol					traues	(in K€)
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	484	3,852
1027P	PTBITEYE0034	Pure indexation	BCP	DAX PI OPENP	201	2,186
1029P	PTBITAYE0046	Pure indexation	BCP	SP500 PI OPENP	325	1,936
V529Z	DE000CR18B71	Vanilla warrant	Commerzbank	DAX 10500P 1215Z	125	1,583
1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PI OPENP	155	909
Z431Z	DE000CR8JYD4	Vanilla warrant	Commerzbank	DAX 10200C 0316Z	89	874
1028P	PTBIY1YE0064	Pure indexation	BCP	PSI 2 PI OPENP	146	804
V522Z	DE000CR18B06	Vanilla warrant	Commerzbank	DAX 11200C 1215Z	159	772
1023P	PTBIXRYE0025	Pure indexation	BCP	IBEX PI OPENP	119	746
V527Z	DE000CR18B55	Vanilla warrant	Commerzbank	DAX 10000P 1215Z	17	511
1024P	PTBIXQYE0026	Pure indexation	BCP	FTSE PI OPENP	46	468
DAXTZ	DE000CZ28JG7	Constant Leverage	Commerzbank	DAXTZ ACCOPENZ	16	423
P369C	DE000CW1ZSB4	Leveraged KO	Citi	DAX 10550TS 1215C	189	388
V521Z	DE000CR18AZ4	Vanilla warrant	Commerzbank	DAX 11000C 1215Z	36	380
1040P	PTBIWKYE0023	Pure indexation	BCP	CAC40 PI OPENP	74	360
F315C	DE000CC4ABC9	Vanilla warrant	Citi	DAX 10000P 1215C	14	352
1039P	PTBIZJYE0064	Pure indexation	BCP	BRENT PI OPENP	50	330
P457C	DE000CW1ZUX4	Leveraged KO	Citi	DAX 9900TL 1215C	239	327
Z525Z	DE000CB1W9G9	Leveraged KO	Commerzbank	DAX 9700TL 1215Z	269	317
1026P	PTBIYZYE0040	Pure indexation	BCP	DJIND PI OPENP	70	285
Z577Z	DE000CR17DA3	Leveraged KO	Commerzbank	DAX 9900TL 1215Z	62	273
DAX0Z	DE000CZ4V6D9	Constant Leverage	Commerzbank	DAX FACOPENZ	125	267
F314C	DE000CC4ABB1	Vanilla warrant	Citi	DAX 9800P 1215C	13	266
P484C	DE000CW1ZVQ6	Leveraged KO	Citi	DAX 9950TL 1215C	164	258
F308C	DE000CC4AB59	Vanilla warrant	Citi	DAX 8800P 1215C	28	239
P415C	DE000CW1ZTP2	Leveraged KO	Citi	DAX 9300TL 1215C	119	236
1043P	PTBCLOYE0028	Pure indexation	BCP	ESTBK PI OPENP	42	230
P530C	DE000CW1ZX22	Leveraged KO	Citi	DAX 10000TS 1215C	73	219
V518Z	DE000CR18AW1	Vanilla warrant	Commerzbank	DAX 10200C 1215Z	23	218
V520Z	DE000CR18AY7	Vanilla warrant	Commerzbank	DAX 10800C 1215Z	40	205
1050P	PTBIWBYE0057	Pure indexation	BCP	NASDQ PI OPENP	19	197
Z813Z	DE000CR8K2J1	Leveraged KO	Commerzbank	DAX 10000TS 1215Z	72	195
Z531Z	DE000CB1W9N5	Leveraged KO	Commerzbank	DAX 10500TS 1215Z	39	182
F307C	DE000CC4AB42	Vanilla warrant	Citi	DAX 8600P 1215C	9	179
P134C	DE000CW1ZKE5	Vanilla warrant	Citi	DAX 11700C 0616C	14	169
V517Z	DE000CR18AV3	Vanilla warrant	Commerzbank	DAX 10000C 1215Z	32	159
F309C	DE000CC4AB67	Vanilla warrant	Citi	DAX 9000P 1215C	11	148
V523Z	DE000CR18B14	Vanilla warrant	Commerzbank	DAX 9000P 1215Z	57	148
Z590Z	DE000CB1WED2	Leveraged KO	Commerzbank	DAX 10600TS 1215Z	39	144
P408C	DE000CW1ZTG1	Leveraged KO	Citi	CAC40 4800TS 1215C	28	136
Z521Z	DE000CB1W9C8	Leveraged KO	Commerzbank	DAX 9300TL 1215Z	152	125
Z524Z	DE000CB1W9F1	Leveraged KO	Commerzbank	DAX 9600TL 1215Z	42	122
P370C	DE000CW1ZSC2	Leveraged KO	Citi	DAX 10600TS 1215C	59	120
1042P	PTBIWYYE0050	Pure indexation	BCP	WHEAT PI OPENP	14	117
Z530Z	DE000CB1W9M7	Leveraged KO	Commerzbank	DAX 10400TS 1215Z	112	113
F316C	DE000CC4ABD7	Vanilla warrant	Citi	DAX 10200P 1215C	3	112
EDPSZ	DE000CZ28HA4	Constant Leverage	Commerzbank	EDPSZ ACCOPENZ	3	111
P460C	DE000CW1ZV08	Leveraged KO	Citi	DAX 10400TS 1215C	64	110
P525C	DE000CW1ZWX0	Leveraged KO	Citi	DAX 9450TL 1215C	64	104
Z836Z	DE000CR8K372	Leveraged KO	Commerzbank	DAX 9800TS 1215Z	65	103
Source: Eu	(ronext)					



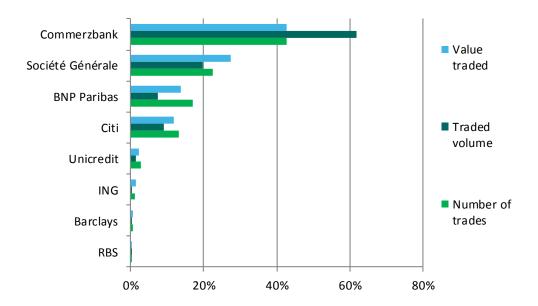
# **Euronext Paris**

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	volume		Ν	lumber o	oftrades	
lssuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Commerzbank	8.0	-1.0%	-7.9%	42.9%	27.8	14%	44%	61.9%	3,077	-5.7%	-1.3%	42.8%
Société Générale	5.1	-30%	-31%	27.4%	8.9	-26%	-13%	19.8%	1,622	-13%	-6.7%	22.6%
BNP Paribas	2.5	-4.4%	-26%	13.6%	3.3	-12%	-20%	7.4%	1,211	-4.1%	-3.3%	16.9%
Citi	2.2	-15%	-20%	11.9%	4.1	-19%	-15%	9.2%	943	-7.9%	-8.8%	13.1%
Unicredit	0.4	-54%	-48%	2.3%	0.6	-70%	-38%	1.4%	190	-32%	-31%	2.6%
ING	0.3	-15%	-5.5%	1.4%	0.1	-3.7%	18%	0.2%	89	-4.4%	11%	1.2%
Barclays	0.1	-30%	-47%	0.5%	0.0	-29%	-54%	0.1%	47	35%	-26%	0.7%
RBS	0.0	-86%	-87%	0.0%	0.0	-83%	-95%	0.0%	3	-23%	-60%	0.0%
Total	18.6	-16%	-21%		44.8	-5.3%	13%		7,182	-8.2%	-5.1%	

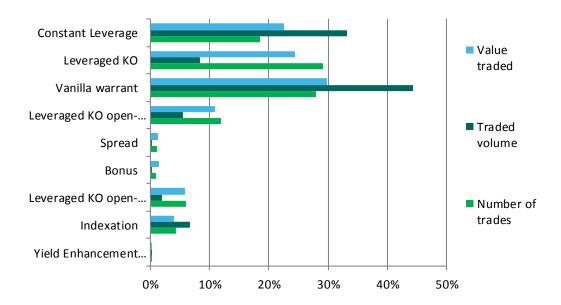


#### **Product types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per issuer, as well as the variation over the previous month and the weight of each issuer over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded v	volume		Ν	lumber c	oftrades	
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Constant Leverage	4.2	-32%	-41%	22.5%	14.9	0.3%	37%	33.2%	1,332	-14%	-13%	18.5%
Leveraged KO	4.5	12%	4.5%	24.4%	3.8	9.0%	-6.1%	8.4%	2,093	10%	5.0%	29.1%
Vanilla warrant	5.5	1.4%	-9.8%	29.8%	19.9	-8.7%	1.3%	44.3%	2,011	-11%	-5.4%	28.0%
Leveraged KO open-end	2.0	-22%	-26%	10.9%	2.4	-23%	-8.1%	5.4%	856	-17%	-12%	11.9%
Spread	0.2	-59%	-46%	1.2%	0.0	-72%	-56%	0.0%	82	-33%	-19%	1.1%
Bonus	0.3	-46%	-46%	1.4%	0.0	-46%	-41%	0.0%	69	-35%	-29%	1.0%
Leveraged KO open-end BEST	1.1	-26%	-22%	5.8%	0.9	-24%	-40%	2.0%	430	-18%	-7.8%	6.0%
Indexation	0.7	-38%	-22%	4.0%	3.0	2.0%	180%	6.6%	308	-13%	11%	4.3%
Yield Enhancement & Other	0.0	-31%	-52%	0.0%	0.0	1.5%	-32%	0.0%	1	-24%	-43%	0.0%
Total	18.6	-16%	-21%		44.8	-5.3%	13%		7,182	-8.2%	-5.1%	

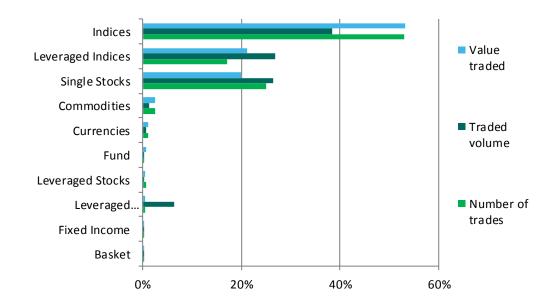


#### **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market					Traded v	volume		Ν	lumber c	ftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indices	9.9	7.0%	6.3%	53.3%	17.2	16%	27%	38.4%	3,803	6.9%	9.3%	53.0%
Leveraged Indices	4.0	-33%	-40%	21.3%	12.0	-6.7%	22%	26.8%	1,230	-13%	-11%	17.1%
Single Stocks	3.7	-34%	-30%	20.0%	11.8	-29%	-13%	26.4%	1,802	-23%	-14%	25.1%
Commodities	0.5	-29%	-43%	2.6%	0.6	-19%	-44%	1.3%	177	-29%	-36%	2.5%
Currencies	0.2	-28%	-69%	1.1%	0.3	-5.0%	-51%	0.7%	79	-33%	-49%	1.1%
Fund	0.1	295%	-64%	0.7%	0.0	316%	-64%	0.0%	2	-12%	-81%	0.0%
Leveraged Stocks	0.1	-43%	-59%	0.5%	0.0	-43%	-30%	0.1%	43	-26%	-35%	0.6%
Leveraged Commodities	0.1	7.0%	-60%	0.5%	2.8	47%	194%	6.4%	33	-39%	-54%	0.5%
Fixed Income	0.0	-56%	-55%	0.0%	0.0	-73%	-55%	0.0%	6	-50%	-45%	0.1%
Basket	0.0	ND	202%	0.0%	0.0	ND	147%	0.0%	0	282%	88%	0.0%
Total	18.6	-16%	- <b>2</b> 1%		44.8	-5.3%	13%		7,176	-8.2%	-5.1%	

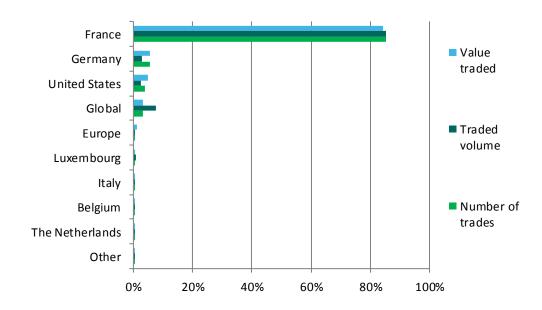


### Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded			Traded volume				Number of trades				
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
France	15.6	-16%	-17%	84.2%	38.2	-5.8%	11%	85.2%	6,131	-6.5%	-2.0%	85.4%
Germany	1.0	14%	-21%	5.4%	1.4	44%	50%	3.0%	406	4.8%	3.1%	5.7%
United States	0.9	-20%	-38%	4.9%	1.2	-43%	-22%	2.6%	275	-30%	-26%	3.8%
Global	0.6	-25%	-45%	3.3%	3.5	28%	69%	7.7%	221	-31%	-39%	3.1%
Europe	0.2	56%	-53%	1.1%	0.1	0.7%	-0.6%	0.2%	24	1.3%	-21%	0.3%
Luxembourg	0.0	-50%	-51%	0.2%	0.3	-35%	-16%	0.7%	46	-13%	-7.5%	0.6%
Italy	0.0	-34%	-53%	0.2%	0.0	-65%	-78%	0.1%	21	-0.2%	-22%	0.3%
Belgium	0.0	20%	-24%	0.2%	0.0	-20%	-30%	0.1%	13	-10%	-17%	0.2%
The Netherlands	0.0	-46%	-65%	0.1%	0.1	-49%	-35%	0.1%	18	-25%	-28%	0.2%
Other	0.1	-61%	-59%	0.3%	0.1	-56%	-40%	0.2%	21	-26%	-32%	0.3%
Total	18.6	-16%	-21%		44.8	-5.3%	13%		7,176	-8.2%	-5.1%	



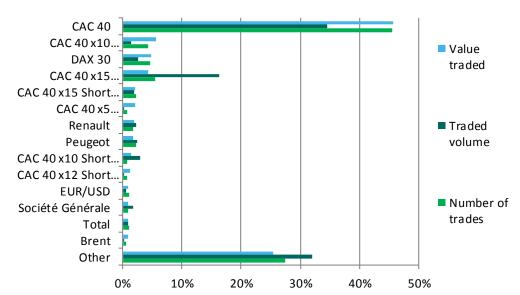
### Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

	Value traded			Traded volume			Number of trades					
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
CAC 40	8.5	9.1%	10%	45.7%	15.5	19%	27%	34.6%	3,276	8.7%	11%	45.6%
CAC 40 x10 Leveraged Index	1.0	-18%	-27%	5.6%	0.6	106%	197%	1.3%	309	16%	62%	4.3%
DAX 30	0.9	30%	-5.5%	4.7%	1.1	35%	49%	2.5%	337	6.8%	2.5%	4.7%
CAC 40 x15 Leveraged Index	0.8	-54%	-66%	4.3%	7.3	-26%	135%	16.3%	397	-35%	-39%	5.5%
CAC 40 x15 Short Index	0.4	-31%	-32%	2.1%	0.9	-40%	-75%	1.9%	169	6.2%	-15%	2.4%
CAC 40 x5 Leveraged Index	0.4	-42%	-22%	2.1%	0.1	-15%	21%	0.3%	57	-19%	6.6%	0.8%
Renault	0.4	-12%	44%	2.0%	1.0	21%	113%	2.2%	126	0.6%	33%	1.7%
Peugeot	0.3	4.3%	17%	1.8%	1.1	20%	66%	2.4%	157	14%	46%	2.2%
CAC 40 x10 Short Index	0.3	3.1%	-26%	1.5%	1.3	383%	-18%	2.9%	58	1.6%	-24%	0.8%
CAC 40 x12 Short Index	0.2	17%	52%	1.3%	0.1	-25%	-90%	0.1%	59	59%	70%	0.8%
EUR/USD	0.2	-23%	-72%	1.0%	0.3	6.0%	-52%	0.6%	72	-34%	-49%	1.0%
Société Générale	0.2	-67%	-51%	0.9%	0.8	-61%	-41%	1.7%	67	-46%	-47%	0.9%
Total	0.2	-1.9%	-27%	0.9%	0.4	-21%	-48%	0.9%	78	-11%	-17%	1.1%
Brent	0.2	-50%	-57%	0.9%	0.1	-57%	-76%	0.2%	45	-55%	-59%	0.6%
Other	4.7	-31%	-37%	25.4%	14.4	-14%	5.5%	32.0%	1,974	-24%	-18%	27.5%
Total	18.6	-16%	- <b>2</b> 1%		44.8	-5.3%	13%		7,182	-8.2%	-5.1%	



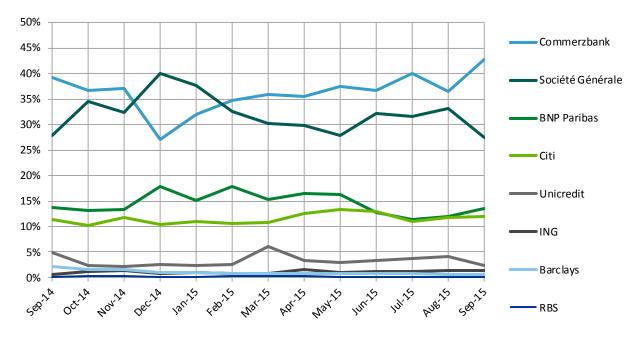


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### MARKET TREND: ISSUERS

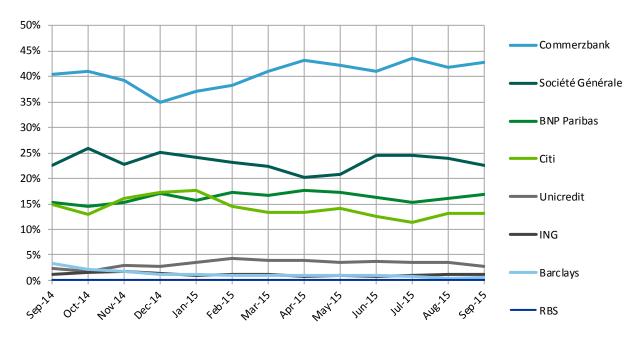
#### Value traded

The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Paris.



#### Number of transactions

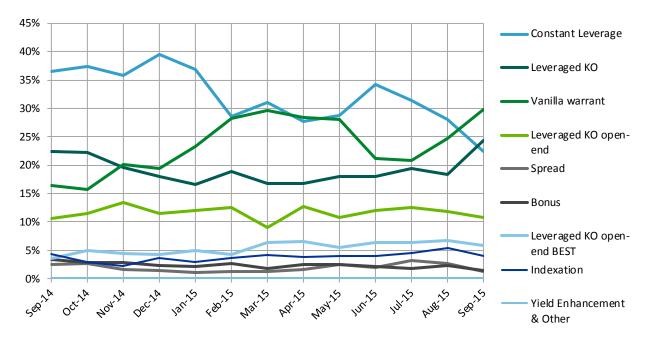
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Paris.



### MARKET TREND: PRODUCT TYPES

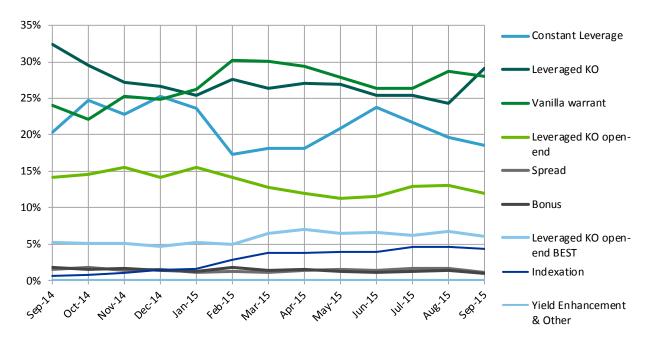
#### Value traded

The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Paris.



#### Number of transactions

The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Paris.

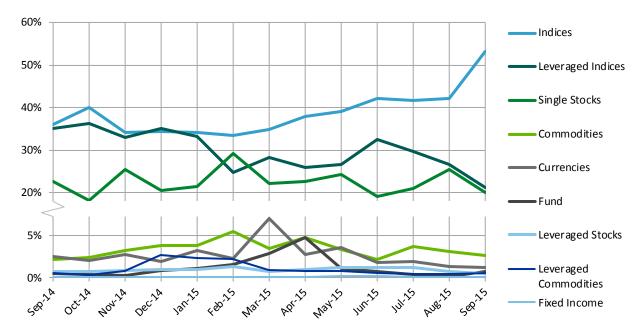


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# MARKET TREND: UNDERLYING TYPES

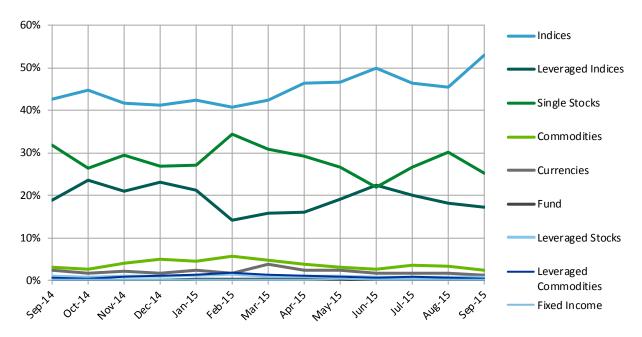
#### Value traded

The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Paris.



### Number of transactions

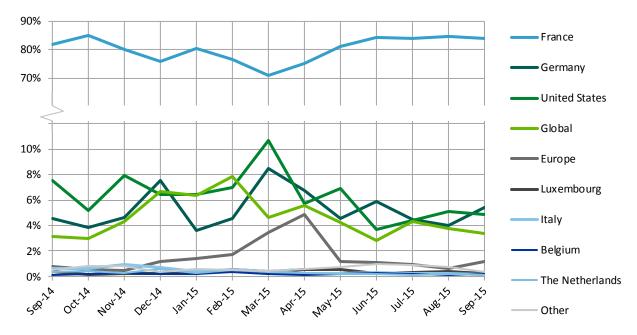
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Paris.



# MARKET TREND: UNDERLYING COUNTRIES

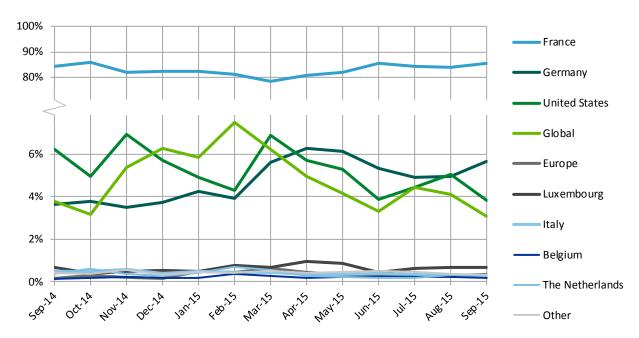
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on Euronext Paris.



### Number of transactions

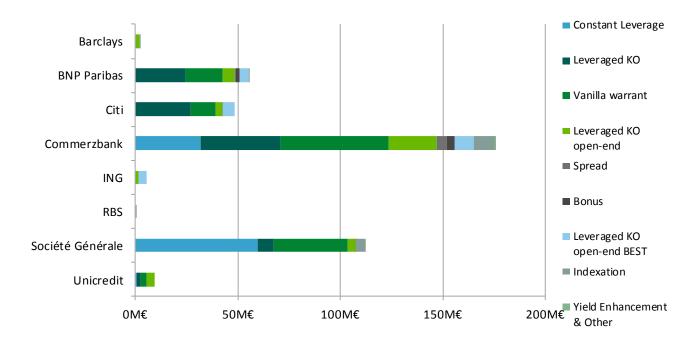
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Paris.



# **ISSUER ACTIVITY**

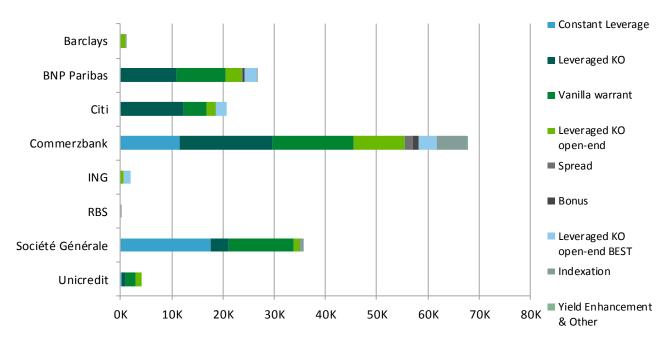
#### Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Paris.



### Number of transactions

The chart below displays the number of trades per product type for each issuer active on Euronext Paris.

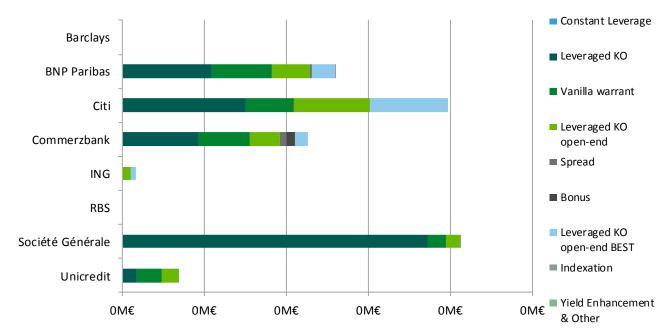


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# **ISSUER ACTIVITY: NEW LISTINGS**

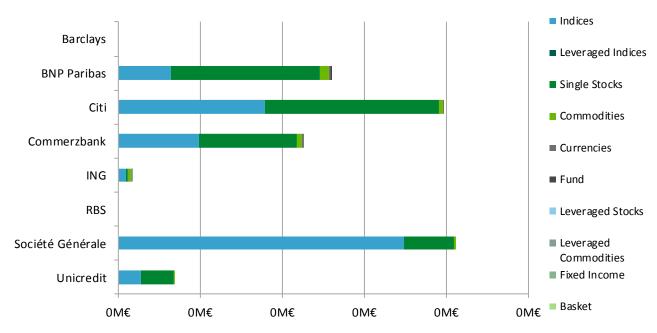
#### **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active on Euronext Paris.



### **Underlying types**

The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Paris.

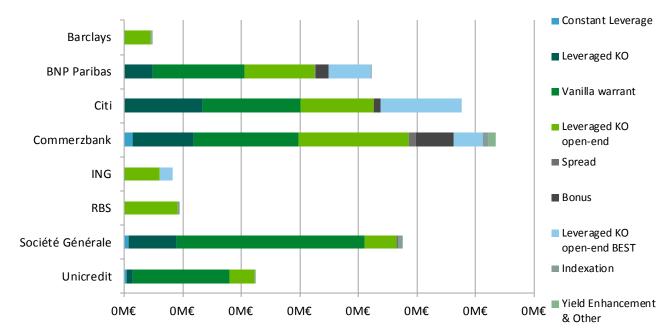


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# **ISSUER ACTIVITY: PRODUCT RANGE**

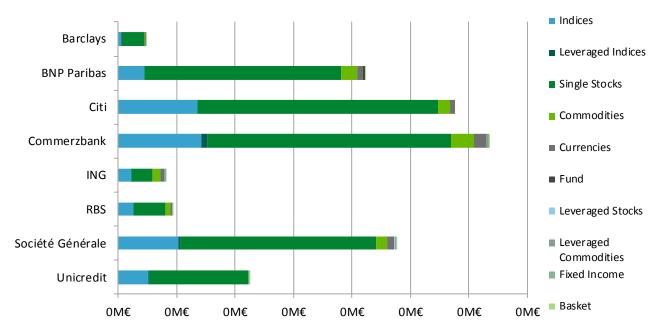
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on Euronext Paris.



### **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active on Euronext Paris.



# **TOP 50 TRADED PRODUCTS**

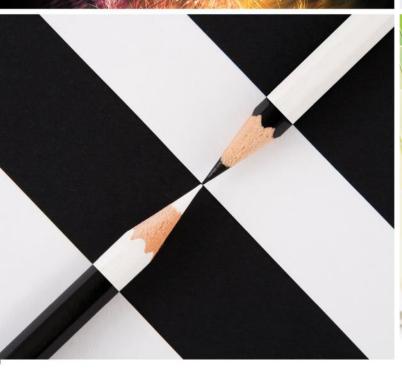
### Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euronext Paris.

Trading symbol	ISIN Code	Product type	lssuer	Name	Number of trades	Value traded (in K€)
6998S	FR0011214527	Constant Leverage	Société Générale	CAC10 PI OPENS	5,676	20,612
LR15Z	FR0012928109	Constant Leverage	Commerzbank	CACF LEVOPENZ	5,014	10,791
ST15Z	DE000CR5UQS1	Pure indexation	Commerzbank	CACF PI OPENZ	4,233	8,559
7731S	FR0010961078	Constant Leverage	Société Générale	CAC5L PI OPENS	1,120	7,365
6J89Z	DE000CR7LC27	Vanilla warrant	Commerzbank	CAC40 4700P 0915Z	140	7,141
CS18S	FR0012496529	Constant Leverage	Société Générale	.CA15 PI OPENS	3,061	6,012
C15LS	FR0012937415	Constant Leverage	Société Générale	C15LV PLOPENS	1,928	5,510
CS16S	FR0012496495	Constant Leverage	Société Générale	CA10S PLOPENS	998	4,270
1L14Z	DE000CN1F9L5	Vanilla warrant	Commerzbank	CAC40 4500P 1015Z	173	3,996
ST12Z	DE000CN1ECC2	Constant Leverage	Commerzbank	CACF SHTOPENZ	797	3,867
4397Z	DE000CN4Y947	Leveraged KO	Commerzbank	DAX 8500TL 0316Z	23	3,497
1X94Z	DE000CN1G4T8	Vanilla warrant	Commerzbank	CAC40 4800C 1015Z	592	3,314
3562Z	DE000CN1JFV4	Leveraged KO	Commerzbank	CAC40 4000TL 1215Z	247	3,096
3012Z	DE000CN1J3B5	Vanilla warrant	Commerzbank	CAC40 4550P 1015Z	92	2,986
3U33Z	DE000CK9PVS0	Constant Leverage	Commerzbank	L5DJI PI OPENZ	47	2,824
X776B	NL0010788600	Vanilla warrant	BNP Paribas	PWLDT108.7C 0925B	42	2,824
CS15S	FR0012901015	Constant Leverage	Société Générale	CA15S PLOPENS	654	2,607
4398Z	DE000CN4Y954	Leveraged KO	Commerzbank	DAX 8700TL 1215Z	25	2,007
43982 F592Z	DE000CB6VB21	Vanilla warrant	Commerzbank	CAC40 4800C 0915Z	350	2,488
LV10Z	DE000CB0VB21 DE000CZ28ZC2	Constant Leverage	Commerzbank	LV10Z FACOPENZ	1,057	2,482 2,129
1X93Z		Vanilla warrant	Commerzbank		770	
4L37Z	DE000CN1G4S0	Leveraged KO open-end		CAC40 4700C 0915Z		1,968 1,964
4L372 6940S	DE000CR5UP31	0 1	Commerzbank	CAC40 4230TCIOPENZ	214 398	1,964 1,903
3H75Z	FR0011119395	Constant Leverage	Société Générale	CAC7L PLOPENS		1,903
	DE000CN4XCA0	Vanilla warrant	Commerzbank	CAC40 4600C 0915Z	572	
LV12Z	DE000CK9RD98	Constant Leverage	Commerzbank	CAC40 PI OPENZ	463	1,870
3003Z	DE000CN1J324	Vanilla warrant	Commerzbank	CAC40 4900C 1115Z	261	1,848
4443S	FR0012829596	Vanilla warrant	Société Générale	CAC40 4600C 1015S	549	1,686
SR10Z	DE000CZ8VJE8	Constant Leverage	Commerzbank	CAC40 PI OPENZ	258	1,670
P510B	FR0012907145	Leveraged KO	BNP Paribas	CAC40 5150TPS1215B	125	1,622
4473S	FR0012829893	Vanilla warrant	Société Générale	CAC40 4500P 1015S	745	1,444
1Y25Z	DE000CR2VKK6	Vanilla warrant	Commerzbank	CAC40 4800C 1215Z	249	1,419
CL12S	FR0011488303	Constant Leverage	Société Générale	CA12L PI OPENS	769	1,407
4467S	FR0012829836	Vanilla warrant	Société Générale	CAC40 4200P 1015S	132	1,384
3555Z	DE000CN1JFR2	Leveraged KO	Commerzbank	CAC40 4200TL 1215Z	251	1,378
I10GS	FR0011630474	Pure indexation	Société Générale	.SGIX PI OPENS	275	1,351
CS17S	FR0012496503	Constant Leverage	Société Générale	CA12S PI OPENS	495	1,348
N433B	FR0012928489	Leveraged KO	BNP Paribas	CAC40 3900TPL1215B	131	1,315
2124S	FR0010511535	Pure indexation	Société Générale	BRENT PI OPENS	194	1,258
7730S	FR0010961060	Constant Leverage	Société Générale	CAC4L PI OPENS	301	1,248
LV15Z	DE000CZ5L7J5	Constant Leverage	Commerzbank	LV15Z PI OPENZ	1,799	1,223
8T62Z	DE000CK9PM99	Constant Leverage	Commerzbank	L5DAX PI OPENZ	50	1,125
3013Z	DE000CN1J3C3	Vanilla warrant	Commerzbank	CAC40 4650P 1015Z	120	1,098
3T84Z	DE000CN4XSW0	Leveraged KO	Commerzbank	DAX 10050TL 1215Z	297	1,085
2U76Z	DE000CN1HY63	Leveraged KO open-end	Commerzbank	NASDQ 4616TPIOPENZ	87	1,060
SGQ5S	FR0012143824	Constant Leverage	Société Générale	CAC5S PI OPENS	154	1,059
3U34Z	DE000CK9PVT8	Constant Leverage	Commerzbank	S5DJI PI OPENZ	41	1,054
1348T	DE000HV05N48	Leveraged KO open-end	Unicredit	CAC40 5475TS OPENT	194	1,016
3U38Z	DE000CK9PVX0	Constant Leverage	Commerzbank	S5SPX PI OPENZ	74	998
1847C	DE000CW3BN04	Leveraged KO	Citi	CAC40 5600TS 1215C	20	921
3G50Z	DE000CN4X9W7	Leveraged KO	Commerzbank	CAC40 4430TL 1015Z	205	911

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