warrants and certificates
Activity

report

Issue 51 October 2015



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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext Markets
Live listings (as of 31/10/2015)	12,961	6,630	1,863	29,278	50,732
Newlistings	3,965	2,089	284	12,896	19,234
Value traded (in M€)	618	14.0	32.4	347	1,012
Value traded YTD (in M€)	7,919	169.3	532.9	4,862	13,482
Traded volume (in M)	274	21.2	26.0	725	1,046
Traded volume YTD (in M)	3,408	201.3	275.9	8,313	12,198
Number of trades	149,332	6,382	8,615	133,605	297,934
Number of trades YTD	1,700,693	67,914	105,881	1,579,102	3,453,590
(Source: Euronext)					

## MANAGE AGRICULTURAL PRICE VOLATILITY

HEDGE AND TRADE WITH THE EUROPEAN GRAIN BENCHMARK

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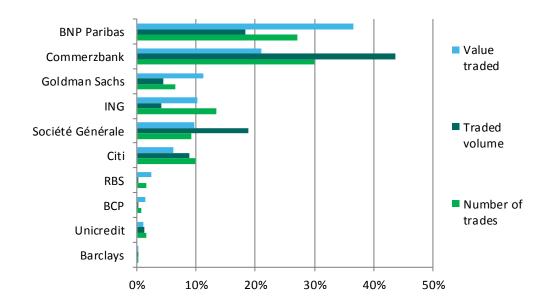
# **Euronext Markets**

#### 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	16.8	-13%	-0.2%	36.6%	8.7	-6.2%	-11%	18.3%	3,663	1.6%	-5.6%	27.0%
Commerzbank	9.7	-12%	-22%	21.0%	20.8	-34%	-9.5%	43.8%	4,067	-9.9%	-8.1%	30.0%
Goldman Sachs	5.2	-42%	-25%	11.2%	2.1	-45%	-20%	4.5%	885	-21%	9.6%	6.5%
ING	4.7	-9.5%	-36%	10.2%	2.0	-23%	-36%	4.1%	1,815	-14%	-29%	13.4%
Société Générale	4.5	-13%	-38%	9.7%	9.0	0.9%	-11%	18.8%	1,252	-23%	-26%	9.2%
Citi	2.9	-3.9%	-38%	6.2%	4.2	-13%	-31%	8.9%	1,329	2.3%	-13%	9.8%
RBS	1.1	-29%	-54%	2.5%	0.1	-51%	-61%	0.3%	209	-28%	-40%	1.5%
BCP	0.7	14%	-53%	1.4%	0.0	-37%	-63%	0.1%	99	21%	-52%	0.7%
Unicredit	0.5	22%	-34%	1.1%	0.6	-1.3%	-36%	1.3%	221	16%	-18%	1.6%
Barclays	0.0	-93%	-96%	0.0%	0.0	-94%	-97%	0.0%	2	-95%	-96%	0.0%
Total	46.0	-17%	-27%		47.5	-23%	-17%		13,542	-9.1%	-16%	

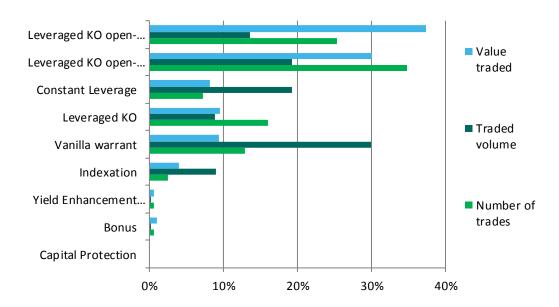


#### **Product types**

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.

		Value t	raded			Traded	volume		Ν	lumber o	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	17.2	-17%	-21%	37.3%	6.5	-17%	-20%	13.6%	3,435	-2.5%	-16%	25.4%
Leveraged KO open-end BEST	13.9	-18%	-28%	30.1%	9.2	-14%	-22%	19.3%	4,716	-4.3%	-12%	34.8%
Constant Leverage	3.7	-13%	-46%	8.1%	9.2	-41%	-18%	19.3%	976	-29%	-36%	7.2%
Leveraged KO	4.4	-15%	-20%	9.5%	4.2	-1.7%	-16%	8.9%	2,178	-9.4%	-9.0%	16.1%
Vanilla warrant	4.3	-27%	-33%	9.4%	14.2	-30%	-27%	29.9%	1,747	-17%	-19%	12.9%
Indexation	1.8	21%	-29%	3.9%	4.2	40%	187%	8.9%	333	-17%	-33%	2.5%
Yield Enhancement & Other	0.3	22%	-32%	0.6%	0.0	77%	-21%	0.1%	78	-6.5%	-23%	0.6%
Bonus	0.5	2.4%	-26%	1.0%	0.0	5.6%	-29%	0.0%	81	1.7%	-23%	0.6%
Capital Protection												
Total	46.0	-17%	-27%		47.5	-23%	-17%		13,542	-9.1%	-16%	

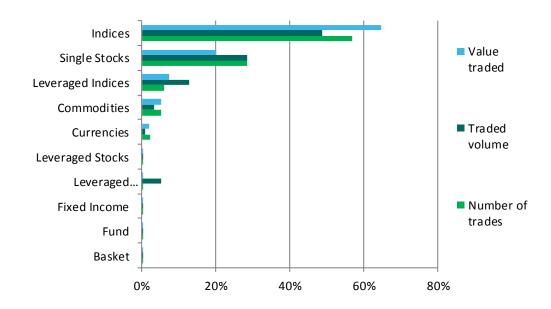


#### **Underlying types**

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	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 M€)	month			(in M)	month				month		
Indices	29.6	-25%	-21%	64.6%	23.2	-22%	-12%	48.9%	7,684	-15%	-12%	57.0%
Single Stocks	9.2	10%	-26%	20.0%	13.5	-10%	-21%	28.5%	3,836	9.2%	-11%	28.5%
Leveraged Indices	3.4	-16%	-47%	7.3%	6.1	-50%	-37%	12.7%	818	-34%	-39%	6.1%
Commodities	2.4	18%	-34%	5.3%	1.6	9.8%	-18%	3.4%	724	15%	-28%	5.4%
Currencies	0.9	30%	-62%	2.0%	0.5	-0.2%	-56%	1.0%	290	4.7%	-45%	2.2%
Leveraged Stocks	0.1	-11%	-60%	0.2%	0.1	45%	8.6%	0.1%	46	-2.8%	-36%	0.3%
Leveraged Commodities	0.1	-0.1%	-58%	0.2%	2.5	-12%	113%	5.3%	42	21%	-42%	0.3%
Fixed Income	0.1	-0.4%	-64%	0.1%	0.0	90%	-33%	0.0%	33	25%	-39%	0.2%
Fund	0.1	-61%	-85%	0.1%	0.0	-62%	-85%	0.0%	3	35%	-73%	0.0%
Basket	0.0	1.7%	-37%	0.1%	0.0	25%	-36%	0.0%	3	8.7%	-45%	0.0%
Total	45.8	-17%	-27%		47.5	-23%	-17%		13,480	-9.3%	-17%	

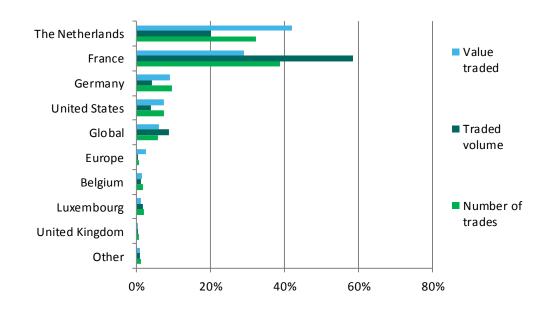


#### Top 10 underlying countries

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 Marke					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	19.4	-28%	-20%	42.1%	9.6	-25%	-24%	20.2%	4,370	-11%	-11%	32.3%
France	13.3	-19%	-30%	29.0%	27.8	-28%	-18%	58.6%	5,238	-17%	-18%	38.7%
Germany	4.1	-4.1%	-37%	9.0%	2.0	-20%	-21%	4.3%	1,292	-6.5%	-16%	9.5%
United States	3.4	24%	-38%	7.4%	1.9	4.6%	-34%	4.0%	1,010	13%	-25%	7.5%
Global	2.7	14%	-35%	5.9%	4.1	-5.1%	31%	8.7%	800	14%	-29%	5.9%
Europe	1.1	69%	-13%	2.5%	0.1	-40%	-49%	0.2%	78	-8.4%	-43%	0.6%
Belgium	0.6	19%	-5.1%	1.4%	0.6	68%	40%	1.3%	234	44%	11%	1.7%
Luxembourg	0.6	59%	-19%	1.2%	0.8	17%	18%	1.7%	281	33%	12%	2.1%
United Kingdom	0.2	15%	-6.2%	0.5%	0.1	15%	18%	0.2%	87	8.0%	8.6%	0.6%
Other	0.4	-25%	-56%	0.9%	0.4	36%	-38%	0.8%	149	0.6%	-33%	1.1%
Total	46.0	-17%	-27%		47.5	-23%	-17%		13,539	-9.1%	-16%	



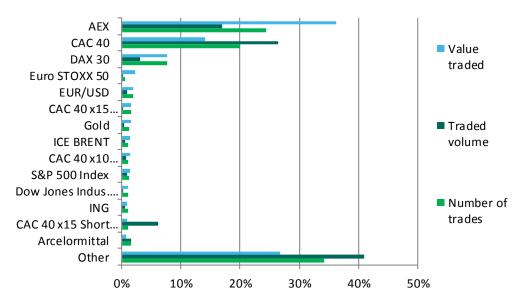
#### Top 15 underlyings

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	16.6	-32%	-17%	36.2%	8.1	-26%	-23%	16.9%	3,311	-16%	-9.4%	24.5%
CAC 40	6.5	-28%	-19%	14.0%	12.6	-20%	1.8%	26.5%	2,717	-19%	-9.7%	20.1%
DAX 30	3.6	-5.0%	-38%	7.7%	1.5	-28%	-31%	3.1%	1,034	-6.9%	-21%	7.6%
Euro STOXX 50	1.1	102%	15%	2.3%	0.1	-40%	-42%	0.2%	71	-7.1%	-41%	0.5%
EUR/USD	0.9	45%	-61%	1.9%	0.4	1.9%	-56%	0.9%	270	7.2%	-45%	2.0%
CAC 40 x15 Leveraged Index	0.7	-8.4%	-66%	1.6%	0.1	-99%	-97%	0.2%	227	-43%	-63%	1.7%
Gold	0.7	33%	-36%	1.5%	0.2	-39%	-37%	0.4%	168	14%	-33%	1.2%
ICE BRENT	0.7	24%	217%	1.4%	0.3	61%	203%	0.6%	143	10%	139%	1.1%
CAC 40 x10 Leveraged Index	0.6	-39%	-53%	1.4%	0.4	-41%	62%	0.7%	153	-50%	-18%	1.1%
S&P 500 Index	0.6	22%	-15%	1.4%	0.4	60%	13%	0.9%	176	15%	-3.6%	1.3%
Dow Jones Indus. Avg.	0.5	-7.3%	-36%	1.1%	0.1	11%	-52%	0.3%	147	-6.1%	-17%	1.1%
ING	0.4	-20%	-51%	1.0%	0.2	-18%	-47%	0.5%	140	-5.8%	-29%	1.0%
CAC 40 x15 Short Index	0.4	0.0%	-30%	0.9%	3.0	242%	-14%	6.2%	149	-11%	-23%	1.1%
Arcelormittal	0.4	50%	-5.0%	0.8%	0.7	16%	19%	1.6%	213	28%	26%	1.6%
Other	12.3	5.0%	-33%	26.8%	19.5	-11%	-14%	41.0%	4,625	6.2%	-18%	34.2%
Total	46.0	-17%	-27%		47.5	-23%	-17%		13,542	-9.1%	-16%	

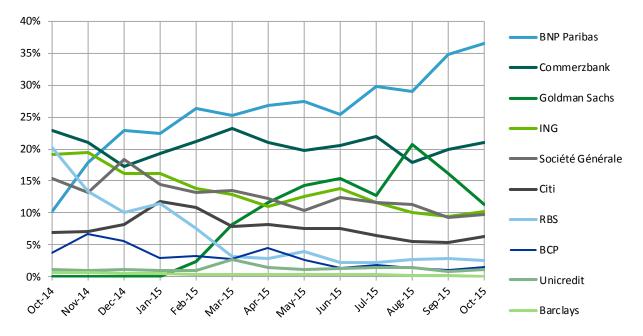




### MARKET TREND: ISSUERS

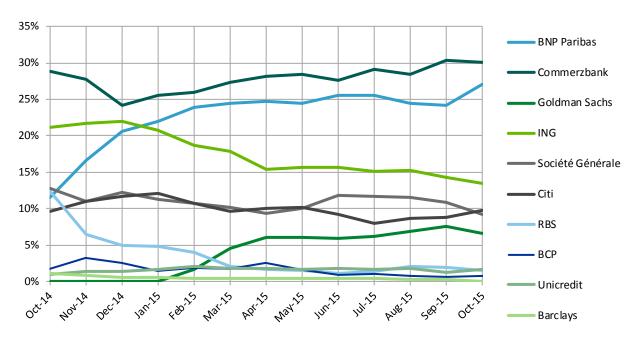
#### Value traded

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

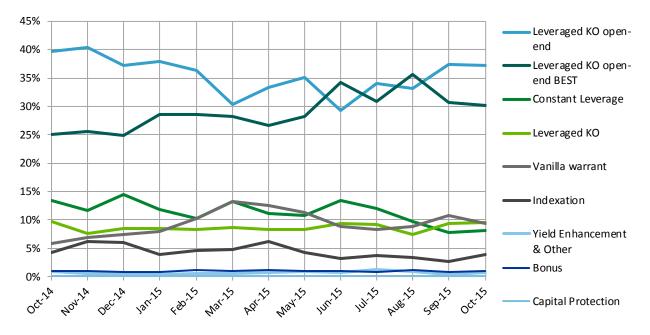
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume across all Euronext markets.



## MARKET TREND: PRODUCT TYPES

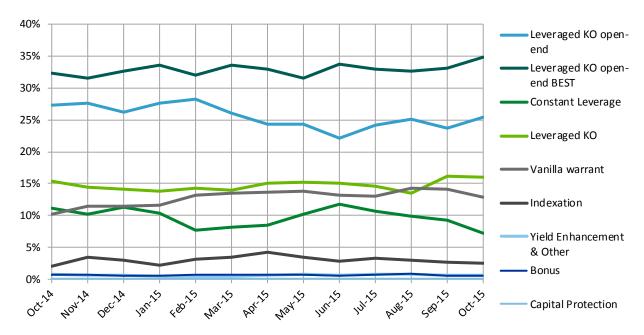
#### Value traded

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

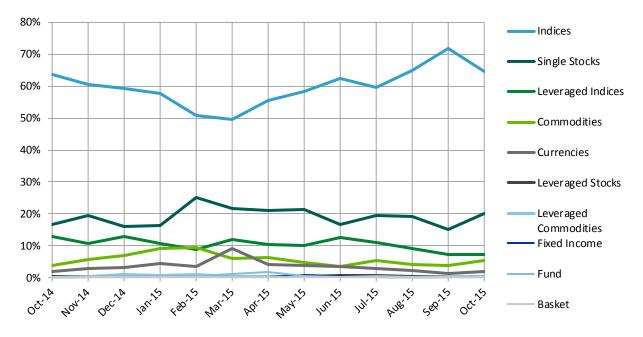
The historical graph below displays the weight of the traded volume of each product type over the total traded volume across all Euronext markets.



## MARKET TREND: UNDERLYING TYPES

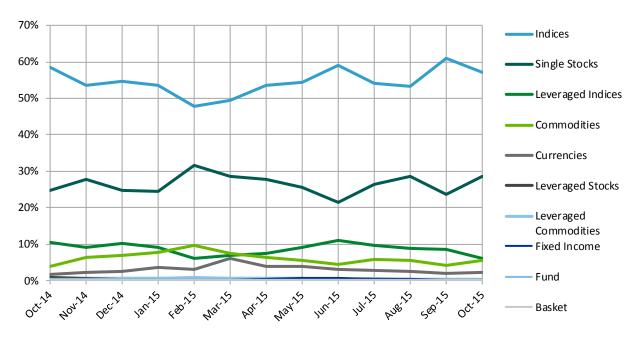
#### Value traded

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

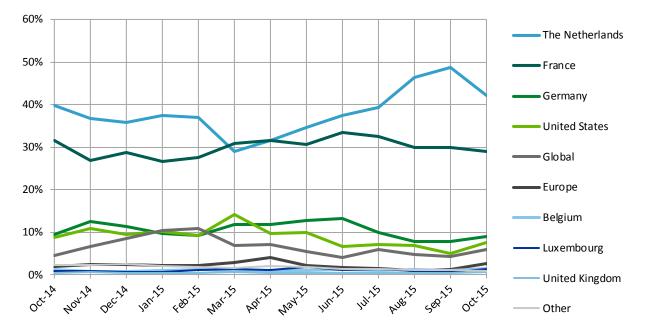
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all Euronext markets.



## MARKET TREND: UNDERLYING COUNTRIES

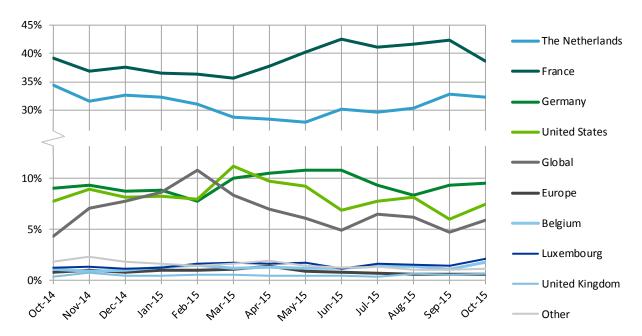
#### Value traded

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

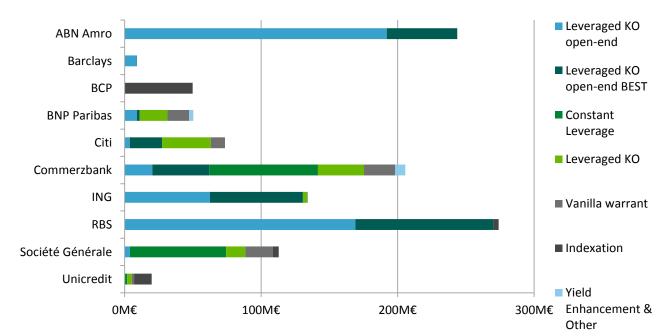
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume across all Euronext markets.



## **ISSUER ACTIVITY**

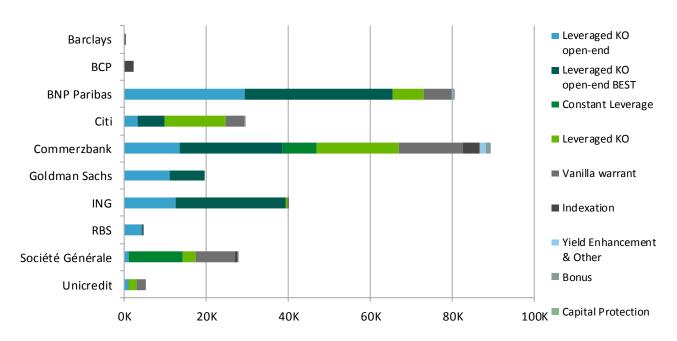
#### Value traded

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.

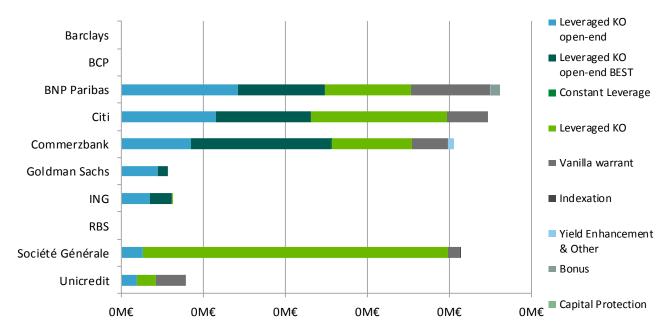


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## **ISSUER ACTIVITY: NEW LISTINGS**

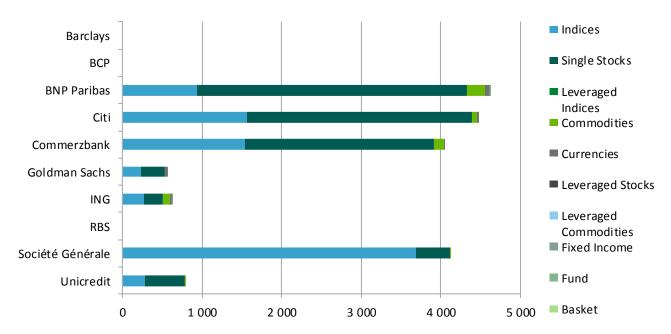
#### **Product types**

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.

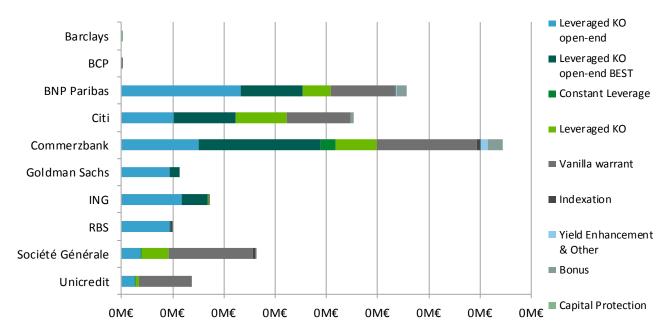


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## **ISSUER ACTIVITY: PRODUCT RANGE**

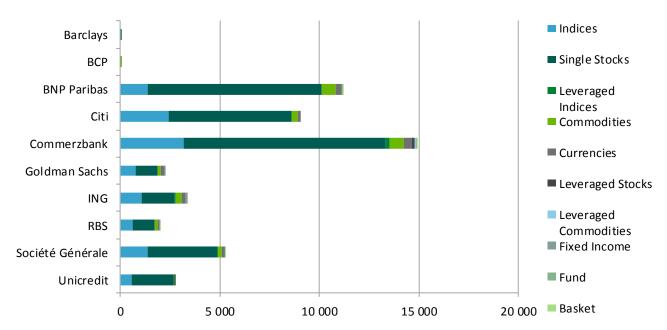
#### **Product types**

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	ISIN Code	Product type	lssuer	Name	Number of	Value traded
symbol	ISIN COUE	Floduct type	135021	Name	trades	
DQ42B	NL0011262423	Leveraged KO open-end	BNP Paribas	AEX 515TS OPENB	78	(in K€) 27,874
AJ56B	NL0011202423	Leveraged KO open-end	BNP Paribas	AEX 378TL OPENB	78	17,185
CK15B	NL0011079405	Leveraged KO open-end	BNP Paribas	AEX 530TS OPENB	57	15,038
69985	FR0011214527	Constant Leverage	Société Générale	CAC10 PI OPENS	2,837	11,156
T801B	FR0011560325	Pure indexation	BNP Paribas	ESTX PI 1021B	2,837	10,351
LR15Z	FR0012928109	Constant Leverage	Commerzbank	CACF LEVOPENZ	3,434	8,761
BF80B	NL0010913828	Leveraged KO open-end BEST	BNP Paribas	AEX 404.1BL OPENB	5,434	8,562
1285H	NL0011037080	Leveraged KO open-end BEST	Goldman Sachs	AEX 404.1BL OPENB AEX 405.5TRLOPENH	126	7,357
C15LS	FR0012937415		Société Générale	C15LV PLOPENS		7,286
FB90B		Constant Leverage Leveraged KO open-end BEST	BNP Paribas		1,554	6,790
77315	NL0011437900	Constant Leverage		AEX 430.1BL OPENB	1,008	6,085
	FR0010961078	8	Société Générale	CAC5L PI OPENS	615	
5913H	NL0011412499	Leveraged KO open-end BEST	Goldman Sachs	AEX 428.2TRLOPENH	85	5,721
CS18S	FR0012496529	Constant Leverage	Société Générale	.CA15 PI OPENS	2,074	5,592
5839H	NL0011411756	Leveraged KO open-end BEST	Goldman Sachs	AEX 412.1TRLOPENH	186	4,991
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	572	4,586
3571Z	DE000CN1JG22	Leveraged KO	Commerzbank	CAC40 4815TS 1115Z	2,624	4,421
3U33Z	DE000CK9PVS0	Constant Leverage	Commerzbank	L5DJI PI OPENZ	62	4,168
EA89B	NL0011270509	Leveraged KO open-end	BNP Paribas	BRENT 45.7TL OPENB	325	4,118
EA11B	NL0011270111	Leveraged KO open-end BEST	BNP Paribas	AEX 455.2BS OPENB	852	3,971
EP99B	NL0011430996	Leveraged KO open-end BEST	BNP Paribas	AEX 448.8BS OPENB	1,207	3,944
FF72B	NL0011441720	Leveraged KO open-end BEST	BNP Paribas	AEX 441.4BL OPENB	873	3,887
FB04B	NL0011437041	Leveraged KO open-end BEST	BNP Paribas	AEX 423.1BL OPENB	660	3,710
EA17B	NL0011270145	Leveraged KO open-end BEST	BNP Paribas	AEX 463.2BS OPENB	1,558	3,709
ST15Z	DE000CR5UQS1	Pure indexation	Commerzbank	CACF PI OPENZ	2,339	3,472
CS16S	FR0012496495	Constant Leverage	Société Générale	CA10S PI OPENS	1,125	3,440
ST12Z	DE000CN1ECC2	Constant Leverage	Commerzbank	CACF SHTOPENZ	825	3,383
F805S	FR0011881234	Vanilla warrant	Société Générale	CAC40 4500P 1215S	375	3,179
DZ55B	NL0011269832	Leveraged KO open-end BEST	BNP Paribas	AEX 404.2BL OPENB	576	3,121
EB39B	NL0011270756	Leveraged KO open-end	BNP Paribas	EUUSD 1.15TS OPENB	72	3,112
CS15S	FR0012901015	Constant Leverage	Société Générale	CA15S PI OPENS	1,214	3,031
EA09B	NL0011270103	Leveraged KO open-end BEST	BNP Paribas	AEX 453.2BS OPENB	1,171	2,887
DY93B	NL0011269527	Leveraged KO open-end BEST	BNP Paribas	AEX 473.5BS OPENB	658	2,870
EA21B	NL0011270160	Leveraged KO open-end BEST	BNP Paribas	AEX 471.2BS OPENB	861	2,839
FA42B	NL0011436423	Leveraged KO open-end BEST	BNP Paribas	AEX 415.BL OPENB	555	2,835
LV10Z	DE000CZ28ZC2	Constant Leverage	Commerzbank	LV10Z FACOPENZ	495	2,816
FB22B	NL0011437223	Leveraged KO open-end	BNP Paribas	AEX 420TL OPENB	444	2,806
DZ17B	NL0011269642	Leveraged KO open-end	BNP Paribas	AEX 473TS OPENB	471	2,712
6154H	NL0011414909	Leveraged KO open-end	Goldman Sachs	AEX 443.9TL OPENH	403	2,675
FI13B	NL0011444138	Leveraged KO open-end BEST	BNP Paribas	AEX 452.5BL OPENB	343	2,660
3022Z	DE000CN1J3M2	Vanilla warrant	Commerzbank	CAC40 4500P 1115Z	268	2,643
EA15B	NL0011270137	Leveraged KO open-end BEST	BNP Paribas	AEX 459.2BS OPENB	550	2,556
5421H	NL0011407572	Leveraged KO open-end	Goldman Sachs	AEX 441.9TS OPENH	300	2,553
DY91B	NL0011269519	Leveraged KO open-end BEST	BNP Paribas	AEX 475.5BS OPENB	247	2,511
0115G	NL0010584215	Leveraged KO open-end	ING	SP500 1714SPLOPENG	173	2,438
5860H	NL0011411962	Leveraged KO open-end	Goldman Sachs	AEX 417.9TL OPENH	309	2,416
5911H	NL0011412473	Leveraged KO open-end BEST	Goldman Sachs	AEX 430.2TRLOPENH	643	2,412
2448H	NL0011048715	Leveraged KO open-end	Goldman Sachs	GOLD 521.3TL OPENH	4	2,352
6163H	NL0011414990	Leveraged KO open-end BEST	Goldman Sachs	AEX 440.6TRLOPENH	213	2,287
7730S	FR0010961060	Constant Leverage	Société Générale	CAC4L PI OPENS	193	2,145
CP61G	NL0011023288	Leveraged KO open-end	ING	AEX 519SPSOPENG	111	2,104



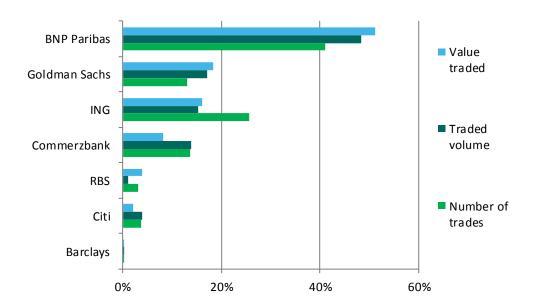
## **Euronext Amsterdam**

#### 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	volume		Ν	lumber o	oftrades	
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 M€)	month			(in M)	month				month		
BNP Paribas	14.4	-14%	6.3%	51.2%	6.0	1.6%	5.8%	48.3%	2,782	16%	4.3%	41.0%
Goldman Sachs	5.2	-42%	-25%	18.4%	2.1	-45%	-20%	17.2%	885	-21%	9.6%	13.0%
ING	4.5	-7.9%	-36%	16.1%	1.9	-22%	-36%	15.4%	1,736	-15%	-30%	25.6%
Commerzbank	2.3	13%	-9.7%	8.2%	1.7	-20%	-18%	14.0%	921	-4.4%	8.7%	13.6%
RBS	1.1	-29%	-54%	4.0%	0.1	-51%	-61%	1.2%	207	-28%	-40%	3.0%
Citi	0.6	9.2%	-60%	2.1%	0.5	4.5%	-49%	4.0%	257	0.1%	-35%	3.8%
Barclays	0.0	52%	-5.8%	0.0%	0.0	43%	-17%	0.0%	0		-19%	0.0%
Total	28.1	-19%	-24%		12.5	-18%	-22%		6,788	-3.8%	-15%	



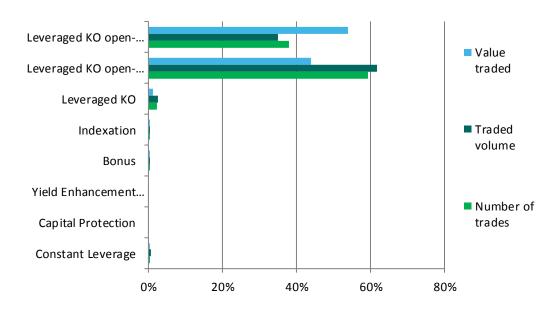
#### **Product types**

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	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	15.1	-19%	-20%	53.9%	4.4	-19%	-20%	35.0%	2,578	-2.7%	-17%	38.0%
Leveraged KO open-end BEST	12.4	-20%	-28%	44.0%	7.7	-18%	-22%	61.8%	4,024	-4.8%	-13%	59.3%
Leveraged KO	0.4	-1.9%	-51%	1.2%	0.3	4.1%	-48%	2.5%	155	1.2%	-31%	2.3%
Indexation	0.1	-29%	-38%	0.5%	0.0	63%	-29%	0.1%	13	8.4%	-35%	0.2%
Bonus	0.1	-46%	-27%	0.3%	0.0	-48%	-53%	0.0%	8	-22%	-22%	0.1%
Yield Enhancement & Other			-100%				-100%				-100%	
Capital Protection												
Constant Leverage	0.0	66%	-23%	0.0%	0.1	-50%	-33%	0.6%	10	30%	8.1%	0.2%
Total	28.1	-19%	-24%		12.5	-18%	-22%		6,788	-3.8%	-15%	

<sup>(</sup>Source: Euronext)

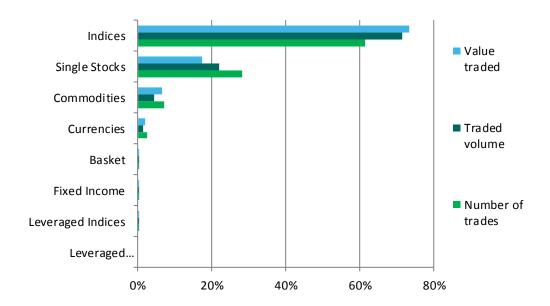


#### **Underlying types**

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	volume		N	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	20.5	-27%	-20%	73.5%	8.9	-23%	-23%	71.6%	4,141	-13%	-12%	61.5%
Single Stocks	4.9	11%	-28%	17.5%	2.7	-6.2%	-17%	22.1%	1,902	18%	-9.1%	28.2%
Commodities	1.9	22%	-32%	6.6%	0.5	32%	-8.7%	4.3%	484	11%	-31%	7.2%
Currencies	0.6	29%	-65%	2.1%	0.2	16%	-60%	1.4%	173	-4.5%	-52%	2.6%
Basket	0.0	9.6%	-38%	0.1%	0.0	25%	-36%	0.0%	3	16%	-46%	0.0%
Fixed Income	0.0	-23%	-73%	0.1%	0.0	42%	-53%	0.1%	23	12%	-47%	0.3%
Leveraged Indices	0.0	6.7%	-43%	0.0%	0.1	-55%	-35%	0.4%	8	22%	-0.9%	0.1%
Leveraged Commodities		-100%	-100%			-100%	-100%			-100%	-100%	
Total	28.0	-19%	-24%		12.4	-18%	-22%		6,734	-4.2%	-15%	

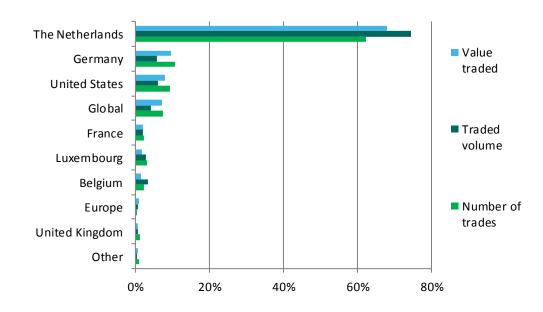


#### Top 10 underlying countries

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 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	19.1	-28%	-19%	68.0%	9.3	-26%	-24%	74.4%	4,232	-11%	-11%	62.3%
Germany	2.7	9.9%	-34%	9.7%	0.7	29%	-23%	5.8%	728	5.0%	-16%	10.7%
United States	2.2	33%	-39%	7.9%	0.7	43%	-38%	6.0%	627	15%	-28%	9.2%
Global	2.0	16%	-33%	7.1%	0.5	25%	-16%	4.1%	502	8.7%	-31%	7.4%
France	0.6	-28%	-30%	2.0%	0.3	-30%	-14%	2.1%	158	-4.9%	-24%	2.3%
Luxembourg	0.5	56%	-21%	1.7%	0.4	19%	33%	2.8%	216	38%	10%	3.2%
Belgium	0.4	10%	-8.8%	1.6%	0.4	59%	52%	3.3%	152	46%	15%	2.2%
Europe	0.2	-14%	-31%	0.9%	0.1	-13%	-29%	0.5%	34	-10.0%	-31%	0.5%
United Kingdom	0.2	23%	5.5%	0.7%	0.1	8.0%	17%	0.7%	81	10%	17%	1.2%
Other	0.1	-50%	-57%	0.5%	0.0	-43%	-72%	0.3%	57	-15%	-38%	0.8%
Total	28.1	-19%	-24%		12.5	-18%	-22%		6,788	-3.8%	-15%	



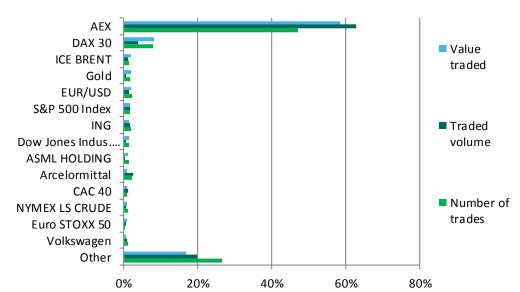
#### Top 15 underlyings

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	16.4	-32%	-16%	58.5%	7.8	-27%	-23%	62.8%	3,194	-17%	-9.6%	47.1%
DAX 30	2.3	11%	-37%	8.2%	0.5	30%	-34%	4.0%	542	6.1%	-24%	8.0%
ICE BRENT	0.6	25%	241%	2.1%	0.1	30%	257%	1.2%	101	4.4%	135%	1.5%
Gold	0.6	53%	-36%	2.0%	0.1	11%	-41%	0.6%	124	17%	-35%	1.8%
EUR/USD	0.5	44%	-65%	1.9%	0.2	19%	-61%	1.3%	158	-2.7%	-52%	2.3%
S&P 500 Index	0.5	42%	3.9%	1.6%	0.2	114%	1.0%	1.7%	109	13%	6.1%	1.6%
ING	0.4	-22%	-52%	1.5%	0.2	-22%	-49%	1.8%	135	-6.7%	-29%	2.0%
Dow Jones Indus. Avg.	0.4	-11%	-31%	1.3%	0.1	24%	-32%	0.6%	103	-8.5%	-7.8%	1.5%
ASML HOLDING	0.4	24%	-31%	1.3%	0.0	13%	-29%	0.4%	98	27%	-13%	1.4%
Arcelormittal	0.3	41%	-2.5%	1.1%	0.3	12%	36%	2.5%	156	29%	33%	2.3%
CAC 40	0.3	-38%	-26%	1.0%	0.1	-32%	6.8%	1.1%	66	-18%	-22%	1.0%
NYMEX LS CRUDE	0.3	74%	-29%	0.9%	0.1	79%	-6.3%	0.6%	76	23%	-22%	1.1%
Euro STOXX 50	0.2	-14%	-30%	0.9%	0.1	-13%	-29%	0.5%	33	-10%	-31%	0.5%
Volkswagen	0.2	17%	125%	0.8%	0.1	52%	176%	1.0%	82	-3.9%	147%	1.2%
Other	4.7	8.6%	-36%	16.9%	2.5	-6.5%	-21%	19.8%	1,809	19%	-20%	26.7%
Total	28.1	-19%	-24%		12.5	-18%	-22%		6,788	-3.8%	-15%	

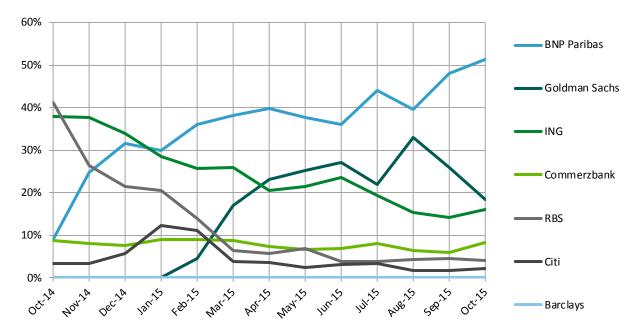




### MARKET TREND: ISSUERS

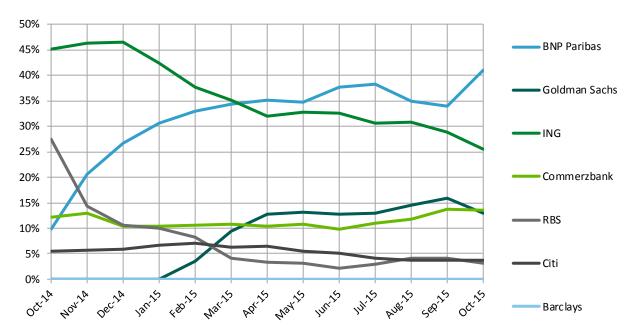
#### Value traded

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

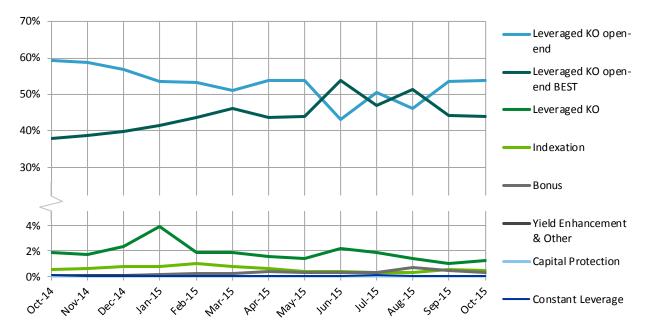
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Amsterdam.



## MARKET TREND: PRODUCT TYPES

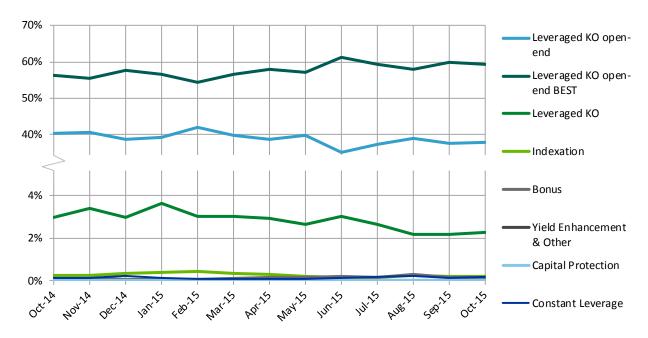
#### Value traded

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

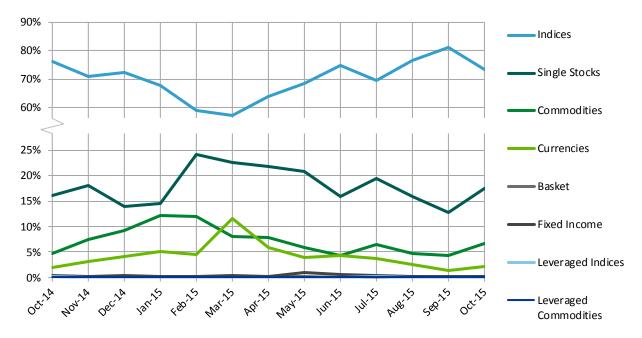
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Amsterdam.



## MARKET TREND: UNDERLYING TYPES

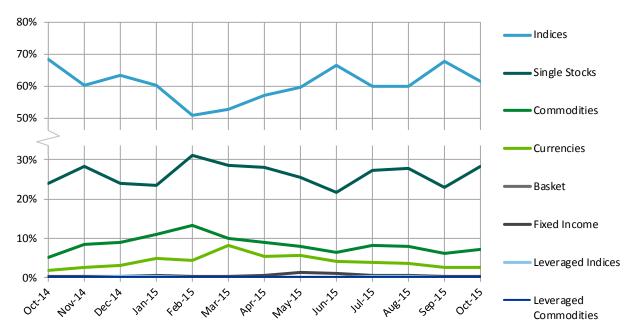
#### Value traded

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.

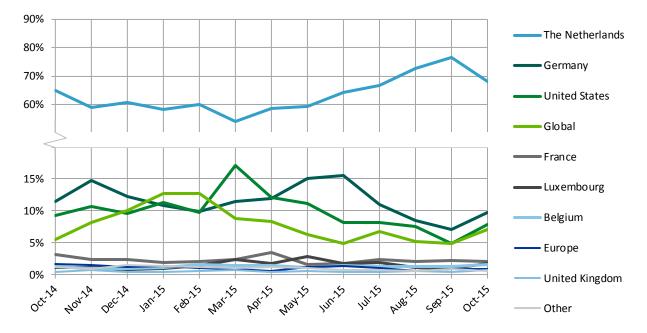


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## MARKET TREND: UNDERLYING COUNTRIES

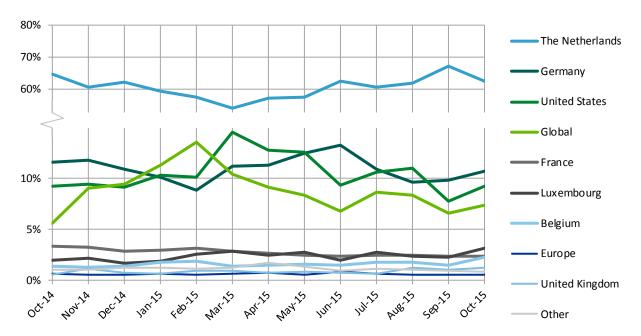
#### Value traded

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.

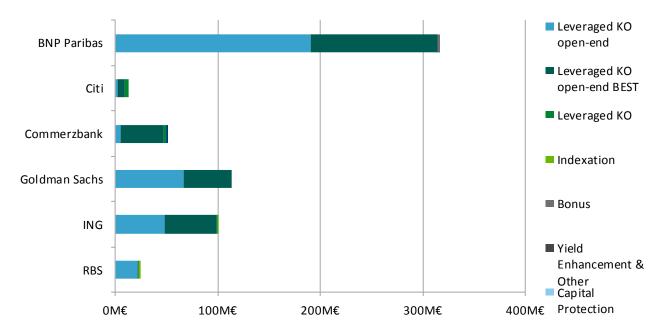


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## **ISSUER ACTIVITY**

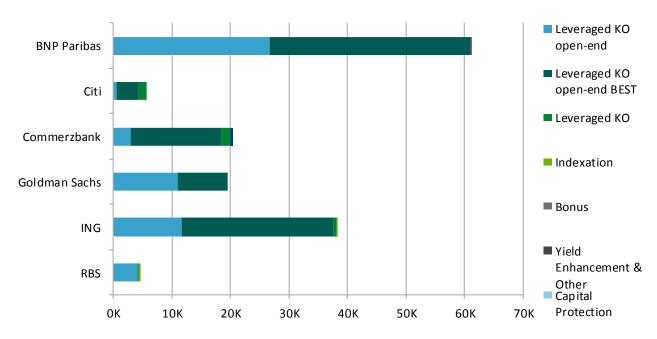
#### Value traded

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.

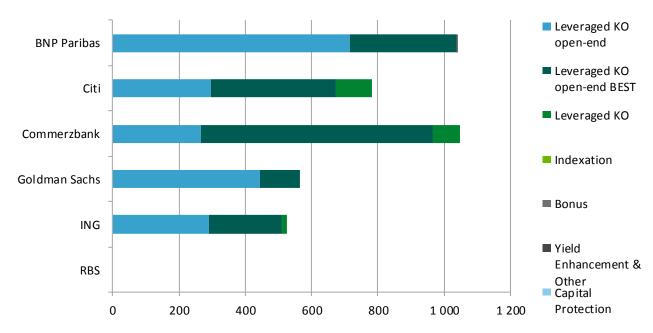


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## **ISSUER ACTIVITY: NEW LISTINGS**

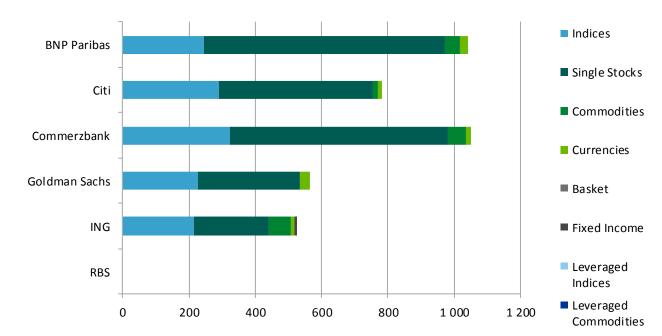
#### **Product types**

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.

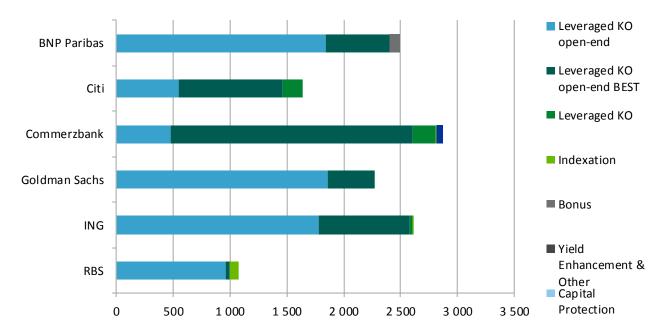


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## ISSUER ACTIVITY: PRODUCT RANGE

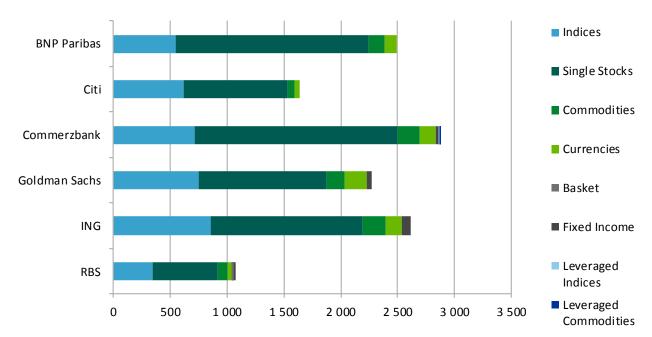
#### **Product types**

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	ISIN Code	Product type	lssuer	Name	Number of	Value traded
symbol	15IN COUE	i toddet type	133061	Name	trades	
DQ42B	NL0011262423	Leveraged KO open-end	BNP Paribas	AEX 515TS OPENB	78	(in K€) 27,874
AJ56B	NL0010891586	Leveraged KO open-end	BNP Paribas	AEX 378TL OPENB	78	17,185
CK15B	NL0011079405	Leveraged KO open-end	BNP Paribas	AEX 578TE OPENB	57	15,038
BF80B	NL0010913828	Leveraged KO open-end BEST	BNP Paribas	AEX 404.1BL OPENB	511	8,562
1285H	NL0011037080	Leveraged KO open-end BEST	Goldman Sachs	AEX 404.1BL OPENB	126	7,357
FB90B	NL0011437900	Leveraged KO open-end BEST	BNP Paribas	AEX 405.5TRLOPENH AEX 430.1BL OPENB	1,008	6,790
5913H	NL0011437900	5	Goldman Sachs		1,008	5,721
5913H 5839H		Leveraged KO open-end BEST		AEX 428.2TRLOPENH		
	NL0011411756	Leveraged KO open-end BEST	Goldman Sachs	AEX 412.1TRLOPENH	186 325	4,991
EA89B	NL0011270509	Leveraged KO open-end	BNP Paribas	BRENT 45.7TL OPENB	852	4,118 3,971
EA11B	NL0011270111	Leveraged KO open-end BEST	BNP Paribas	AEX 455.2BS OPENB		
EP99B	NL0011430996	Leveraged KO open-end BEST	BNP Paribas	AEX 448.8BS OPENB	1,207	3,944
FF72B	NL0011441720	Leveraged KO open-end BEST	BNP Paribas	AEX 441.4BL OPENB	873	3,887
FB04B	NL0011437041	Leveraged KO open-end BEST	BNP Paribas	AEX 423.1BL OPENB	660	3,710
EA17B	NL0011270145	Leveraged KO open-end BEST	BNP Paribas	AEX 463.2BS OPENB	1,558	3,709
DZ55B	NL0011269832	Leveraged KO open-end BEST	BNP Paribas	AEX 404.2BL OPENB	576	3,121
EB39B	NL0011270756	Leveraged KO open-end	BNP Paribas	EUUSD 1.15TS OPENB	72	3,112
EA09B	NL0011270103	Leveraged KO open-end BEST	BNP Paribas	AEX 453.2BS OPENB	1,171	2,887
DY93B	NL0011269527	Leveraged KO open-end BEST	BNP Paribas	AEX 473.5BS OPENB	658	2,870
EA21B	NL0011270160	Leveraged KO open-end BEST	BNP Paribas	AEX 471.2BS OPENB	861	2,839
FA42B	NL0011436423	Leveraged KO open-end BEST	BNP Paribas	AEX 415.BL OPENB	555	2,835
FB22B	NL0011437223	Leveraged KO open-end	BNP Paribas	AEX 420TL OPENB	444	2,806
DZ17B	NL0011269642	Leveraged KO open-end	BNP Paribas	AEX 473TS OPENB	471	2,712
6154H	NL0011414909	Leveraged KO open-end	Goldman Sachs	AEX 443.9TL OPENH	403	2,675
FI13B	NL0011444138	Leveraged KO open-end BEST	BNP Paribas	AEX 452.5BL OPENB	343	2,660
EA15B	NL0011270137	Leveraged KO open-end BEST	BNP Paribas	AEX 459.2BS OPENB	550	2,556
5421H	NL0011407572	Leveraged KO open-end	Goldman Sachs	AEX 441.9TS OPENH	300	2,553
DY91B	NL0011269519	Leveraged KO open-end BEST	BNP Paribas	AEX 475.5BS OPENB	247	2,511
0115G	NL0010584215	Leveraged KO open-end	ING	SP500 1714SPLOPENG	173	2,438
5860H	NL0011411962	Leveraged KO open-end	Goldman Sachs	AEX 417.9TL OPENH	309	2,416
5911H	NL0011412473	Leveraged KO open-end BEST	Goldman Sachs	AEX 430.2TRLOPENH	643	2,412
2448H	NL0011048715	Leveraged KO open-end	Goldman Sachs	GOLD 521.3TL OPENH	4	2,352
6163H	NL0011414990	Leveraged KO open-end BEST	Goldman Sachs	AEX 440.6TRLOPENH	213	2,287
CP61G	NL0011023288	Leveraged KO open-end	ING	AEX 519SPSOPENG	111	2,104
1119H	NL0011035423	Leveraged KO open-end	Goldman Sachs	AEX 405.2TL OPENH	72	2,097
EK85B	NL0011428420	Leveraged KO open-end	BNP Paribas	BRENT 54.2TS OPENB	127	1,972
BE89B	NL0010912911	Leveraged KO open-end	BNP Paribas	AEX 401TL OPENB	167	1,898
4884H	NL0011243167	Leveraged KO open-end BEST	Goldman Sachs	AEX 457.TRSOPENH	175	1,799
4861H	NL0011242938	Leveraged KO open-end	Goldman Sachs	AEX 460.2TS OPENH	350	1,791
FW75G	NL0011374541	Leveraged KO open-end BEST	ING	AEX 425.4SPLOPENG	462	1,783
4924H	NL0011243563	Leveraged KO open-end	Goldman Sachs	AEX 454.2TS OPENH	388	1,745
EA87B	NL0011270491	Leveraged KO open-end	BNP Paribas	BRENT 43.7TL OPENB	159	1,728
4923H	NL0011243555	Leveraged KO open-end	Goldman Sachs	AEX 456.2TS OPENH	278	1,727
BE93B	NL0010912952	Leveraged KO open-end	<b>BNP</b> Paribas	AEX 405TL OPENB	106	1,720
5418H	NL0011407549	Leveraged KO open-end	Goldman Sachs	AEX 447.9TS OPENH	356	1,708
FB89B	NL0011437892	Leveraged KO open-end BEST	BNP Paribas	AEX 429.1BL OPENB	261	1,700
DZ21B	NL0011269667	Leveraged KO open-end	BNP Paribas	AEX 477TS OPENB	245	1,634
U638G	NL0010745089	Leveraged KO open-end	ING	NASDQ 3580SPLOPENG	88	1,604
53BAZ	DE000CR9RWH0	Leveraged KO open-end BEST	Commerzbank	DAX 9141TL OPENZ	131	1,601
44BJZ	DE000CN6EY46	Leveraged KO open-end BEST	Commerzbank	AEX 419.6TL OPENZ	208	1,571
BK93B	NL0010918959	Leveraged KO open-end	BNP Paribas	AEX 407TL OPENB	128	1,557



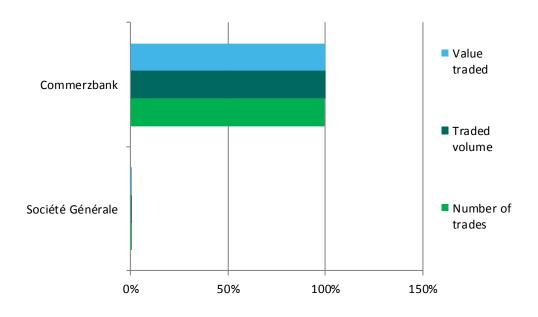
## **Euronext Brussels**

#### 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	634.4	13%	-20%	100.0%	963.8	4.7%	2.0%	100.0%	289	-4.2%	-9.2%	99.8%
Société Générale	0.1		811%	0.0%	0.1		845%	0.0%	1		438%	0.2%
Total	634.5	13%	-20%		963.8	4.7%	2.0%		290	-3.9%	-9.0%	

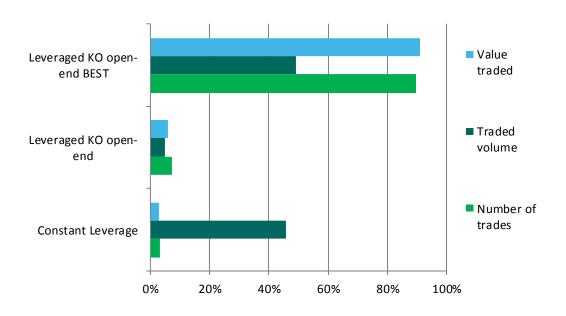


#### **Product types**

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	578.4	15%	-17%	91.2%	474.6	18%	-17%	49.2%	260	-5.2%	-6.1%	89.7%
Leveraged KO open-end	37.8	53%	-32%	6.0%	47.4	164%	-4.7%	4.9%	21	32%	-6.7%	7.1%
Constant Leverage	18.4	-38%	-60%	2.9%	441.7	-11%	36%	45.8%	9	-21%	-53%	3.2%
Total	634.5	13%	-20%		963.8	4.7%	2.0%		290	-3.9%	-9.0%	

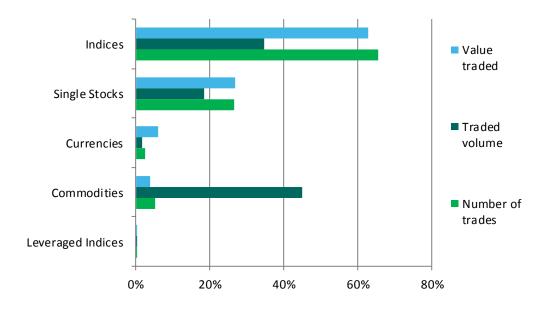


#### **Underlying types**

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	399.6	0.5%	-25%	63.0%	333.9	12%	-23%	34.6%	190	-11%	-5.6%	65.4%
Single Stocks	169.7	63%	12%	26.8%	179.4	2.6%	2.7%	18.6%	77	20%	7.4%	26.7%
Currencies	39.3	23%	-6.3%	6.2%	15.9	43%	-15%	1.7%	7	-17%	-56%	2.5%
Commodities	25.2	6.8%	-62%	4.0%	434.6	0.1%	37%	45.1%	15	8.5%	-47%	5.2%
Leveraged Indices	0.7	-64%	-68%	0.1%	0.1	-97%	-90%	0.0%	0	-53%	-27%	0.1%
Total	634.5	13%	-20%		963.8	4.7%	2.0%		290	-3.9%	-9.0%	

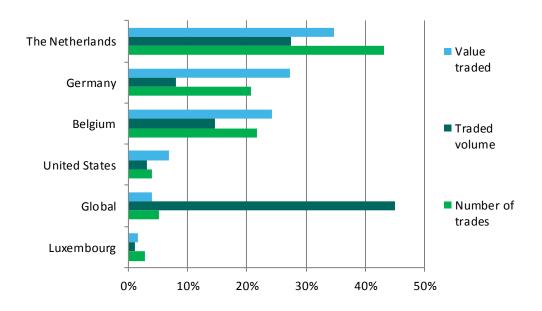


#### Top 10 underlying countries

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	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	219.9	-8.9%	-31%	34.7%	264.4	12%	-27%	27.4%	125	-5.8%	-2.1%	43.1%
Germany	173.0	26%	-12%	27.3%	77.4	35%	11%	8.0%	60	-23%	-6.9%	20.6%
Belgium	154.1	68%	14%	24.3%	141.2	107%	27%	14.7%	63	42%	1.6%	21.7%
United States	43.7	1.2%	-7.0%	6.9%	30.0	-21%	0.9%	3.1%	11	-31%	-43%	3.9%
Global	25.2	6.7%	-62%	4.0%	434.6	0.1%	37%	45.1%	15	8.1%	-48%	5.2%
Luxembourg	9.7	26%	-4.2%	1.5%	10.1	-86%	-69%	1.0%	8	4.1%	77%	2.8%
Other	8.9	-32%	-54%	1.4%	6.1	-34%	-71%	0.6%	8	-12%	-33%	2.6%
Total	634.5	14%	-20%		963.8	4.9%	2%		290	-3.9%	-9%	

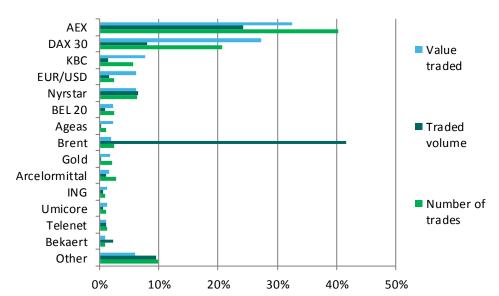


## Top 15 underlyings

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.

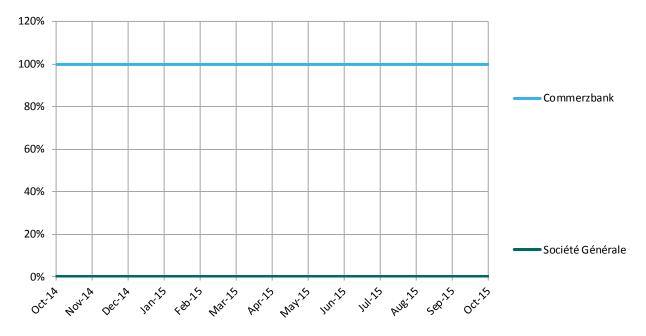
		Value traded Daily Month vs. YTD Market				Traded	volume		Ν	lumber c	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
AEX	206.6	-10%	-33%	32.6%	233.9	13%	-31%	24.3%	117	-1.3%	-2.2%	40.4%
DAX 30	173.0	26%	-12%	27.3%	77.4	35%	11%	8.0%	60	-23%	-6.9%	20.6%
КВС	48.5	113%	85%	7.6%	13.1	182%	146%	1.4%	16	55%	56%	5.6%
EUR/USD	39.3	23%	-6.3%	6.2%	15.9	43%	-15%	1.7%	7	-17%	-56%	2.5%
Nyrstar	38.6	112%	107%	6.1%	63.0	85%	107%	6.5%	18	100%	100%	6.3%
BEL 20	14.5	-13%	-36%	2.3%	8.2	21%	-27%	0.8%	7	-15%	-42%	2.4%
Ageas	14.3	-8.2%	-13%	2.3%	2.6	-16%	-38%	0.3%	3	-16%	-30%	1.0%
Brent	12.6	0.9%	-67%	2.0%	401.1	-5.1%	45%	41.6%	7	-4.9%	-57%	2.4%
Gold	11.1	57%	-34%	1.8%	3.0	-16%	-42%	0.3%	6	22%	-24%	2.1%
Arcelormittal	9.7	26%	-4.2%	1.5%	10.1	-86%	-69%	1.0%	8	4.1%	77%	2.8%
ING	7.7	131%	-17%	1.2%	5.6	133%	-29%	0.6%	3	67%	-20%	0.9%
Umicore	7.6	263%	94%	1.2%	5.6	408%	105%	0.6%	3	100%	94%	1.0%
Telenet	7.1	189%	16%	1.1%	10.4	255%	31%	1.1%	4	126%	-8.7%	1.2%
Bekaert	6.1	198%	-29%	1.0%	22.3	318%	14%	2.3%	3	87%	-36%	0.9%
Other	37.8	-24%	-48%	5.9%	91.8	8.8%	-19%	9.5%	29	-27%	-30%	9.9%
Total	634.5	13%	-20%		963.8	4.7%	2.0%		290	-3.9%	-9.0%	



## MARKET TREND: ISSUERS

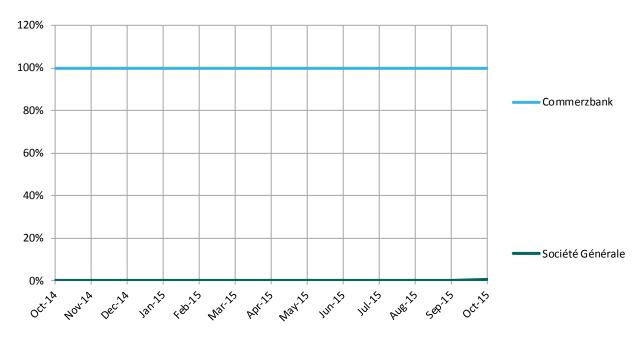
#### Value traded

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

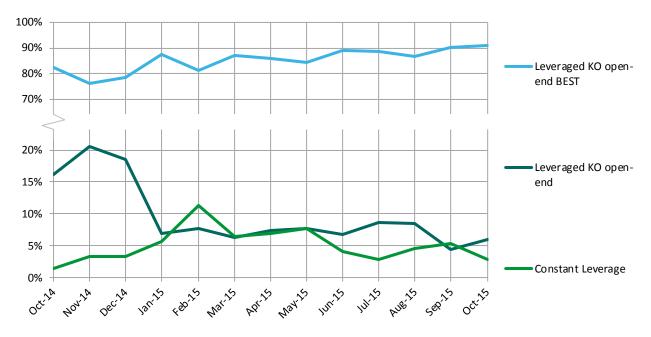
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Brussels.



## MARKET TREND: PRODUCT TYPES

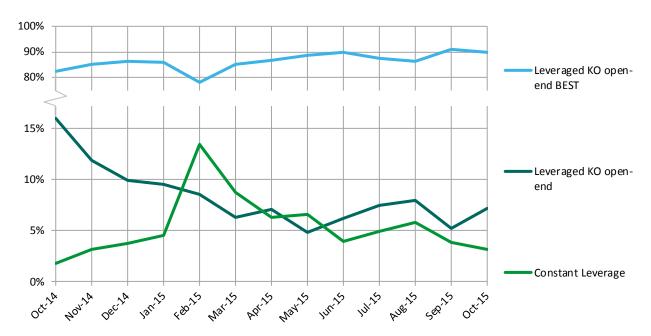
#### Value traded

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

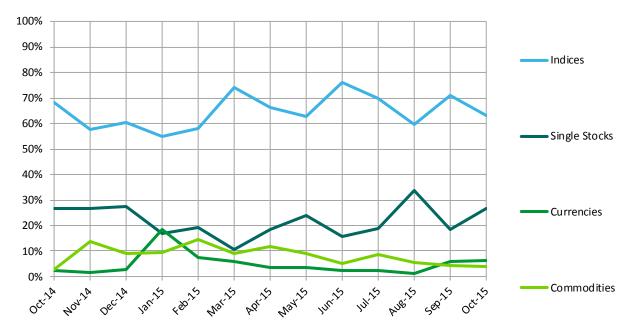
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Brussels.



## MARKET TREND: UNDERLYING TYPES

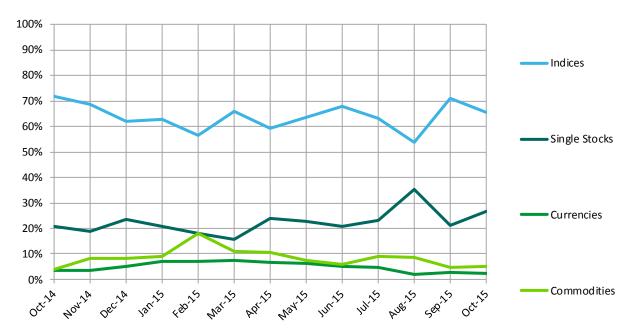
#### Value traded

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.

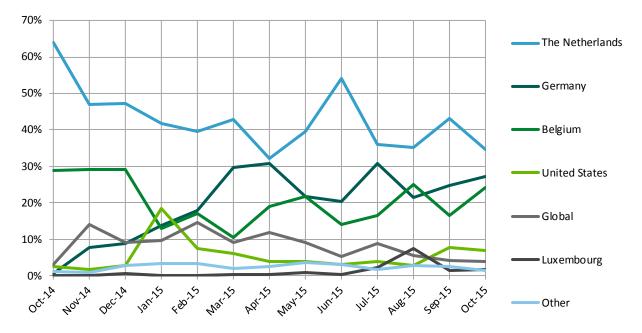


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# MARKET TREND: UNDERLYING COUNTRIES

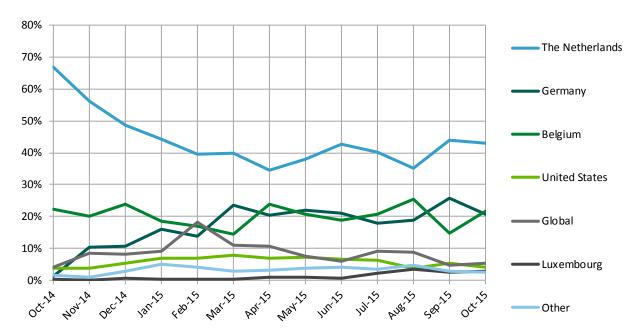
#### Value traded

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

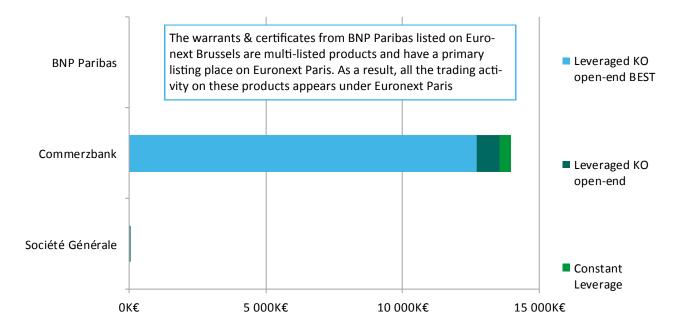
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Brussels.



# **ISSUER ACTIVITY**

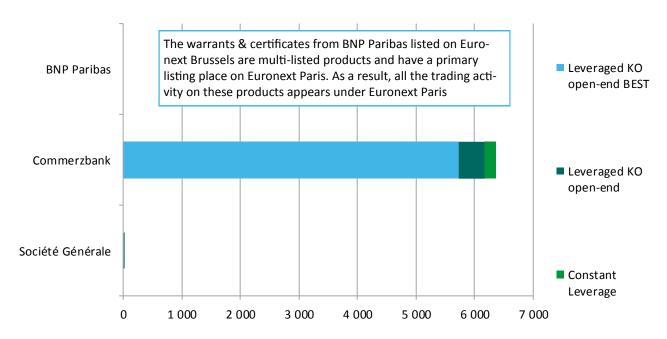
#### Value traded

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.

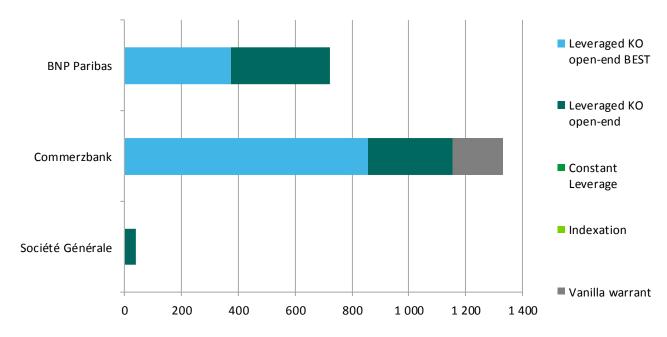


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# **ISSUER ACTIVITY: NEW LISTINGS**

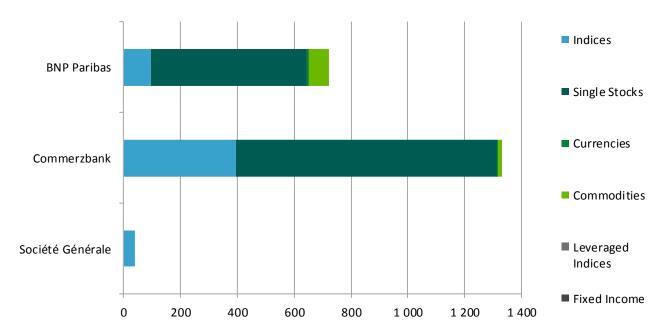
#### **Product types**

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.

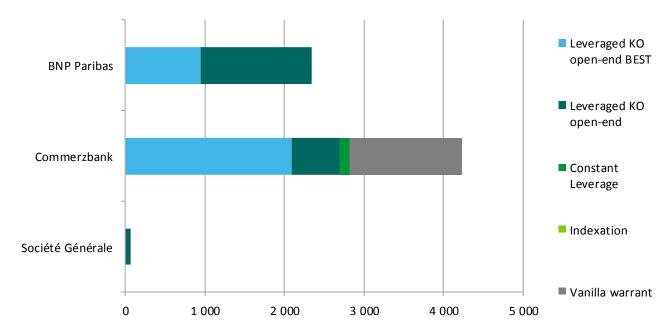


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# ISSUER ACTIVITY: PRODUCT RANGE

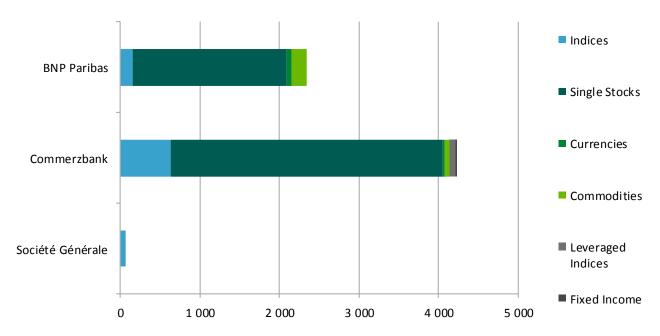
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on Euronext 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		Droductture	lacuar	Nama	Number of	Value
symbol	ISIN Code	Product type	lssuer	Name	trades	tradec (in K€
37LNZ	DE000CN1W186	Leveraged KO open-end BEST	Commerzbank	DAX 10673TL OPENZ	157	589
27LNZ	DE000CN1W178	Leveraged KO open-end BEST	Commerzbank	DAX 10573TL OPENZ	84	472
43BNZ	DE000CN1W061	Leveraged KO open-end BEST	Commerzbank	AEX 450.1TL OPENZ	93	371
72Z7Z	DE000CR0KHR4	Leveraged KO open-end BEST	Commerzbank	KBC 51.8TL OPENZ	77	364
24WIZ	DE000CN1VV43	Leveraged KO open-end BEST	Commerzbank	AEX 421.7TL OPENZ	43	300
46BDZ	DE000CN1VJW9	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.18TS OPENZ	8	293
66LJZ	DE000CN1VVV6	Leveraged KO open-end BEST	Commerzbank	DAX 9865TL OPENZ	91	292
56LJZ	DE000CN1VVU8	Leveraged KO open-end BEST	Commerzbank	DAX 9765TL OPENZ	87	284
66BDZ	DE000CN1VJY5	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.16TS OPENZ	32	259
68LFZ	DE000CN1VQ08	Leveraged KO open-end BEST	Commerzbank	DAX 10324TS OPENZ	109	243
13BMZ	DE000CN1VYE6	Leveraged KO open-end BEST	Commerzbank	AEX 434.TL OPENZ	62	209
35W3Z	DE000CM8MSH6	Constant Leverage	Commerzbank	BRENT FACOPENZ	128	202
86AXZ	DE000CN1VAW8	Leveraged KO open-end BEST	Commerzbank	DAX 11145TS OPENZ	13	199
83H4Z	DE000CM8NDN4	Leveraged KO open-end	Commerzbank	NYRST 1.7TCIOPENZ	84	196
16LJZ	DE000CN1VVQ6	Leveraged KO open-end BEST	Commerzbank	AEX 435.7TL OPENZ	45	196
26LJZ	DE000CN1VVR4	Leveraged KO open-end BEST	Commerzbank	AEX 437.7TL OPENZ	110	196
73BJZ	DE000CN1VVJ1	Leveraged KO open-end BEST	Commerzbank	AEX 433.7TL OPENZ	107	193
97KZZ	DE000CN1VFA3	Leveraged KO open-end BEST	Commerzbank	NYRST 1.53TL OPENZ	27	192
37BAZ	DE000CN1VGE3	Leveraged KO open-end BEST	Commerzbank	KBC 53.57TL OPENZ	87	191
93KWZ	DE000CN1V9R2	Leveraged KO open-end BEST	Commerzbank	DAX 11246TS OPENZ	29	18
75BLZ	DE000CN1VXA6	Leveraged KO open-end BEST	Commerzbank	AEX 439.7TL OPENZ	82	179
46WMZ	DE000CN1VZT1	Leveraged KO open-end BEST	Commerzbank	AEX 446.1TL OPENZ	63	173
56WFZ	DE000CN1V211 DE000CN1VQA0	Leveraged KO open-end BEST	Commerzbank	DAX 10224TS OPENZ	72	168
17WLZ	DE000CN1VY32	Leveraged KO open-end BEST	Commerzbank	AEX 440.9TS OPENZ	106	163
18BMZ	DE000CN1VYU2	Leveraged KO open-end BEST	Commerzbank	AEX 440.515 OF ENZ	94	147
3517Z	DE000CR0JSL6	Leveraged KO open-end BEST	Commerzbank	BEL20 3054TL OPENZ	44	143
53BJZ	DE000CN1VVG7	Leveraged KO open-end BEST	Commerzbank	AEX 429.7TL OPENZ	43	14(
36LNZ	DE000CN1W0Z3	Leveraged KO open-end BEST	Commerzbank	AEX 425.7TE OF ENZ	129	140
86KXZ	DE000CN1VBW6	Leveraged KO open-end BEST	Commerzbank	DAX 11044TS OPENZ	20	138
38BMZ	DE000CN1VBW0	Leveraged KO open-end BEST	Commerzbank	DAX 9970TL OPENZ	59	132
41BIZ	DE000CN1V1V8	Leveraged KO open-end BEST	Commerzbank	DAX 9363TL OPENZ	40	132
4101Z 89LLZ	DE000CN1V010	Leveraged KO open-end BEST	Commerzbank	KBC 58.22TS OPENZ	21	122
63BJZ	DE000CN1VVH5	Leveraged KO open-end BEST	Commerzbank	AEX 431.7TL OPENZ	52	114
39KWZ	DE000CN1V9Y8	Leveraged KO open-end BEST	Commerzbank		18	112
57AGZ	DE000CR0KW54	Leveraged KO open-end BEST	Commerzbank	KBC 63.56TS OPENZ EUUSD 1.07TL OPENZ	18	113
78AYZ	DE000CN1VDE0		Commerzbank		78	
		Leveraged KO open-end BEST	Commerzbank	AEX 455.TS OPENZ	78 48	107
94WGZ	DE000CN1VSH1	Leveraged KO open-end BEST		ARCMI 4.14TL OPENZ		100
15T8Z	DE000CR0K7P5	Leveraged KO open-end BEST	Commerzbank	ING 10.7TL OPENZ	18	104
62Z7Z	DE000CR0KHG7	Leveraged KO open-end BEST	Commerzbank	AGEAS30.53TL OPENZ	18	104
12N8Z	DE000CR0JZY4	Leveraged KO open-end BEST	Commerzbank	KBC 42.46TL OPENZ	39	103
69LEZ	DE000CN1VN19	Leveraged KO open-end BEST	Commerzbank	AEX 448.3TS OPENZ	106	98
69WJZ	DE000CN1VX90	Leveraged KO open-end BEST	Commerzbank	GOLD 1116TL OPENZ	38	90
67Y4Z	DE000CM8NZD8	Leveraged KO open-end	Commerzbank	NYRST 2.25TCIOPENZ	30	92
44WIZ	DE000CN1VV68	Leveraged KO open-end BEST	Commerzbank	AEX 425.7TL OPENZ	42	91
37WMZ	DE000CN1W012	Leveraged KO open-end BEST	Commerzbank	NYRST 2.24TS OPENZ	23	9:
63BNZ	DE000CN1W087	Leveraged KO open-end BEST	Commerzbank	DAX 10273TL OPENZ	36	86
78LMZ	DE000CN1VZ72	Leveraged KO open-end BEST	Commerzbank	AEX 444.1TL OPENZ	48	86
82Z7Z	DE000CR0KJ02	Leveraged KO open-end BEST	Commerzbank	TELEN44.41TL OPENZ	35	8
68AYZ	DE000CN1VDD2	Leveraged KO open-end BEST	Commerzbank	AEX 457.TS OPENZ	47	83
96KXZ	DE000CN1VBX4 uronext)	Leveraged KO open-end BEST	Commerzbank	DAX 10944TS OPENZ	53	82



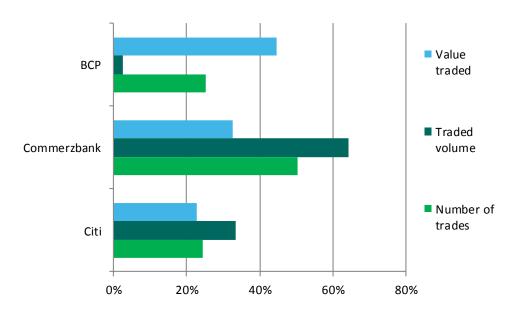
# **Euronext Lisbon**

#### 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	olume		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	657.4	14%	-53%	44.6%	28.0	-37%	-63%	2.4%	99	21%	-52%	25.2%	
Commerzbank	481.1	4.2%	-21%	32.6%	761.8	35%	-1.6%	64.3%	197	15%	3.9%	50.3%	
Citi	336.2	39%	-33%	22.8%	394.3	59%	-12%	33.3%	96	-3.3%	-6.8%	24.5%	
Total	1,474.6	15%	-41%		1,184.0	38%	-8.6%		392	11%	-21%		

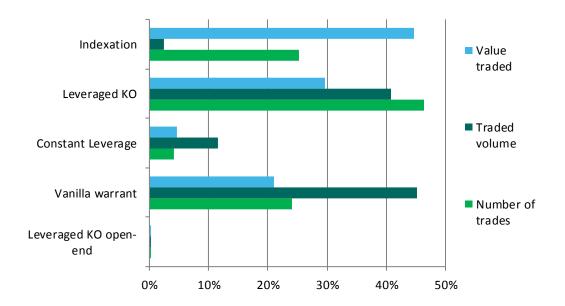


#### **Product types**

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 t	raded			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	657.9	14%	-53%	44.6%	29.2	-35%	-61%	2.5%	99	21%	-52%	25.3%
Leveraged KO	438.1	72%	-11%	29.7%	483.6	117%	5.0%	40.8%	181	16%	-5.9%	46.3%
Constant Leverage	68.9	3.8%	-45%	4.7%	136.0	37%	-15%	11.5%	16	-6.7%	-12%	4.2%
Vanilla warrant	309.2	-18%	-37%	21.0%	534.8	9.6%	-11%	45.2%	94	-1.1%	18%	24.0%
Leveraged KO open-end	0.6	-84%	-76%	0.0%	0.4	-67%	-76%	0.0%	1	-52%	-39%	0.2%
Total	1,474.6	15%	-41%		1,184.0	38%	-8.6%		392	11%	-21%	

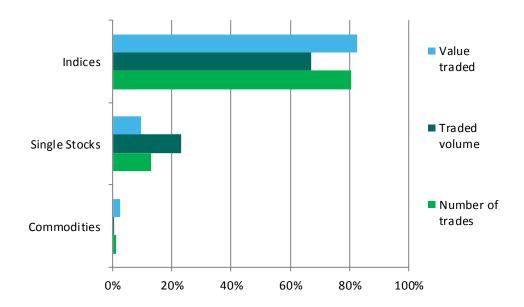


#### **Underlying types**

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 c	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	1,208.2	9.0%	-42%	82.7%	764.0	37%	-8.3%	67.0%	313	10%	-24%	80.5%
Single Stocks	138.8	96%	-25%	9.5%	264.8	54%	-1.7%	23.2%	51	30%	-6.8%	13.1%
Commodities	37.3	45%	-46%	2.6%	6.4	-72%	-74%	0.6%	5	15%	-37%	1.3%
Leveraged Indices	31.6	-20%	-50%	2.2%	29.4	-1.0%	-47%	2.6%	5	-55%	-13%	1.3%
Currencies	21.4	190%	-13%	1.5%	12.8	167%	52%	1.1%	7	-17%	89%	1.7%
Leveraged Stocks	21.1	13%	-43%	1.4%	21.0	3.4%	-11%	1.8%	8	76%	-6.6%	1.9%
Leveraged Commodities	3.3	-9.5%	-75%	0.2%	41.1	61%	-29%	3.6%	1	-17%	-66%	0.2%
Total	1,461.6	15%	-41%		1,139.5	37%	-11%		389	11%	-21%	

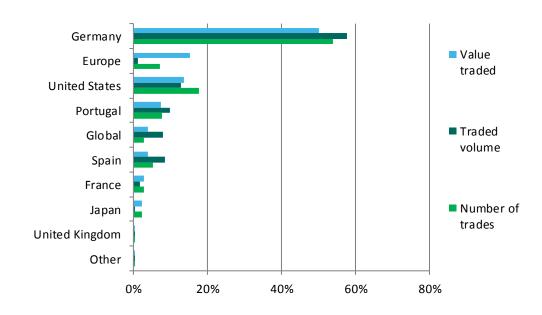


#### Top 10 underlying countries

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 v	volume		Ν	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 K€)	month			(in K)	month				month		
Germany	740.7	7.1%	-29%	50.2%	681.9	17%	-2.0%	57.6%	211	2.9%	-9.6%	53.9%
Europe	226.3	21%	-53%	15.3%	14.3	6.7%	-57%	1.2%	28	16%	-54%	7.1%
United States	200.0	33%	-51%	13.6%	153.3	135%	-16%	12.9%	69	22%	-25%	17.6%
Portugal	108.9	88%	-17%	7.4%	116.4	136%	37%	9.8%	30	44%	-12%	7.7%
Global	59.4	51%	-41%	4.0%	94.3	28%	-11%	8.0%	11	33%	-27%	2.7%
Spain	57.5	17%	-60%	3.9%	100.6	103%	-13%	8.5%	21	42%	-18%	5.3%
France	41.5	3.4%	-36%	2.8%	21.5	-4.7%	-56%	1.8%	11	-16%	-17%	2.8%
Japan	32.9	-20%	-63%	2.2%	0.2	-23%	-62%	0.0%	9	23%	-54%	2.2%
United Kingdom	7.1	-67%	-78%	0.5%	0.5	-24%	-68%	0.0%	1	-37%	-64%	0.4%
Other	0.2		-38%	0.0%	0.9		124%	0.1%	1		86%	0.2%
Total	1,474.6	15%	-41%		1,184.0	38%	-6.7%		392	11%	-21%	

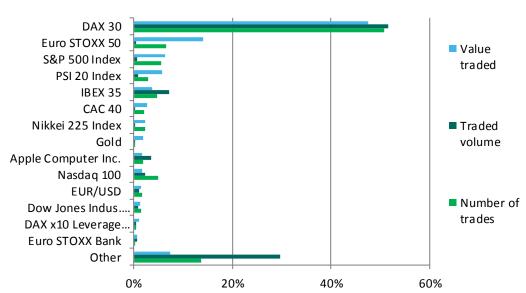


## Top 15 underlyings

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.

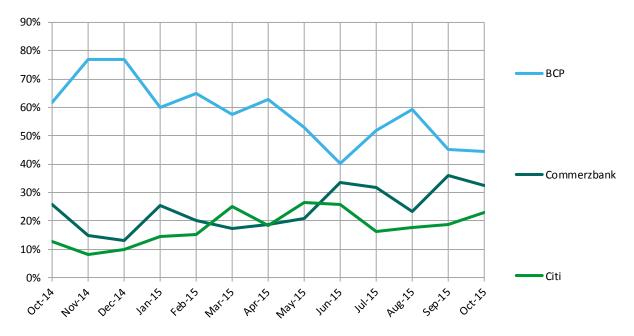
		Value traded				Traded	volume		Ν	lumber c	oftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
DAX 30	700.9	9.7%	-28%	47.5%	610.9	34%	2.4%	51.6%	199	8.0%	-8.9%	50.9%
Euro STOXX 50	208.4	19%	-54%	14.1%	6.4	16%	-50%	0.5%	26	18%	-54%	6.6%
S&P 500 Index	95.1	4.4%	-56%	6.4%	8.7	-4.8%	-63%	0.7%	22	21%	-49%	5.6%
PSI 20 Index	86.2	117%	-19%	5.8%	11.2	264%	26%	0.9%	11	25%	-39%	2.9%
IBEX 35	56.3	17%	-60%	3.8%	85.4	102%	-22%	7.2%	19	42%	-21%	4.8%
CAC 40	39.5	2.5%	-37%	2.7%	4.5	-64%	-88%	0.4%	8	-16%	-25%	2.1%
Nikkei 225 Index	32.9	-20%	-63%	2.2%	0.2	-23%	-62%	0.0%	9	23%	-54%	2.2%
Gold	27.5	617%	211%	1.9%	0.3	598%	73%	0.0%	0		-56%	0.1%
Apple Computer Inc.	25.9	358%	-38%	1.8%	41.8	278%	-40%	3.5%	7	167%	-12%	1.9%
Nasdaq 100	24.3	7.5%	-39%	1.6%	27.2	49%	-2.1%	2.3%	19	-0.2%	-9.2%	4.9%
EUR/USD	21.4	190%	-13%	1.5%	12.8	167%	52%	1.1%	7	-17%	89%	1.7%
Dow Jones Indus. Avg.	20.2	45%	-63%	1.4%	10.4	292%	223%	0.9%	6	52%	-47%	1.5%
DAX x10 Leverage Index	17.4	43%	-63%	1.2%	5.9	32%	124%	0.5%	2	-60%	-18%	0.6%
Euro STOXX Bank	10.0	-4.1%	-66%	0.7%	7.5	-3.6%	-62%	0.6%	1	-26%	-41%	0.4%
Other	108.5	-16%	-50%	7.4%	350.8	26%	-6.3%	29.6%	54	16%	-3.4%	13.8%
Total	1,474.6	15%	-41%		1,184.0	38%	-8.6%		392	11%	-21%	



## MARKET TREND: ISSUERS

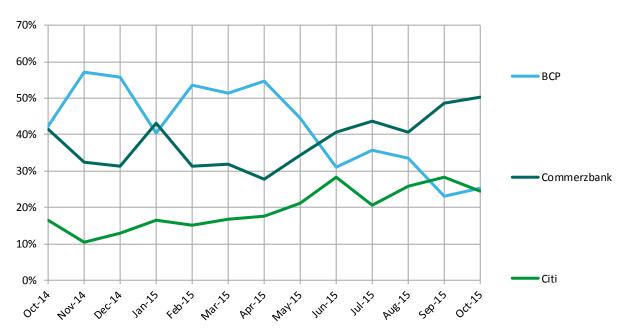
#### Value traded

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

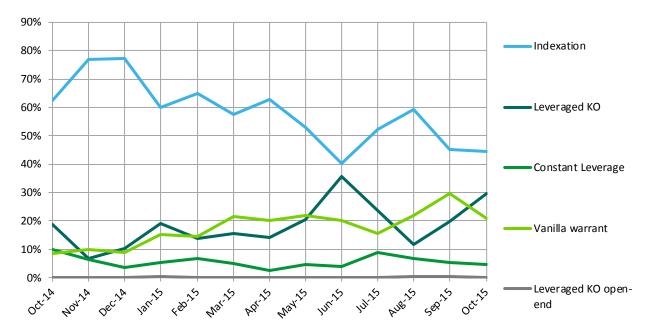
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Lisbon.



## MARKET TREND: PRODUCT TYPES

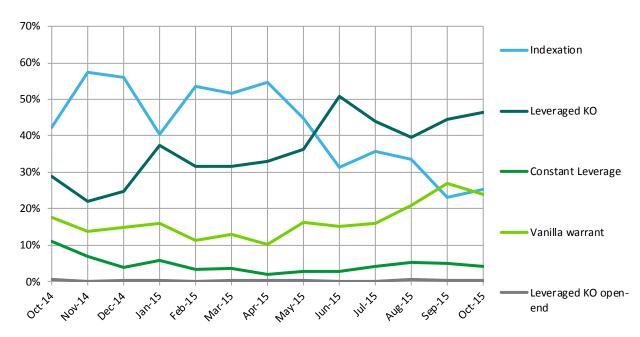
#### Value traded

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

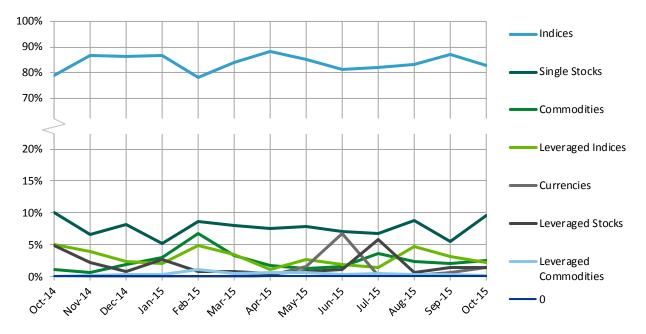
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Lisbon.



## MARKET TREND: UNDERLYING TYPES

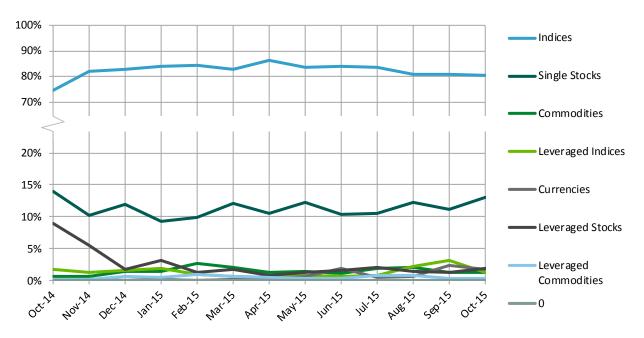
#### Value traded

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

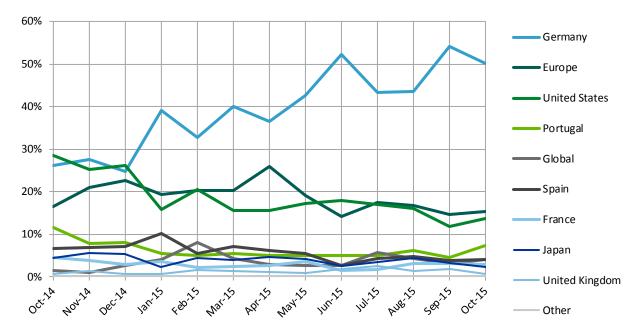
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Lisbon.



# MARKET TREND: UNDERLYING COUNTRIES

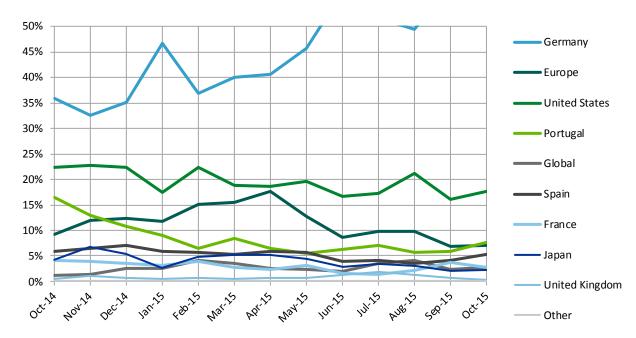
#### Value traded

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

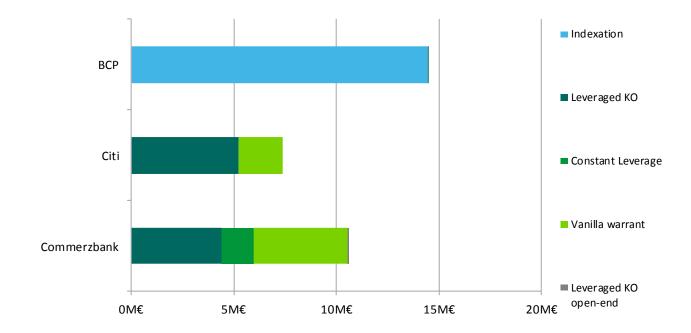
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Lisbon.



# **ISSUER ACTIVITY**

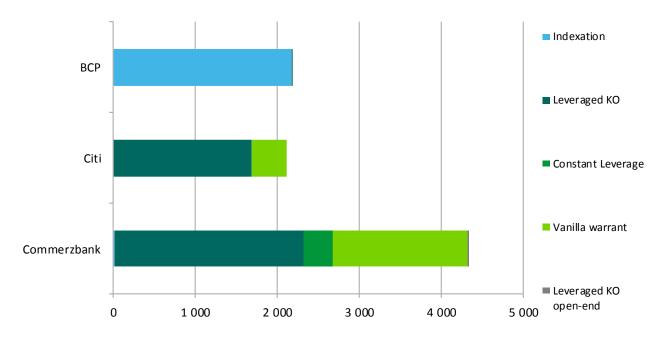
#### Value traded

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.

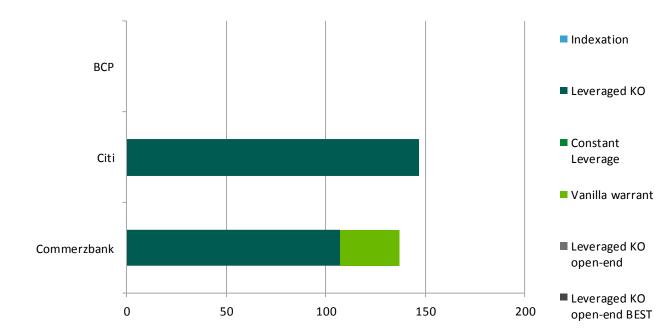


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# **ISSUER ACTIVITY: NEW LISTINGS**

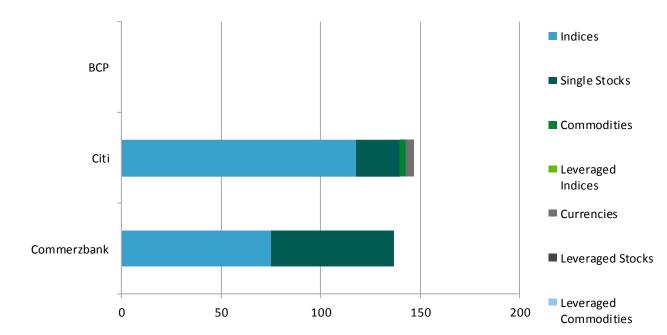
#### **Product types**

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.

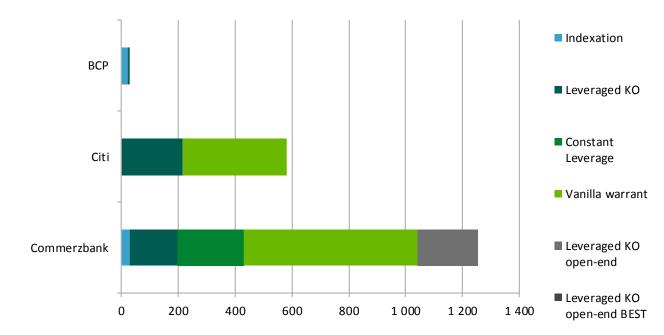


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# **ISSUER ACTIVITY: PRODUCT RANGE**

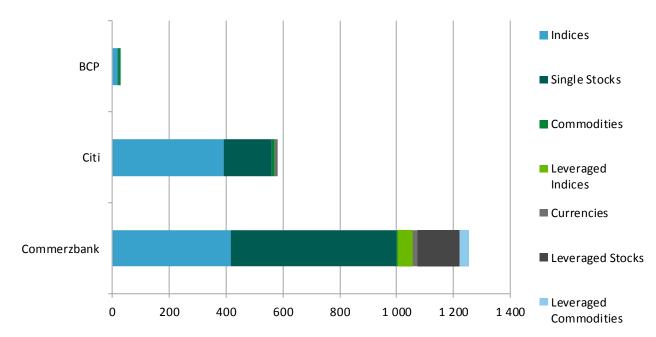
#### **Product types**

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		Dura durat tura a	lanuar	Nama	Number of	Value
symbol	ISIN Code	Product type	lssuer	Name	trades	traded
1025P	PTBIVRYE0068	Pure indexation	ВСР	ESTX PI OPENP	572	(in K€) 4,586
1025P 1029P	PTBITAYE0068	Pure indexation	ВСР	SP500 PLOPENP	429	4,586 2,046
1029P 1027P		Pure indexation	ВСР		233	2,046
	PTBITEYE0034					
1028P	PTBIY1YE0064	Pure indexation	BCP	PSI 2 PI OPENP	171	1,733
Z431Z	DE000CR8JYD4	Vanilla warrant	Commerzbank	DAX 10200C 0316Z	150	995
V529Z	DE000CR18B71	Vanilla warrant	Commerzbank	DAX 10500P 1215Z	148	967
1040P	PTBIWKYE0023	Pure indexation	BCP	CAC40 PI OPENP	140	731
1032P	PTBCS1YE0010	Pure indexation	BCP	NIKEI PI OPENP	191	724
1023P	PTBIXRYE0025	Pure indexation	BCP	IBEX PI OPENP	129	693
P534C	DE000CW1ZX63	Leveraged KO	Citi	DAX 10200TS 1215C	146	604
1047P	PTBIWWYE0052	Pure indexation	BCP	GOLDF PI OPENP	10	604
V521Z	DE000CR18AZ4	Vanilla warrant	Commerzbank	DAX 11000C 1215Z	91	583
Z811Z	DE000CR8K2G7	Leveraged KO	Commerzbank	DAX 10200TS 1215Z	282	457
1026P	PTBIYZYE0040	Pure indexation	BCP	DJIND PI OPENP	100	407
DAX0Z	DE000CZ4V6D9	Constant Leverage	Commerzbank	DAX FACOPENZ	50	382
P535C	DE000CW1ZX71	Leveraged KO	Citi	DAX 10250TS 1215C	163	366
Z962Z	DE000CR8K6D5	Leveraged KO	Commerzbank	DAX 9950TL 1215Z	43	365
P530C	DE000CW1ZX22	Leveraged KO	Citi	DAX 10000TS 1215C	73	346
Z810Z	DE000CR8K2F9	Leveraged KO	Commerzbank	DAX 10300TS 1215Z	114	345
F294C	DE000CC4AAR9	Vanilla warrant	Citi	DAX 10900C 1215C	49	341
Z424Z	DE000CR8JY65	Vanilla warrant	Commerzbank	DAX 10400C 1215Z	61	326
V520Z	DE000CR18AY7	Vanilla warrant	Commerzbank	DAX 10800C 1215Z	36	314
P332C	DE000CW1ZR87	Leveraged KO	Citi	DAX 11000TS 1215C	36	314
Z883Z	DE000CR8K4L3	Leveraged KO	Commerzbank	DAX 9850TL1215Z	146	266
Z593Z	DE000CB1WEG5	Leveraged KO	Commerzbank	DAX 10900TS 1215Z	215	241
P415C	DE000CW1ZTP2	Leveraged KO	Citi	DAX 9300TL 1215C	77	240
P471C	DE000CW1ZVB8	Leveraged KO	Citi	APPLE 105TL 1215C	47	239
Z521Z	DE000CB1W9C8	Leveraged KO	Commerzbank	DAX 9300TL 1215Z	118	231
Z791Z	DE000CR8K1W6	Leveraged KO	Commerzbank	DAX 10400TS 1215Z	52	228
P162C	DE000CW1ZL83	Vanilla warrant	Citi	DAX 9500P 0316C	8	224
1043P	PTBCLOYE0028	Pure indexation	BCP	ESTBK PI OPENP	29	220
P623C	DE000CW1ZZT1	Leveraged KO	Citi	DAX 9850TL 1215C	82	198
P374C	DE000CW1ZSG3	Leveraged KO	Citi	DAX 10900TS 1215C	106	193
P359C	DE000CW1ZS11	Leveraged KO	Citi	DAX 9000TL 1215C	14	192
P124C	DE000CW1ZK43	Vanilla warrant	Citi	DAX 10700C 0616C	7	187
P678C	DE000CX0D1E9	Leveraged KO	Citi	DAX 10550TL 1215C	, 52	184
1050P	PTBIWBYE0057	Pure indexation	BCP	NASDQ PI OPENP	34	182
P717C	DE000CX0D2K4	Leveraged KO	Citi	APPLE 110TL 1215C	25	179
1039P	PTBIZJYE0064	Pure indexation	BCP	BRENT PLOPENP	50	175
10331P	PTBCSZYE0010	Pure indexation	BCP	FTEPR PLOPENP	9	169
P479C	DE000CW1ZVK9	Leveraged KO	Citi	EUUSD 1.16TS 1215C	26	165
		_	Commerzbank		20 17	
Z853Z	DE000CR8K3Q4	Leveraged KO	Commerzbank	DAX 9350TL 1215Z DAX 11100C 1215C		164
F295C	DE000CC4AAS7	Vanilla warrant			21	164
Z592Z	DE000CB1WEF7	Leveraged KO	Commerzbank	DAX 10800TS 1215Z	38	161
Z805Z	DE000CR8K2A0	Leveraged KO	Commerzbank	EUUSD 1.15TS 1215Z	63	155
F293C	DE000CC4AAQ1	Vanilla warrant	Citi	DAX 10700C 1215C	18	153
1024P	PTBIXQYE0026	Pure indexation	BCP	FTSE PI OPENP	29	150
P536C	DE000CW1ZX89	Leveraged KO	Citi	DAX 10300TS 1215C	86	150
P569C	DE000CW1ZY70	Leveraged KO	Citi	DAX 9250TL 1215C	24	146
EURDZ	DE000CZ4V6J6 Ironext)	Constant Leverage	Commerzbank	EUS10 FACOPENZ	26	142



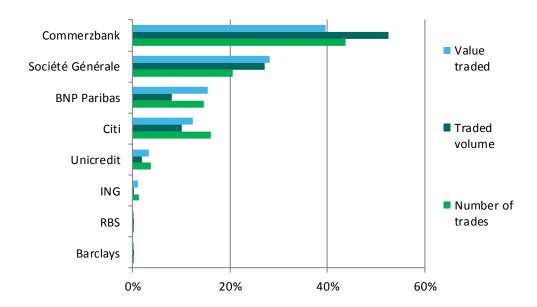
# **Euronext Paris**

#### 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 v	volume		Ν	lumber c	oftrades	
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 M€)	month			(in M)	month				month		
Commerzbank	6.3	-22%	-26%	39.7%	17.3	-38%	-9.4%	52.6%	2,659	-14%	-13%	43.8%
Société Générale	4.5	-13%	-38%	28.2%	9.0	0.9%	-11%	27.2%	1,251	-23%	-26%	20.6%
BNP Paribas	2.4	-3.9%	-27%	15.4%	2.7	-20%	-34%	8.1%	881	-27%	-27%	14.5%
Citi	1.9	-12%	-28%	12.3%	3.3	-19%	-29%	10.1%	976	3.6%	-5.0%	16.1%
Unicredit	0.5	22%	-34%	3.3%	0.6	-1.3%	-36%	1.9%	221	16%	-18%	3.6%
ING	0.2	-39%	-40%	1.0%	0.0	-53%	-42%	0.1%	80	-11%	-0.3%	1.3%
RBS	0.0	19%	-83%	0.0%	0.0	35%	-92%	0.0%	2	-26%	-68%	0.0%
Barclays	0.0	-96%	-98%	0.0%	0.0	-95%	-97%	0.0%	2	-95%	-96%	0.0%
Total	15.8	-15%	-31%		32.9	-27%	-16%		6,073	-15%	-18%	

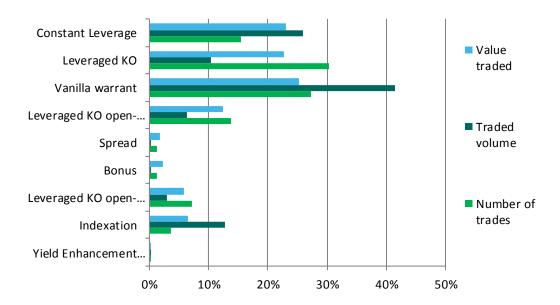


#### **Product types**

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	volume		Ν	lumber o	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	3.6	-13%	-46%	23.0%	8.5	-43%	-20%	25.9%	940	-29%	-36%	15.5%
Leveraged KO	3.6	-21%	-16%	22.8%	3.4	-9.1%	-13%	10.4%	1,842	-12%	-6.9%	30.3%
Vanilla warrant	4.0	-28%	-33%	25.3%	13.7	-31%	-28%	41.5%	1,653	-18%	-20%	27.2%
Leveraged KO open-end	2.0	-2.5%	-26%	12.5%	2.1	-15%	-20%	6.3%	835	-2.5%	-12%	13.7%
Spread	0.3	20%	-32%	1.8%	0.0	79%	-19%	0.1%	76	-7.0%	-23%	1.3%
Bonus	0.4	33%	-26%	2.3%	0.0	28%	-22%	0.1%	73	5.3%	-23%	1.2%
Leveraged KO open-end BEST	0.9	-14%	-31%	5.9%	1.0	13%	-30%	3.0%	432	0.4%	-6.7%	7.1%
Indexation	1.0	38%	6.6%	6.5%	4.2	41%	203%	12.8%	221	-28%	-19%	3.6%
Yield Enhancement & Other	0.0	102%	-2.4%	0.1%	0.0	6.5%	-25%	0.0%	2	21%	-28%	0.0%
Total	15.8	-15%	-31%		32.9	-27%	-16%		6,073	-15%	-18%	

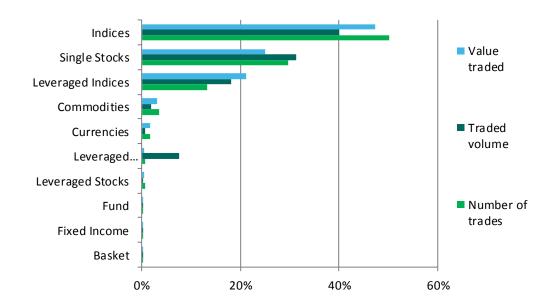


#### **Underlying types**

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	volume		Ν	lumber c	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 M€)	month			(in M)	month				month		
Indices	7.4	-25%	-18%	47.3%	13.2	-23%	-2.2%	40.1%	3,041	-20%	-11%	50.1%
Single Stocks	3.9	6.2%	-24%	25.1%	10.3	-13%	-22%	31.4%	1,805	0.2%	-13%	29.8%
Leveraged Indices	3.3	-16%	-47%	21.1%	6.0	-50%	-37%	18.1%	805	-35%	-39%	13.3%
Commodities	0.5	6.4%	-37%	3.2%	0.6	5.0%	-39%	1.9%	220	25%	-19%	3.6%
Currencies	0.3	30%	-57%	1.7%	0.3	-13%	-55%	0.8%	103	30%	-31%	1.7%
Leveraged Commodities	0.1	0.3%	-57%	0.6%	2.5	-13%	120%	7.5%	41	23%	-41%	0.7%
Leveraged Stocks	0.1	-16%	-63%	0.5%	0.0	78%	21%	0.1%	39	-11%	-39%	0.6%
Fund	0.1	-61%	-85%	0.3%	0.0	-62%	-85%	0.0%	3	35%	-73%	0.0%
Fixed Income	0.0	112%	-4.1%	0.1%	0.0	265%	55%	0.0%	10	66%	-8.2%	0.2%
Basket	0.0	-61%	16%	0.0%	0.0	-32%	56%	0.0%	0	-50%	-5.5%	0.0%
Total	15.7	-15%	-31%		32.9	-27%	-16%		6,067	-15%	-18%	

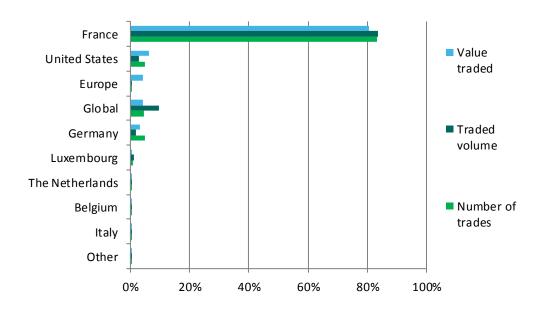


#### Top 10 underlying countries

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	12.7	-19%	-30%	80.7%	27.6	-28%	-18%	83.7%	5,061	-17%	-17%	83.4%
United States	1.0	6.2%	-32%	6.1%	1.0	-19%	-35%	2.9%	303	10%	-17%	5.0%
Europe	0.7	219%	42%	4.3%	0.0	-71%	-68%	0.1%	17	-30%	-41%	0.3%
Global	0.7	7.6%	-38%	4.2%	3.1	-10.0%	45%	9.5%	273	23%	-23%	4.5%
Germany	0.5	-50%	-58%	3.2%	0.6	-59%	-36%	1.7%	293	-28%	-24%	4.8%
Luxembourg	0.1	90%	-6.6%	0.5%	0.4	40%	15%	1.3%	57	22%	11%	0.9%
The Netherlands	0.0	109%	-25%	0.3%	0.1	1.3%	-32%	0.2%	13	-27%	-45%	0.2%
Belgium	0.0	-0.1%	-22%	0.2%	0.1	65%	13%	0.2%	19	42%	16%	0.3%
Italy	0.0	-37%	-68%	0.1%	0.0	-33%	-84%	0.1%	18	-12%	-29%	0.3%
Other	0.0	-27%	-68%	0.3%	0.1	33%	-19%	0.4%	17	-21%	-44%	0.3%
Total	15.8	-15%	-31%		32.9	-27%	-16%		6,070	-15%	-18%	



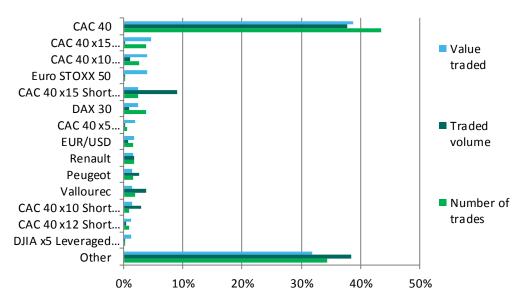
## Top 15 underlyings

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	6.1	-28%	-19%	38.9%	12.5	-20%	2.1%	37.8%	2,641	-19%	-9.3%	43.5%
CAC 40 x15 Leveraged Index	0.7	-8.4%	-66%	4.6%	0.1	-99%	-97%	0.3%	227	-43%	-63%	3.7%
CAC 40 x10 Leveraged Index	0.6	-39%	-53%	4.0%	0.4	-41%	62%	1.1%	153	-50%	-18%	2.5%
Euro STOXX 50	0.6	725%	356%	4.0%	0.0	-77%	-67%	0.0%	11	-33%	-24%	0.2%
CAC 40 x15 Short Index	0.4	0.0%	-30%	2.5%	3.0	242%	-14%	9.0%	149	-11%	-23%	2.5%
DAX 30	0.4	-58%	-57%	2.4%	0.3	-75%	-59%	0.9%	233	-31%	-27%	3.8%
CAC 40 x5 Leveraged Index	0.3	-23%	-37%	1.9%	0.1	-30%	-14%	0.3%	32	-44%	-38%	0.5%
EUR/USD	0.3	47%	-56%	1.7%	0.2	-12%	-55%	0.7%	98	35%	-29%	1.6%
Renault	0.2	-35%	-6.2%	1.5%	0.6	-39%	26%	1.8%	108	-14%	13%	1.8%
Peugeot	0.2	-31%	-18%	1.5%	0.8	-23%	24%	2.5%	96	-39%	-9.8%	1.6%
Vallourec	0.2	47%	40%	1.5%	1.3	9.7%	59%	3.8%	115	39%	55%	1.9%
CAC 40 x10 Short Index	0.2	-20%	-38%	1.4%	1.0	-25%	-36%	3.0%	60	2.9%	-20%	1.0%
CAC 40 x12 Short Index	0.2	-12%	29%	1.3%	0.1	130%	-76%	0.4%	58	-2.0%	56%	0.9%
DJIA x5 Leveraged Index	0.2	48%	123%	1.2%	0.0	16%	142%	0.0%	3	32%	50%	0.0%
Other	5.0	3.2%	-36%	31.8%	12.6	-12%	-15%	38.4%	2,090	1.3%	-20%	34.4%
Total	15.8	-15%	-31%		32.9	-27%	-16%		6,073	-15%	-18%	

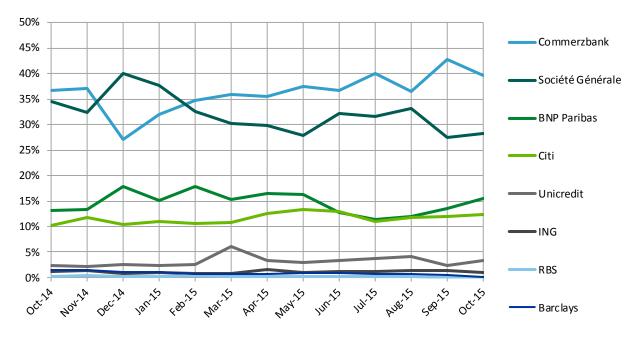




## MARKET TREND: ISSUERS

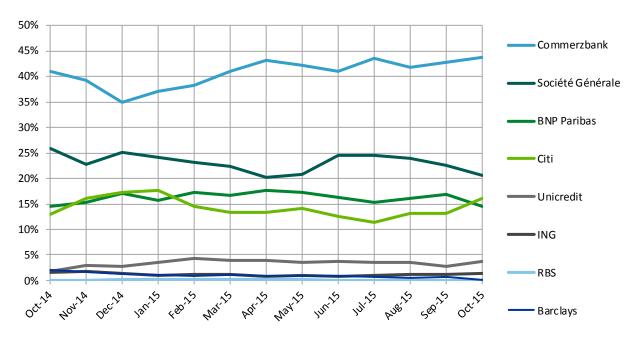
#### Value traded

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

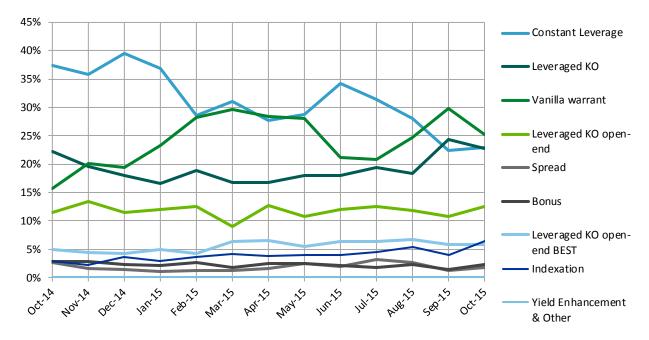
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Paris.



## MARKET TREND: PRODUCT TYPES

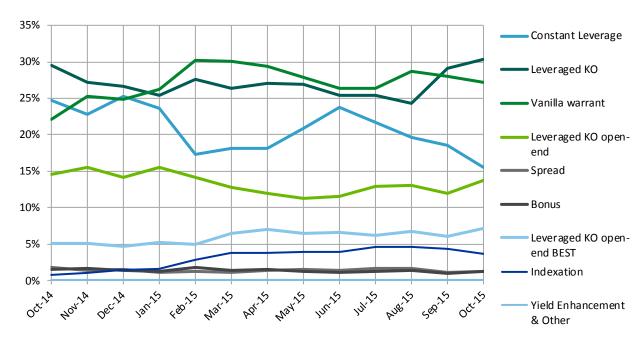
#### Value traded

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.

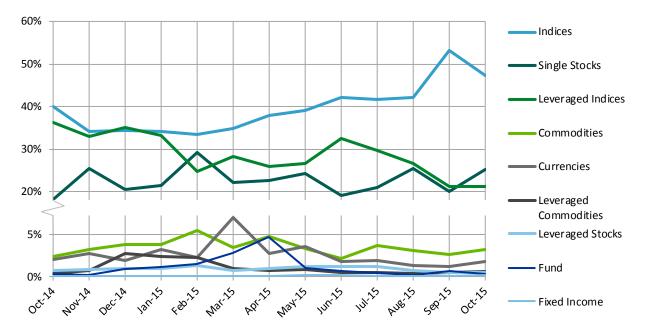


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# MARKET TREND: UNDERLYING TYPES

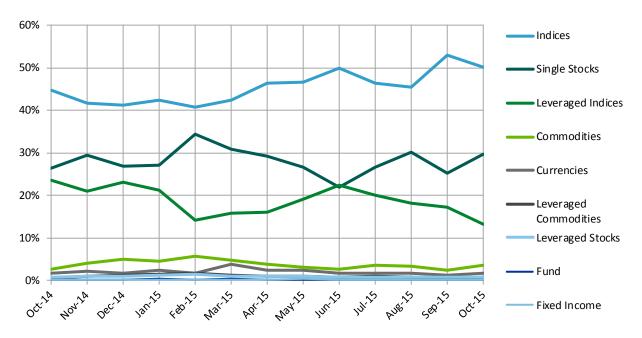
#### Value traded

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

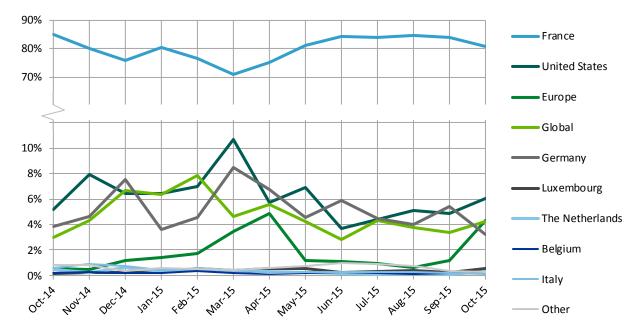
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Paris.



# MARKET TREND: UNDERLYING COUNTRIES

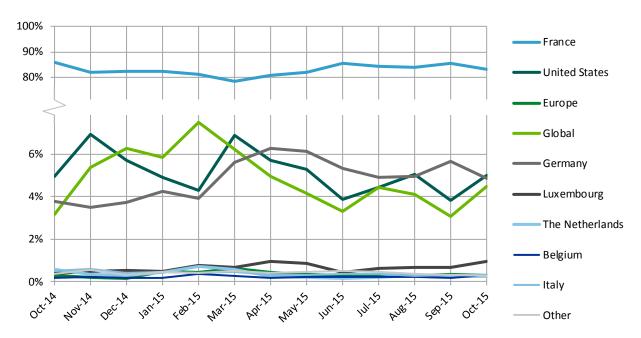
#### Value traded

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

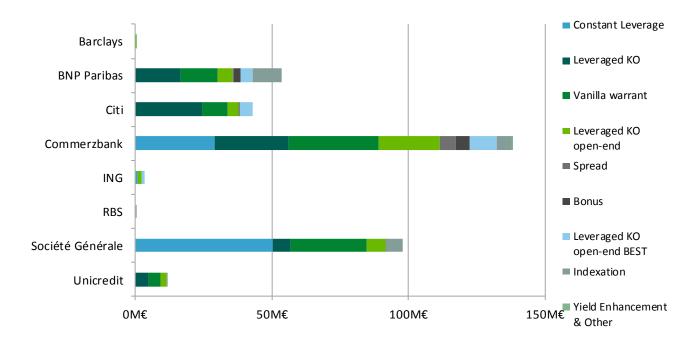
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Paris.



# **ISSUER ACTIVITY**

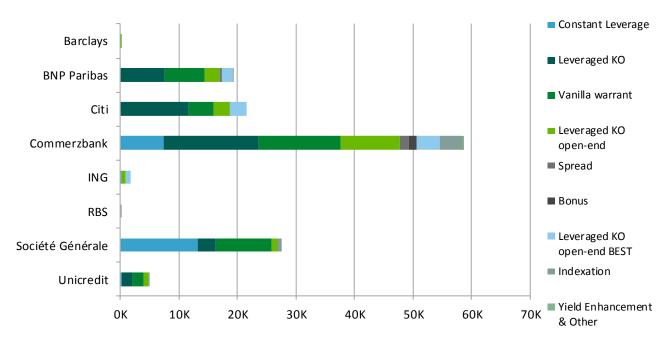
#### Value traded

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.

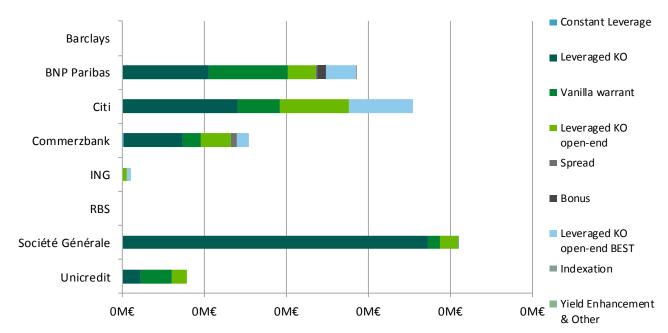


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# **ISSUER ACTIVITY: NEW LISTINGS**

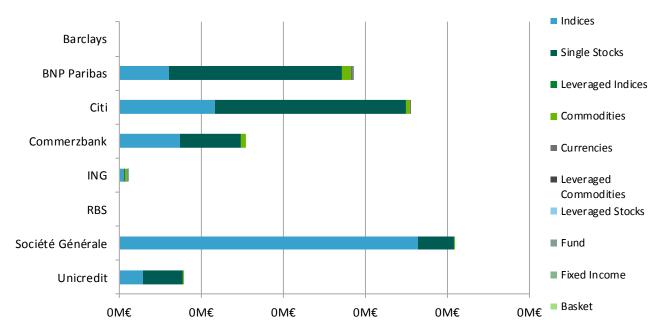
#### **Product types**

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.

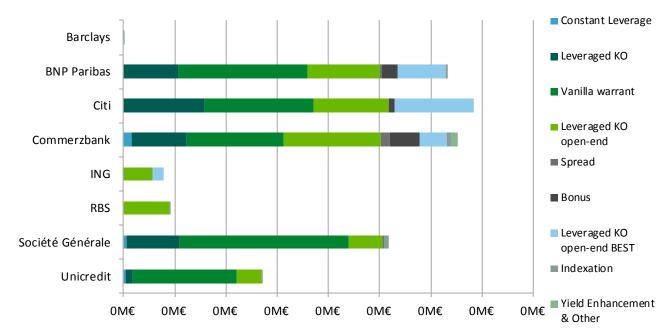


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# **ISSUER ACTIVITY: PRODUCT RANGE**

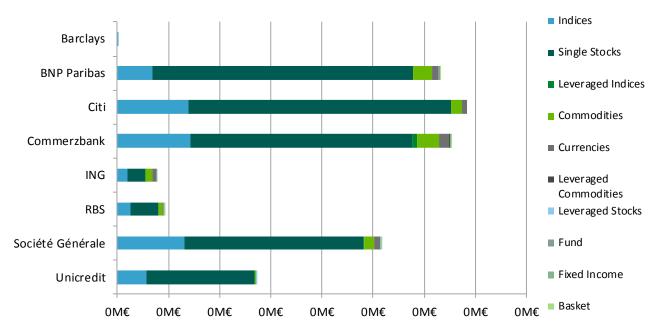
#### **Product types**

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.



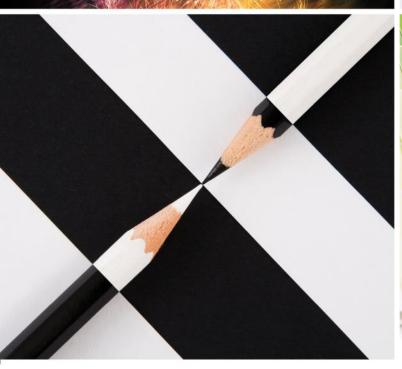
## Top 50 traded products

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
	FD0011214F27	Constant Louorago	Société Cónéralo	CAC10 PI OPENS	2 9 2 7	(in K€) 11,156
6998S T801B	FR0011214527	Constant Leverage	Société Générale BNP Paribas		2,837	
	FR0011560325	Pure indexation			116	10,351
LR15Z	FR0012928109	Constant Leverage	Commerzbank	CACF LEVOPENZ	3,434	8,761
C15LS	FR0012937415	Constant Leverage	Société Générale	C15LV PLOPENS	1,554	7,286
77315	FR0010961078	Constant Leverage	Société Générale	CAC5L PLOPENS	615	6,085
CS18S	FR0012496529	Constant Leverage	Société Générale	.CA15 PI OPENS	2,074	5,592
3571Z	DE000CN1JG22	Leveraged KO	Commerzbank	CAC40 4815TS 1115Z	2,624	4,421
3U33Z	DE000CK9PVS0	Constant Leverage	Commerzbank	L5DJI PI OPENZ	62	4,168
ST15Z	DE000CR5UQS1	Pure indexation	Commerzbank	CACF PI OPENZ	2,339	3,472
CS16S	FR0012496495	Constant Leverage	Société Générale	CA10S PI OPENS	1,125	3,440
ST12Z	DE000CN1ECC2	Constant Leverage	Commerzbank	CACF SHTOPENZ	825	3,383
F805S	FR0011881234	Vanilla warrant	Société Générale	CAC40 4500P 1215S	375	3,179
CS15S	FR0012901015	Constant Leverage	Société Générale	CA15S PI OPENS	1,214	3,031
LV10Z	DE000CZ28ZC2	Constant Leverage	Commerzbank	LV10Z FACOPENZ	495	2,816
3022Z	DE000CN1J3M2	Vanilla warrant	Commerzbank	CAC40 4500P 1115Z	268	2,643
7730S	FR0010961060	Constant Leverage	Société Générale	CAC4L PI OPENS	193	2,145
SGR1S	FR0012174605	Pure indexation	Société Générale	ESTX PI1124S	17	1,884
SGQ5S	FR0012143824	Constant Leverage	Société Générale	CAC5S PI OPENS	153	1,854
I10GS	FR0011630474	Pure indexation	Société Générale	.SGIX PI OPENS	175	1,831
F801S	FR0011881192	Vanilla warrant	Société Générale	CAC40 4700C 1215S	47	1,567
3U34Z	DE000CK9PVT8	Constant Leverage	Commerzbank	S5DJI PI OPENZ	37	1,516
P510B	FR0012907145	Leveraged KO	BNP Paribas	CAC40 5150TPS1215B	89	1,450
CL12S	FR0011488303	Constant Leverage	Société Générale	CA12L PI OPENS	510	1,392
6940S	FR0011119395	Constant Leverage	Société Générale	CAC7L PI OPENS	275	1,370
X535B	FR0012993459	Leveraged KO	BNP Paribas	CAC40 5000TPS0316B	235	1,288
2158Z	DE000CZ8VR20	Constant Leverage	Commerzbank	EUUSD PI OPENZ	78	1,280
CS17S	FR0012496503	Constant Leverage	Société Générale	CA12S PI OPENS	441	1,204
SX15Z	FR0013006657	Constant Leverage	Commerzbank	CACF SHTOPENZ	493	1,122
0458S	LU1248568849	Leveraged KO open-end	Société Générale	CAC40 5044TS OPENS	35	1,076
3555Z	DE000CN1JFR2	Leveraged KO	Commerzbank	CAC40 4200TL 1215Z	163	1,065
37815	FR0010601187	Leveraged KO open-end	Société Générale	EUUSD1.5048TSOPENS	10	1,019
1766S	FR0012770386	Leveraged KO	Société Générale	MICHL 107TS 1215S	50	960
LV12Z	DE000CK9RD98	Constant Leverage	Commerzbank	CAC40 PI OPENZ	176	956
81895	LU1248567361	Leveraged KO	Société Générale	CAC40 5150TS 1215S	155	955
8447S	FR0011419506	Vanilla warrant	Société Générale	CAC40 4200C 1216S	65	950
2776Z	DE000CN1GTM0	Vanilla warrant	Commerzbank	CAC40 4200C 12105	125	919
X778B	NL0010788618	Vanilla warrant	BNP Paribas	PWLDT108.3C 0925B	56	919
21245	FR0010511535	Pure indexation	Société Générale	BRENT PLOPENS	178	844
3013Z					178	829
2229T	DE000CN1J3C3	Vanilla warrant	Commerzbank	CAC40 4650P 1015Z		
-	DE000HV05ZZ9	Vanilla warrant	Unicredit Société Cónéralo	DAX 11200P 1215T	5	800
0503S	FR0012497873	Leveraged KO open-end	Société Générale	CAC40 4223TL OPENS	90 50	779
77295	FR0010961052	Constant Leverage	Société Générale	CAC3L PLOPENS	56	761
3003Z	DE000CN1J324	Vanilla warrant	Commerzbank	CAC40 4900C 1115Z	201	758
3418Z	DE000CN1JC18	Leveraged KO open-end	Commerzbank	CAC40 5138TPIOPENZ	501	738
SR10Z	DE000CZ8VJE8	Constant Leverage	Commerzbank	CAC40 PI OPENZ	92	730
1851S	FR0012791424	Leveraged KO open-end	Société Générale	ORANG11.44TL OPENS	5	714
3H81Z	DE000CN4XCG7	Vanilla warrant	Commerzbank	CAC40 4500C 1015Z	25	706
1Y25Z	DE000CR2VKK6	Vanilla warrant	Commerzbank	CAC40 4800C 1215Z	219	701
5R17Z	DE000CN50282	Vanilla warrant	Commerzbank	CAC40 5200C 0116Z	93	696
1847C	DE000CW3BN04 uronext)	Leveraged KO	Citi	CAC40 5600TS 1215C	7	692

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