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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext Markets
Live listings (as of 30/11/2015)	14,246	7,230	2,110	34,488	58,074
New listings	3,719	1,529	408	10,296	15,952
Value traded (in M€)	569	11.8	37.0	371	989
Value traded YTD (in M€)	8,488	181.1	569.9	5,232	14,471
Traded volume (in M)	289	12.6	28.4	697	1,027
Traded volume YTD (in M)	3,697	213.8	304.3	9,010	13,225
Number of trades	144,689	5,346	8,926	126,414	285,375
Number of trades YTD	1,845,360	73,260	114,807	1,705,516	3,738,943



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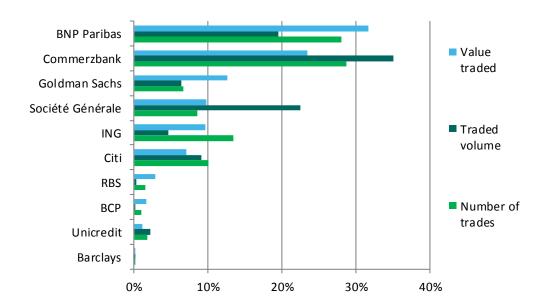
Euronext Markets

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	/olume		N	lumber c	ftrades	
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	14.9	-11%	-11%	31.6%	9.6	10%	-1.3%	19.6%	3,818	4.3%	-1.5%	28.1%
Commerzbank	11.0	14%	-9.8%	23.4%	17.2	-18%	-24%	35.1%	3,909	-3.9%	-11%	28.8%
Goldman Sachs	5.9	15%	-12%	12.6%	3.1	46%	16%	6.4%	914	3.3%	12%	6.7%
Société Générale	4.6	3.9%	-33%	9.8%	11.0	23%	8.6%	22.5%	1,173	-6.3%	-29%	8.6%
ING	4.5	-2.9%	-36%	9.7%	2.3	17%	-24%	4.7%	1,819	0.2%	-27%	13.4%
Citi	3.3	17%	-26%	7.1%	4.5	6.1%	-25%	9.1%	1,373	3.3%	-9.2%	10.1%
RBS	1.4	21%	-42%	2.9%	0.2	24%	-50%	0.4%	208	-0.5%	-38%	1.5%
ВСР	0.8	24%	-39%	1.7%	0.0	23%	-52%	0.1%	129	31%	-35%	0.9%
Unicredit	0.5	-1.9%	-34%	1.1%	1.1	72%	9.0%	2.2%	246	11%	-7.8%	1.8%
Barclays	0.0	105%	-91%	0.0%	0.0	-53%	-98%	0.0%	0	-96%	-100%	0.0%
Total	47.1	2.4%	-24%		48.9	2.9%	-13%		13,589	0.3%	-15%	

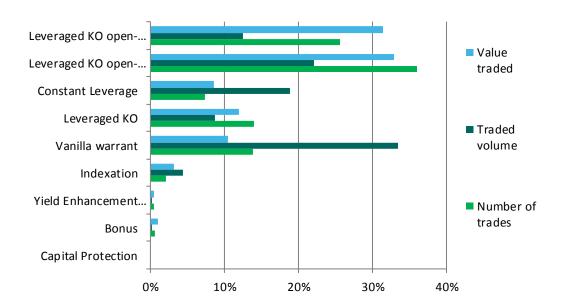


Product types

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 \	olume		N	lumber c	ftrades	
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	14.8	-14%	-30%	31.5%	6.1	-5.4%	-23%	12.5%	3,484	1.4%	-13%	25.6%
Leveraged KO open-end BEST	15.5	12%	-18%	32.9%	10.8	18%	-7.7%	22.1%	4,886	3.6%	-8.3%	36.0%
Constant Leverage	4.1	8.8%	-39%	8.6%	9.2	0.3%	-17%	18.8%	995	1.9%	-33%	7.3%
Leveraged KO	5.6	28%	2.1%	11.9%	4.2	0.3%	-14%	8.7%	1,907	-12%	-19%	14.0%
Vanilla warrant	4.9	14%	-22%	10.4%	16.4	15%	-15%	33.5%	1,880	7.6%	-12%	13.8%
Indexation	1.5	-17%	-39%	3.2%	2.1	-50%	38%	4.3%	284	-15%	-41%	2.1%
Yield Enhancement & Other	0.2	-20%	-44%	0.5%	0.0	-29%	-42%	0.0%	65	-16%	-34%	0.5%
Bonus	0.5	7.4%	-19%	1.0%	0.0	32%	-5.8%	0.1%	89	11%	-14%	0.7%
Total	47.1	2.4%	-24%		48.9	2.9%	-13%		13,589	0.3%	-15%	

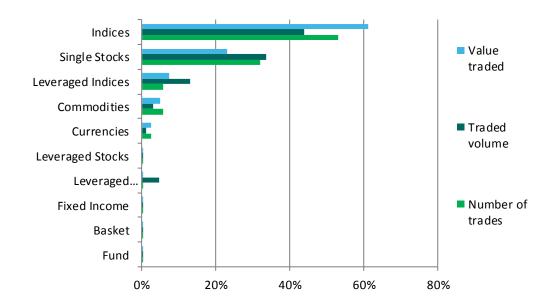


Underlying types

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 traded Daily Month vs. YTD Marke					Traded v	/olume		١	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	28.7	-3.0%	-22%	61.2%	21.4	-7.6%	-17%	43.9%	7,167	-6.7%	-17%	53.0%
Single Stocks	10.8	18%	-11%	23.1%	16.4	21%	-3.6%	33.6%	4,326	13%	0.7%	32.0%
Leveraged Indices	3.4	1.8%	-44%	7.3%	6.4	6.0%	-31%	13.1%	778	-4.9%	-40%	5.8%
Commodities	2.3	-5.6%	-36%	4.9%	1.5	-3.6%	-19%	3.1%	776	7.1%	-21%	5.7%
Currencies	1.2	35%	-46%	2.6%	0.6	36%	-37%	1.3%	362	25%	-30%	2.7%
Leveraged Stocks	0.1	51%	-38%	0.3%	0.0	-27%	-19%	0.1%	40	-14%	-42%	0.3%
Leveraged Commodities	0.1	-8.0%	-59%	0.2%	2.4	-6.6%	83%	4.8%	35	-16%	-49%	0.3%
Fixed Income	0.1	42%	-46%	0.2%	0.0	-11%	-38%	0.0%	29	-12%	-45%	0.2%
Basket	0.1	54%	-3.2%	0.1%	0.0	9.9%	-28%	0.0%	4	26%	-29%	0.0%
Fund	0.1	-2.4%	-84%	0.1%	0.0	-2.1%	-84%	0.0%	7	130%	-35%	0.1%
Total	46.9	2.4%	-24%		48.8	2.9%	-14%		13,525	0.3%	-15%	·

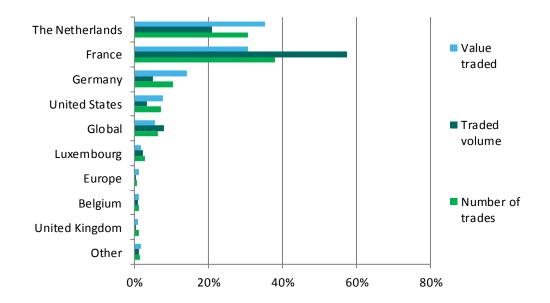


Top 10 underlying countries

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 v	olume/		١	lumber c	ftrades	
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	16.7	-14%	-29%	35.4%	10.2	6.6%	-17%	20.9%	4,176	-4.4%	-14%	30.7%
France	14.4	8.0%	-23%	30.6%	28.1	0.9%	-16%	57.5%	5,148	-1.7%	-18%	37.9%
Germany	6.7	61%	1.7%	14.2%	2.5	21%	-3.9%	5.0%	1,421	10.0%	-7.3%	10.5%
United States	3.6	5.1%	-33%	7.6%	1.7	-9.2%	-38%	3.5%	978	-3.2%	-25%	7.2%
Global	2.6	-3.8%	-35%	5.6%	3.9	-5.4%	21%	8.0%	845	5.6%	-23%	6.2%
Luxembourg	0.8	47%	17%	1.8%	1.1	43%	59%	2.3%	381	36%	45%	2.8%
Europe	0.6	-52%	-56%	1.2%	0.1	0.2%	-46%	0.2%	90	16%	-32%	0.7%
Belgium	0.5	-22%	-24%	1.1%	0.4	-37%	-11%	0.8%	174	-26%	-16%	1.3%
United Kingdom	0.4	82%	61%	0.8%	0.2	105%	114%	0.5%	176	102%	98%	1.3%
Other	0.8	108%	-7.5%	1.8%	0.6	59%	-1.9%	1.3%	197	33%	-10.0%	1.5%
Total	47.1	2.4%	-24%		48.9	2.9%	-13%		13,587	0.4%	-15%	·

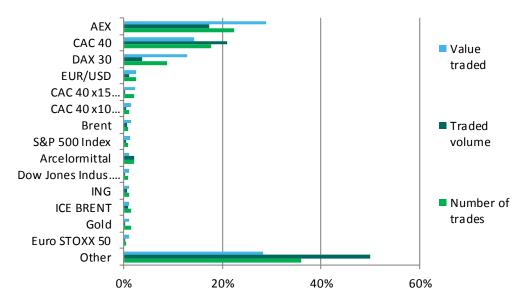


Top 15 underlyings

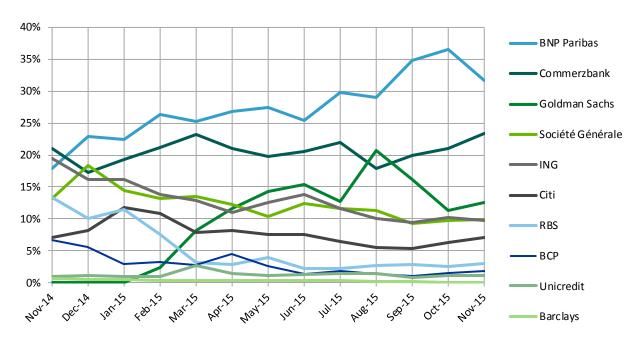
The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of all Euronext markets.

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 traded Daily Month vs. YTD Market					Traded	olume/		N	lumber c	ftrades	
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	13.6	-18%	-30%	28.8%	8.4	4.7%	-18%	17.2%	3,032	-8.4%	-16%	22.3%
CAC 40	6.7	3.8%	-15%	14.2%	10.3	-18%	-16%	21.0%	2,399	-12%	-19%	17.7%
DAX 30	6.1	71%	5.5%	12.9%	1.9	26%	-12%	3.8%	1,187	15%	-8.7%	8.7%
EUR/USD	1.2	36%	-45%	2.5%	0.6	36%	-38%	1.2%	339	26%	-29%	2.5%
CAC 40 x15 Leveraged Index	1.1	45%	-48%	2.3%	0.1	12%	-96%	0.2%	277	22%	-52%	2.0%
CAC 40 x10 Leveraged Index	0.7	13%	-44%	1.5%	0.3	-20%	26%	0.6%	157	2.5%	-15%	1.2%
Brent	0.7	97%	-48%	1.5%	0.4	-30%	-46%	0.8%	129	3.3%	-59%	1.0%
S&P 500 Index	0.6	-7.6%	-20%	1.2%	0.3	-39%	-29%	0.5%	130	-26%	-27%	1.0%
Arcelormittal	0.6	50%	37%	1.2%	1.0	40%	57%	2.1%	289	36%	61%	2.1%
Dow Jones Indus. Avg.	0.5	11%	-27%	1.1%	0.2	45%	-29%	0.4%	131	-11%	-25%	1.0%
ING	0.5	21%	-39%	1.1%	0.3	23%	-32%	0.6%	160	15%	-17%	1.2%
ICE BRENT	0.5	-20%	123%	1.1%	0.5	69%	274%	1.0%	193	35%	169%	1.4%
Gold	0.5	-27%	-50%	1.1%	0.2	-0.6%	-35%	0.4%	192	14%	-22%	1.4%
Euro STOXX 50	0.5	-56%	-47%	1.0%	0.1	-6.6%	-43%	0.2%	75	5.1%	-36%	0.5%
Other	13.3	7.8%	-22%	28.3%	24.5	12%	-3.1%	50.0%	4,899	5.4%	-9.5%	36.1%
Total	47.1	2.4%	-24%		48.9	2.9%	-13%		13,589	0.3%	-15%	

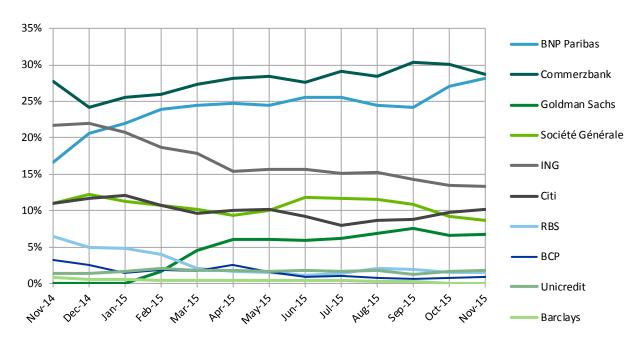


The historical graph below displays the weight of the traded value of each issuer over the total traded value across all Euronext markets.

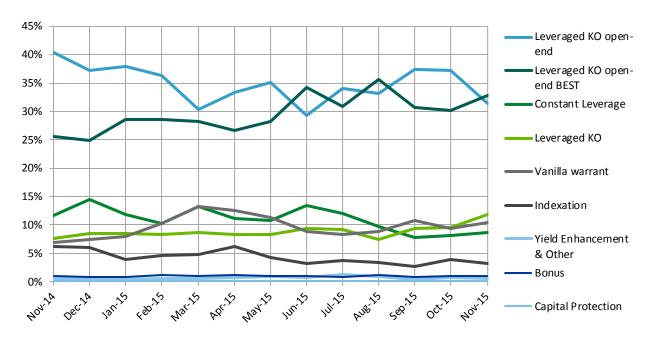


Number of transactions

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

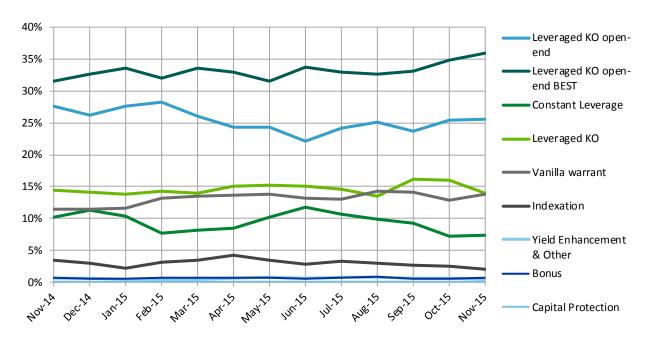


The historical graph below displays the weight of the traded value of each product type over the total traded value across all Euronext markets.

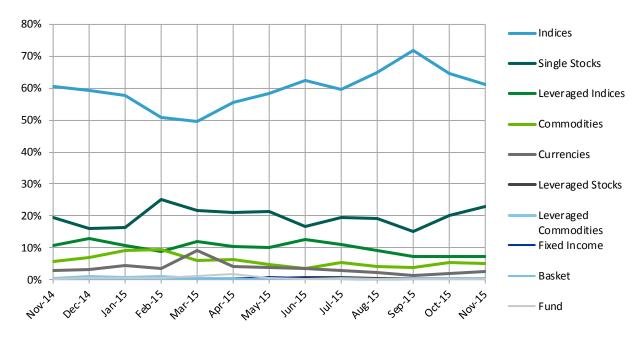


Number of transactions

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

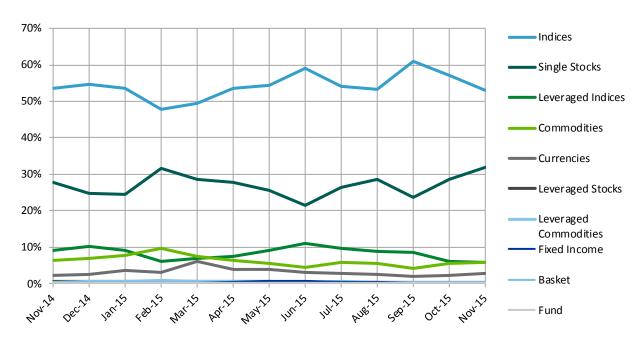


The historical graph below displays the weight of the traded value of each underlying type over the total traded value across all Euronext markets.



Number of transactions

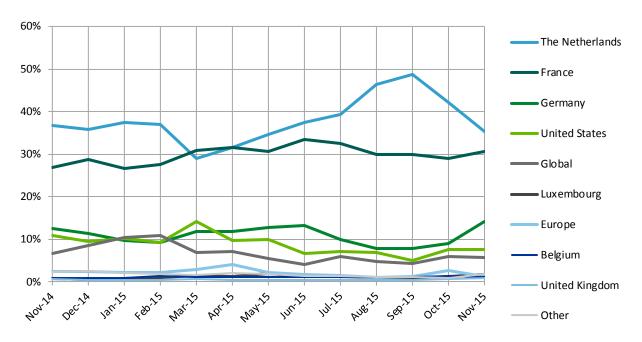
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all Euronext markets.



MARKET TREND: UNDERLYING COUNTRIES

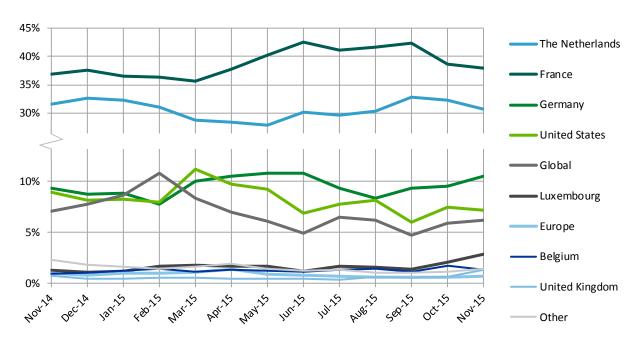
Value traded

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

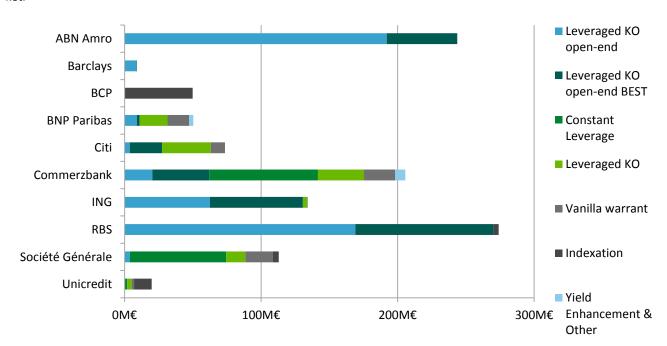
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume across all Euronext markets.



ISSUER ACTIVITY

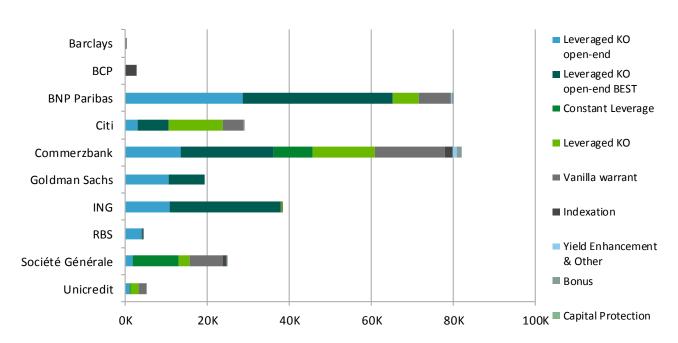
Value traded

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



Number of transactions

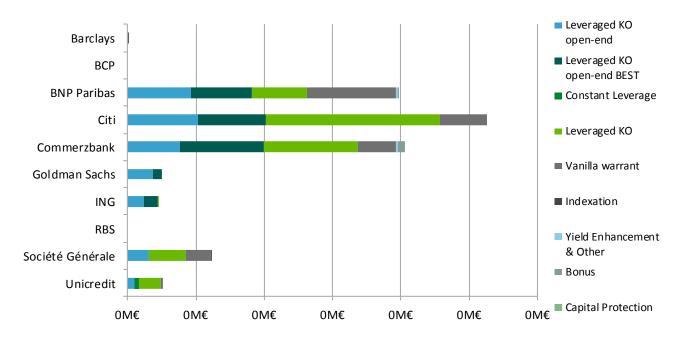
The chart below displays the number of trades per product type for each issuer active in an Euronext market.



Market Activity Report - Warrants & Certificates - Euronext Markets - November 2015 15

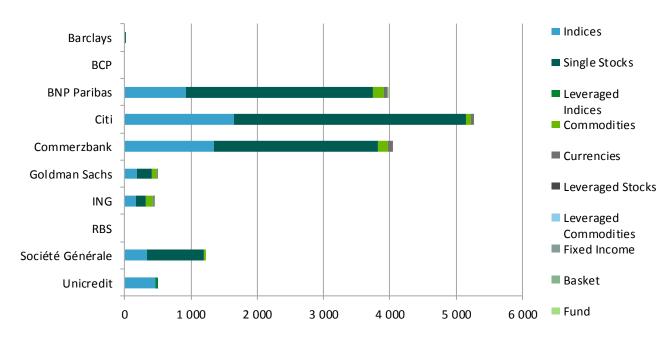
Product types

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

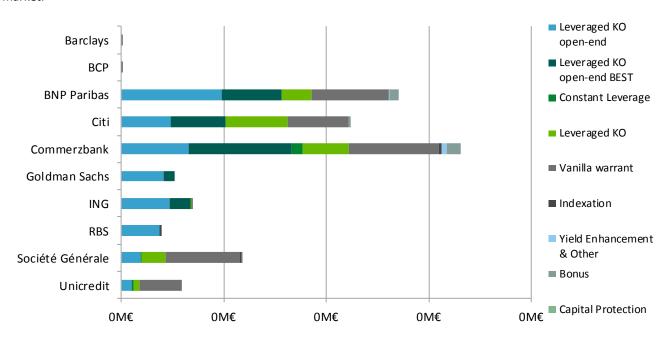
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an Euronext market.



ISSUER ACTIVITY: PRODUCT RANGE

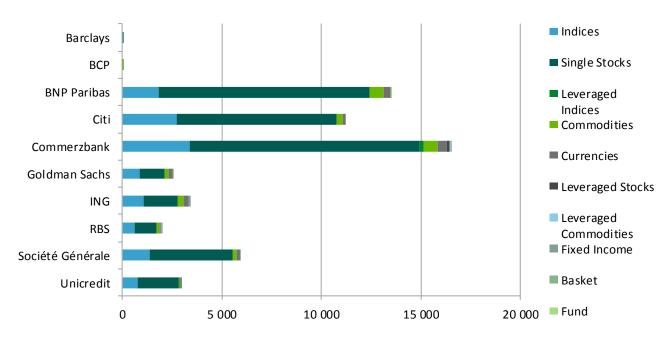
Product types

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.



Market Activity Report - Warrants & Certificates - Euronext Markets - November 2015 17

TOP 50 TRADED PRODUCTS

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€)
LR15Z	FR0012928109	Constant Leverage	Commerzbank	CACF LEVOPENZ	4,096	14,074
69985	FR0011214527	Constant Leverage	Société Générale	CAC10 PLOPENS	2,677	12,981
FB90B	NL0011217327	Leveraged KO open-end BEST	BNP Paribas	AEX 430.1BL OPENB	449	8,885
C15LS	FR0012937415	Constant Leverage	Société Générale	C15LV PI OPENS	1,728	8,200
FJ27B	NL0012337413	Leveraged KO open-end BEST	BNP Paribas	AEX 454.5BL OPENB	1,332	7,409
6256H	NL0011445275 NL0011415922	Leveraged KO open-end BEST	Goldman Sachs	AEX 452.7TRLOPENH	495	7,329
4398Z	DE000CN4Y954	Leveraged KO	Commerzbank	DAX 8700TL 1215Z	14	6,792
4397Z	DE000CN4Y947	Leveraged KO	Commerzbank	DAX 8500TL 0316Z	13	6,790
BE93B	NL0010912952	Leveraged KO open-end	BNP Paribas	AEX 405TL OPENB	24	5,752
6491H	NL0010312332 NL0011418272	Leveraged KO open-end BEST	Goldman Sachs	AEX 457.6TRLOPENH	506	5,509
FF72B	NL0011418272 NL0011441720	Leveraged KO open-end BEST	BNP Paribas	AEX 441.4BL OPENB	636	5,424
4825H			Goldman Sachs			5,424
DY87B	NL0011242573	Leveraged KO open-end		AEX 482.2TS OPENH	698	5,418
	NL0011269493	Leveraged KO open-end BEST	BNP Paribas	AEX 479.5BS OPENB	1,278	
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	746	4,738
4843H	NL0011242755	Leveraged KO open-end BEST	Goldman Sachs	AEX 479.TRSOPENH	806	4,644
SX15Z	FR0013006657	Constant Leverage	Commerzbank	CACE SHTOPENZ	1,786	4,636
CS15S	FR0012901015	Constant Leverage	Société Générale	CA15S PI OPENS	1,318	4,531
4841H	NL0011242730	Leveraged KO open-end BEST	Goldman Sachs	AEX 483.TRSOPENH	603	4,400
CS16S	FR0012496495	Constant Leverage	Société Générale	CA10S PLOPENS	907	4,320
7731S	FR0010961078	Constant Leverage	Société Générale	CAC5L PI OPENS	509	4,154
6260H	NL0011415963	Leveraged KO open-end BEST	Goldman Sachs	AEX 448.7TRLOPENH	413	4,146
0766C	DE000CX0CE70	Leveraged KO	Citi	CAC40 3950TL 0316C	35	4,018
6875H	NL0011422118	Leveraged KO open-end BEST	Goldman Sachs	AEX 458.2TRLOPENH	305	3,984
6242H	NL0011415781	Leveraged KO open-end	Goldman Sachs	AEX 448.9TL OPENH	590	3,977
FI10B	NL0011444104	Leveraged KO open-end BEST	BNP Paribas	AEX 448.5BL OPENB	1,093	3,838
FR80B	NL0011519939	Leveraged KO open-end BEST	BNP Paribas	AEX 454.6BL OPENB	1,120	3,812
FI09B	NL0011444096	Leveraged KO open-end BEST	BNP Paribas	AEX 446.5BL OPENB	637	3,738
FI08B	NL0011444088	Leveraged KO open-end BEST	BNP Paribas	AEX 444.5BL OPENB	262	3,448
FI07B	NL0011444070	Leveraged KO open-end BEST	BNP Paribas	AEX 442.5BL OPENB	216	3,369
Z044B	NL0011469226	Vanilla warrant	BNP Paribas	CAC40 5000C 0116B	253	3,293
3U33Z	DE000CK9PVS0	Constant Leverage	Commerzbank	L5DJI PI OPENZ	28	3,279
FJ30B	NL0011445309	Leveraged KO open-end BEST	BNP Paribas	DAX 10567BL OPENB	755	3,248
6661H	NL0011419973	Leveraged KO open-end BEST	Goldman Sachs	AEX 455.TRLOPENH	366	3,246
GI46G	NL0011480751	Leveraged KO open-end BEST	ING	AEX 454.4SPLOPENG	890	3,001
DY85B	NL0011269485	Leveraged KO open-end BEST	BNP Paribas	AEX 477.5BS OPENB	1,107	2,998
1027P	PTBITEYE0034	Pure indexation	ВСР	DAX PI OPENP	346	2,991
2124S	FR0010511535	Pure indexation	Société Générale	BRENT PI OPENS	328	2,959
5C81Z	DE000CN4ZP51	Leveraged KO	Commerzbank	DAX 9700TL 1215Z	12	2,835
CS18S	FR0012496529	Constant Leverage	Société Générale	.CA15 PI OPENS	970	2,827
61BLZ	DE000CN6F2Q4	Leveraged KO open-end BEST	Commerzbank	DAX 9679TL OPENZ	316	2,615
GE92G	NL0011477617	Leveraged KO open-end BEST	ING	AEX 454.5SPLOPENG	832	2,541
1029P	PTBITAYE0046	Pure indexation	BCP	SP500 PLOPENP	499	2,501
6246H	NL0011415823	Leveraged KO open-end	Goldman Sachs	AEX 444.9TL OPENH	181	2,438
FI53B	NL0011444534	Leveraged KO open-end	BNP Paribas	AEX 457TL OPENB	260	2,368
I10GS	FR0011630474	Pure indexation	Société Générale	.SGIX PI OPENS	269	2,281
DZ21B	NL0011269667	Leveraged KO open-end	BNP Paribas	AEX 477TS OPENB	387	2,166
LV10Z	DE000CZ28ZC2	Constant Leverage	Commerzbank	LV10Z FACOPENZ	565	2,155
BE91B	NL0010912937	Leveraged KO open-end	BNP Paribas	AEX 403TL OPENB	44	2,127
3F98Z	DE000CN4X8Q1	Leveraged KO open-end	Commerzbank	PSI20 4860TCIOPENZ	178	2,119
DY89B	NL0011269501	Leveraged KO open-end BEST	BNP Paribas	AEX 481.5BS OPENB	508	2,052



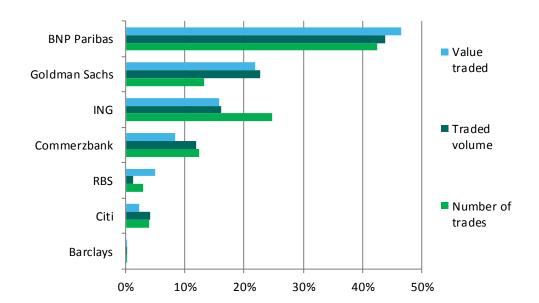
Euronext Amsterdam

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/		٨	lumber o	ftrades	
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	12.6	-12%	-6.3%	46.5%	6.0	0.4%	5.6%	43.9%	2,925	5.1%	8.8%	42.5%
Goldman Sachs	5.9	15%	-12%	21.9%	3.1	46%	16%	22.7%	914	3.3%	12%	13.3%
ING	4.3	-5.2%	-37%	15.8%	2.2	16%	-24%	16.1%	1,710	-1.5%	-29%	24.8%
Commerzbank	2.3	-0.7%	-9.5%	8.4%	1.6	-6.1%	-21%	11.9%	858	-6.9%	1.1%	12.5%
RBS	1.4	21%	-42%	5.1%	0.2	25%	-49%	1.3%	207	-0.1%	-37%	3.0%
Citi	0.6	5.8%	-56%	2.3%	0.6	12%	-41%	4.1%	277	7.7%	-28%	4.0%
Barclays	0.0	414%	260%	0.1%	0.0	387%	218%	0.0%	0	110%	59%	0.0%
Total	27.1	-3.5%	-25%		13.8	10%	-13%		6,890	1.5%	-13%	

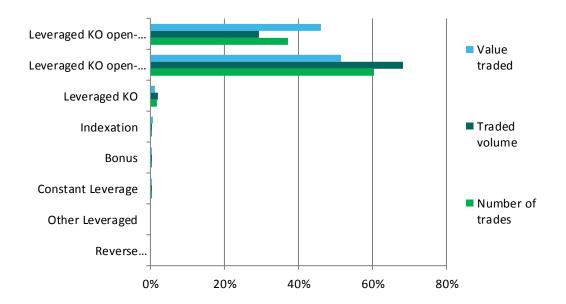


Product types

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 v	olume/		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 M€)	month			(in M)	month				month			
Leveraged KO open-end	12.5	-17%	-32%	46.1%	4.0	-7.5%	-24%	29.3%	2,570	-0.3%	-16%	37.3%	
Leveraged KO open-end BEST	14.0	13%	-17%	51.5%	9.4	22%	-4.1%	68.2%	4,158	3.3%	-9.3%	60.4%	
Leveraged KO	0.3	-0.7%	-49%	1.3%	0.3	-18%	-55%	1.9%	127	-18%	-41%	1.8%	
Indexation	0.2	30%	-18%	0.6%	0.0	-4.1%	-30%	0.1%	13	0.3%	-33%	0.2%	
Bonus	0.1	18%	-14%	0.4%	0.0	203%	37%	0.1%	10	18%	-7.3%	0.1%	
Constant Leverage	0.0	39%	5.6%	0.1%	0.1	-7.6%	-36%	0.5%	12	22%	28%	0.2%	
Total	27.1	-3.5%	-25%	, in the second second	13.8	10%	-13%	, in the second second	6,890	1.5%	-13%		

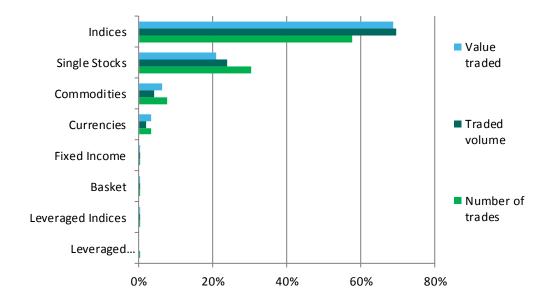


Underlying types

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	/olume		١	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	18.5	-9.8%	-26%	68.7%	9.5	7.5%	-16%	69.7%	3,950	-4.6%	-15%	57.8%
Single Stocks	5.7	16%	-15%	21.1%	3.3	19%	-1.8%	23.8%	2,081	9.4%	-0.5%	30.5%
Commodities	1.7	-7.1%	-35%	6.4%	0.6	5.5%	-3.4%	4.1%	528	9.1%	-23%	7.7%
Currencies	0.9	57%	-44%	3.4%	0.3	55%	-36%	2.0%	238	37%	-32%	3.5%
Fixed Income	0.1	69%	-53%	0.2%	0.0	13%	-44%	0.1%	24	6.0%	-42%	0.4%
Basket	0.1	60%	-1.4%	0.2%	0.0	10%	-28%	0.0%	4	28%	-29%	0.1%
Leveraged Indices	0.0	69%	-3.1%	0.0%	0.0	-44%	-61%	0.2%	9	13%	10%	0.1%
Leveraged Commodities	0.0		-82%	0.0%	0.0		-78%	0.0%	0		457%	0.0%
Total	27.0	-3.5%	-25%		13.7	10%	-13%		6,834	1.5%	-13%	

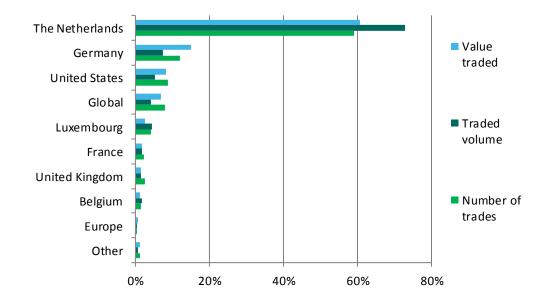


Top 10 underlying countries

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 v	olume/		N	lumber c	ftrades	
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	16.5	-14%	-28%	60.8%	10.0	8.1%	-16%	72.8%	4,068	-3.9%	-14%	59.0%
Germany	4.1	50%	-0.6%	15.1%	1.0	39%	6.8%	7.3%	822	13%	-4.2%	11.9%
United States	2.2	0.5%	-37%	8.2%	0.7	-1.3%	-37%	5.3%	609	-2.9%	-28%	8.8%
Global	1.9	-6.1%	-35%	6.9%	0.6	12%	-5.1%	4.1%	545	8.7%	-24%	7.9%
Luxembourg	0.7	51%	17%	2.6%	0.6	72%	106%	4.4%	286	32%	40%	4.1%
France	0.5	-8.8%	-34%	1.9%	0.2	-5.3%	-17%	1.8%	162	2.4%	-21%	2.4%
United Kingdom	0.4	91%	85%	1.4%	0.2	119%	125%	1.4%	169	108%	116%	2.5%
Belgium	0.3	-26%	-31%	1.2%	0.2	-44%	-13%	1.7%	109	-28%	-16%	1.6%
Europe	0.2	-23%	-45%	0.7%	0.1	0.3%	-27%	0.5%	31	-9.1%	-35%	0.4%
Other	0.3	123%	-4.4%	1.2%	0.1	165%	-23%	0.7%	89	55%	-3.6%	1.3%
Total	27.1	-3.5%	-25%		13.8	10%	-13%		6,890	1.5%	-13%	

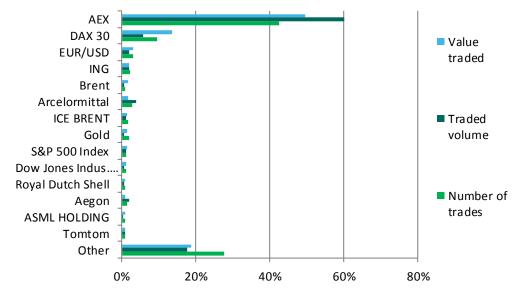


Top 15 underlyings

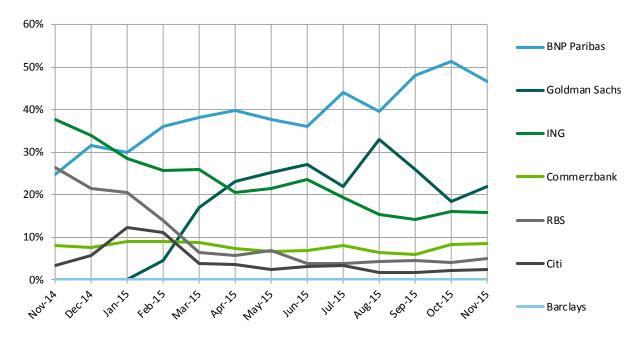
The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Amsterdam.

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	olume/		N	lumber c	ftrades	
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	13.4	-18%	-30%	49.5%	8.3	6.0%	-17%	60.3%	2,940	-8.0%	-16%	42.7%
DAX 30	3.7	61%	0.9%	13.7%	0.8	64%	7.3%	5.9%	668	23%	-5.3%	9.7%
EUR/USD	0.9	59%	-42%	3.2%	0.3	60%	-35%	1.9%	219	38%	-32%	3.2%
ING	0.5	22%	-39%	1.9%	0.3	23%	-35%	2.0%	155	15%	-18%	2.3%
Brent	0.5	151%	-48%	1.7%	0.1	119%	-44%	0.6%	68	25%	-65%	1.0%
Arcelormittal	0.5	53%	43%	1.7%	0.5	70%	107%	3.9%	200	28%	60%	2.9%
ICE BRENT	0.4	-26%	121%	1.6%	0.2	23%	237%	1.3%	127	25%	151%	1.8%
Gold	0.4	-27%	-51%	1.5%	0.1	19%	-28%	0.7%	139	12%	-26%	2.0%
S&P 500 Index	0.4	-17%	-13%	1.4%	0.2	-18%	-16%	1.2%	79	-28%	-22%	1.1%
Dow Jones Indus. Avg.	0.3	-15%	-39%	1.2%	0.1	1.3%	-29%	0.5%	83	-19%	-24%	1.2%
Royal Dutch Shell	0.3	27%	-12%	1.0%	0.1	53%	3.5%	0.7%	69	7.4%	-12%	1.0%
Aegon	0.3	55%	-2.5%	1.0%	0.3	38%	5.4%	2.1%	110	62%	32%	1.6%
ASML HOLDING	0.3	-28%	-48%	1.0%	0.0	-36%	-52%	0.2%	59	-40%	-46%	0.8%
Tomtom	0.3	79%	-28%	0.9%	0.1	44%	-42%	0.9%	64	18%	-33%	0.9%
Other	5.1	0.7%	-22%	18.7%	2.4	-1.6%	-10%	17.7%	1,911	4.7%	-7.1%	27.7%
Total	27.1	-3.5%	-25%		13.8	10%	-13%		6,890	1.5%	-13%	

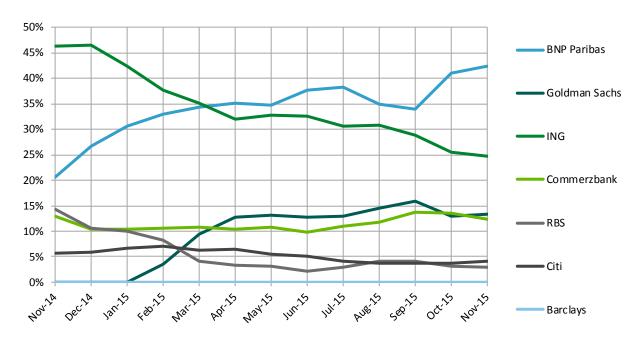


The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Amsterdam.

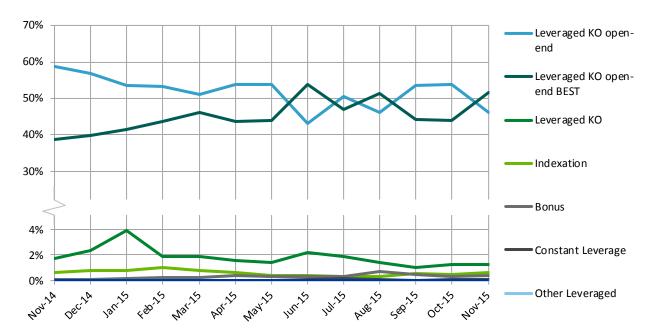


Number of transactions

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

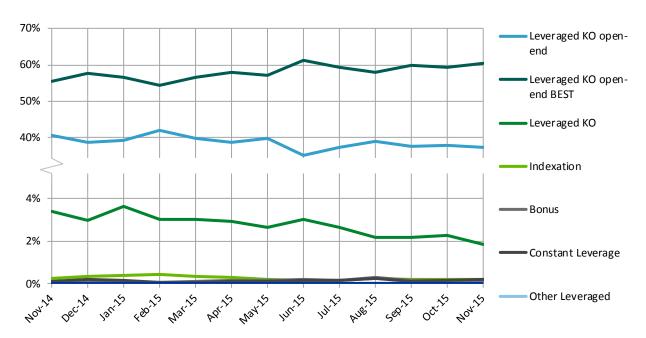


The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Amsterdam.

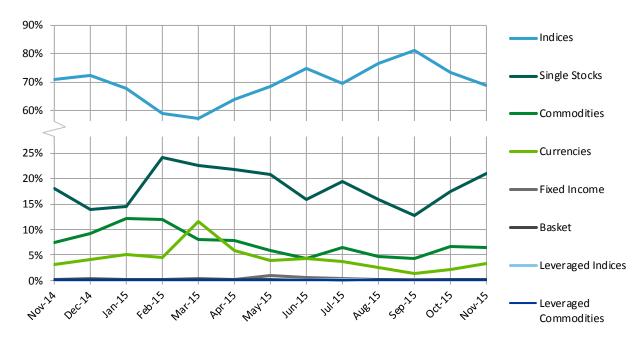


Number of transactions

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

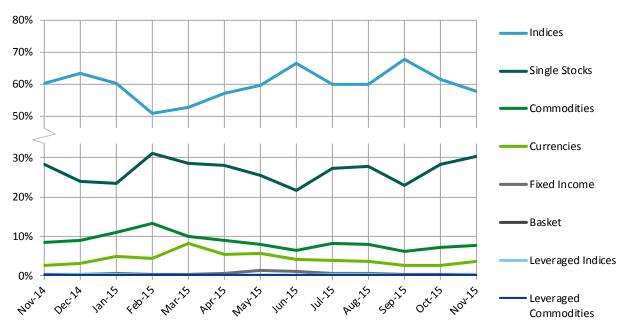


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Amsterdam.



Number of transactions

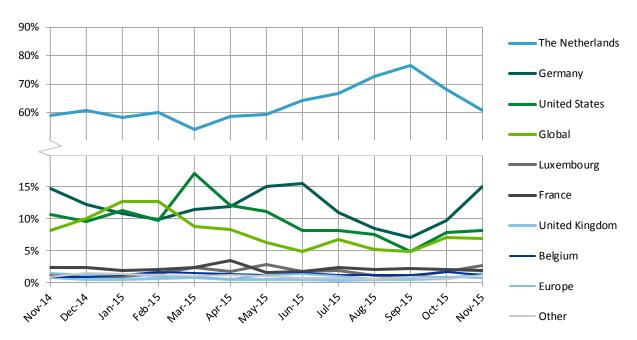
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Amsterdam.



MARKET TREND: UNDERLYING COUNTRIES

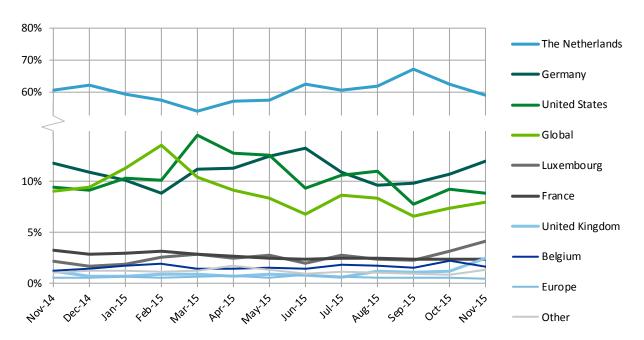
Value traded

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.

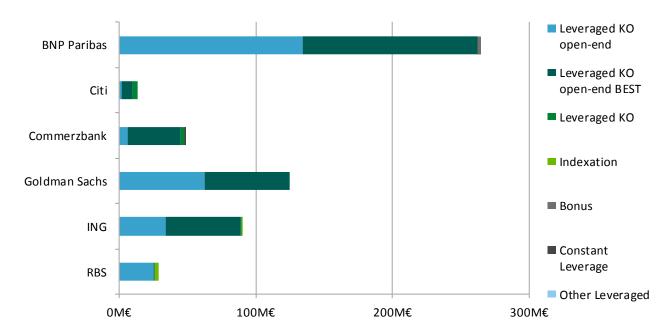


Number of transactions

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.

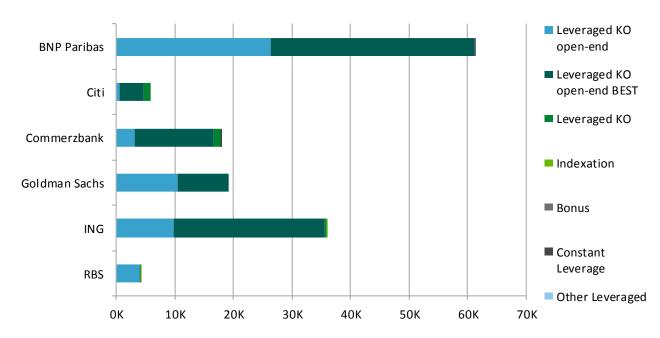


The chart below displays the value traded per product type (in million Euros) for each issuer active in an Euronext market.



Number of transactions

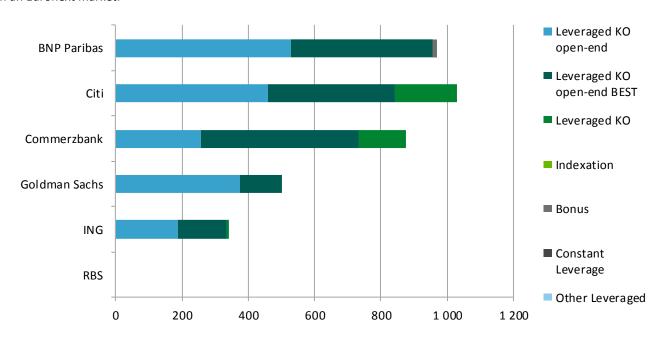
The chart below displays the number of trades per product type for each issuer active in an Euronext market.



Market Activity Report - Warrants & Certificates - Euronext Amsterdam - November 2015 29

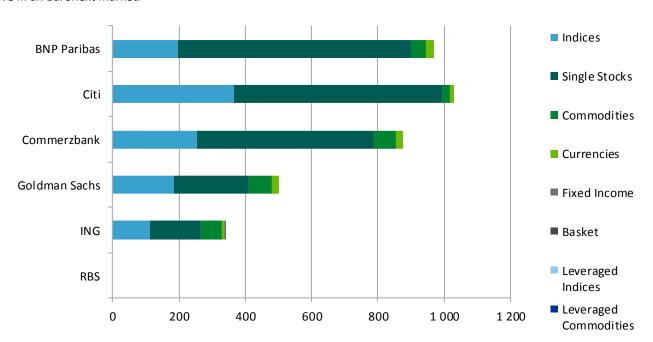
Product types

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

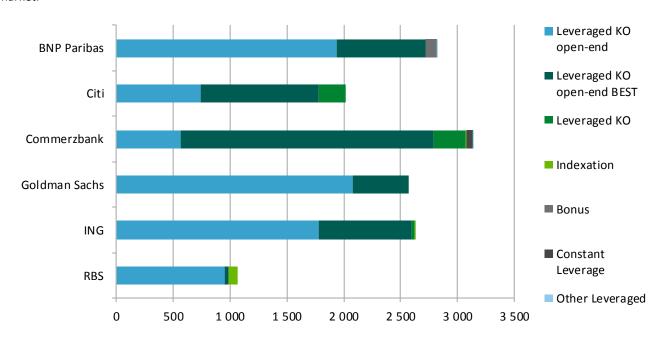
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an Euronext market.



ISSUER ACTIVITY: PRODUCT RANGE

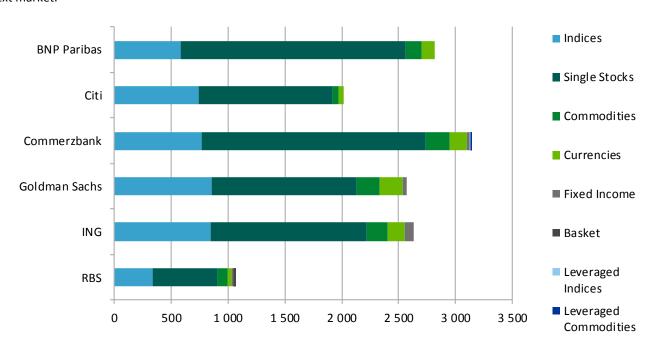
Product types

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.



Market Activity Report - Warrants & Certificates - Euronext Amsterdam - November 2015 31

TOP 50 TRADED PRODUCTS

Top 50 traded products

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

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded (in K€)
FB90B	NL0011437900	Leveraged KO open-end BEST	BNP Paribas	AEX 430.1BL OPENB	449	8,885
FJ27B	NL00111445275	Leveraged KO open-end BEST	BNP Paribas	AEX 454.5BL OPENB	1,332	7,409
6256H	NL0011445275 NL0011415922	Leveraged KO open-end BEST	Goldman Sachs	AEX 452.7TRLOPENH	495	7,329
BE93B	NL0011413322 NL0010912952	Leveraged KO open-end	BNP Paribas	AEX 405TL OPENB	24	5,752
6491H	NL0010312332 NL0011418272	Leveraged KO open-end BEST	Goldman Sachs	AEX 457.6TRLOPENH	506	5,509
FF72B	NL0011410272 NL0011441720	Leveraged KO open-end BEST	BNP Paribas	AEX 441.4BL OPENB	636	5,424
4825H	NL0011441720 NL0011242573	Leveraged KO open-end	Goldman Sachs	AEX 482.2TS OPENH	698	5,418
DY87B	NL0011242373 NL0011269493	Leveraged KO open-end BEST	BNP Paribas	AEX 479.5BS OPENB	1,278	5,099
4843H	NL0011203433	Leveraged KO open-end BEST	Goldman Sachs	AEX 479.TRSOPENH	806	4,644
4841H	NL0011242733	Leveraged KO open-end BEST	Goldman Sachs	AEX 483.TRSOPENH	603	4,400
6260H	NL0011242730 NL0011415963	Leveraged KO open-end BEST	Goldman Sachs	AEX 448.7TRLOPENH	413	4,146
6875H	NL0011413303 NL0011422118	Leveraged KO open-end BEST	Goldman Sachs	AEX 448.7TRLOPENH	305	3,984
6242H	NL0011422118 NL0011415781	Leveraged KO open-end	Goldman Sachs	AEX 438.2TKLOPENH AEX 448.9TL OPENH	590	3,977
FI10B	NL0011413781 NL0011444104	• •	BNP Paribas	AEX 448.5BL OPENB	1,093	3,838
FR80B		Leveraged KO open-end BEST		AEX 446.5BL OPENB		
	NL0011519939	Leveraged KO open-end BEST	BNP Paribas		1,120	3,812
FIOOB	NL0011444096	Leveraged KO open-end BEST	BNP Paribas	AEX 446.5BL OPENB	637	3,738
FIOSB	NL0011444088	Leveraged KO open-end BEST	BNP Paribas	AEX 444.5BL OPENB	262	3,448
FIO7B	NL0011444070	Leveraged KO open-end BEST	BNP Paribas	AEX 442.5BL OPENB	216	3,369
FJ30B	NL0011445309	Leveraged KO open-end BEST	BNP Paribas	DAX 10567BL OPENB	755	3,248
6661H	NL0011419973	Leveraged KO open-end BEST	Goldman Sachs	AEX 455.TRLOPENH	366	3,246
GI46G	NL0011480751	Leveraged KO open-end BEST	ING	AEX 454.4SPLOPENG	890	3,001
DY85B	NL0011269485	Leveraged KO open-end BEST	BNP Paribas	AEX 477.5BS OPENB	1,107	2,998
61BLZ	DE000CN6F2Q4	Leveraged KO open-end BEST	Commerzbank	DAX 9679TL OPENZ	316	2,615
GE92G	NL0011477617	Leveraged KO open-end BEST	ING	AEX 454.5SPLOPENG	832	2,541
6246H	NL0011415823	Leveraged KO open-end	Goldman Sachs	AEX 444.9TL OPENH	181	2,438
FI53B	NL0011444534	Leveraged KO open-end	BNP Paribas	AEX 457TL OPENB	260	2,368
DZ21B	NL0011269667	Leveraged KO open-end	BNP Paribas	AEX 477TS OPENB	387	2,166
BE91B	NL0010912937	Leveraged KO open-end	BNP Paribas	AEX 403TL OPENB	44	2,127
DY89B	NL0011269501	Leveraged KO open-end BEST	BNP Paribas	AEX 481.5BS OPENB	508	2,052
FI47B	NL0011444476	Leveraged KO open-end	BNP Paribas	AEX 446TL OPENB	278	1,986
FN10B	NL0011449103	Leveraged KO open-end BEST	BNP Paribas	AEX 460.2BL OPENB	556	1,984
FB24B	NL0011437249	Leveraged KO open-end	BNP Paribas	AEX 424TL OPENB	92	1,959
42LPZ	DE000CN6FMQ7	Leveraged KO open-end BEST	Commerzbank	DAX 10041TL OPENZ	276	1,934
6345H	NL0011416813	Leveraged KO open-end BEST	Goldman Sachs	DAX 10565TRLOPENH	291	1,930
FS15B	NL0011520283	Leveraged KO open-end BEST	BNP Paribas	DAX 10834BL OPENB	344	1,929
GG62G	NL0011479118	Leveraged KO open-end BEST	ING	AEX 459.9SPLOPENG	1,273	1,881
FR16B	NL0011519293	Leveraged KO open-end BEST	BNP Paribas	AEX 452.6BL OPENB	417	1,857
4824H	NL0011242565	Leveraged KO open-end	Goldman Sachs	AEX 484.2TS OPENH	291	1,840
FR33B	NL0011519467	Leveraged KO open-end	BNP Paribas	AEX 455TL OPENB	215	1,746
6154H	NL0011414909	Leveraged KO open-end	Goldman Sachs	AEX 443.9TL OPENH	222	1,704
FI48B	NL0011444484	Leveraged KO open-end	BNP Paribas	AEX 448TL OPENB	333	1,670
FF71B	NL0011441712	Leveraged KO open-end BEST	BNP Paribas	AEX 440.4BL OPENB	258	1,668
AP01B	NL0010897039	Leveraged KO open-end BEST	BNP Paribas	DAX 9010BL OPENB	36	1,631
AJ43B	NL0010891453	Leveraged KO open-end BEST	BNP Paribas	DAX 8410BL OPENB	18	1,628
DX47B	NL0011268792	Leveraged KO open-end BEST	BNP Paribas	AEX 486.7BS OPENB	277	1,544
8319N	NL0010379210	Leveraged KO open-end	RBS	DAX 7590TL OPENN	53	1,544
GE19G	NL0011476882	Leveraged KO open-end BEST	ING	AEX 447.7SPLOPENG	612	1,530
FF51B	NL0011441514	Leveraged KO open-end	BNP Paribas	AEX 439TL OPENB	93	1,504
FM85B	NL0011448857	Leveraged KO open-end BEST	BNP Paribas	AEX 455.2BL OPENB	416	1,483
FO26B	NL0011516398	Leveraged KO open-end	BNP Paribas	AEX 473TS OPENB	211	1,477



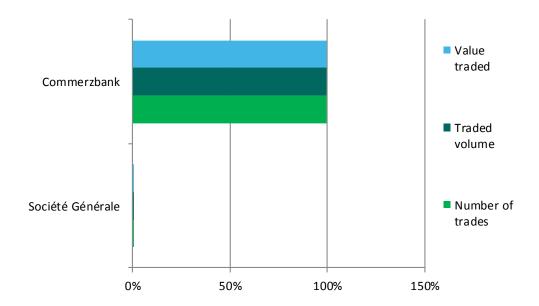
Euronext Brussels

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			
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		
Commerzbank	561.5	-11%	-27%	99.6%	597.3	-38%	-35%	99.8%	254	-12%	-19%	99.6%
Société Générale	2.5	ND	947%	0.4%	1.1	ND	959%	0.2%	1	33%	360%	0.4%
Total	564.0	-11%	-27%		598.5	-38%	-35%		255	-12%	-19%	

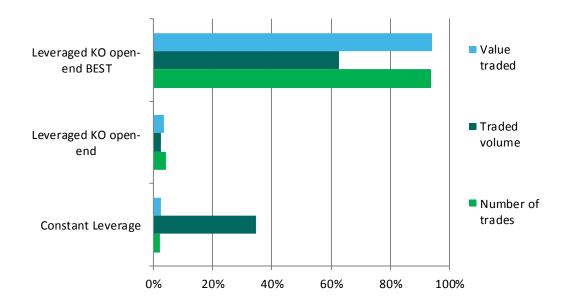


Product types

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 v	/olume		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	531.3	-8.1%	-22%	94.2%	375.8	-21%	-32%	62.8%	239	-8.3%	-13%	93.7%
Leveraged KO open-end	19.1	-49%	-64%	3.4%	15.8	-67%	-66%	2.6%	11	-49%	-50%	4.1%
Constant Leverage	13.7	-26%	-68%	2.4%	206.8	-53%	-34%	34.6%	5	-40%	-70%	2.2%
Total	564.0	-11%	-27%		598.5	-38%	-35%		255	-12%	-19%	·

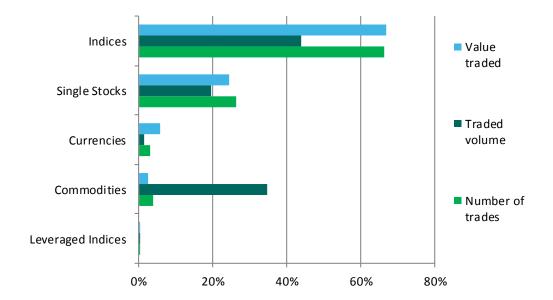


Underlying types

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	377.1	-5.6%	-27%	66.9%	263.2	-21%	-37%	44.0%	169	-11%	-15%	66.4%
Single Stocks	138.4	-18%	-8.0%	24.5%	117.9	-34%	-30%	19.7%	67	-14%	-6.8%	26.2%
Currencies	32.3	-18%	-21%	5.7%	8.9	-44%	-50%	1.5%	8	10%	-49%	3.1%
Commodities	13.7	-45%	-78%	2.4%	207.7	-52%	-32%	34.7%	10	-34%	-63%	3.9%
Leveraged Indices	2.5	283%	19%	0.4%	0.7	ND	22%	0.1%	1	98%	38%	0.3%
Total	564.0	-11%	-27%		598.5	-38%	-35%		255	-12%	-19%	

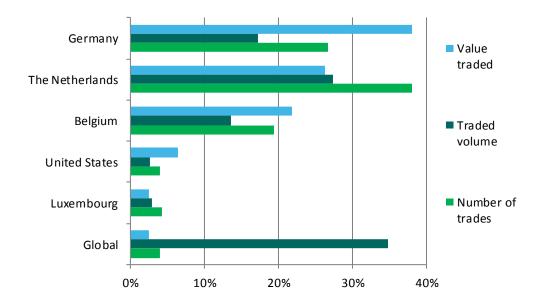


Top 10 underlying countries

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	/olume		١	lumber c	ftrades	
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	214.3	24%	8.1%	38.0%	103.3	33%	42%	17.3%	68	14%	5.3%	26.7%
The Netherlands	148.3	-33%	-51%	26.3%	163.6	-38%	-53%	27.3%	97	-23%	-22%	38.0%
Belgium	123.3	-20%	-7.8%	21.9%	81.6	-42%	-25%	13.6%	49	-22%	-19%	19.4%
United States	35.8	-18%	-22%	6.3%	15.6	-48%	-45%	2.6%	10	-11%	-47%	4.0%
Luxembourg	13.8	43%	32%	2.5%	17.4	72%	-44%	2.9%	11	34%	111%	4.2%
Global	13.8	-45%	-78%	2.4%	208.1	-52%	-32%	34.8%	10	-33%	-63%	3.9%
Other	14.7	65%	-22%	2.6%	8.9	45%	-56%	1.5%	9	22%	-17%	3.7%
Total	564.0	-11%	-27%		598.5	-38%	-34%		255	-12%	-19%	



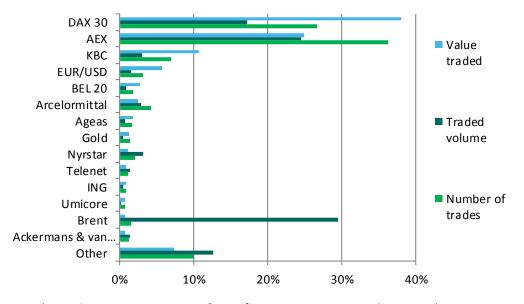
MARKET OVERVIEW

Top 15 underlyings

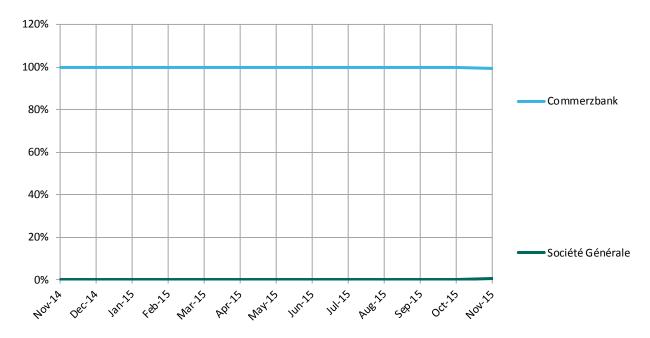
The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Brussels.

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	olume/		١	lumber o	ftrades	
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	214.3	24%	8.2%	38.0%	103.3	33%	42%	17.3%	68	14%	5.3%	26.7%
AEX	140.8	-32%	-52%	25.0%	146.6	-37%	-54%	24.5%	92	-21%	-21%	36.3%
KBC	60.7	25%	107%	10.8%	18.1	38%	180%	3.0%	18	9.8%	61%	7.0%
EUR/USD	32.3	-18%	-21%	5.7%	8.9	-44%	-50%	1.5%	8	10%	-49%	3.1%
BEL 20	15.3	5.4%	-31%	2.7%	5.1	-38%	-52%	0.8%	5	-32%	-58%	1.9%
Arcelormittal	13.8	43%	32%	2.5%	17.4	72%	-44%	2.9%	11	34%	111%	4.2%
Ageas	10.2	-29%	-36%	1.8%	4.3	67%	3.9%	0.7%	4	44%	1.0%	1.6%
Gold	6.9	-38%	-57%	1.2%	2.4	-20%	-51%	0.4%	4	-39%	-52%	1.5%
Nyrstar	6.2	-84%	-65%	1.1%	18.9	-70%	-36%	3.2%	5	-71%	-40%	2.0%
Telenet	5.1	-28%	-16%	0.9%	8.6	-17%	8.5%	1.4%	3	-18%	-23%	1.2%
ING	4.6	-41%	-49%	0.8%	2.6	-54%	-65%	0.4%	2	-13%	-28%	0.9%
Umicore	4.4	-42%	11%	0.8%	1.4	-74%	-44%	0.2%	2	-43%	9.9%	0.7%
Brent	4.3	-66%	-88%	0.8%	176.8	-56%	-34%	29.5%	4	-46%	-75%	1.5%
Ackermans & van Haaren	4.1	28%	11%	0.7%	8.1	100%	33%	1.4%	3	345%	79%	1.3%
Other	41.2	1.4%	-45%	7.3%	76.0	-31%	-38%	12.7%	26	-16%	-38%	10.1%
Total	564.0	-11%	-27%		598.5	-38%	-35%		255	-12%	-19%	

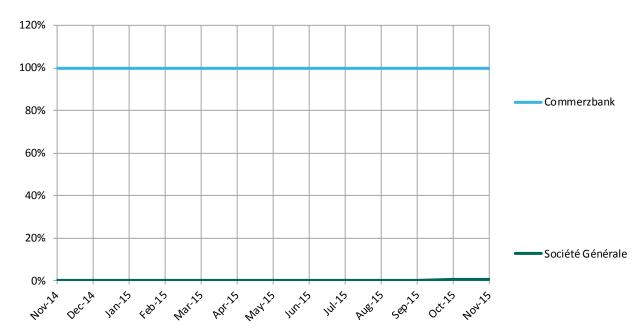


The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Brussels.

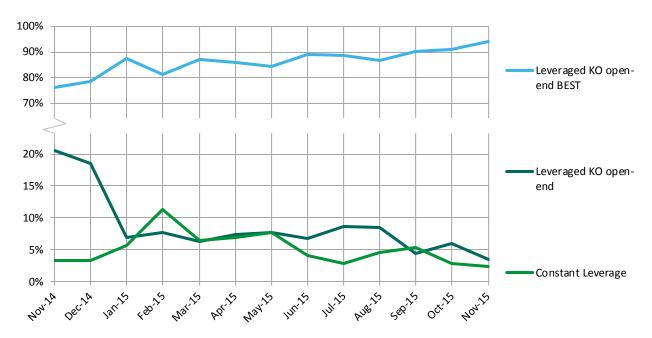


Number of transactions

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



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

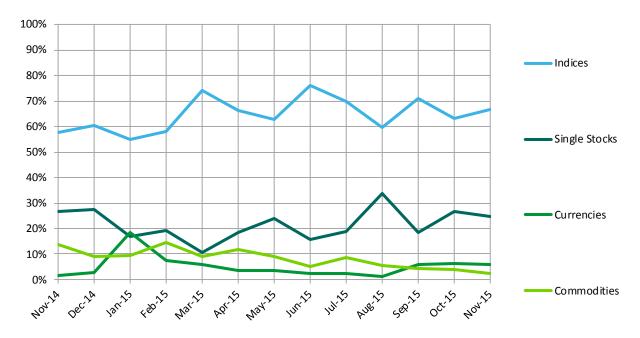


Number of transactions

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

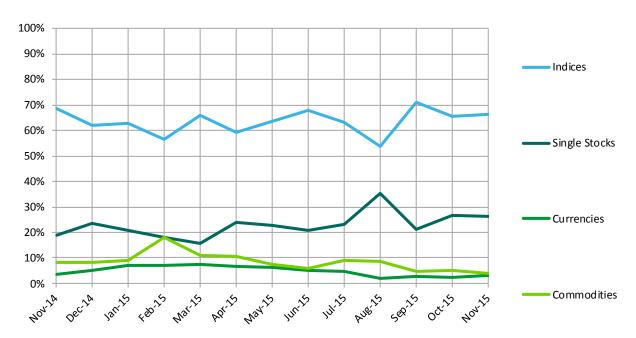


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Brussels.



Number of transactions

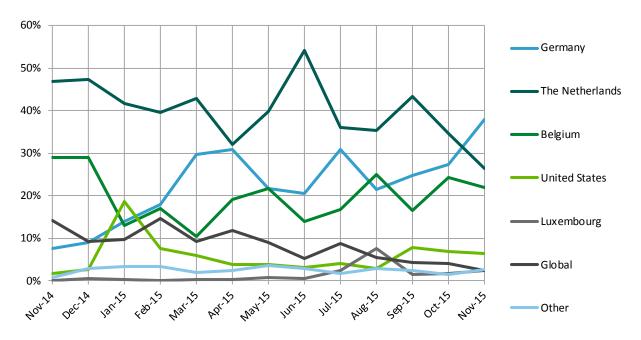
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Brussels.



MARKET TREND: UNDERLYING COUNTRIES

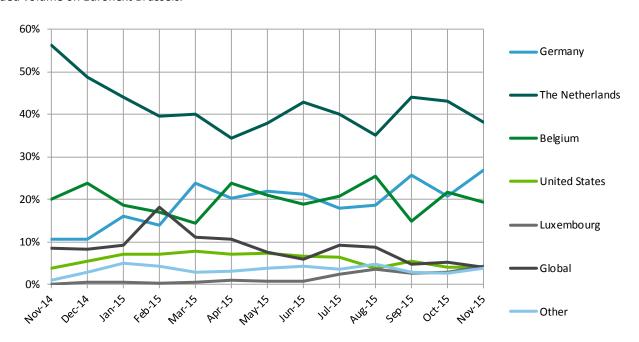
Value traded

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.

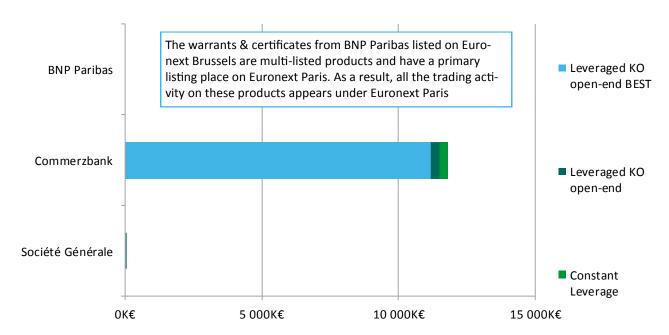


Number of transactions

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.

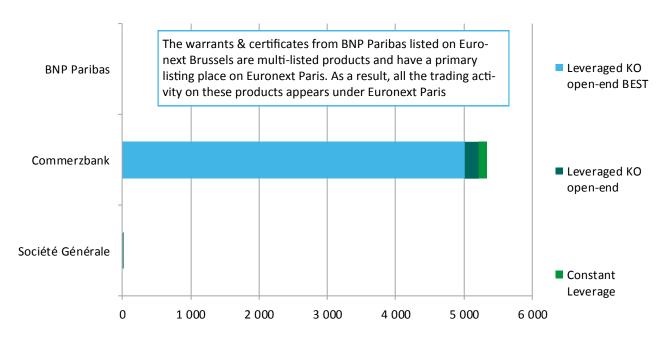


The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Brussels.



Number of transactions

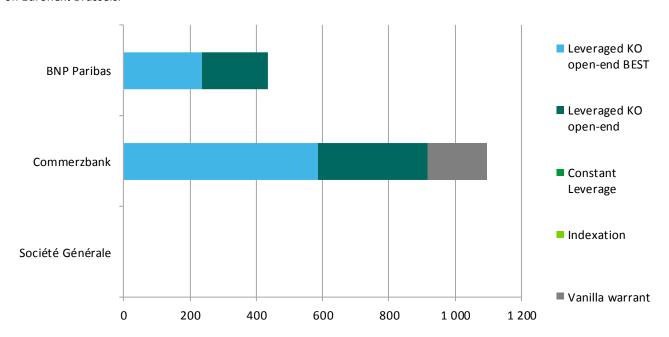
The chart below displays the number of trades per product type for each issuer active on Euronext Brussels.



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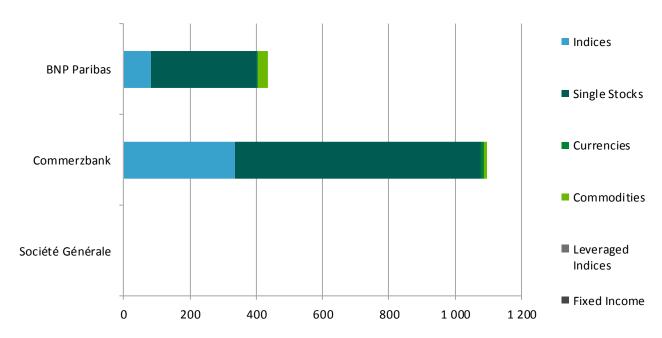
Product types

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

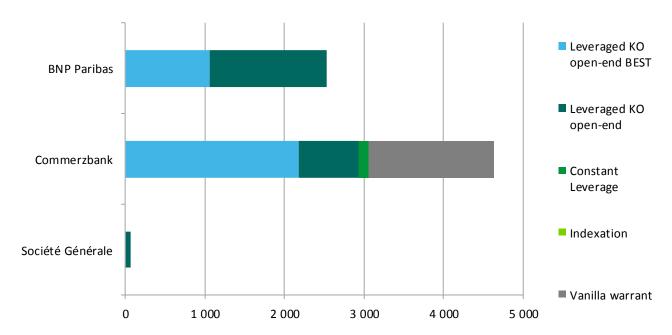
The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Brussels.



ISSUER ACTIVITY: PRODUCT RANGE

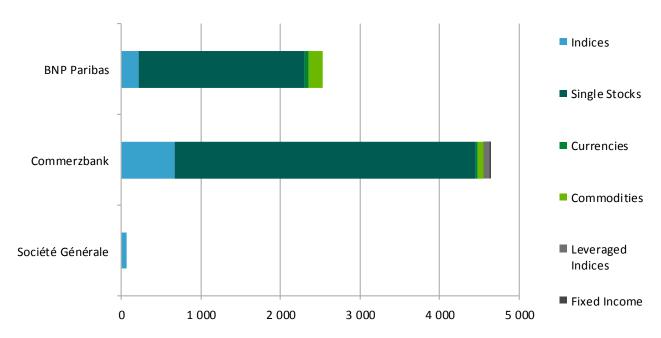
Product types

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

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	Issuer	Name	Number of trades	Value traded
						(in K€)
93KWZ	DE000CN1V9R2	Leveraged KO open-end BEST	Commerzbank	DAX 11246TS OPENZ	71	603
89LLZ	DE000CN1VXS8	Leveraged KO open-end BEST	Commerzbank	KBC 58.22TS OPENZ	112	540
37LNZ	DE000CN1W186	Leveraged KO open-end BEST	Commerzbank	DAX 10673TL OPENZ	203	536
72Z7Z	DE000CR0KHR4	Leveraged KO open-end BEST	Commerzbank	KBC 51.8TL OPENZ	129	383
86AXZ	DE000CN1VAW8	Leveraged KO open-end BEST	Commerzbank	DAX 11145TS OPENZ	91	319
27LNZ	DE000CN1W178	Leveraged KO open-end BEST	Commerzbank	DAX 10573TL OPENZ	105	275
75LSZ	DE000CN1W681	Leveraged KO open-end BEST	Commerzbank	DAX 10893TL OPENZ	98	269
11BSZ	DE000CN1W5V1	Leveraged KO open-end BEST	Commerzbank	DAX 10693TL OPENZ	50	248
91WTZ	DE000CN1W7W5	Leveraged KO open-end BEST	Commerzbank	DAX 11198TL OPENZ	38	237
74WPZ	DE000CN1W2V8	Leveraged KO open-end BEST	Commerzbank	DAX 10779TL OPENZ	104	226
63BNZ	DE000CN1W087	Leveraged KO open-end BEST	Commerzbank	DAX 10273TL OPENZ	24	216
44WPZ	DE000CN1W2S4	Leveraged KO open-end BEST	Commerzbank	AEX 463.9TL OPENZ	201	206
13BMZ	DE000CN1VYE6	Leveraged KO open-end BEST	Commerzbank	AEX 434.TL OPENZ	31	187
17LNZ	DE000CN1W160	Leveraged KO open-end BEST	Commerzbank	DAX 10473TL OPENZ	44	182
35I7Z	DE000CR0JSL6	Leveraged KO open-end BEST	Commerzbank	BEL20 3054TL OPENZ	32	173
31WSZ	DE000CN1W6G0	Leveraged KO open-end BEST	Commerzbank	DAX 10993TL OPENZ	69	161
45LSZ	DE000CN1W657	Leveraged KO open-end BEST	Commerzbank	AEX 463.5TL OPENZ	39	149
52LSZ	DE000CN1W624	Leveraged KO open-end BEST	Commerzbank	DAX 10793TL OPENZ	66	146
98LPZ	DE000CN1W2M7	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.11TS OPENZ	35	144
33BNZ	DE000CN1W053	Leveraged KO open-end BEST	Commerzbank	AEX 448.1TL OPENZ	50	139
84WPZ	DE000CN1W2W6	Leveraged KO open-end BEST	Commerzbank	DAX 10879TL OPENZ	71	131
67P8Z	DE000CR0K1F9	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.24TS OPENZ	15	131
32LTZ	DE000CN1W7F0	Leveraged KO open-end BEST	Commerzbank	DAX 10998TL OPENZ	37	124
81VXZ	DE000CN1VC79	Leveraged KO open-end BEST	Commerzbank	AEX 479.TS OPENZ	113	113
55BRZ	DE000CN1W4V4	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.09TS OPENZ	21	111
43BNZ	DE000CN1W061	Leveraged KO open-end BEST	Commerzbank	AEX 450.1TL OPENZ	41	105
44P7Z	DE000CR0K0U0	Leveraged KO open-end BEST	Commerzbank	AEX 397.5TL OPENZ	7	104
14WPZ	DE000CN1W2P0	Leveraged KO open-end BEST	Commerzbank	AEX 457.9TL OPENZ	45	102
67LNZ	DE000CN1W0B4	Leveraged KO open-end BEST	Commerzbank	AGEAS38.65TL OPENZ	45	101
83KWZ	DE000CN1V9Q4	Leveraged KO open-end BEST	Commerzbank	DAX 11346TS OPENZ	28	99
47BTZ	DE000CN1W731	Leveraged KO open-end BEST	Commerzbank	AEX 459.8TL OPENZ	29	97
73BTZ	DE000CN1W6R7	Leveraged KO open-end BEST	Commerzbank	DAX 11136TS OPENZ	51	93
27WQZ	DE000CN1W4C4	Leveraged KO open-end BEST	Commerzbank	KBC 53.49TL OPENZ	38	92
12N8Z	DE000CR0JZY4	Leveraged KO open-end BEST	Commerzbank	KBC 42.46TL OPENZ	22	88
18BMZ	DE000CN1VYU2	Leveraged KO open-end BEST	Commerzbank	AEX 442.TL OPENZ	20	88
17Q9Z	DE000CR0K2T8	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.2TS OPENZ	13	75
87BMZ	DE000CN1VYS6	Leveraged KO open-end BEST	Commerzbank	AEX 438.TL OPENZ	25	75
41KAZ	DE000CR0KKF3	Leveraged KO open-end BEST	Commerzbank	EUUSD 1.03TL OPENZ	6	74
12LSZ	DE000CN1W5Y5	Leveraged KO open-end BEST	Commerzbank	AEX 461.5TL OPENZ	102	73
71W4Z	DE000CM8NVW7	Leveraged KO open-end BEST	Commerzbank	GOLD 980TL OPENZ	24	73
53BJZ	DE000CN1VVG7	Leveraged KO open-end BEST	Commerzbank	AEX 429.7TL OPENZ	15	72
39KVZ	DE000CN1V8E2	Leveraged KO open-end BEST	Commerzbank	DAX 11649TS OPENZ	11	71
97LNZ	DE000CN1W0E8	Leveraged KO open-end BEST	Commerzbank	ENGIE14.75TL OPENZ	46	69
97AWZ	DE000CN1V998	Leveraged KO open-end BEST	Commerzbank	DAX 11546TS OPENZ	35	68
81LTZ	DE000CN1W7B9	Leveraged KO open-end BEST	Commerzbank	AEX 465.8TL OPENZ	57	67
93AXZ	DE000CN1VAD8	Leveraged KO open-end BEST	Commerzbank	AEX 482TS OPENZ	46	66
35W3Z	DE000CM8MSH6	Constant Leverage	Commerzbank	BRENT FACOPENZ	52	66
82KWZ	DE000CN1V9F7	Leveraged KO open-end BEST	Commerzbank	AEX 488TS OPENZ	29	66
79WRZ	DE000CN1W5S7	Leveraged KO open-end BEST	Commerzbank	AEX 453.5TL OPENZ	44	60
63BMZ	DE000CN1VYK3	Leveraged KO open-end BEST	Commerzbank	ARCMI 6.07TS OPENZ	14	56
(Source: Fi						20



Euronext Lisbon

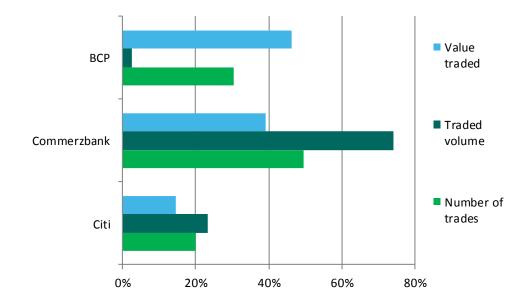
MARKET OVERVIEW

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	815.2	24%	-39%	46.2%	34.5	23%	-52%	2.6%	129	31%	-35%	30.3%
Commerzbank	692.5	44%	13%	39.3%	1,002.6	32%	26%	74.1%	211	7.2%	10%	49.7%
Citi	255.4	-24%	-47%	14.5%	316.0	-20%	-27%	23.4%	85	-11%	-16%	20.0%
Total	1,763.2	20%	-28%		1,353.1	14%	4.1%		425	8.5%	-13%	

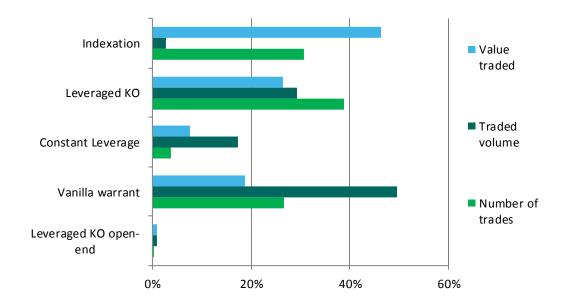


Product types

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 v	olume/		N	lumber c	ftrades	
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	817.2	24%	-39%	46.3%	37.5	29%	-48%	2.8%	131	32%	-34%	30.7%
Leveraged KO	466.2	6.4%	-4.6%	26.4%	397.7	-18%	-13%	29.4%	165	-8.9%	-13%	38.9%
Constant Leverage	133.6	94%	5.9%	7.6%	233.5	72%	41%	17.3%	16	-5.1%	-15%	3.7%
Vanilla warrant	331.2	7.1%	-30%	18.8%	671.5	26%	11%	49.6%	113	20%	37%	26.6%
Leveraged KO open-end	15.0	ND	325%	0.9%	13.0	ND	365%	1.0%	1	20%	-25%	0.2%
Total	1,763.2	20%	-28%		1,353.1	14%	4.1%		425	8.5%	-13%	



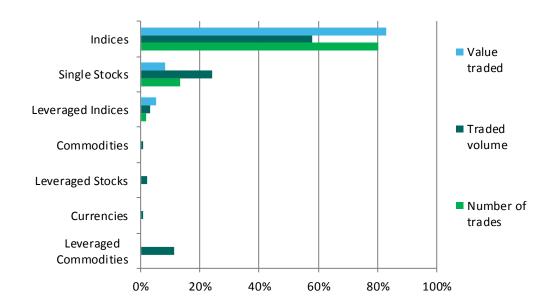
MARKET OVERVIEW

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	/olume		١	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 K€)	month			(in K€)	month				month		
Indices	1,451.8	20%	-29%	83.1%	776.7	1.7%	-6.2%	58.1%	339	8.5%	-16%	80.4%
Single Stocks	145.3	4.7%	-20%	8.3%	323.2	22%	18%	24.2%	56	11%	3.2%	13.3%
Leveraged Indices	92.1	192%	39%	5.3%	42.1	43%	-23%	3.1%	7	43%	22%	1.7%
Commodities	19.4	-48%	-70%	1.1%	9.3	46%	-60%	0.7%	6	12%	-27%	1.4%
Leveraged Stocks	17.2	-18%	-51%	1.0%	27.2	29%	13%	2.0%	5	-37%	-39%	1.1%
Currencies	13.1	-39%	-44%	0.8%	10.4	-19%	21%	0.8%	8	22%	106%	1.9%
Leveraged Commodities	7.7	137%	-38%	0.4%	149.1	263%	125%	11.1%	1	10.0%	-60%	0.2%
Total	1,746.6	19%	-28%		1,338.0	17%	4.6%		422	8.7%	-14%	

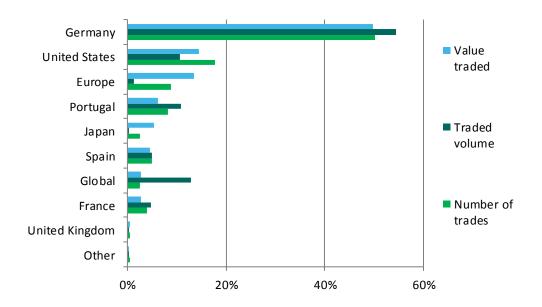


Top 10 underlying countries

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 t	raded			Traded v	olume/		N	lumber c	ftrades	
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	876.6	18%	-15%	49.7%	736.4	8.0%	5.3%	54.4%	213	0.8%	-8.1%	50.1%
United States	256.0	28%	-35%	14.5%	143.1	-6.7%	-20%	10.6%	76	9.7%	-17%	17.8%
Europe	239.2	5.7%	-48%	13.6%	18.1	27%	-43%	1.3%	38	35%	-35%	8.9%
Portugal	109.9	1.0%	-15%	6.2%	146.4	26%	61%	10.8%	35	16%	1.6%	8.2%
Japan	94.1	186%	4.8%	5.3%	0.5	167%	2.2%	0.0%	11	27%	-39%	2.6%
Spain	80.5	40%	-42%	4.6%	66.9	-33%	-40%	4.9%	21	1.5%	-16%	5.0%
Global	49.3	-17%	-49%	2.8%	174.4	85%	56%	12.9%	11	3.9%	-23%	2.6%
France	48.0	16%	-24%	2.7%	63.9	197%	27%	4.7%	17	53%	23%	4.0%
United Kingdom	9.0	26%	-70%	0.5%	0.5	-4.7%	-67%	0.0%	2	34%	-49%	0.5%
Other	0.6	155%	51%	0.0%	2.8	220%	361%	0.2%	2	177%	275%	0.4%
Total	1,763.2	20%	-27%		1,353.1	14%	6.0%		425	8.5%	-13%	

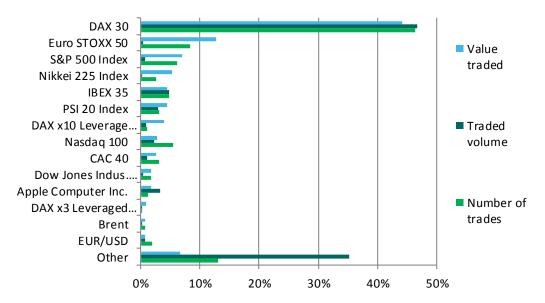


Top 15 underlyings

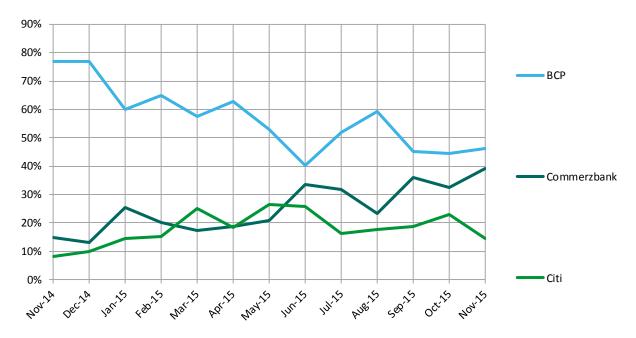
The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Lisbon.

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 v	olume/		١	lumber o	ftrades	
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	777.6	11%	-19%	44.1%	632.0	3.4%	5.4%	46.7%	197	-1.2%	-9.2%	46.3%
Euro STOXX 50	225.6	8.2%	-48%	12.8%	6.6	2.9%	-46%	0.5%	36	37%	-36%	8.4%
S&P 500 Index	122.0	28%	-41%	6.9%	9.9	13%	-56%	0.7%	26	21%	-36%	6.2%
Nikkei 225 Index	94.1	186%	4.8%	5.3%	0.5	167%	2.2%	0.0%	11	27%	-39%	2.6%
IBEX 35	80.0	42%	-41%	4.5%	65.3	-24%	-38%	4.8%	20	6.8%	-15%	4.7%
PSI 20 Index	79.9	-7.3%	-23%	4.5%	40.0	256%	241%	3.0%	14	18%	-26%	3.2%
DAX x10 Leverage Index	70.4	305%	42%	4.0%	13.0	122%	266%	1.0%	4	97%	53%	1.1%
Nasdaq 100	49.0	102%	21%	2.8%	29.8	9.8%	6.8%	2.2%	23	21%	8.8%	5.5%
CAC 40	45.1	14%	-26%	2.6%	14.6	224%	-59%	1.1%	13	65%	21%	3.2%
Dow Jones Indus. Avg.	30.6	51%	-41%	1.7%	5.5	-47%	61%	0.4%	7	23%	-33%	1.7%
Apple Computer Inc.	30.0	16%	-26%	1.7%	44.7	6.9%	-33%	3.3%	6	-25%	-32%	1.3%
DAX x3 Leveraged Index	14.8	390%	241%	0.8%	0.8	260%	272%	0.1%	1	-13%	127%	0.2%
Brent	13.9	63%	-72%	0.8%	3.2	-13%	-66%	0.2%	3	-18%	-40%	0.8%
EUR/USD	13.1	-39%	-44%	0.7%	10.4	-19%	21%	0.8%	8	22%	106%	1.9%
Other	117.1	-13%	-39%	6.6%	477.0	34%	21%	35.3%	55	9.1%	3.4%	13.0%
Total	1,763.2	20%	-28%		1,353.1	14%	4.1%		425	8.5%	-13%	

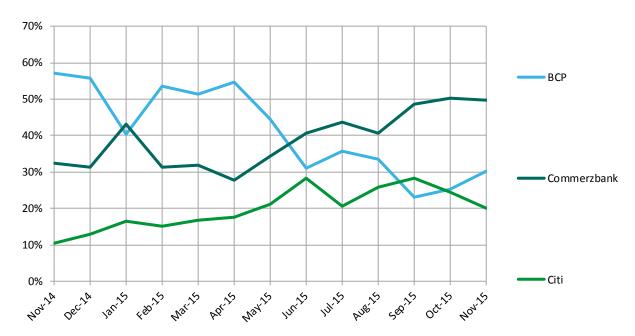


The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Lisbon.

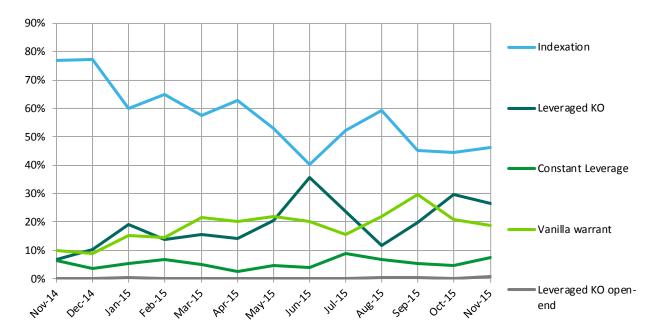


Number of transactions

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

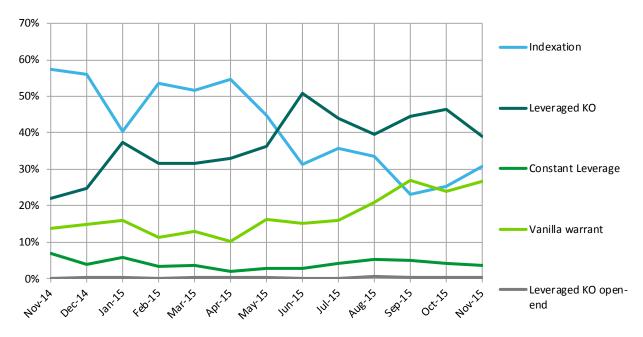


The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Lisbon.

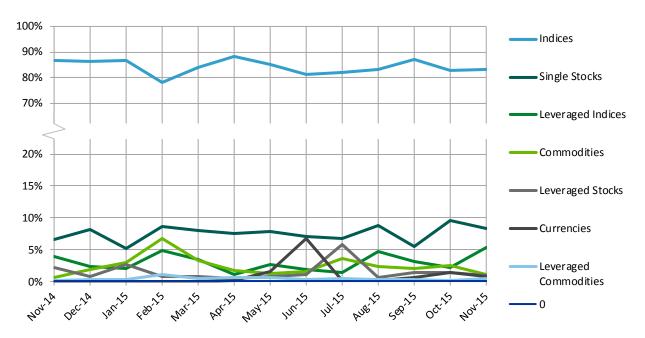


Number of transactions

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

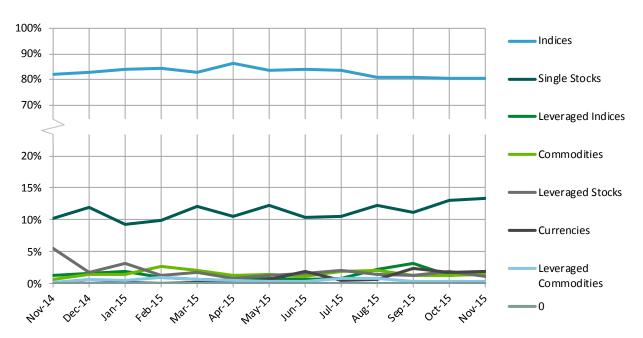


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Lisbon.



Number of transactions

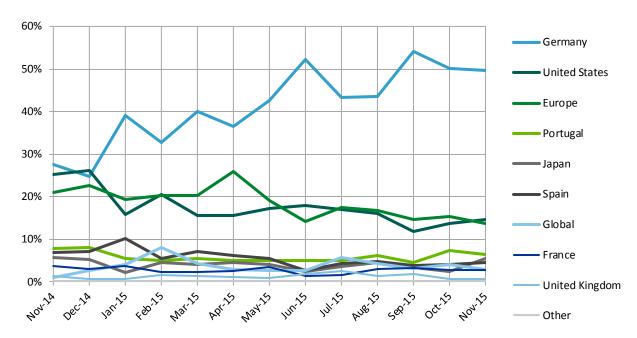
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Lisbon.



MARKET TREND: UNDERLYING COUNTRIES

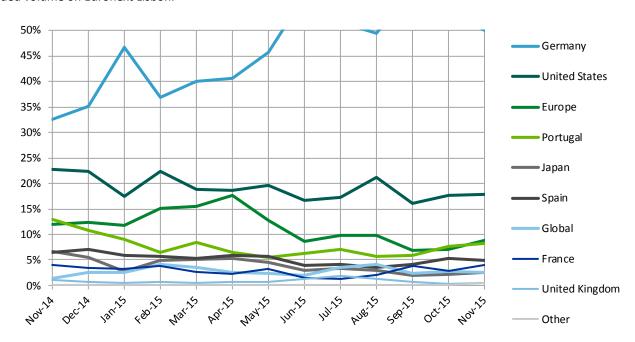
Value traded

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.

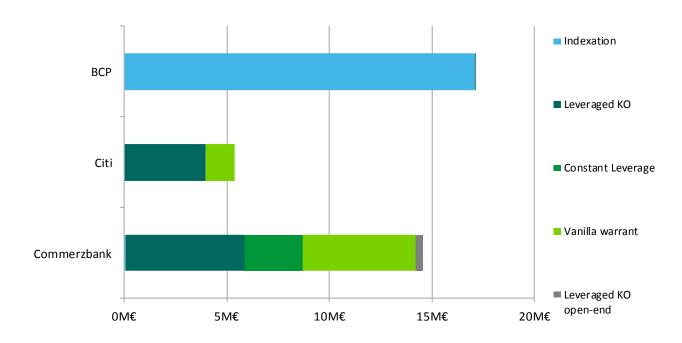


Number of transactions

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.

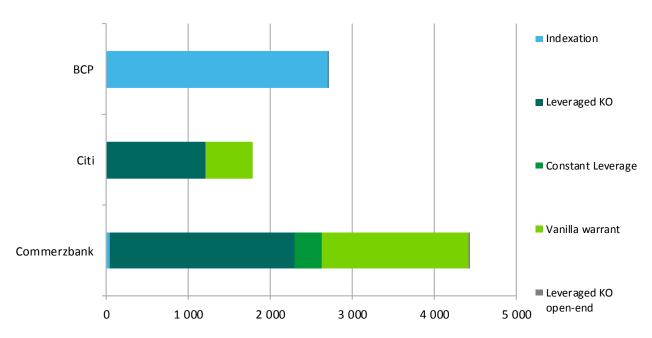


The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Lisbon.



Number of transactions

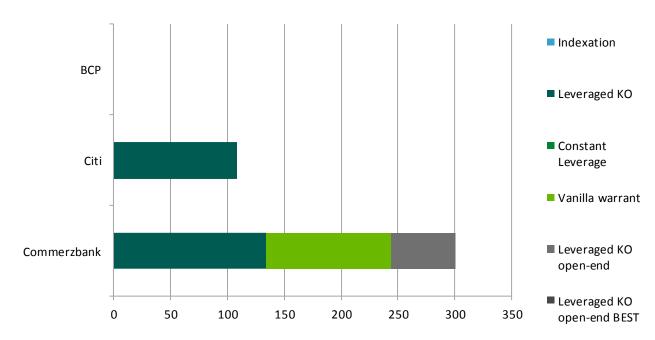
The chart below displays the number of trades per product type for each issuer active on Euronext Lisbon.



Market Activity Report - Warrants & Certificates - Euronext Lisbon - November 2015 57

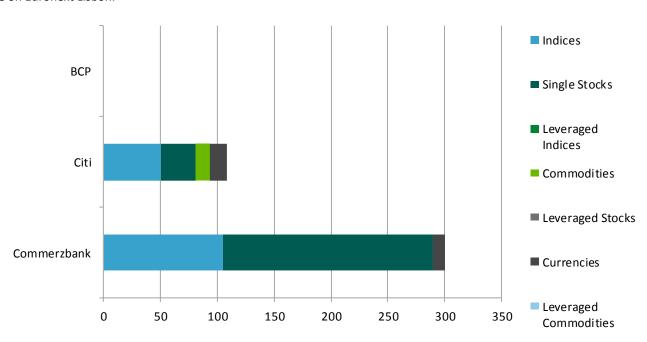
Product types

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

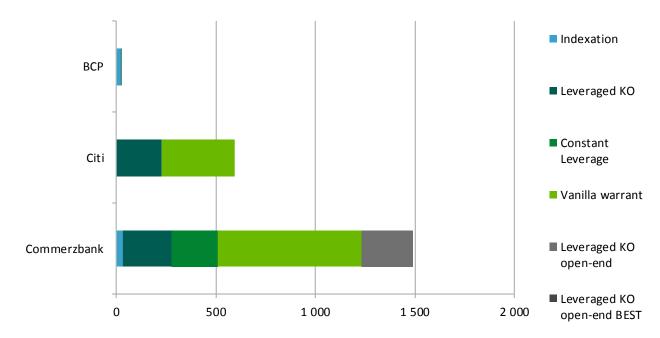
The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Lisbon.



ISSUER ACTIVITY: PRODUCT RANGE

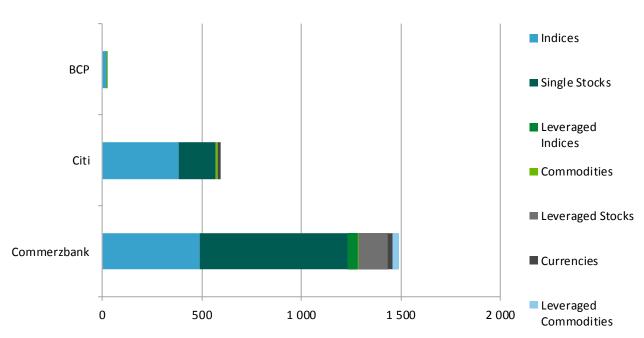
Product types

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.



Market Activity Report - Warrants & Certificates - Euronext Lisbon - November 2015 59

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	Issuer	Name	Number of trades	Value traded
1025P	PTBIVRYE0068	Pure indexation	ВСР	ESTX PI OPENP	746	(in K€) 4,738
1023P	PTBITEYE0034	Pure indexation	ВСР	DAX PLOPENP	346	2,991
1027P	PTBITAYE0034	Pure indexation	ВСР	SP500 PLOPENP	499	2,501
1029P 1032P			ВСР			1,977
DAX0Z	PTBCS1YE0010	Pure indexation		NIKEI PI OPENP	232 94	1,977
Z989Z	DE000CD8K6U0	Constant Leverage	Commerzbank	DAX FACOPENZ	145	1,478
	DE000CR8K6U9	Leveraged KO	Commerzbank	DAX 10650TL 1215Z		
V521Z	DE000CR18AZ4 PTBIXRYE0025	Vanilla warrant Pure indexation	Commerzbank	DAX 11000C 1215Z	74	1,161
1023P 1028P			BCP	IBEX PLOPENP	180	1,099
	PTBIY1YE0064	Pure indexation	BCP	PSI 2 PI OPENP	176	975
1040P	PTBIWKYE0023	Pure indexation	BCP	CAC40 PI OPENP	139	778
V522Z	DE000CR18B06	Vanilla warrant	Commerzbank	DAX 11200C 1215Z	72 120	746
Z431Z	DE000CR8JYD4	Vanilla warrant	Commerzbank	DAX 10200C 0316Z	120	625
1026P	PTBIYZYE0040	Pure indexation	BCP	DJIND PLOPENP	131	622
P824C	DE000CX0D5Q4	Leveraged KO	Citi	DAX 10850TL 0316C	74	551
V529Z	DE000CR18B71	Vanilla warrant	Commerzbank	DAX 10500P 1215Z	157	527
Z860Z	DE000CR8K3X0	Leveraged KO	Commerzbank	DAX 11100TS 1215Z	247	490
1050P	PTBIWBYE0057	Pure indexation	ВСР	NASDQ PLOPENP	52	466
P336C	DE000CW1ZRC4	Leveraged KO	Citi	DAX 11200TS 1215C	76	354
DAX3Z	DE000CZ28HW8	Constant Leverage	Commerzbank	DAX3Z ACCOPENZ	20	311
5089Z	DE000CR8K7J0	Leveraged KO	Commerzbank	DAX 10300TL 0316Z	18	294
1039P	PTBIZJYE0064	Pure indexation	BCP	BRENT PI OPENP	67	293
Z986Z	DE000CR8K6R5	Leveraged KO	Commerzbank	DAX 10500TL 1215Z	91	285
Z433Z	DE000CR8JYF9	Vanilla warrant	Commerzbank	DAX 11700C 0316Z	13	264
Z988Z	DE000CR8K6T1	Leveraged KO	Commerzbank	DAX 10600TL 1215Z	104	262
P751C	DE000CX0D3K2	Leveraged KO	Citi	APPLE112.5TL 1215C	26	254
P727C	DE000CX0D2V1	Leveraged KO	Citi	DAX 10600TL 1215C	47	250
Z516Z	DE000CB1W974	Leveraged KO	Commerzbank	DAX 11400TS 1215Z	126	238
1043P	PTBCLOYE0028	Pure indexation	ВСР	ESTBK PI OPENP	28	233
5088Z	DE000CR8K7H4	Leveraged KO	Commerzbank	DAX 10000TL 0316Z	15	226
P717C	DE000CX0D2K4	Leveraged KO	Citi	APPLE 110TL 1215C	30	215
Z595Z	DE000CB1WEJ9	Leveraged KO	Commerzbank	DAX 11200TS 1215Z	233	214
P678C	DE000CX0D1E9	Leveraged KO	Citi	DAX 10550TL 1215C	68	213
5213Z	DE000CR8K8A7	Leveraged KO	Commerzbank	DAX 9900TL 0316Z	11	211
EURQZ	DE000CZ4V6K4	Constant Leverage	Commerzbank	EUS15 FACOPENZ	8	208
P804C	DE000CX0D541	Leveraged KO	Citi	DAX 10750TL 0316C	44	193
V528Z	DE000CR18B63	Vanilla warrant	Commerzbank	DAX 10200P 1215Z	40	188
P334C	DE000CW1ZRA8	Leveraged KO	Citi	DAX 11100TS 1215C	66	188
P338C	DE000CW1ZRE0	Leveraged KO	Citi	DAX 11400TS 1215C	66	179
5208Z	DE000CR8K851	Leveraged KO	Commerzbank	DAX 10850TL 1215Z	65	179
1024P	PTBIXQYE0026	Pure indexation	ВСР	FTSE PI OPENP	37	178
Y953Z	DE000CR8JRN7	Leveraged KO open-end	Commerzbank	PSI20 6420TS OPENZ	4	170
BCPDZ	DE000CZ28HE6	Constant Leverage	Commerzbank	BCPDZ ACCOPENZ	6	162
Y360Z	DE000CR18Q09	Vanilla warrant	Commerzbank	DAX 11500C 1215Z	27	154
Z548Z	DE000CR17CF4	Leveraged KO	Commerzbank	IBEX 10800TS 1215Z	42	153
F295C	DE000CC4AAS7	Vanilla warrant	Citi	DAX 11100C 1215C	58	153
OIL4Z	DE000CZ28NC8	Constant Leverage	Commerzbank	OIL4Z ACCOPENZ	9	149
Z594Z	DE000CB1WEH3	Leveraged KO	Commerzbank	DAX 11000TS 1215Z	211	144
P170C	DE000CW1ZLG8	Vanilla warrant	Citi	DAX 11000P 0316C	4	143
P671C	DE000CX0D178	Leveraged KO	Citi	DAX 10100TL 1215C	8	131
P805C (Source: Eu	DE000CX0D558	Leveraged KO	Citi	DAX 10800TL 0316C	69	128



Euronext Paris

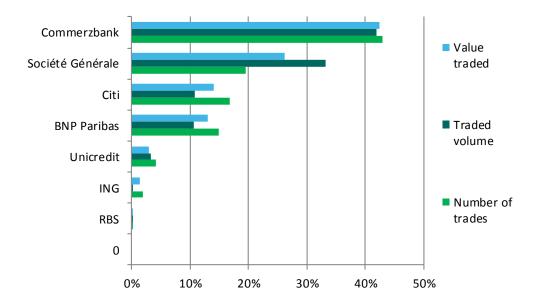
MARKET OVERVIEW

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 traded Daily Month vs. YTD Market					Traded v	/olume		١	lumber c	ftrades	
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	7.5	20%	-10.0%	42.5%	13.9	-20%	-25%	41.9%	2,586	-2.7%	-15%	43.0%
Société Générale	4.6	3.8%	-33%	26.2%	11.0	23%	8.6%	33.2%	1,172	-6.4%	-29%	19.5%
Citi	2.5	27%	-7.5%	14.0%	3.6	8.3%	-22%	10.8%	1,011	3.6%	-1.5%	16.8%
BNP Paribas	2.3	-6.0%	-29%	13.0%	3.5	33%	-11%	10.6%	894	1.4%	-25%	14.8%
Unicredit	0.5	-1.9%	-34%	2.9%	1.1	72%	9.0%	3.2%	246	11%	-7.8%	4.1%
ING	0.3	63%	-1.5%	1.4%	0.1	46%	-15%	0.2%	109	38%	33%	1.8%
RBS	0.0	-39%	-89%	0.0%	0.0	-64%	-97%	0.0%	1	-35%	-78%	0.0%
Total	17.7	12%	-20%		33.2	0.8%	-14%		6,020	-0.8%	-17%	

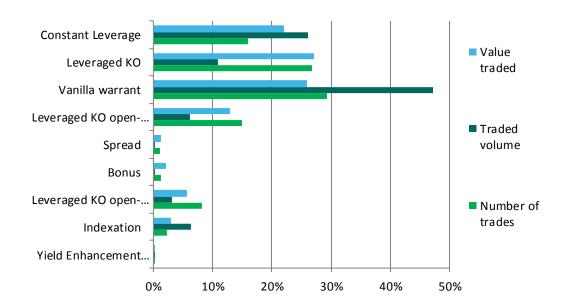


Product types

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 traded					Traded	/olume		N	lumber c	ftrades	
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	3.9	7.2%	-40%	22.1%	8.7	2.0%	-17%	26.2%	961	2.2%	-33%	16.0%
Leveraged KO	4.8	33%	11%	27.1%	3.6	4.5%	-8.7%	10.8%	1,614	-12%	-17%	26.8%
Vanilla warrant	4.6	14%	-21%	25.9%	15.7	15%	-16%	47.3%	1,767	6.9%	-14%	29.4%
Leveraged KO open-end	2.3	16%	-13%	12.9%	2.1	-0.2%	-19%	6.2%	902	8.1%	-5.0%	15.0%
Spread	0.2	-19%	-43%	1.3%	0.0	-29%	-40%	0.1%	64	-16%	-34%	1.1%
Bonus	0.4	4.8%	-20%	2.1%	0.0	3.4%	-18%	0.1%	80	9.9%	-15%	1.3%
Leveraged KO open-end BEST	1.0	7.3%	-24%	5.6%	1.1	7.1%	-23%	3.2%	490	13%	5.2%	8.1%
Indexation	0.5	-49%	-43%	3.0%	2.1	-51%	43%	6.2%	140	-36%	-46%	2.3%
Yield Enhancement & Other	0.0	-43%	-42%	0.0%	0.0	-51%	-61%	0.0%	1	-20%	-40%	0.0%
Total	17.7	12%	-21%		33.2	0.8%	-14%		6,020	-0.9%	-17%	



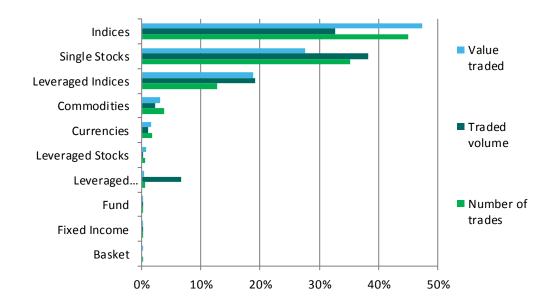
MARKET OVERVIEW

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				Traded v	/olume		١	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	8.3	12%	-8.0%	47.4%	10.8	-18%	-18%	32.7%	2,710	-11%	-20%	45.1%
Single Stocks	4.8	23%	-6.4%	27.5%	12.7	23%	-4.1%	38.2%	2,121	18%	2.2%	35.3%
Leveraged Indices	3.3	-0.2%	-45%	18.9%	6.3	6.2%	-31%	19.1%	762	-5.4%	-40%	12.7%
Commodities	0.5	5.2%	-32%	3.0%	0.8	22%	-23%	2.3%	232	5.5%	-13%	3.9%
Currencies	0.3	3.4%	-53%	1.6%	0.3	31%	-38%	1.0%	108	4.9%	-26%	1.8%
Leveraged Stocks	0.1	70%	-36%	0.7%	0.0	-52%	-40%	0.1%	35	-9.0%	-42%	0.6%
Leveraged Commodities	0.1	-13%	-61%	0.5%	2.2	-11%	81%	6.7%	34	-17%	-49%	0.6%
Fund	0.1	-2.4%	-84%	0.3%	0.0	-2.1%	-84%	0.0%	7	130%	-35%	0.1%
Fixed Income	0.0	-6.0%	-9.0%	0.1%	0.0	-42%	-9.0%	0.0%	5	-53%	-55%	0.1%
Basket	0.0	-87%	-83%	0.0%	0.0	-92%	-86%	0.0%	0	-21%	-24%	0.0%
Total	17.6	12%	-21%		33.2	0.8%	-14%		6,014	-0.9%	-17%	

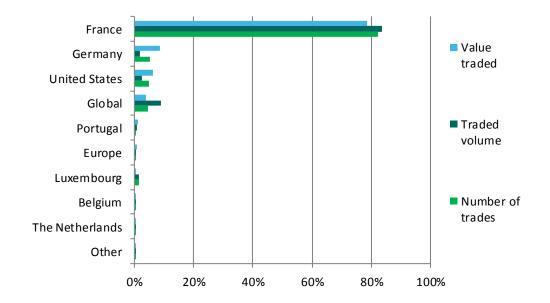


Top 10 underlying countries

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	13.8	8.7%	-22%	78.4%	27.8	0.8%	-16%	83.7%	4,960	-2.0%	-18%	82.4%
Germany	1.5	197%	22%	8.5%	0.6	11%	-28%	1.8%	318	8.4%	-16%	5.3%
United States	1.1	12%	-22%	6.1%	0.8	-14%	-42%	2.5%	284	-6.3%	-20%	4.7%
Global	0.7	6.0%	-32%	4.0%	3.0	-4.5%	33%	9.0%	278	2.1%	-20%	4.6%
Portugal	0.2	ND	149%	1.0%	0.3	ND	153%	0.8%	14	ND	164%	0.2%
Europe	0.1	-81%	-72%	0.7%	0.0	-14%	-71%	0.1%	22	34%	-20%	0.4%
Luxembourg	0.1	29%	18%	0.6%	0.5	18%	32%	1.5%	84	49%	57%	1.4%
Belgium	0.0	30%	0.7%	0.3%	0.1	6.0%	18%	0.2%	15	-18%	-5.3%	0.3%
The Netherlands	0.0	-47%	-58%	0.1%	0.0	-23%	-45%	0.1%	12	-7.8%	-47%	0.2%
Other	0.1	-11%	-63%	0.3%	0.1	-34%	-56%	0.3%	30	-14%	-40%	0.5%
Total	17.7	12%	-21%		33.2	0.8%	-14%		6,018	-0.9%	-17%	

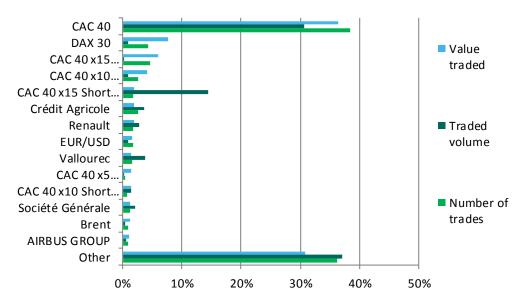


Top 15 underlyings

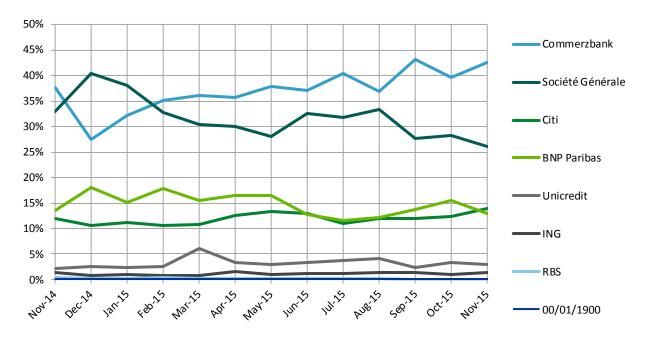
The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Paris.

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	6.4	4.7%	-14%	36.4%	10.2	-18%	-15%	30.7%	2,313	-12%	-19%	38.4%
DAX 30	1.4	265%	49%	7.7%	0.3	8.2%	-54%	0.9%	254	9.2%	-19%	4.2%
CAC 40 x15 Leveraged Index	1.1	45%	-48%	6.0%	0.1	12%	-96%	0.3%	277	22%	-52%	4.6%
CAC 40 x10 Leveraged Index	0.7	13%	-44%	4.1%	0.3	-20%	26%	0.9%	157	2.4%	-15%	2.6%
CAC 40 x15 Short Index	0.4	-11%	-35%	2.0%	4.8	62%	34%	14.4%	109	-27%	-41%	1.8%
Crédit Agricole	0.3	208%	37%	1.9%	1.2	244%	71%	3.6%	160	141%	51%	2.7%
Renault	0.3	40%	27%	1.9%	0.9	49%	74%	2.7%	107	-0.7%	11%	1.8%
EUR/USD	0.3	2.8%	-52%	1.6%	0.3	27%	-41%	0.9%	104	6.8%	-23%	1.7%
Vallourec	0.2	7.5%	44%	1.4%	1.3	-0.9%	50%	3.8%	95	-18%	24%	1.6%
CAC 40 x5 Leveraged Index	0.2	-17%	-46%	1.4%	0.1	-37%	-43%	0.2%	29	-8.2%	-41%	0.5%
CAC 40 x10 Short Index	0.2	11%	-29%	1.4%	0.5	-52%	-67%	1.4%	47	-21%	-35%	0.8%
Société Générale	0.2	49%	-30%	1.3%	0.7	41%	-39%	2.1%	74	55%	-35%	1.2%
Brent	0.2	45%	-38%	1.2%	0.1	18%	-58%	0.4%	54	-9.2%	-46%	0.9%
AIRBUS GROUP	0.2	11%	-6.4%	1.1%	0.2	-33%	-43%	0.7%	59	-19%	-27%	1.0%
Other	5.4	-4.6%	-25%	30.8%	12.3	-0.2%	-8.8%	37.2%	2,181	8.3%	-6.9%	36.2%
Total	17.7	12%	-21%		33.2	0.8%	-14%		6,020	-0.9%	-17%	

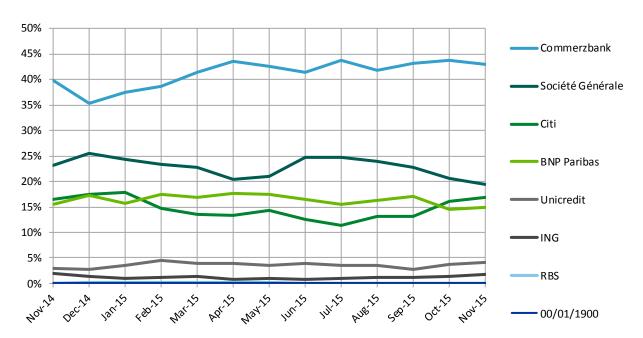


The historical graph below displays the weight of the traded value of each issuer over the total traded value on Euronext Paris.

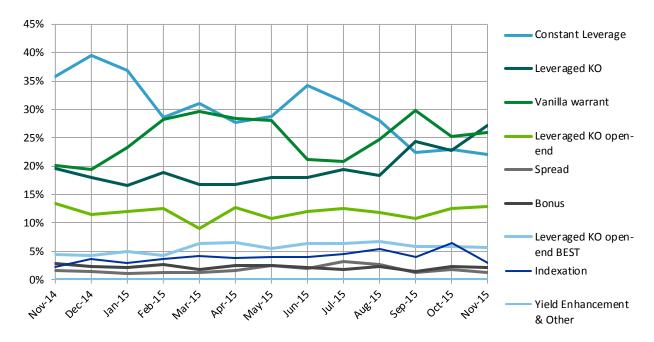


Number of transactions

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

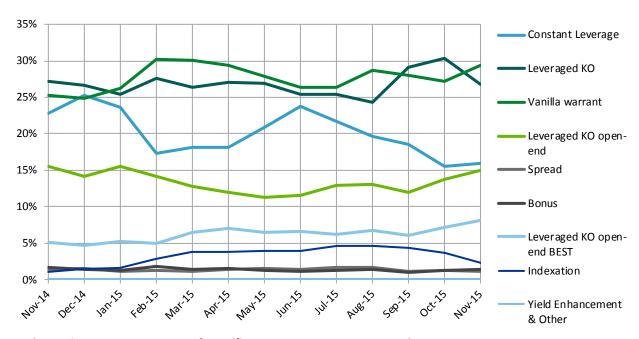


The historical graph below displays the weight of the traded value of each product type over the total traded value on Euronext Paris.

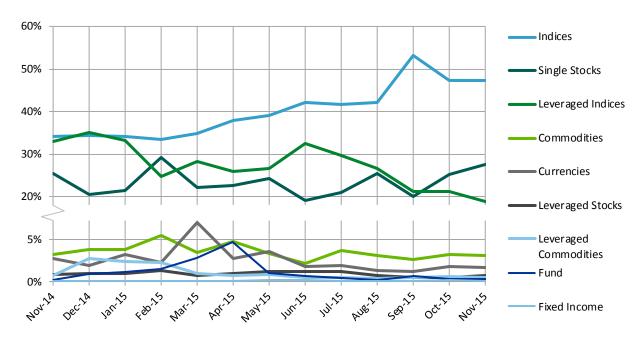


Number of transactions

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

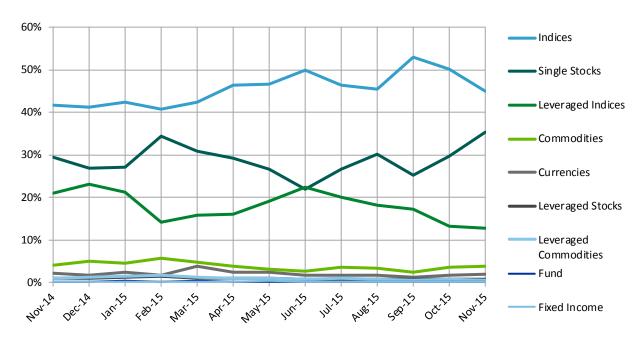


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on Euronext Paris.



Number of transactions

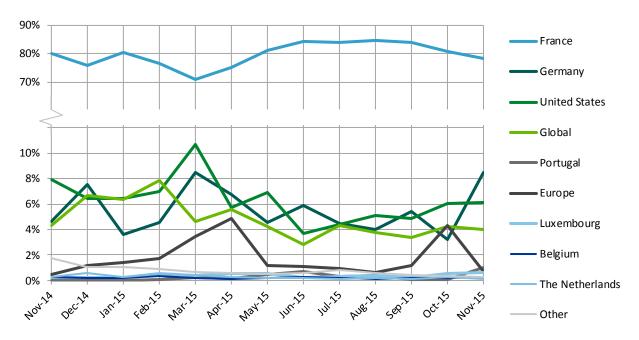
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Paris.



MARKET TREND: UNDERLYING COUNTRIES

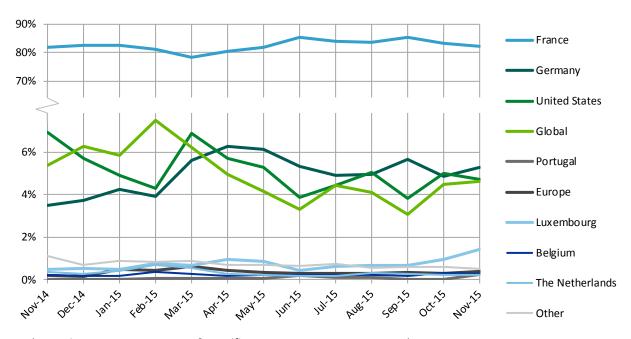
Value traded

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.

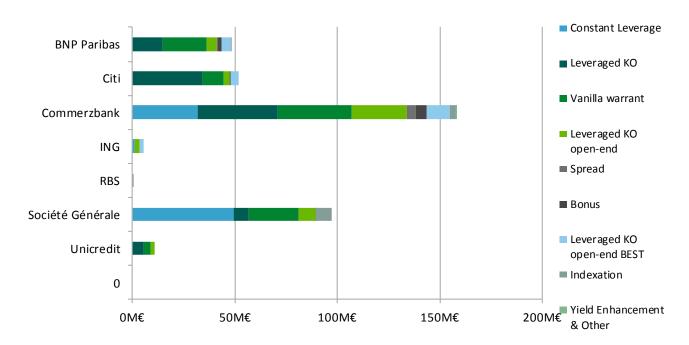


Number of transactions

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.

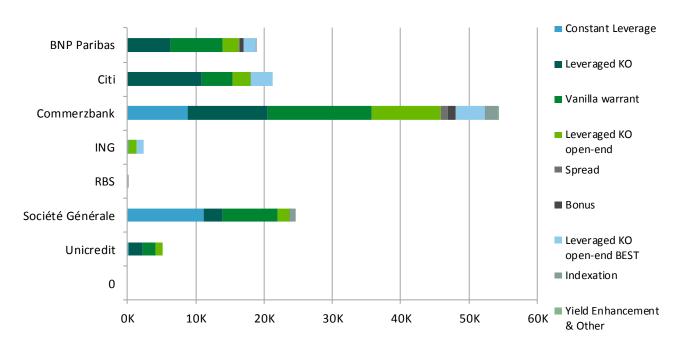


The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Paris.



Number of transactions

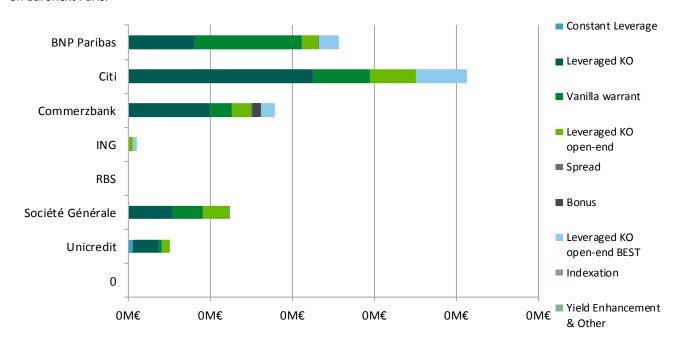
The chart below displays the number of trades per product type for each issuer active on Euronext Paris.



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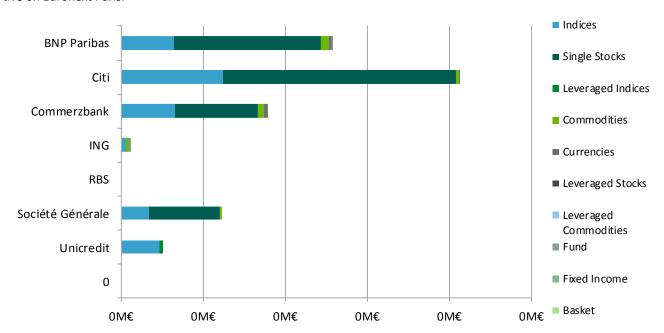
Product types

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

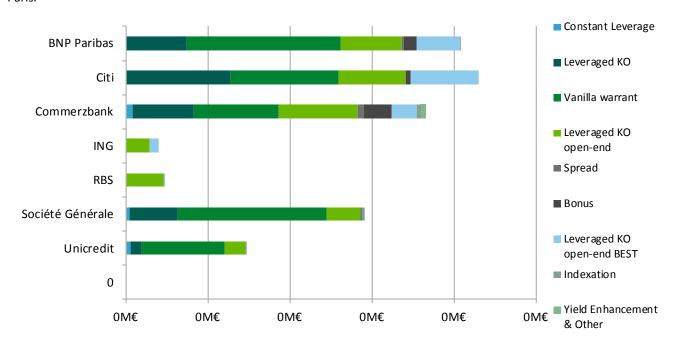
The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Paris.



ISSUER ACTIVITY: PRODUCT RANGE

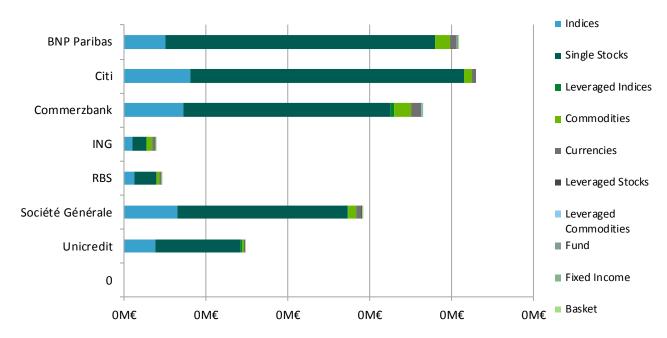
Product types

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
Syllibol					traues	(in K€)
LR15Z	FR0012928109	Constant Leverage	Commerzbank	CACF LEVOPENZ	4,096	14,074
6998S	FR0011214527	Constant Leverage	Société Générale	CAC10 PI OPENS	2,677	12,981
C15LS	FR0012937415	Constant Leverage	Société Générale	C15LV PI OPENS	1,728	8,200
4398Z	DE000CN4Y954	Leveraged KO	Commerzbank	DAX 8700TL 1215Z	14	6,792
4397Z	DE000CN4Y947	Leveraged KO	Commerzbank	DAX 8500TL 0316Z	13	6,790
SX15Z	FR0013006657	Constant Leverage	Commerzbank	CACF SHTOPENZ	1,786	4,636
CS15S	FR0012901015	Constant Leverage	Société Générale	CA15S PLOPENS	1,318	4,531
CS16S	FR0012496495	Constant Leverage	Société Générale	CA10S PLOPENS	907	4,320
7731S	FR0010961078	Constant Leverage	Société Générale	CAC5L PLOPENS	509	4,154
0766C	DE000CX0CE70	Leveraged KO	Citi	CAC40 3950TL 0316C	35	4,018
Z044B	NL0011469226	Vanilla warrant	BNP Paribas	CAC40 5000C 0116B	253	3,293
3U33Z	DE000CK9PVS0	Constant Leverage	Commerzbank	L5DJI PI OPENZ	28	3,279
21245	FR0010511535	Pure indexation	Société Générale	BRENT PI OPENS	328	2,959
5C81Z	DE000CN4ZP51	Leveraged KO	Commerzbank	DAX 9700TL 1215Z	12	2,835
CS18S	FR0012496529	Constant Leverage	Société Générale	.CA15 PI OPENS	970	2,827
I10GS	FR0011630474	Pure indexation	Société Générale	.SGIX PI OPENS	269	2,281
LV10Z	DE000CZ28ZC2	Constant Leverage	Commerzbank	LV10Z FACOPENZ	565	2,155
3F98Z	DE000CN4X8Q1	Leveraged KO open-end	Commerzbank	PSI20 4860TCIOPENZ	178	2,119
5260S	LU1251345135	Vanilla warrant	Société Générale	CAC40 4900P 0116S	92	1,962
3H86Z	DE000CN4XCL7	Vanilla warrant	Commerzbank	CAC40 4900C 1215Z	229	1,897
4191Z	DE000CN4Y491	Vanilla warrant	Commerzbank	CAC40 4900C 0116Z	168	1,885
5S30Z	DE000CN503T5	Leveraged KO	Commerzbank	DAX 10000TL 0316Z	8	1,827
1375S	LU1248568922	Leveraged KO open-end	Société Générale	CAC40 4223TL OPENS	112	1,764
ST12Z	DE000CN1ECC2	Constant Leverage	Commerzbank	CACF SHTOPENZ	403	1,736
3H87Z	DE000CN4XCM5	Vanilla warrant	Commerzbank	CAC40 4700C 1215Z	35	1,712
3033Z	DE000CN1J3V3	Vanilla warrant	Commerzbank	CAC40 4900P 1215Z	257	1,702
2158Z	DE000CZ8VR20	Constant Leverage	Commerzbank	EUUSD PI OPENZ	82	1,694
CL12S	FR0011488303	Constant Leverage	Société Générale	CA12L PLOPENS	501	1,611
6030C	DE000CX0GMV6	Leveraged KO	Citi	CAC40 5700TS 0316C	24	1,417
7729S	FR0010961052	Constant Leverage	Société Générale	CAC3L PI OPENS	81	1,377
9315C	DE000CX0LKS6	Leveraged KO	Citi	CAC40 4360TL 0316C	8	1,301
J006B	FR0013017829	Leveraged KO	BNP Paribas	CAC40 5300TPS0316B	100	1,295
6999C	DE000CW3CEA1	Leveraged KO	Citi	CAC40 3950TL 1215C	5	1,256
0773C	DE000CX0CED0	Leveraged KO	Citi	CAC40 4250TL 0316C	4	1,245
6940S	FR0011119395	Constant Leverage	Société Générale	CAC7L PI OPENS	194	1,179
5Y86Z	DE000CR7L4S8	Leveraged KO open-end	Commerzbank	NASDQ 5191TPIOPENZ	56	1,170
4193Z	DE000CN4Y4B1	Vanilla warrant	Commerzbank	CAC40 5300C 0116Z	196	1,151
2778Z	DE000CN1GTP3	Vanilla warrant	Commerzbank	CAC40 5200P 1215Z	30	1,147
7261C	DE000CX0GU43	Leveraged KO	Citi	RENAU 94TS 0316C	88	1,122
8195S	LU1248568096	Leveraged KO	Société Générale	CAC40 5360TS 1215S	142	1,087
SGQ5S	FR0012143824	Constant Leverage	Société Générale	CAC5S PLOPENS	129	1,052
3030Z	DE000CN1J3U5	Vanilla warrant	Commerzbank	CAC40 4700P 1215Z	231	1,032
3S17Z	DE000CR5U1X5	Leveraged KO open-end BEST	Commerzbank	CAC40 4118TL OPENZ	6	908
0635\$	LU1251388374	Leveraged KO open-end	Société Générale	CAC40 4635TL OPENS	95	895
5F16Z	DE000CN4ZQB3	Spread	Commerzbank	CAC40 4500SWT1215Z	163	877
6995S	FR0011214501	Constant Leverage	Société Générale	CAC5L PI OPENS	67	861
4F90Z	DE000CN4YY93	Vanilla warrant	Commerzbank	VALOU 9C 0316Z	103	838
X650B	FR0012998748	Leveraged KO	BNP Paribas	CAC40 4300TPL0316B	61	836
	DE000CN4ZP44	Leveraged KO	Commerzbank	DAX 9750TL 0316Z	11	832
5C80Z						



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