



warrants and certificates

# Activity report

Issue 76  
November 2017

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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 30/11/2017)	20,066	916	1,814	41,311	<b>64,106</b>
New Products	4,070	156	310	9,227	<b>13,763</b>
New Products YTD	35,784	1,131	3,803	97,832	<b>138,550</b>
Value Traded (in €m)	477.0	7.0	106.7	269.9	<b>860.6</b>
Value Traded YTD (in €m)	4,857.4	77.3	1,003.2	3,032.0	<b>8,969.9</b>
Value Traded ADV (in €m)	21.7	0.3	4.9	12.3	<b>39.1</b>
Value Traded YTD ADV (in €m)	20.6	0.3	4.3	12.8	<b>38.0</b>
Number of Trades	132,562	4,146	12,143	93,898	<b>242,749</b>
Number of Trades YTD	1,422,819	32,214	122,577	965,305	<b>2,542,915</b>
Number of Trades ADV	6,026	188	552	4,268	<b>11,034</b>
Number of Trades YTD ADV	6,029	137	519	4,090	<b>10,775</b>

(Source Euronext)

A large splash of water droplets and bubbles is shown against a black background. In the bottom left corner, there is a bar chart with several vertical bars of varying heights and colors, ranging from light blue to green.

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# Euronext Markets

# ISSUERS

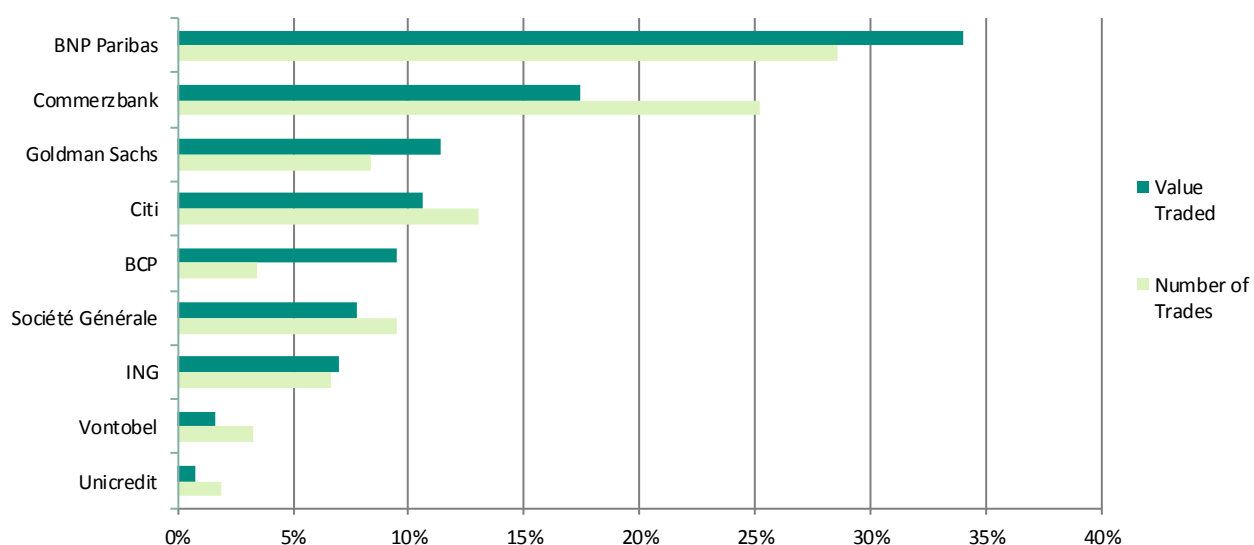
## Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per issuer, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	13,307	13.6%	-2.6%	34.0%	3,152	17.8%	-12.5%	28.6%
Commerzbank	6,821	25%	1.6%	17.4%	2,784	18.9%	12.9%	25.2%
Goldman Sachs	4,456	-7.4%	2.4%	11.4%	927	5.9%	-2.9%	8.4%
Citi	4,137	37%	32%	10.6%	1,441	22.3%	10.6%	13.1%
BCP	3,715	-26%	9.0%	9.5%	375	-26.8%	4.1%	3.4%
Société Générale	3,018	0.9%	-11.9%	7.7%	1,048	13.9%	5.1%	9.5%
ING	2,732	-1.5%	1.0%	7.0%	731	26.5%	-3.7%	6.6%
Vontobel	622	90%	242%	1.6%	364	134.1%	259.6%	3.3%
Unicredit	311	11.5%	-10.8%	0.8%	211	10.2%	21.8%	1.9%
<b>Total</b>	<b>39,120</b>	<b>7.4%</b>	<b>3.1%</b>	<b>100%</b>	<b>11,034</b>	<b>17.0%</b>	<b>2.9%</b>	<b>100%</b>

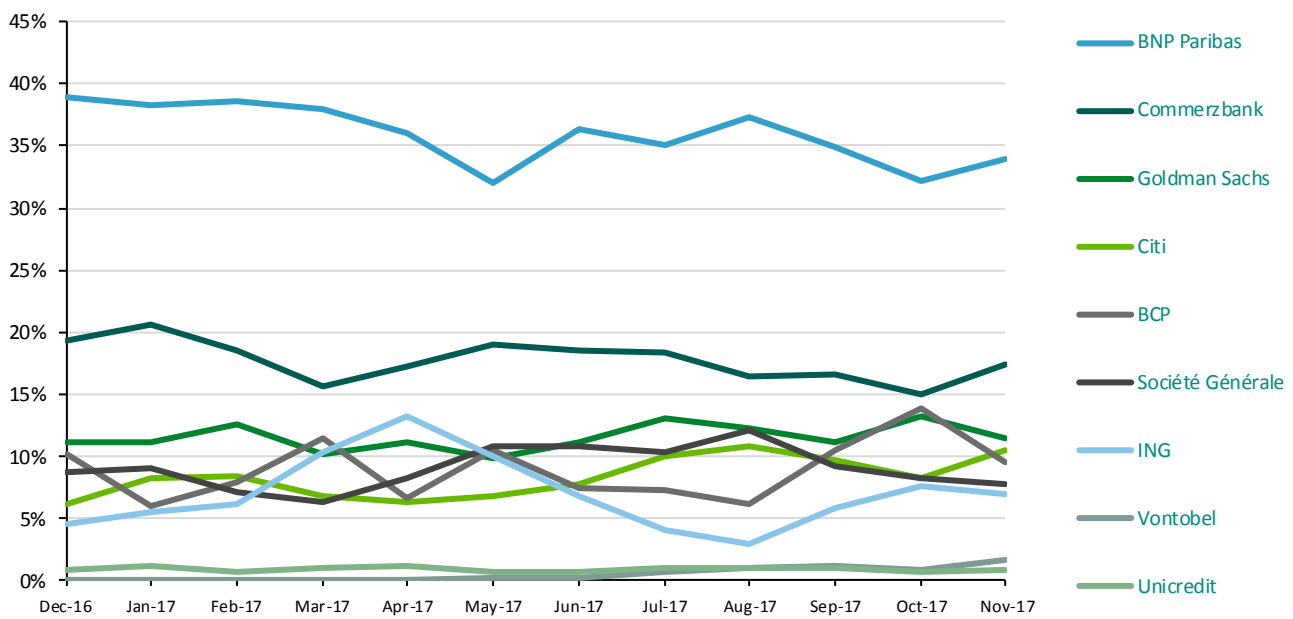
(Source Euronext)



# ISSUERS

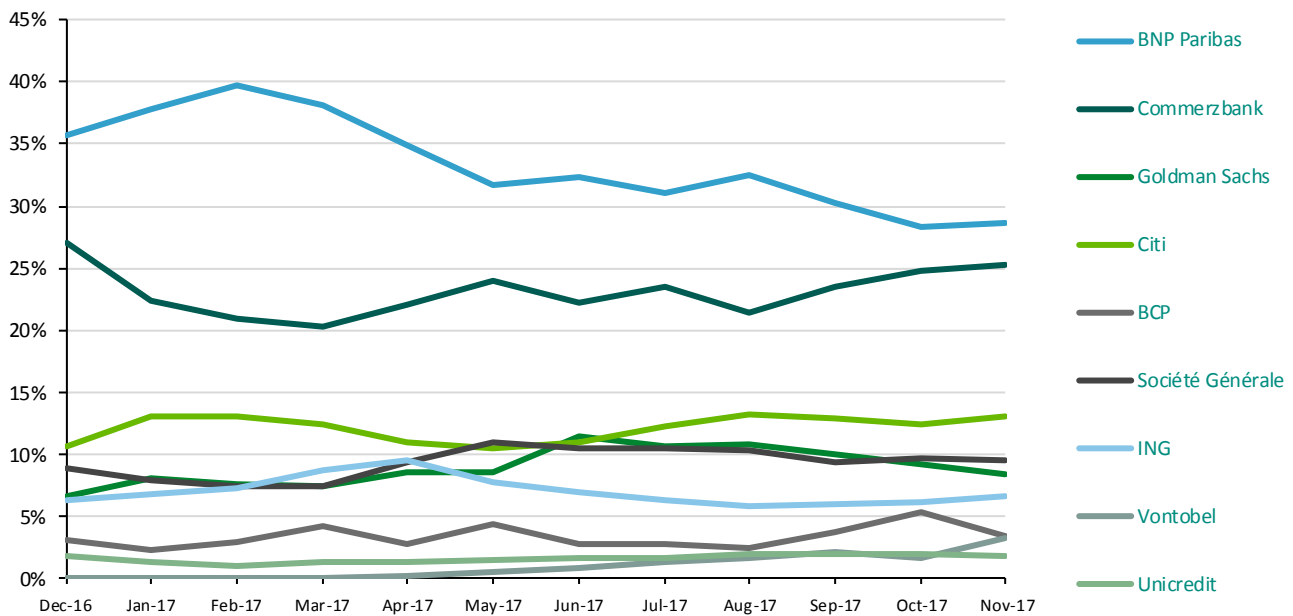
## Market Trend: Value traded

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



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each issuer over the total number of trades across all Euronext markets.



# ISSUERS

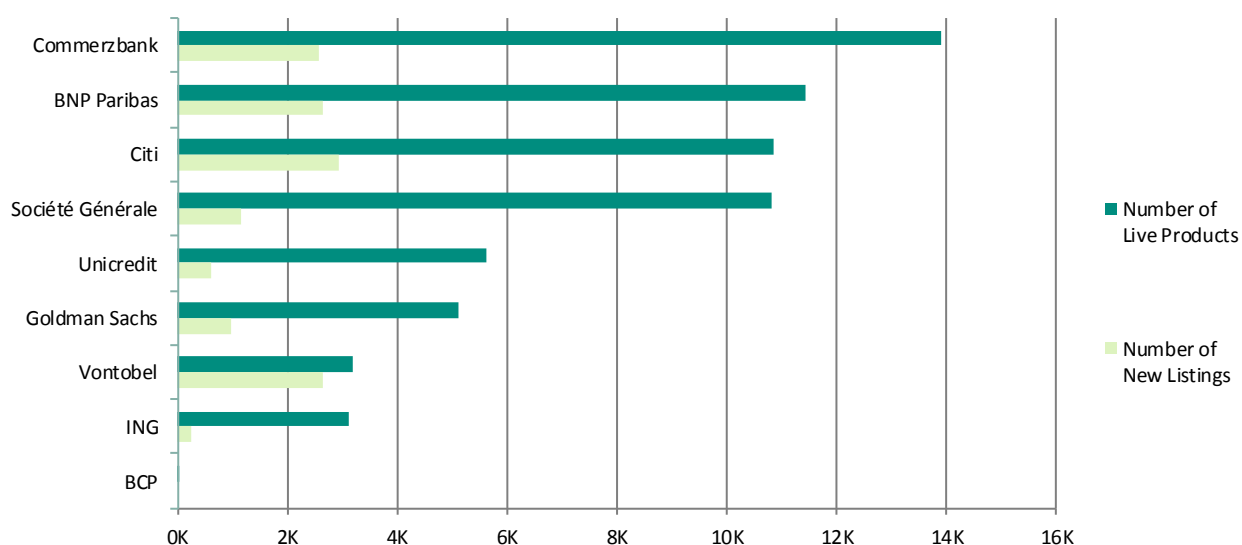
## Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of all Euronext markets.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	13,927	6.9%	11.3%	21.7%	2,576	40%	18.5%	18.7%
BNP Paribas	11,443	11.5%	20%	17.9%	2,638	25%	3.1%	19.2%
Citi	10,859	10.7%	21%	16.9%	2,936	12.6%	4.2%	21.3%
Société Générale	10,840	10.0%	3.5%	16.9%	1,168	-54%	-41%	8.5%
Unicredit	5,617	7.1%	23%	8.8%	616	-56%	-45%	4.5%
Goldman Sachs	5,110	-9.5%	5.2%	8.0%	963	7.1%	-6.4%	7.0%
Vontobel	3,187	65%	116%	5.0%	2,634	966%	296%	19.1%
ING	3,101	2.1%	6.6%	4.8%	231	-7.2%	3.9%	1.7%
BCP	23	-0.2%	2.2%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>64,106</b>	<b>9.0%</b>	<b>15.9%</b>	<b>100%</b>	<b>13,763</b>	<b>15.5%</b>	<b>9.4%</b>	<b>100%</b>

(Source Euronext)

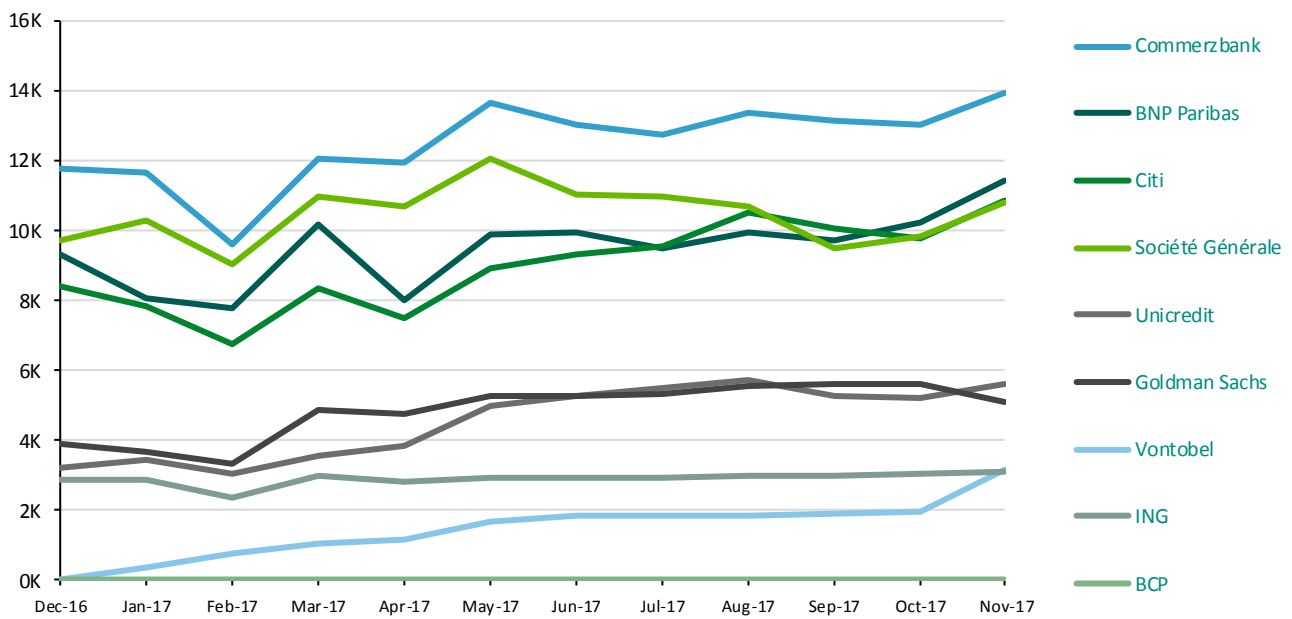




# ISSUERS

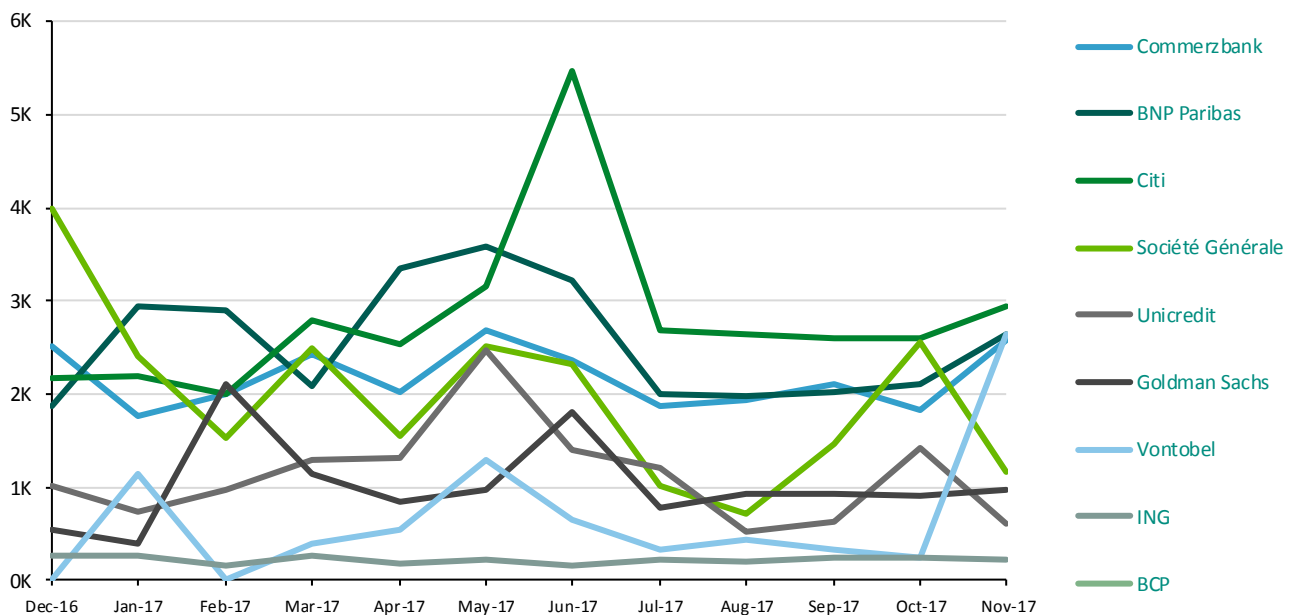
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer across all Euronext markets.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer across all Euronext markets.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

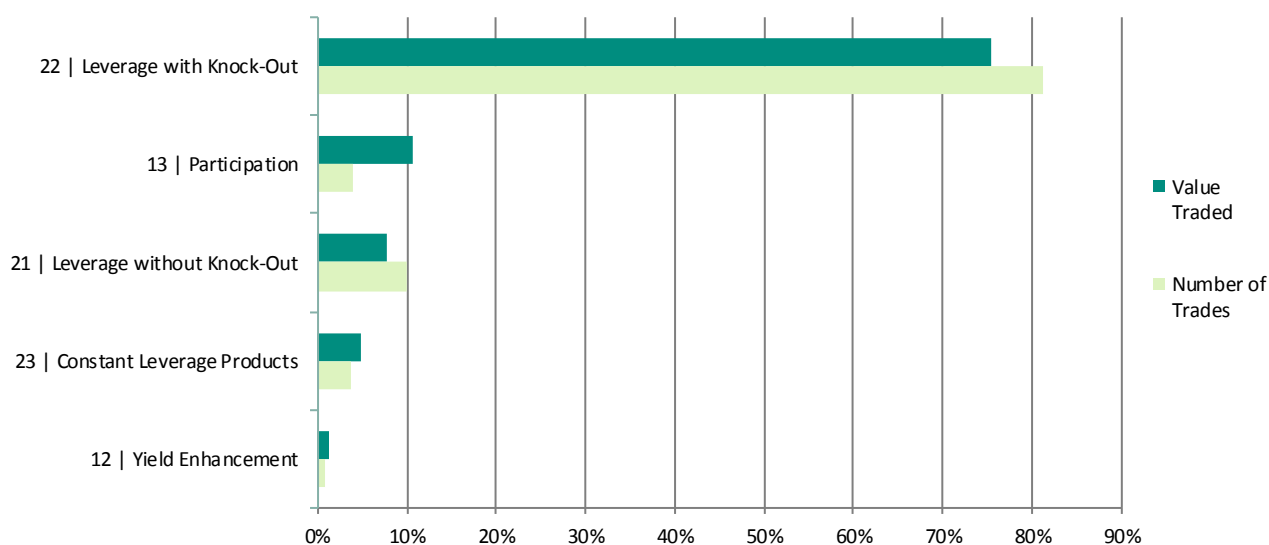
## Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per product type (EUSIPA<sup>1</sup> categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of all Euronext markets.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	29,481	12.1%	12.1%	75.4%	8,978	20%	5.6%	81.4%
13   Participation	4,183	-23%	8.6%	10.7%	427	-23%	0.2%	3.9%
21   Leverage without Knock-Out	3,046	8.5%	-40%	7.8%	1,114	11.1%	-10.2%	10.1%
23   Constant Leverage Products	1,932	28%	-8.8%	4.9%	424	31%	-9.6%	3.8%
12   Yield Enhancement	475	19.5%	-11.7%	1.2%	92	11.9%	14.4%	0.8%
<b>Total</b>	<b>39,120</b>	<b>7.4%</b>	<b>3.1%</b>	<b>100%</b>	<b>11,034</b>	<b>17.0%</b>	<b>2.9%</b>	<b>100%</b>

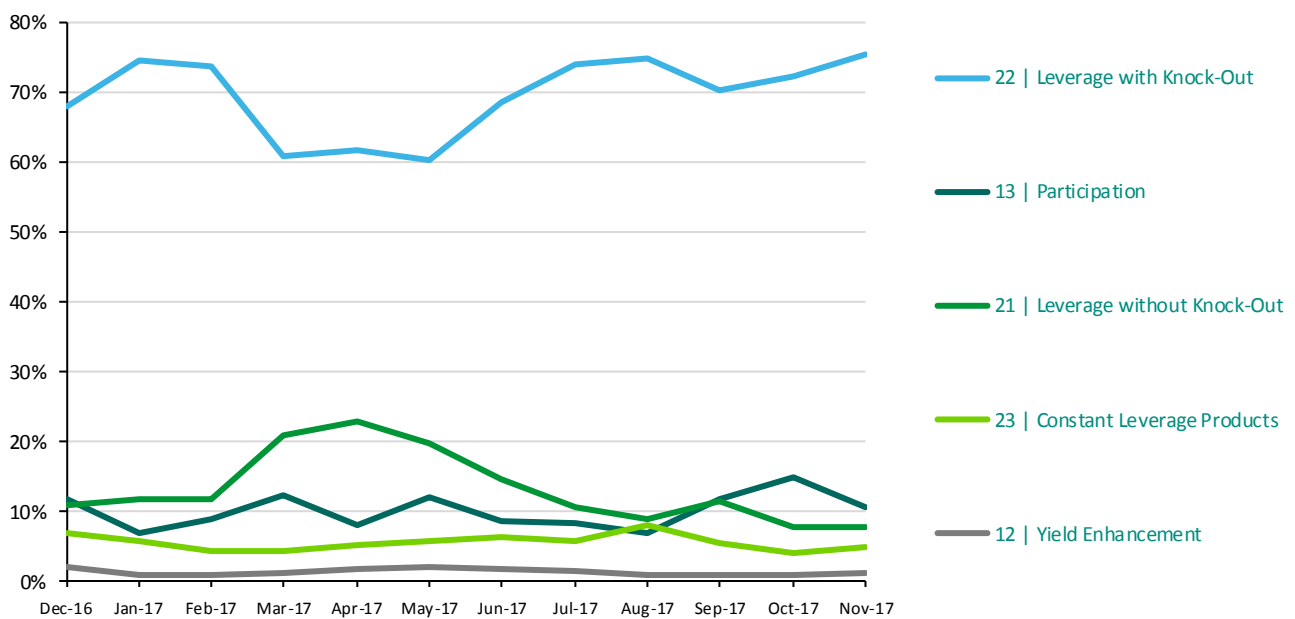
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

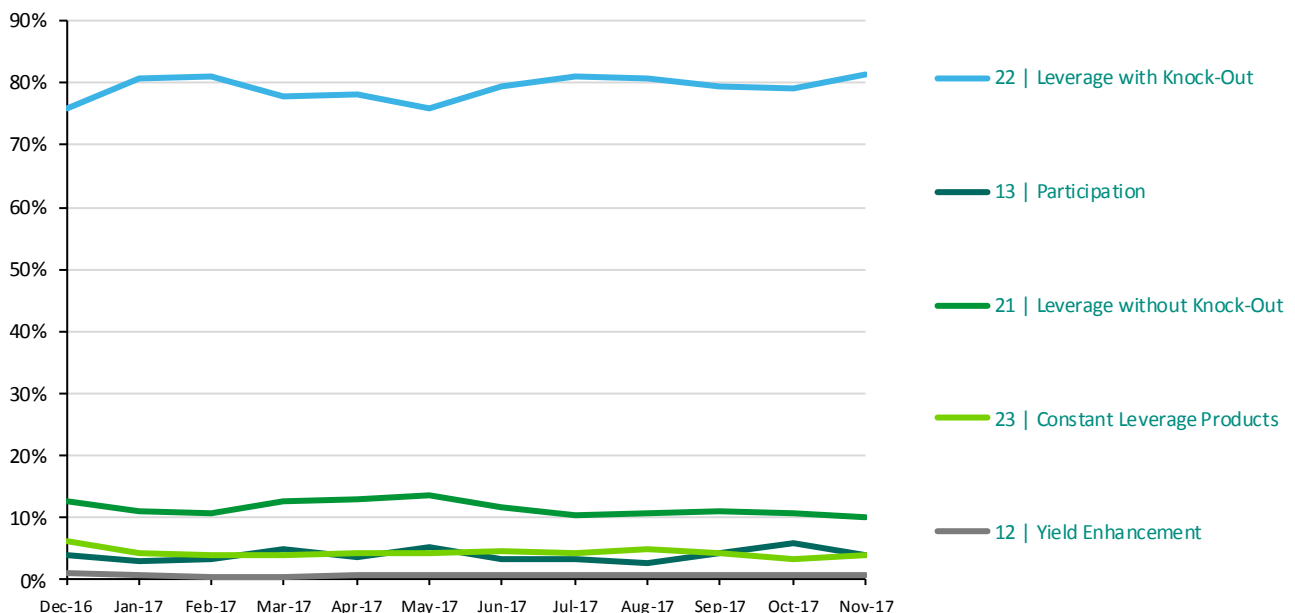
## Market Trend: Value traded

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



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each product type across all Euronext markets.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

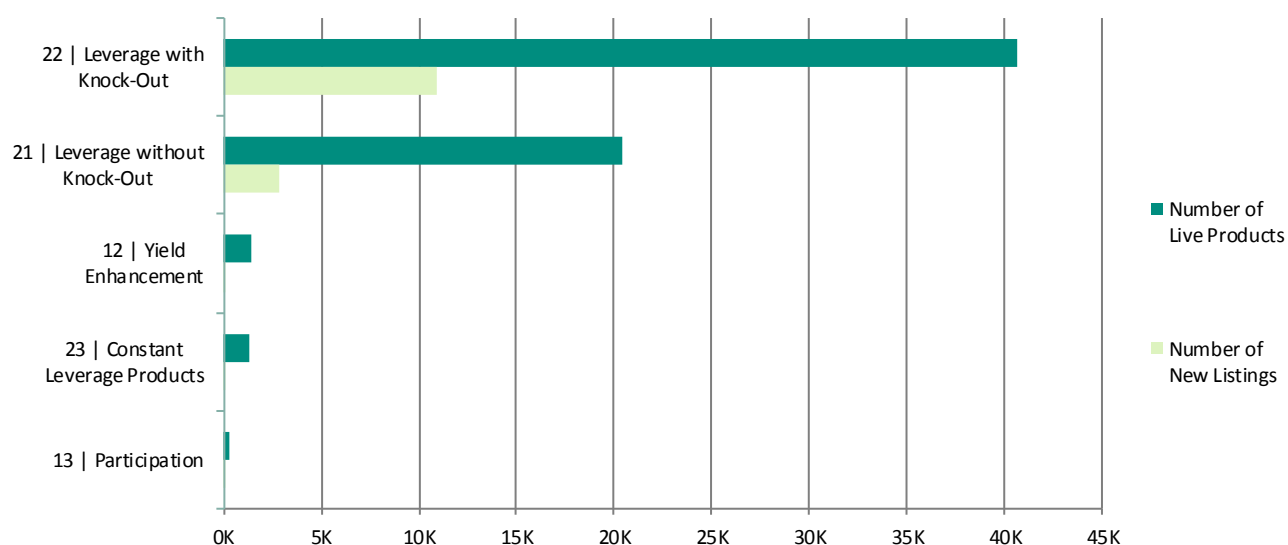
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	40,669	6.6%	15.3%	63.4%	10,868	28%	23%	79.0%
21   Leverage without Knock-Out	20,412	15.5%	18.9%	31.8%	2,824	-11.8%	-18.9%	20.5%
12   Yield Enhancement	1,403	0.5%	11.6%	2.2%	41	-82%	-76%	0.3%
23   Constant Leverage Products	1,320	0.0%	3.5%	2.1%	26		-74%	0.2%
13   Participation	298	-4.7%	-16.6%	0.5%	1		-89%	0.0%
<b>Total</b>	<b>64,106</b>	<b>9.0%</b>	<b>15.9%</b>	<b>100%</b>	<b>13,763</b>	<b>15.5%</b>	<b>9.4%</b>	<b>100%</b>

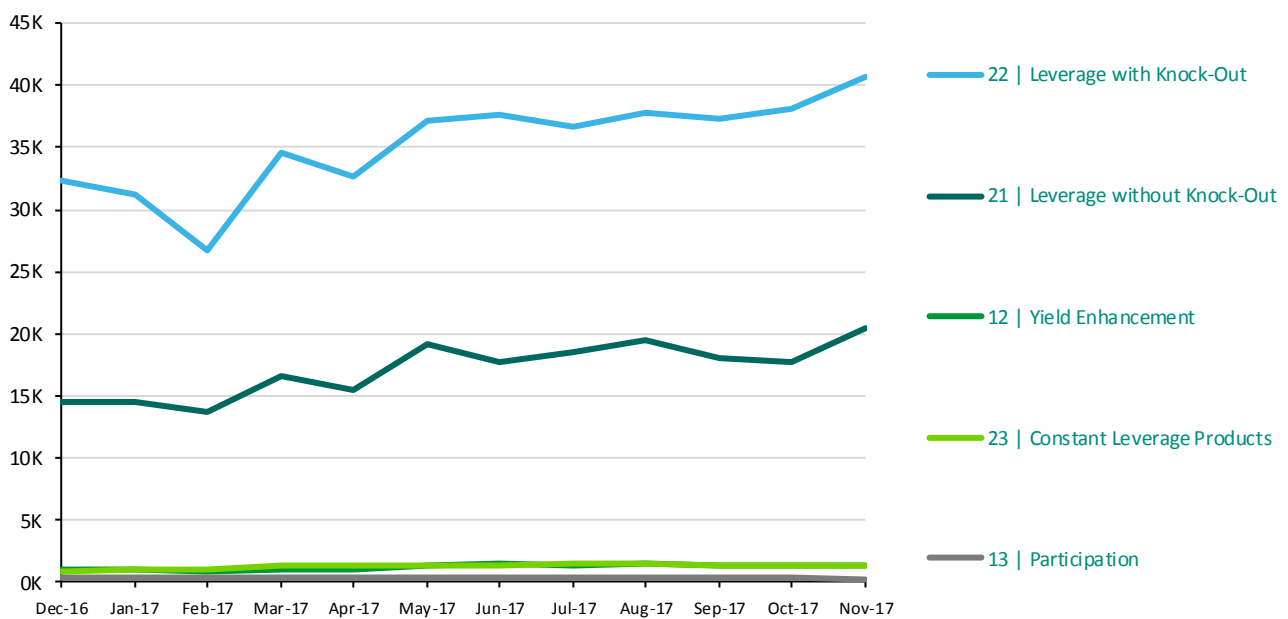
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

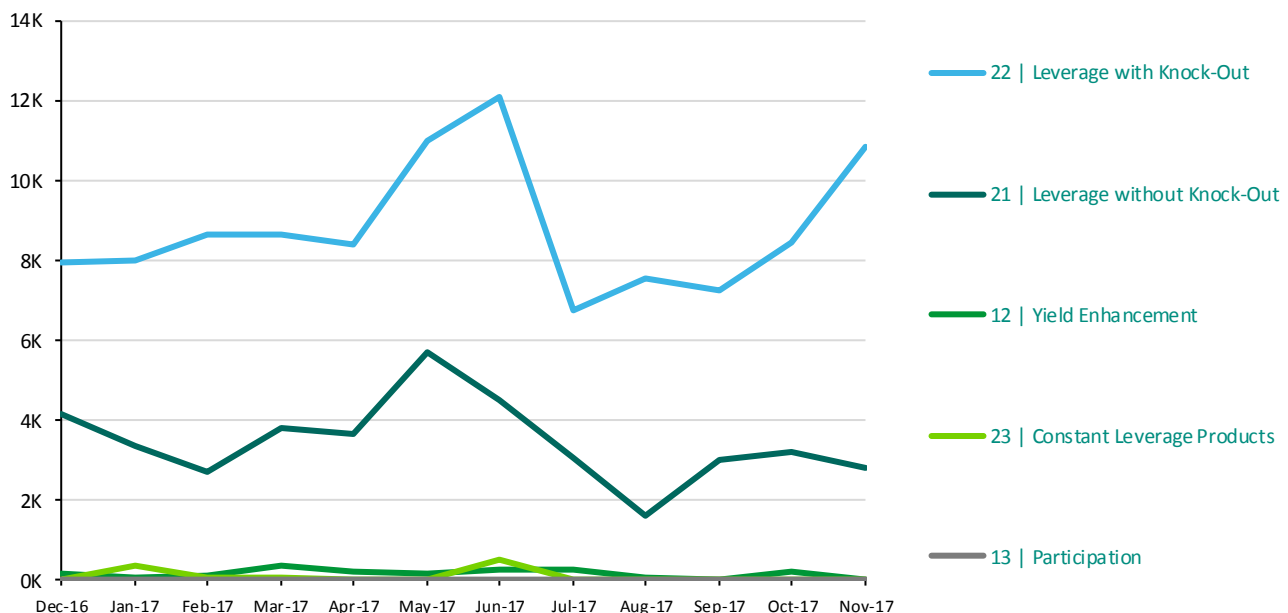
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type across all Euronext markets.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type across all Euronext markets.





# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

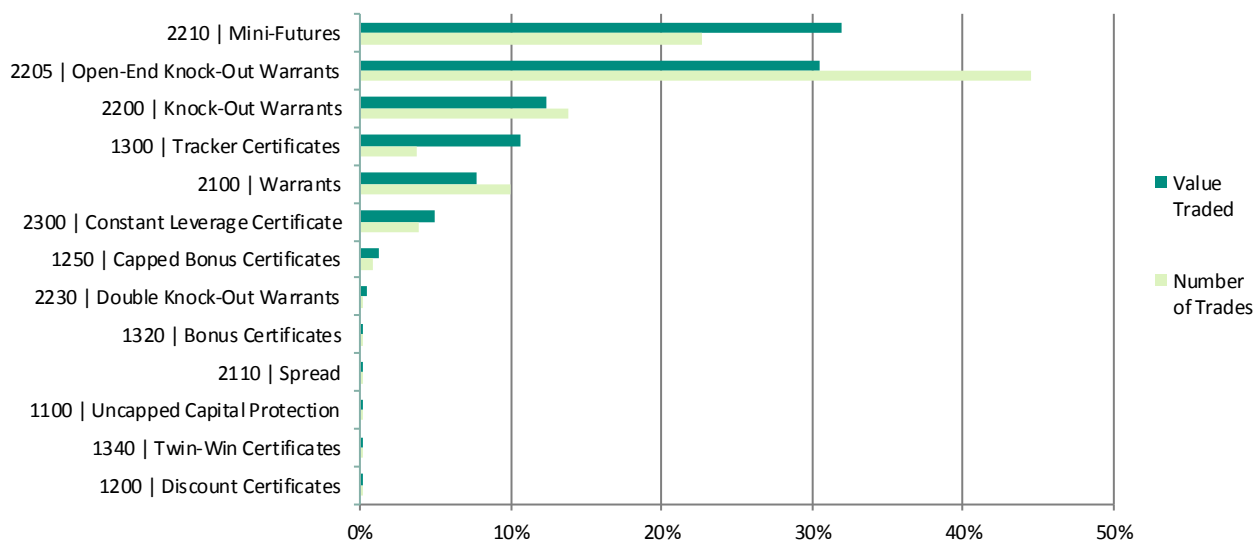
## Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of all Euronext markets.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2210   Mini-Futures	12,494	18.4%	19.4%	31.9%	2,510	14.5%	8.4%	22.7%
2205   Open-End Knock-Out Warrants	11,939	4.1%	1.3%	30.5%	4,919	22%	4.1%	44.6%
2200   Knock-Out Warrants	4,862	16.5%	24%	12.4%	1,533	24%	6.4%	13.9%
1300   Tracker Certificates	4,156	-23%	8.5%	10.6%	419	-24%	-0.5%	3.8%
2100   Warrants	3,023	8.2%	-41%	7.7%	1,104	10.6%	-10.1%	10.0%
2300   Constant Leverage Certificate	1,932	28%	-8.8%	4.9%	424	31%	-9.6%	3.8%
1250   Capped Bonus Certificates	474	19.5%	-11.4%	1.2%	92	12.0%	14.8%	0.8%
2230   Double Knock-Out Warrants	186	67%	25%	0.5%	16	0.3%	-24%	0.1%
1320   Bonus Certificates	25	247%	31%	0.1%	7.1	391%	51%	0.1%
2110   Spread	23	75%	-17.3%	0.1%	9.5	159%	-19.3%	0.1%
1100   Uncapped Capital Protection	2		NA	0.0%	0.0		NA	0.0%
1340   Twin-Win Certificates	1		300%	0.0%	0.4		357%	0.0%
1200   Discount Certificates	1	24%	-56%	0.0%	0.4	-10.0%	-35%	0.0%
<b>Total</b>	<b>39,120</b>	<b>7.4%</b>	<b>3.1%</b>	<b>100%</b>	<b>11,034</b>	<b>17.0%</b>	<b>2.9%</b>	<b>100%</b>

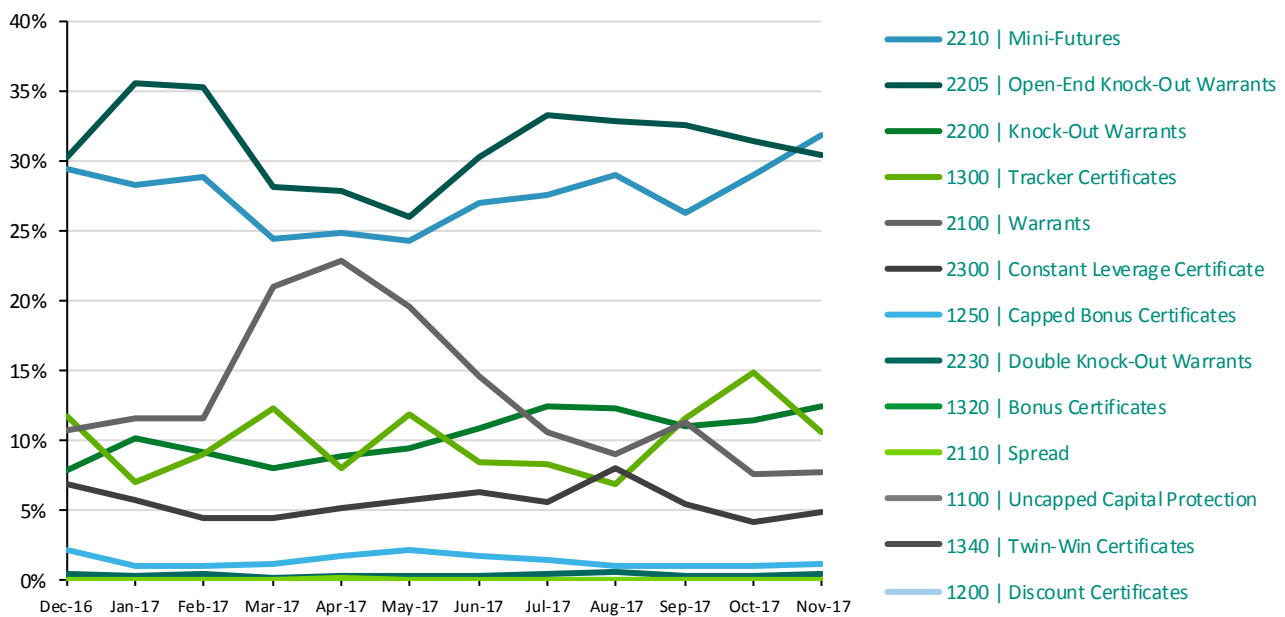
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

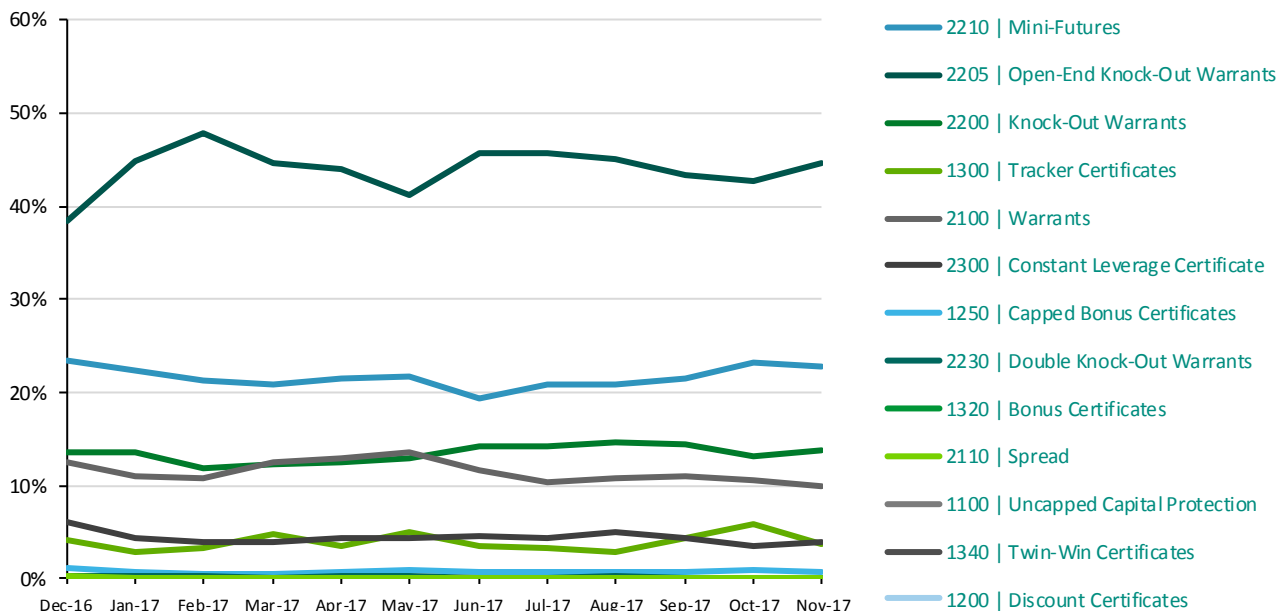
## Market Trend: Value traded

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



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each product type over the total number of trades across all Euronext markets.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

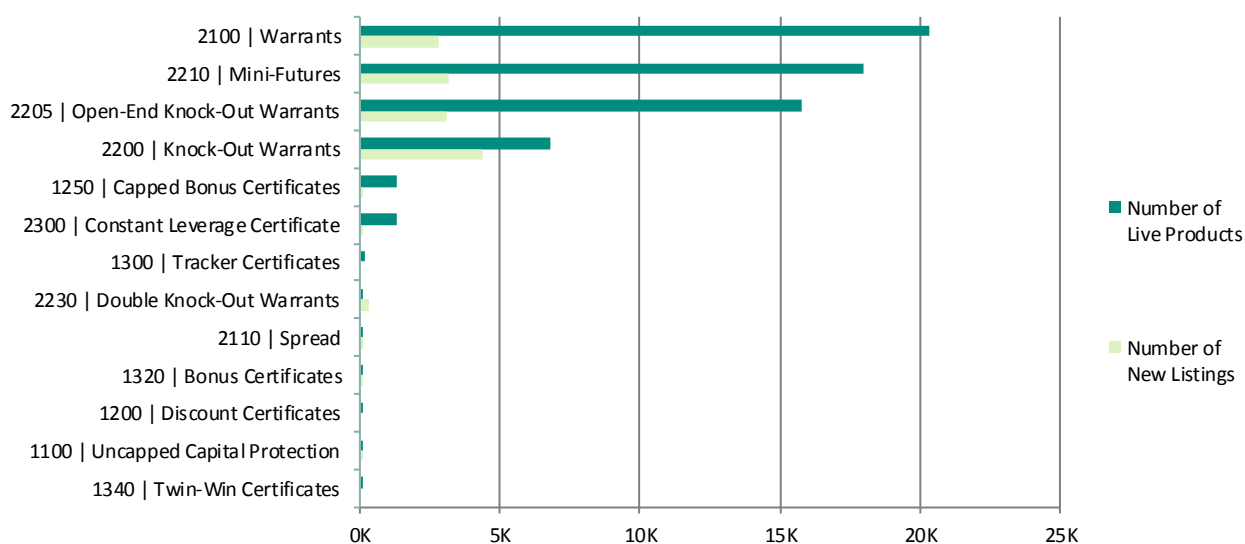
## Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of all Euronext markets.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	20,310	15.7%	19.1%	31.7%	2,823	-11.5%	-18.3%	20.5%
2210   Mini-Futures	17,967	5.1%	14.3%	28.0%	3,164	25%	19.2%	23.0%
2205   Open-End Knock-Out Warrants	15,795	-0.1%	16.2%	24.6%	3,058	1.2%	5.9%	22.2%
2200   Knock-Out Warrants	6,779	31%	15.3%	10.6%	4,366	51%	35%	31.7%
1250   Capped Bonus Certificates	1,342	0.5%	15.2%	2.1%	41	-82%	-74%	0.3%
2300   Constant Leverage Certificate	1,320	0.0%	3.5%	2.1%	26		-74%	0.2%
1300   Tracker Certificates	204	-3.4%	-24%	0.3%	0		-100%	0.0%
2230   Double Knock-Out Warrants	128	86%	89%	0.2%	280	618%	486%	2.0%
2110   Spread	101	-3.8%	-6.7%	0.2%	1	-91%	-96%	0.0%
1320   Bonus Certificates	90	-7.5%	4.4%	0.1%	1		-83%	0.0%
1200   Discount Certificates	61	-1.4%	-34%	0.1%	0		-100%	0.0%
1100   Uncapped Capital Protection	6	74%	639%	0.0%	3	50%	414%	0.0%
1340   Twin-Win Certificates	4	-4.5%	10.6%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>64,106</b>	<b>9.0%</b>	<b>15.9%</b>	<b>100%</b>	<b>13,763</b>	<b>15.5%</b>	<b>9.4%</b>	<b>100%</b>

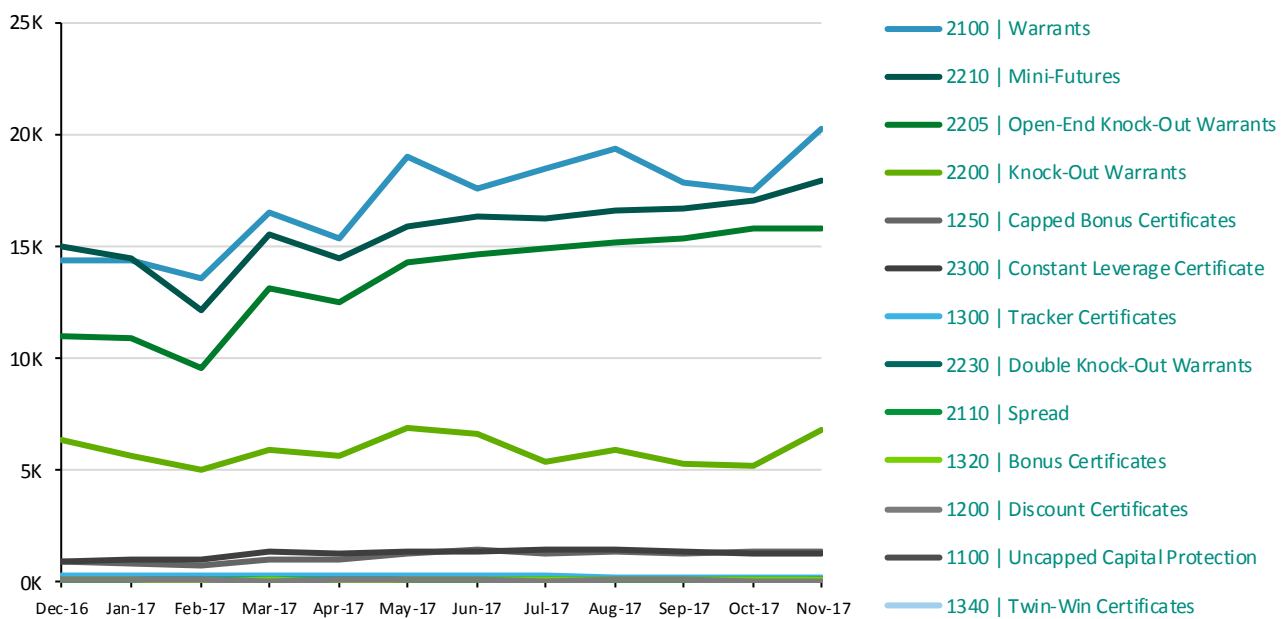
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

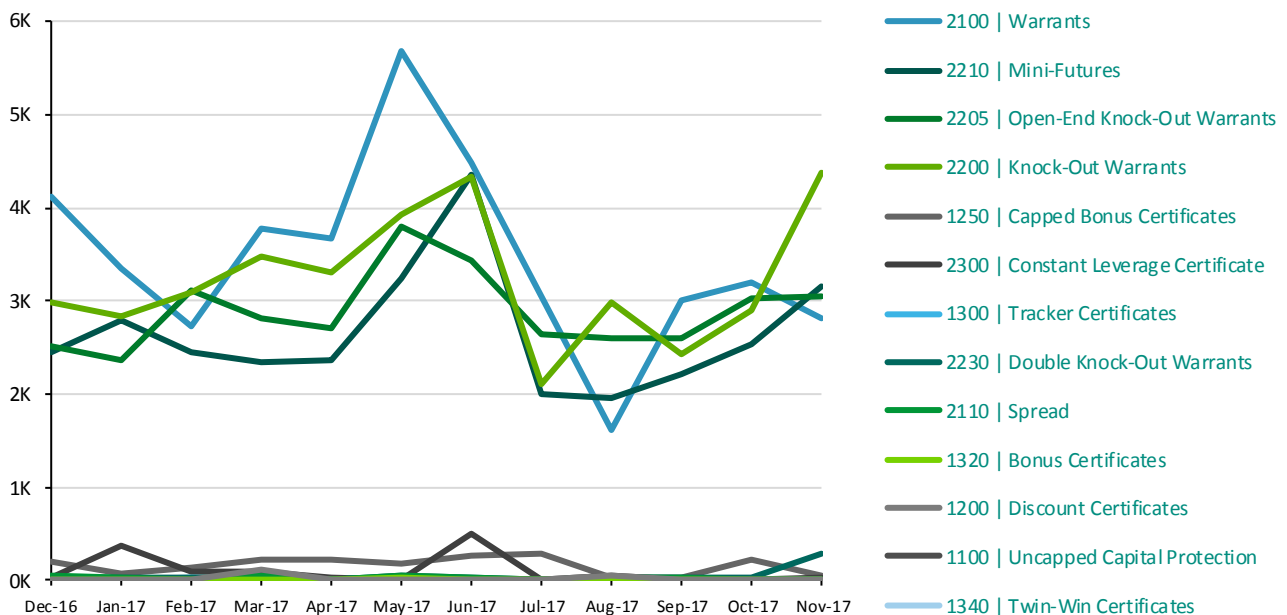
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type across all Euronext markets.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type across all Euronext markets.



# PRODUCT STRATEGIES

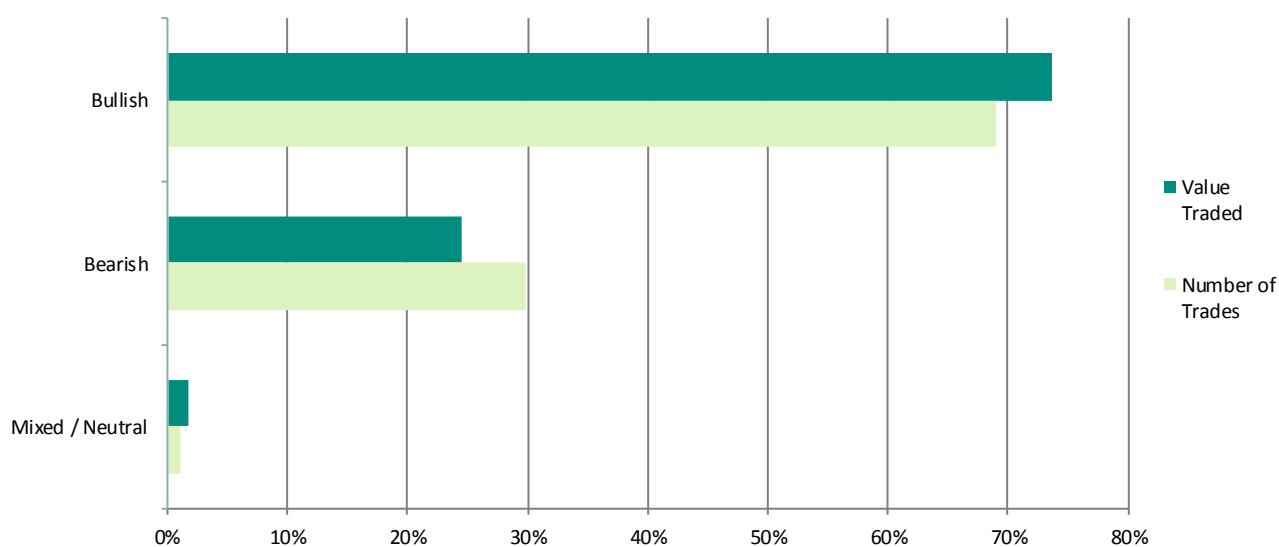
## Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	28,826	3.2%	8.5%	73.7%	7,615	21%	11.1%	69.0%
Bearish	9,589	21%	-9.4%	24.5%	3,298	9.4%	-11.8%	29.9%
Mixed / Neutral	705	29%	-9.0%	1.8%	121	12.7%	-0.4%	1.1%
Total	39,120	7.4%	3.1%	100%	11,034	17.0%	2.9%	100%

(Source Euronext)

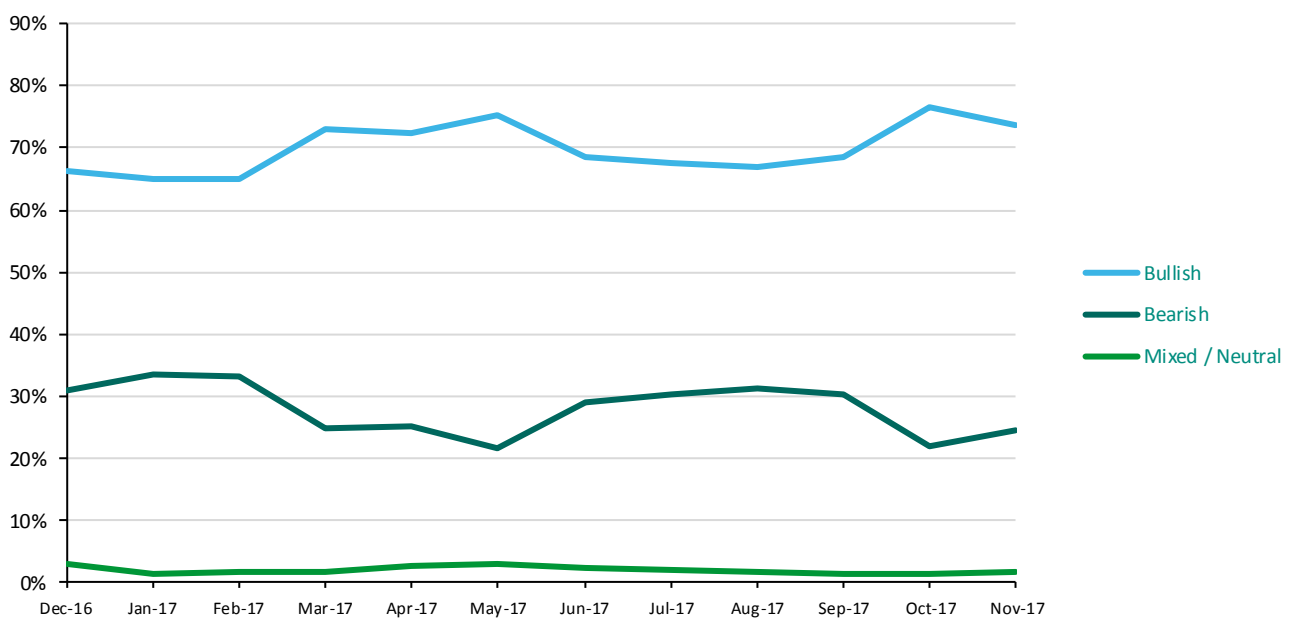




# PRODUCT STRATEGIES

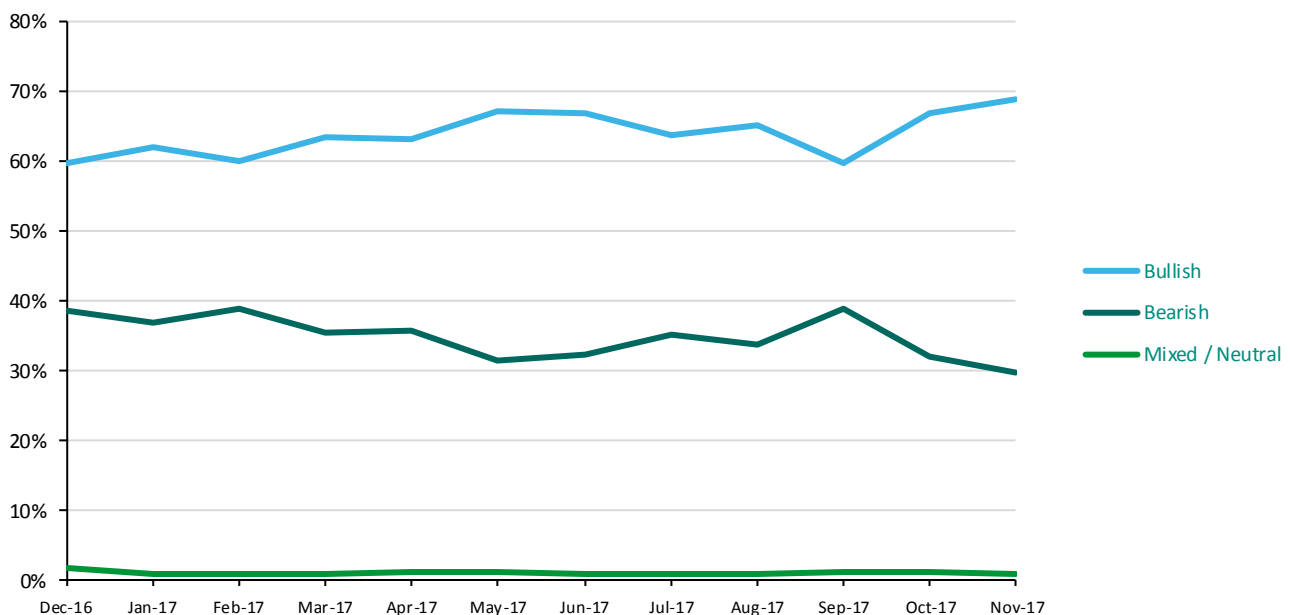
## Market Trend: Value traded

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



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each product type over the total number of trades across all Euronext markets.



# PRODUCT STRATEGIES

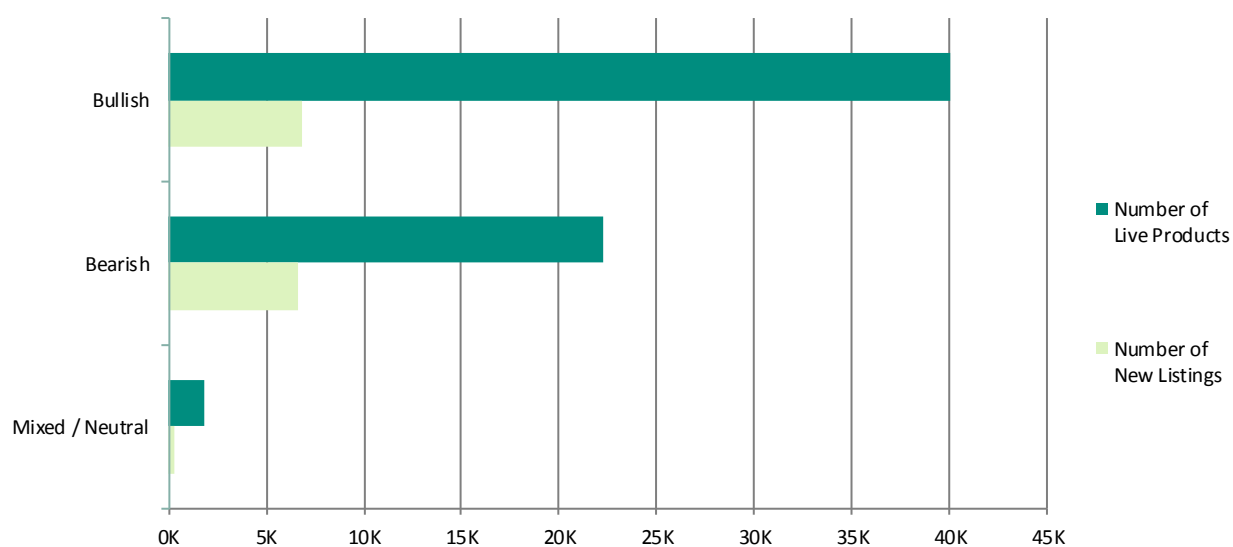
## Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of all Euronext markets.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	40,011	7.0%	16.5%	62.4%	6,819	10.5%	4.1%	49.5%
Bearish	22,247	13.2%	15.3%	34.7%	6,622	21%	14.5%	48.1%
Mixed / Neutral	1,848	3.6%	11.0%	2.9%	322	15.8%	31%	2.3%
<b>Total</b>	<b>64,106</b>	<b>9.0%</b>	<b>15.9%</b>	<b>100%</b>	<b>13,763</b>	<b>15.5%</b>	<b>9.4%</b>	<b>100%</b>

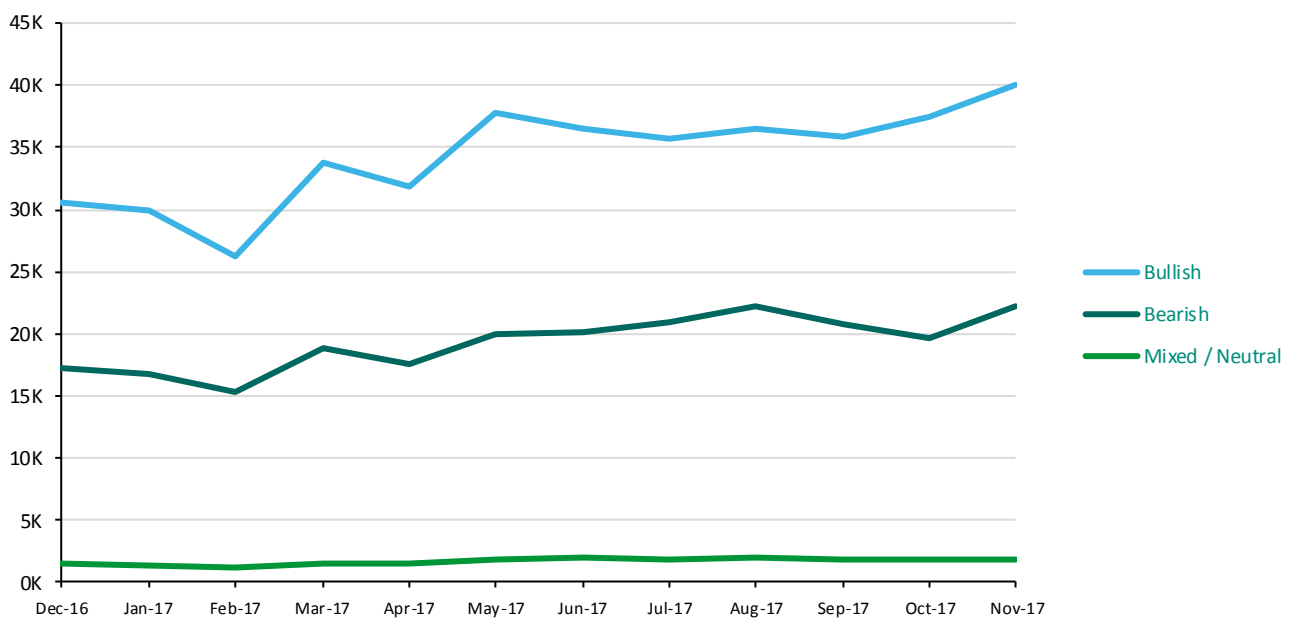
(Source Euronext)



# PRODUCT STRATEGIES

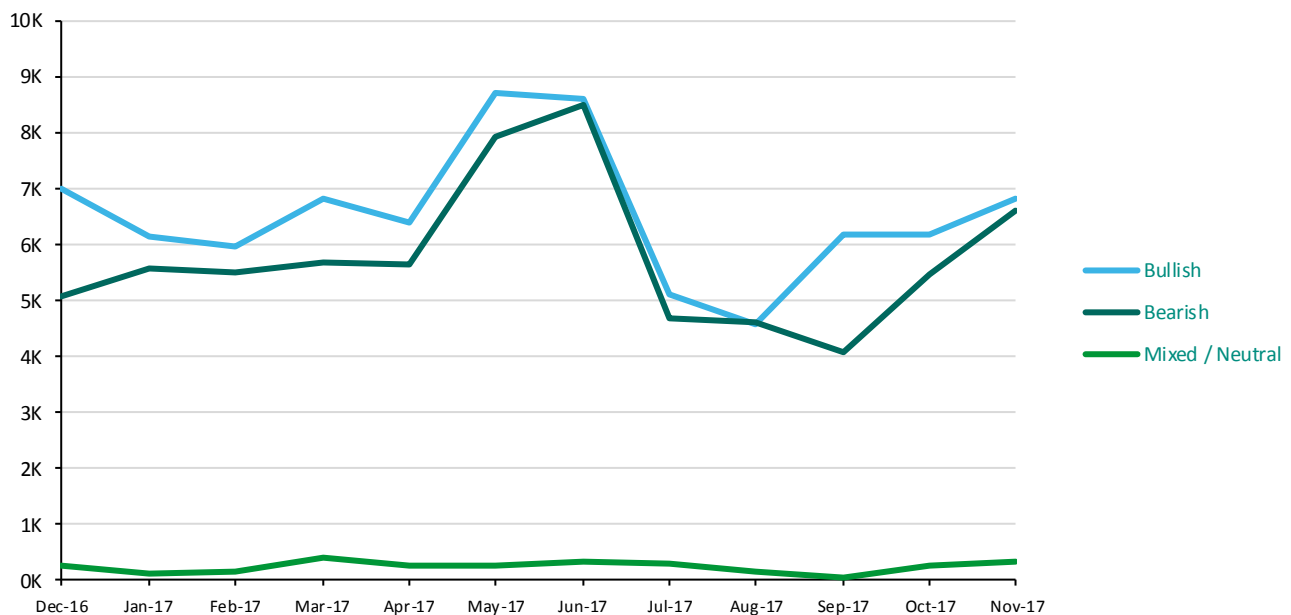
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type across all Euronext markets.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type across all Euronext markets.



# UNDERLYING TYPES

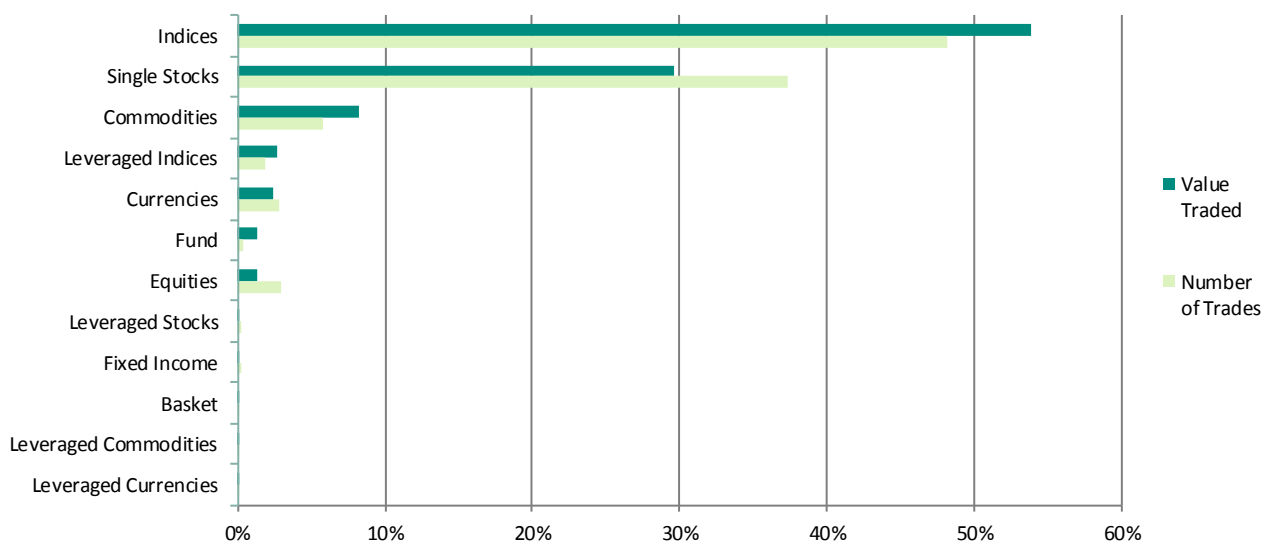
## Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	21,099	11.5%	5.0%	53.9%	5,326	28%	-1.7%	48.3%
Single Stocks	11,579	-3.0%	12.7%	29.6%	4,124	6.4%	14.4%	37.4%
Commodities	3,198	11.5%	6.7%	8.2%	646	-11.4%	-28%	5.9%
Leveraged Indices	1,069	32%	-9.0%	2.7%	201	37%	-13.0%	1.8%
Currencies	950	-0.7%	-7.0%	2.4%	304	3.8%	-4.6%	2.8%
Fund	524	-18.7%	-74%	1.3%	34	-63%	-71%	0.3%
Equities	507	568%	391%	1.3%	326	733%	430%	3.0%
Leveraged Stocks	65	81%	31%	0.2%	22	53%	40%	0.2%
Fixed Income	59	-53%	-52%	0.1%	30	-20%	-17.4%	0.3%
Basket	39	39%	8.3%	0.1%	3.1	-12.7%	12.7%	0.0%
Leveraged Commodities	29	5.1%	-15.1%	0.1%	17	-20%	-18.6%	0.2%
Leveraged Currencies	2	72%	-9.1%	0.0%	1.1	14.3%	67%	0.0%
<b>Total</b>	<b>39,120</b>	<b>7.4%</b>	<b>3.1%</b>	<b>100%</b>	<b>11,034</b>	<b>17.0%</b>	<b>2.9%</b>	<b>100%</b>

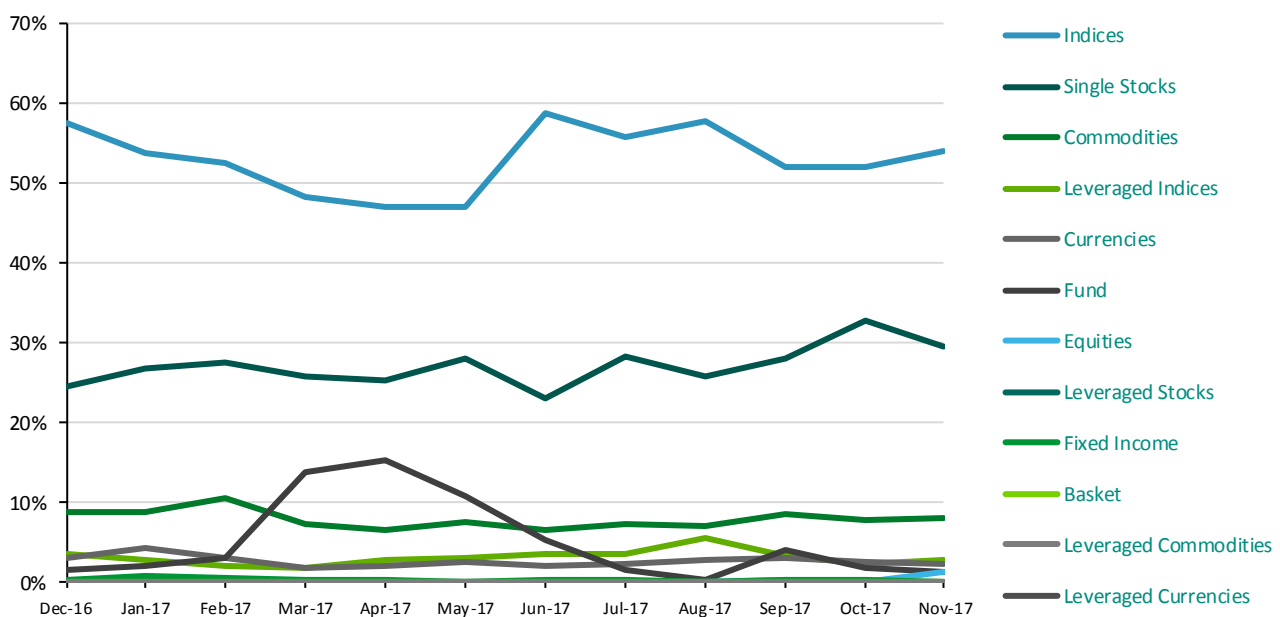
(Source Euronext)



# UNDERLYING TYPES

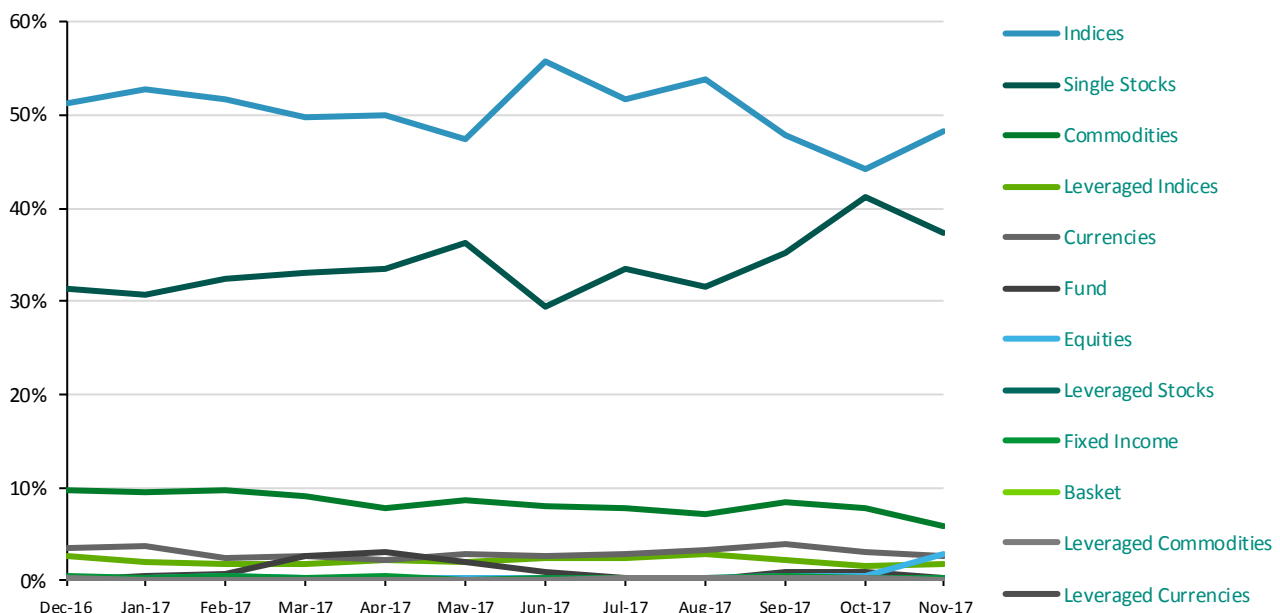
## Market Trend: Value traded

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



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each underlying type over the total number of trades across all Euronext markets.





# UNDERLYING TYPES

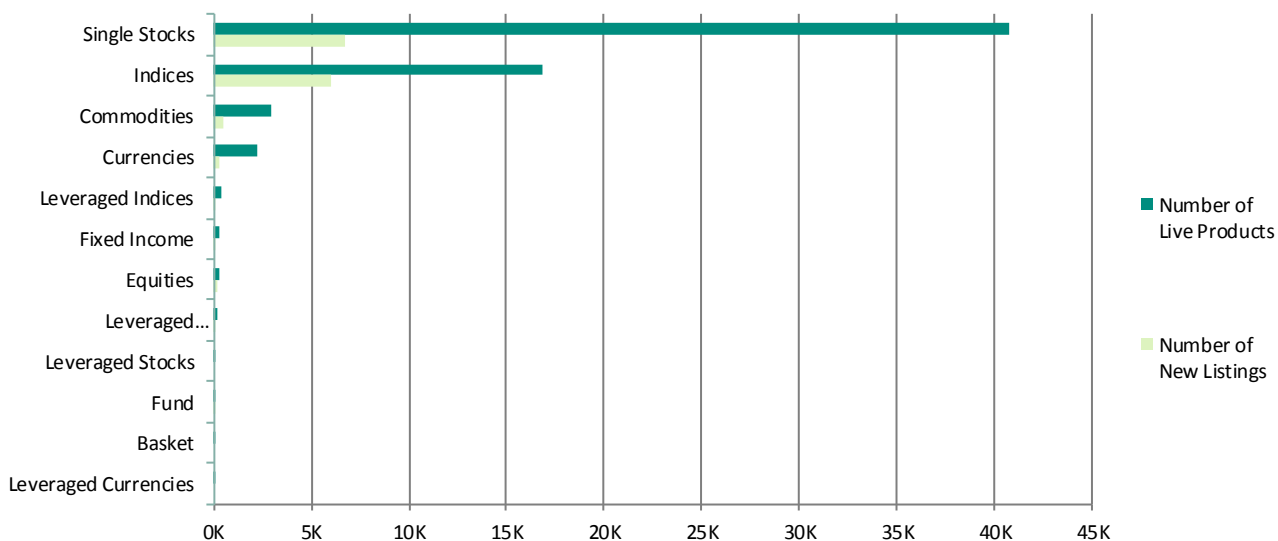
## Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of all Euronext markets.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	40,744	9.7%	17.3%	63.6%	6,714	-3.0%	-7.3%	48.8%
Indices	16,873	11.1%	15.8%	26.3%	6,020	39%	45%	43.7%
Commodities	2,898	3.5%	2.9%	4.5%	534	69%	0.4%	3.9%
Currencies	2,260	-6.1%	11.7%	3.5%	240	-12.4%	-49%	1.7%
Leveraged Indices	383	-1.0%	-6.0%	0.6%	16		-3.5%	0.1%
Fixed Income	315	-0.5%	26%	0.5%	11	83%	-66%	0.1%
Equities	257	6.4%	26%	0.4%	213	261%	262%	1.5%
Leveraged Commodities	134	2.1%	20.0%	0.2%	10		-29%	0.1%
Leveraged Stocks	118	-1.2%	17.9%	0.2%	0		-100%	0.0%
Fund	88	3.8%	30%	0.1%	5	0.0%	11.1%	0.0%
Basket	19	0.0%	1.3%	0.0%	0			0.0%
Leveraged Currencies	13	0.0%	-4.6%	0.0%	0			0.0%
<b>Total</b>	<b>64,106</b>	<b>9.0%</b>	<b>15.9%</b>	<b>100%</b>	<b>13,763</b>	<b>15.5%</b>	<b>9.4%</b>	<b>100%</b>

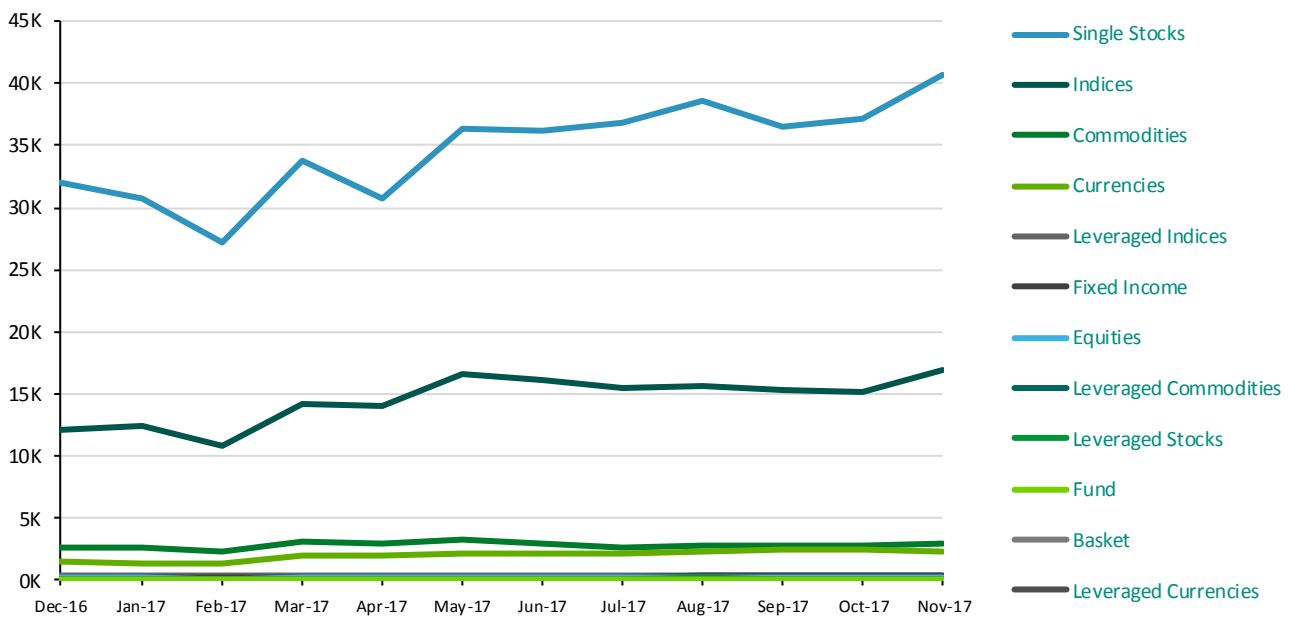
(Source Euronext)



# UNDERLYING TYPES

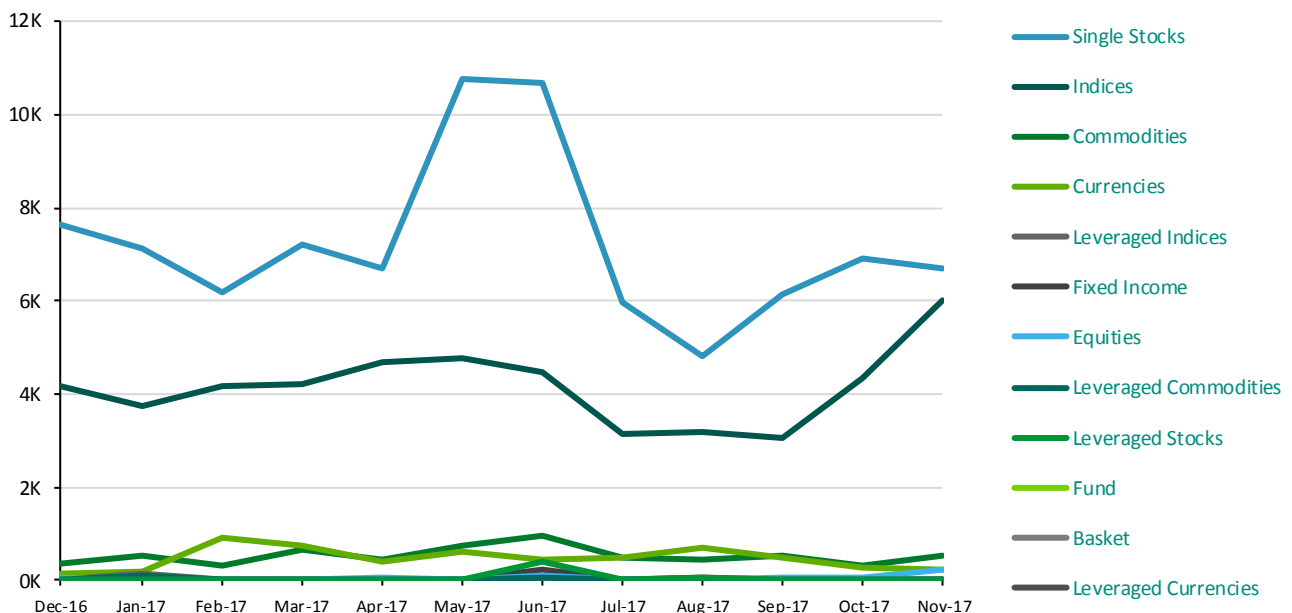
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type across all Euronext markets.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type across all Euronext markets.



# TOP 10 UNDERLYING COUNTRIES

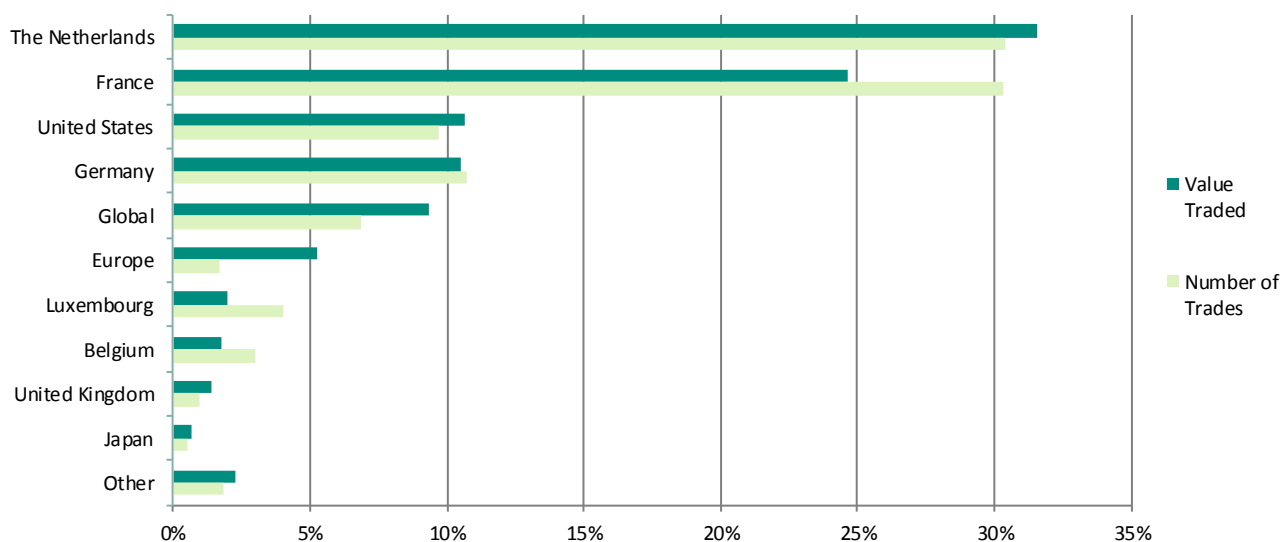
## Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	12,358	12.1%	9.9%	31.6%	3,357	22%	1.2%	30.4%
France	9,649	12.9%	-2.7%	24.7%	3,347	18.6%	2.2%	30.3%
United States	4,170	-5.5%	12.7%	10.7%	1,073	2.0%	7.5%	9.7%
Germany	4,108	31%	21%	10.5%	1,185	49%	14.5%	10.7%
Global	3,663	5.0%	-2.2%	9.4%	753	-13.1%	-28%	6.8%
Europe	2,044	-18.8%	-39%	5.2%	185	-33%	-28%	1.7%
Luxembourg	769	17.8%	13.2%	2.0%	440	146%	77%	4.0%
Belgium	690	5.8%	6.1%	1.8%	334	14.4%	20%	3.0%
United Kingdom	530	-38%	14.3%	1.4%	104	-24%	13.1%	0.9%
Japan	253	24%		0.6%	54	22%		0.5%
Other	887	-4.4%	13.0%	2.3%	202	-3.9%	17.8%	1.8%
<b>Total</b>	<b>39,120</b>	<b>7.4%</b>	<b>3.1%</b>	<b>100%</b>	<b>11,034</b>	<b>17.0%</b>	<b>2.9%</b>	<b>100%</b>

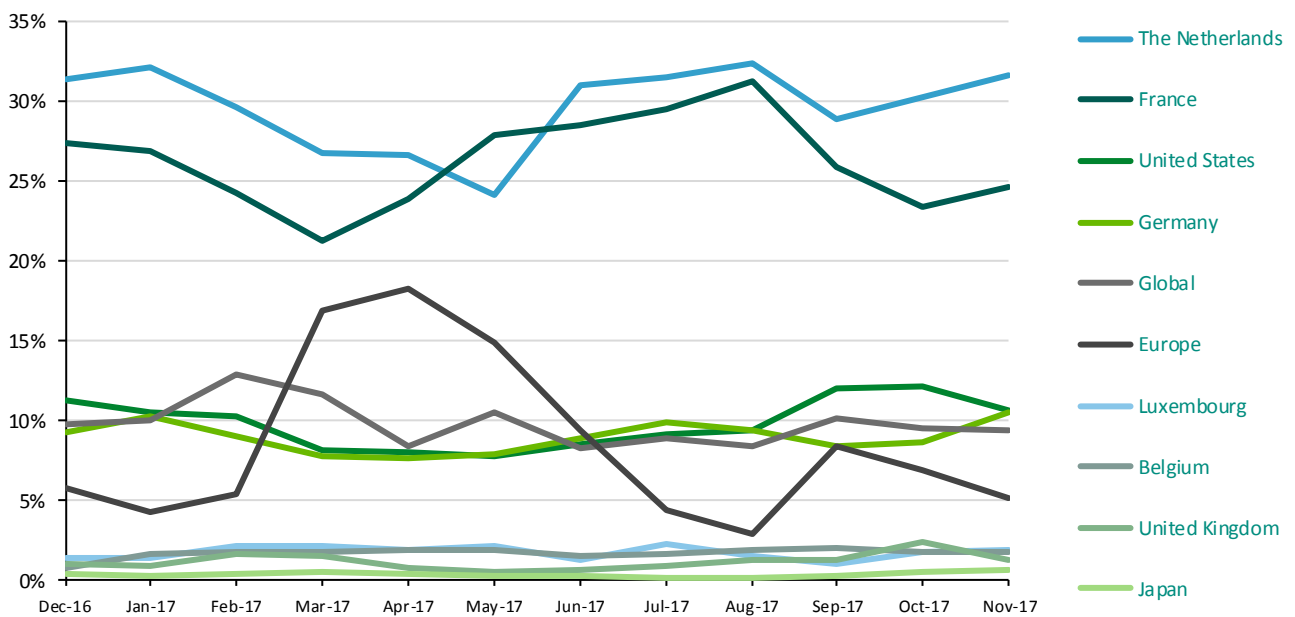
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

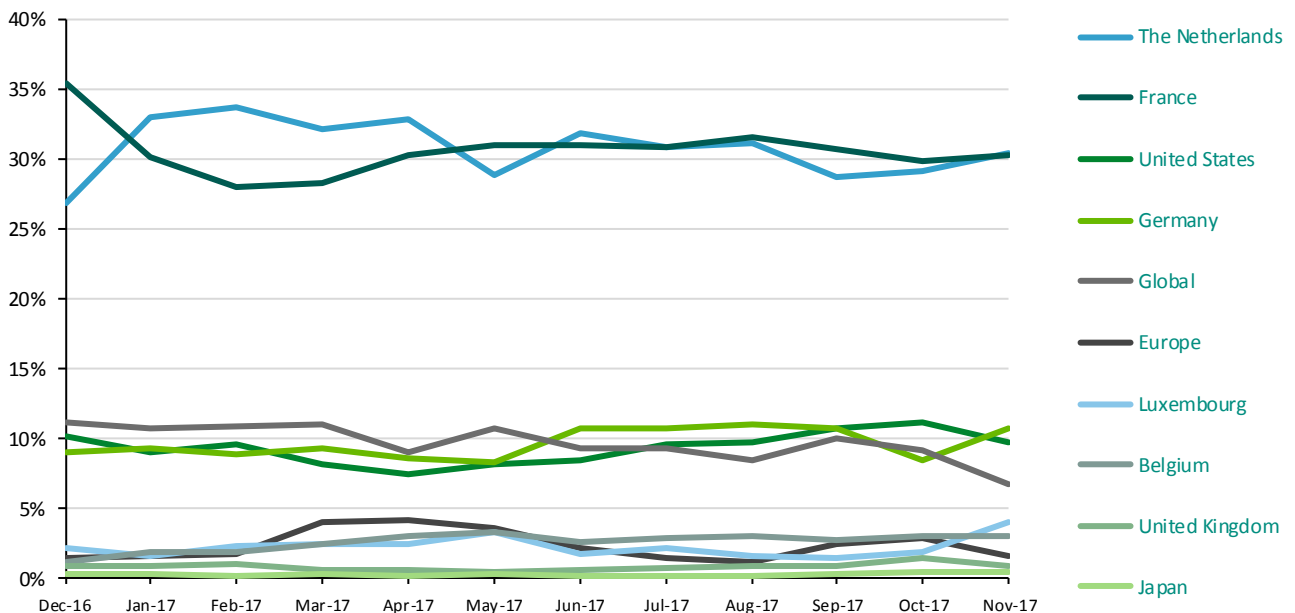
## Market Trend: Value traded

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



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each underlying country of origin over the total number of trades across all Euronext markets.



# TOP 10 UNDERLYING COUNTRIES

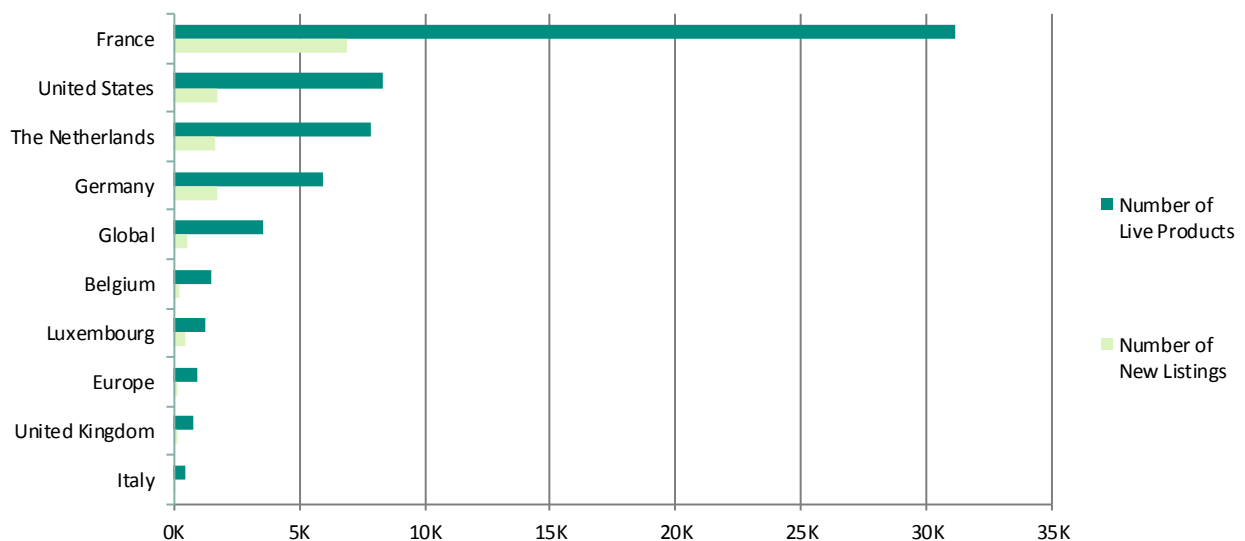
## Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	31,121	10.1%	17.0%	48.5%	6,877	4.1%	-0.9%	50.0%
United States	8,325	5.0%	12.1%	13.0%	1,743	31%	16.7%	12.7%
The Netherlands	7,853	8.5%	23%	12.3%	1,639	18.1%	39%	11.9%
Germany	5,959	19.6%	16.9%	9.3%	1,694	55%	38%	12.3%
Global	3,578	-0.3%	2.3%	5.6%	561	41%	-18.0%	4.1%
Belgium	1,509	5.0%	17.3%	2.4%	191	17.2%	4.4%	1.4%
Luxembourg	1,225	7.0%	11.4%	1.9%	430	59%	47%	3.1%
Europe	935	4.2%	8.8%	1.5%	105	-29%	-12.6%	0.8%
United Kingdom	776	7.3%	15.0%	1.2%	103	0.0%	-0.6%	0.7%
Italy	482	4.8%	37%	0.8%	28	-64%	-59%	0.2%
Other	2,342	8.2%	14.3%	3.7%	392	13.6%	37%	2.8%
<b>Total</b>	<b>64,106</b>	<b>9.0%</b>	<b>15.9%</b>	<b>100%</b>	<b>13,763</b>	<b>15.5%</b>	<b>9.4%</b>	<b>100%</b>

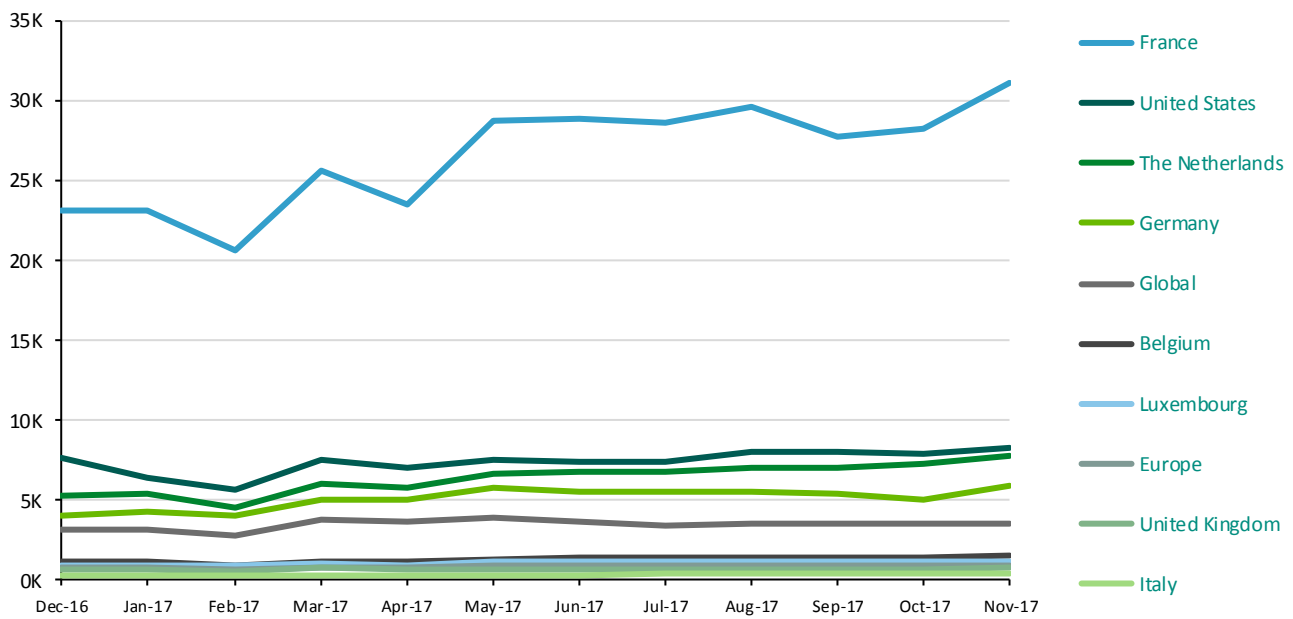
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

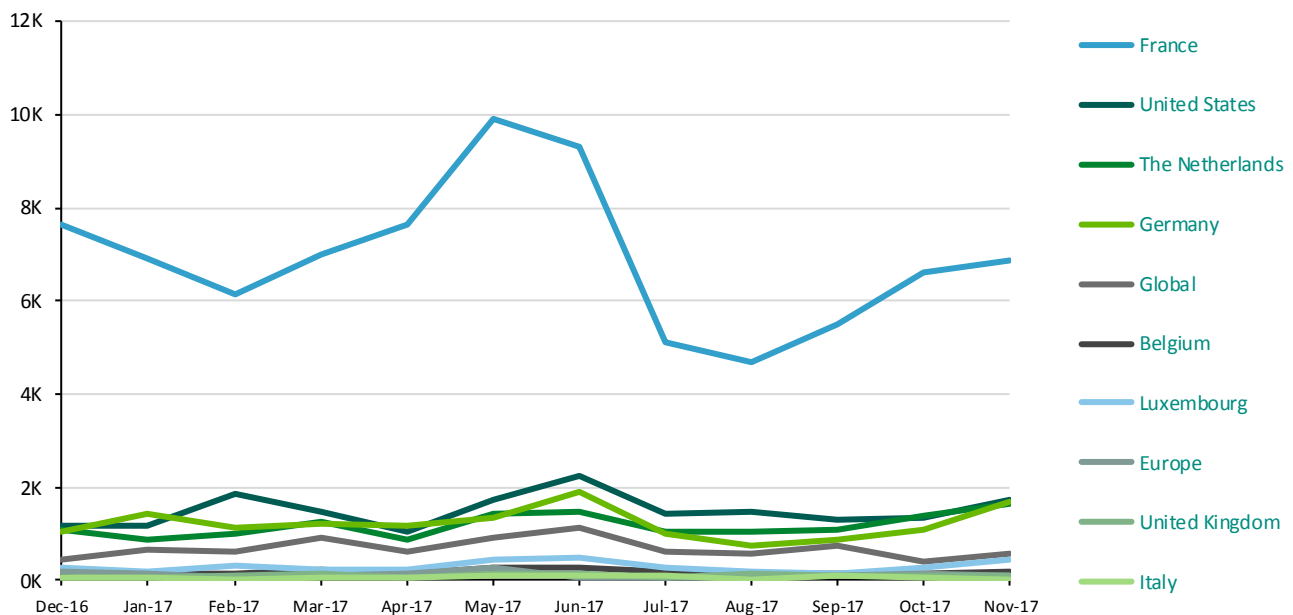
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin across all Euronext markets.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin across all Euronext markets.



# TOP 10 UNDERLYINGS

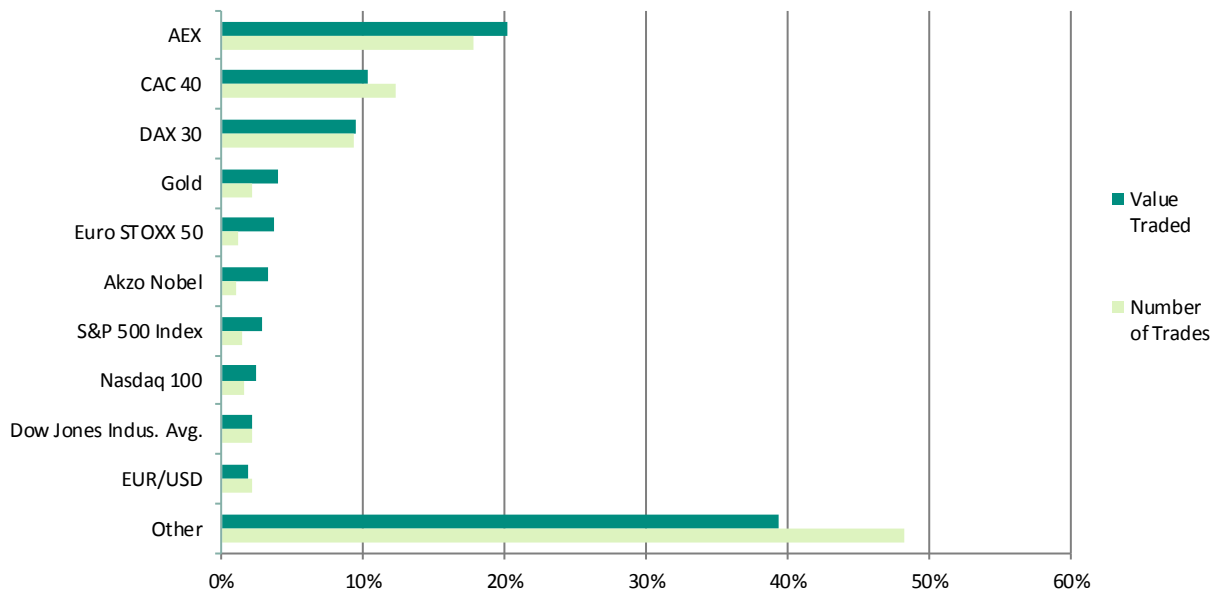
## Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	7,918	27%	0.8%	20.2%	1,975	38%	-8.0%	17.9%
CAC 40	4,048	9.1%	-10.1%	10.3%	1,364	25%	-9.6%	12.4%
DAX 30	3,731	36%	26%	9.5%	1,036	59%	18.7%	9.4%
Gold	1,575	10.9%	21%	4.0%	239	1.5%	-8.4%	2.2%
Euro STOXX 50	1,460	-17.7%	15.3%	3.7%	133	-18.1%	6.3%	1.2%
Akzo Nobel	1,288	-12.3%	266%	3.3%	118	216%	139%	1.1%
S&P 500 Index	1,117	-15.4%	5.2%	2.9%	168	-10.9%	-15.3%	1.5%
Nasdaq 100	941	7.3%	84%	2.4%	181	14.7%	49%	1.6%
Dow Jones Indus. Avg.	875	-7.0%	11.0%	2.2%	244	5.1%	9.8%	2.2%
EUR/USD	746	-11.9%	-16.9%	1.9%	240	-0.4%	-9.6%	2.2%
Other	15,421	2.1%	-6.0%	39.4%	5,335	6.7%	7.9%	48.4%
<b>Total</b>	<b>39,120</b>	<b>7.4%</b>	<b>3.1%</b>	<b>100%</b>	<b>11,034</b>	<b>17.0%</b>	<b>2.9%</b>	<b>100%</b>

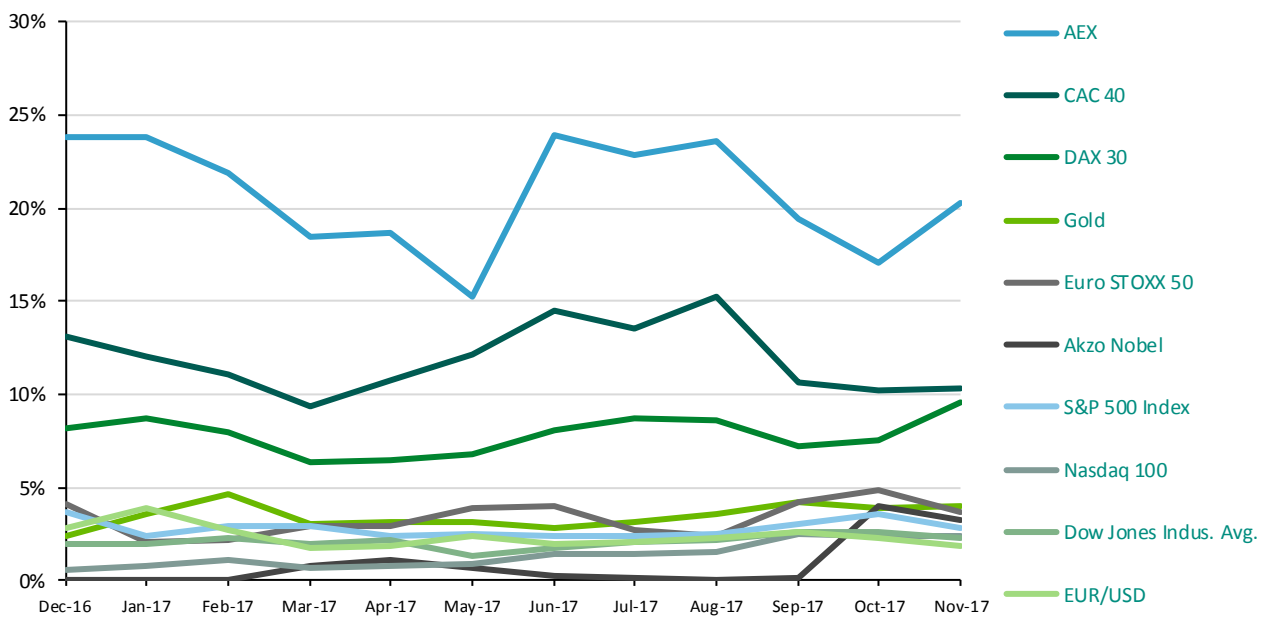
(Source Euronext)



# TOP 10 UNDERLYINGS

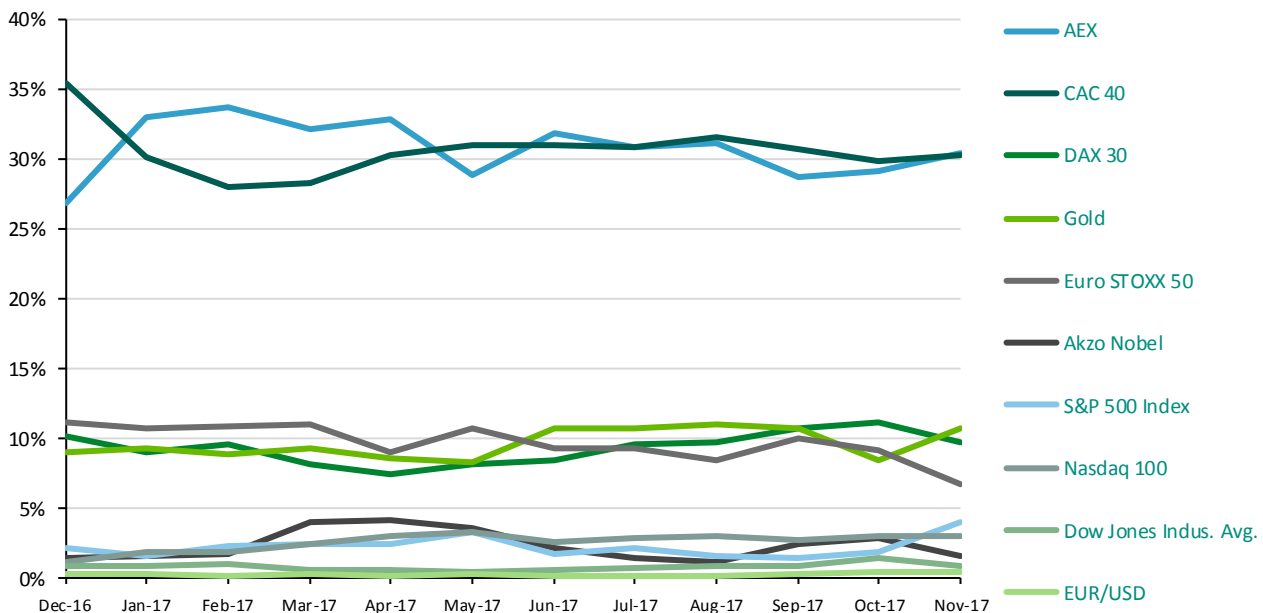
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded across all Euronext markets.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each top 10 underlying over the total number of trades across all Euronext markets.





# TOP 10 UNDERLYINGS

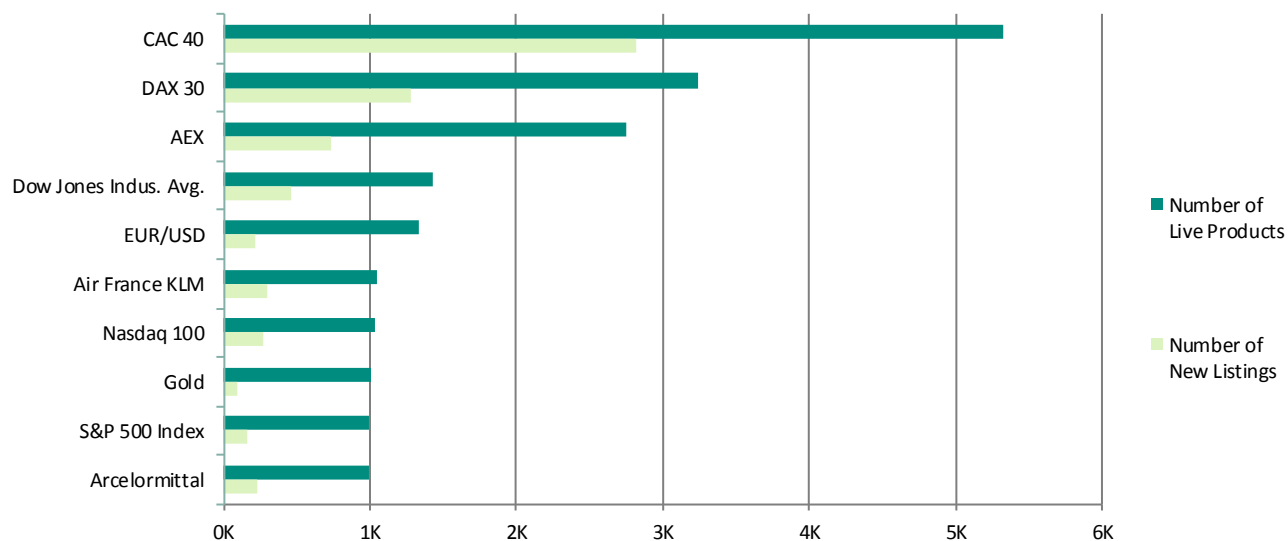
## Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of all Euronext markets.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	5,323	11.0%	12.3%	8.3%	2,818	52%	40%	20.5%
DAX 30	3,240	24%	16.4%	5.1%	1,279	85%	63%	9.3%
AEX	2,751	10.1%	27%	4.3%	739	17.5%	58%	5.4%
Dow Jones Indus. Avg.	1,433	-6.5%	14.3%	2.2%	464	18.1%	83%	3.4%
EUR/USD	1,337	5.0%	30%	2.1%	211	72%	-11.0%	1.5%
Air France KLM	1,049	2.9%	23%	1.6%	291	145%	-0.4%	2.1%
Nasdaq 100	1,032	18.1%	32%	1.6%	275	66%	51%	2.0%
Gold	1,002	6.4%	17.6%	1.6%	97	-24%	-37%	0.7%
S&P 500 Index	989	10.9%	20%	1.5%	164	26%	28%	1.2%
Arcelormittal	987	9.6%	16.2%	1.5%	226	-6.6%	-5.5%	1.6%
Other	44,964	8.4%	14.7%	70.1%	7,199	-3.2%	-8.0%	52.3%
<b>Total</b>	<b>64,106</b>	<b>9.0%</b>	<b>15.9%</b>	<b>100%</b>	<b>13,763</b>	<b>15.5%</b>	<b>9.4%</b>	<b>100%</b>

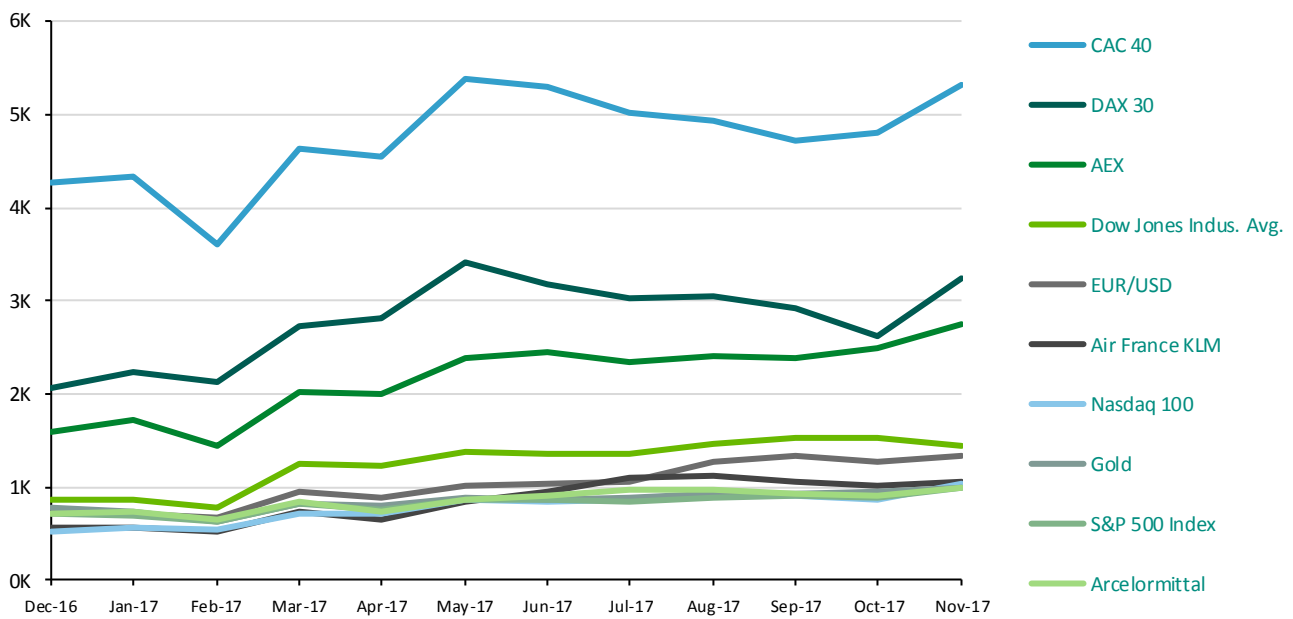
(Source Euronext)



# TOP 10 UNDERLYINGS

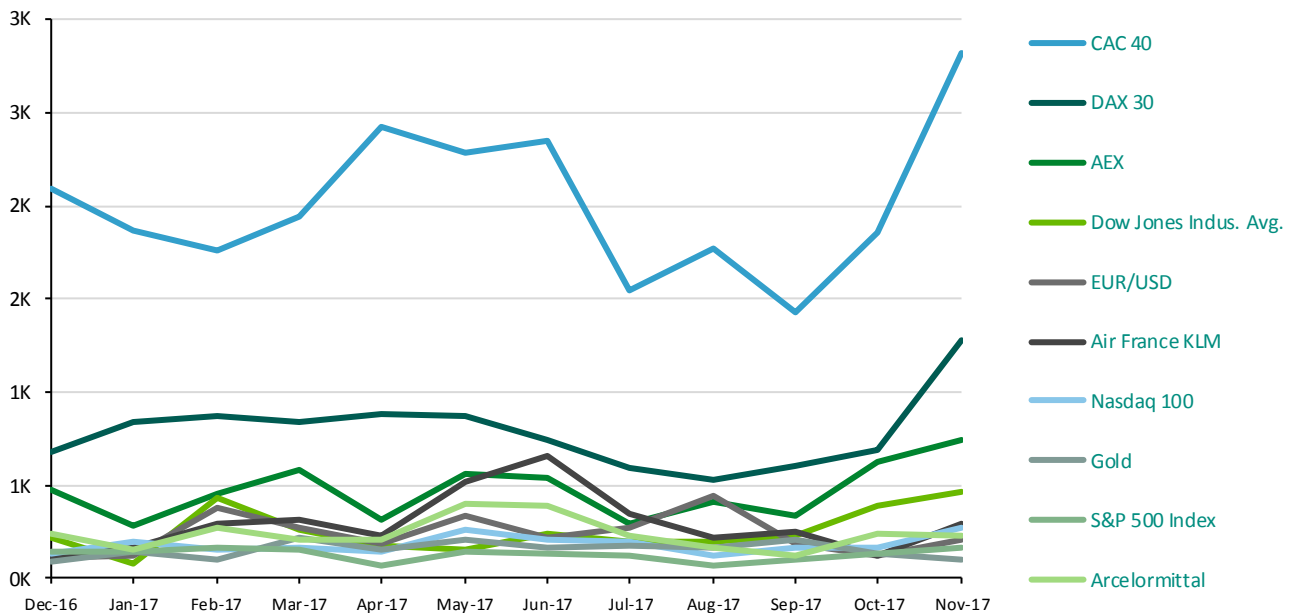
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying across all Euronext markets.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying across all Euronext markets.



# 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.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	58,672	4,688
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	37,586	3,836
NL0012488647	BNP Paribas	2210	Mini-Futures	Gold	29,362	564
NL0011642707	BNP Paribas	2210	Mini-Futures	Silver	19,408	104
NL0010087672	ING	2210	Mini-Futures	Akzo Nobel	18,694	790
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	13,103	1,310
NL0012500789	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	13,072	1,552
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	10,807	1,042
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	10,230	1,370
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	10,065	1,274
NL0011963574	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	9,192	78
NL0010528501	ING	2210	Mini-Futures	Akzo Nobel	8,905	784
DE000VL2FM21	Vontobel	2205	Open-End Knock-Out Warrants	AEX	8,891	3,892
NL0012265557	BNP Paribas	2205	Open-End Knock-Out Warrants	Nasdaq 100	8,120	416
DE000CE8WCF3	Commerzbank	2300	Constant Leverage Certificate	CAC 40	7,850	1,712
NL0012494736	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	7,746	3,980
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	6,779	628
NL0010939047	ING	2210	Mini-Futures	Akzo Nobel	6,711	774
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	6,696	420
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	6,671	1,082
NL0012501043	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	6,239	2,284
NL0012503981	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	6,187	1,070
DE000CY510V3	Citi	2200	Knock-Out Warrants	AEX	5,836	1,860
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	5,833	696
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	5,688	608
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	5,627	680
NL0010085577	ING	2210	Mini-Futures	Akzo Nobel	5,367	280
NL0012530406	Goldman Sachs	2205	Open-End Knock-Out Warrants	EUR/USD	5,304	430
NL0012375265	ING	2100	Warrants	Euro STOXX 50 ETFs	5,285	478
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	5,272	798
NL0012511836	BNP Paribas	2210	Mini-Futures	AEX	5,208	182
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	5,140	838
NL0010216354	ING	2210	Mini-Futures	Akzo Nobel	5,080	750
NL0012526685	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	4,542	1,960
NL0012523146	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	4,524	84
DE000CE6EVK5	Commerzbank	2205	Open-End Knock-Out Warrants	ING	4,508	1,520
NL0011624648	ING	2210	Mini-Futures	Akzo Nobel	4,431	60
NL0012264717	BNP Paribas	2210	Mini-Futures	AEX	3,909	424
DE000CY5ZV91	Citi	2200	Knock-Out Warrants	DAX 30	3,767	240
NL0012510895	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	3,709	628
NL0012503940	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,695	556
LU1555075784	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Short Index	3,686	838
DE000CE6FAA7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	3,643	1,334
DE000CZ28ZJ7	Commerzbank	2300	Constant Leverage Certificate	CAC 40	3,625	1,054
NL0012512446	BNP Paribas	2210	Mini-Futures	AEX	3,547	114
DE000CY5AW73	Citi	2300	Constant Leverage Certificate	CAC 40 x15 Short Index	3,456	188
FR0010673350	Société Générale	1300	Tracker Certificates	Gold	3,450	106
NL0012497630	BNP Paribas	2210	Mini-Futures	Gold	3,450	114
LU1555074977	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	3,389	466
NL0012510564	BNP Paribas	2210	Mini-Futures	AEX	3,375	124

(Source Euronext)



Euronext Amsterdam

# ISSUERS

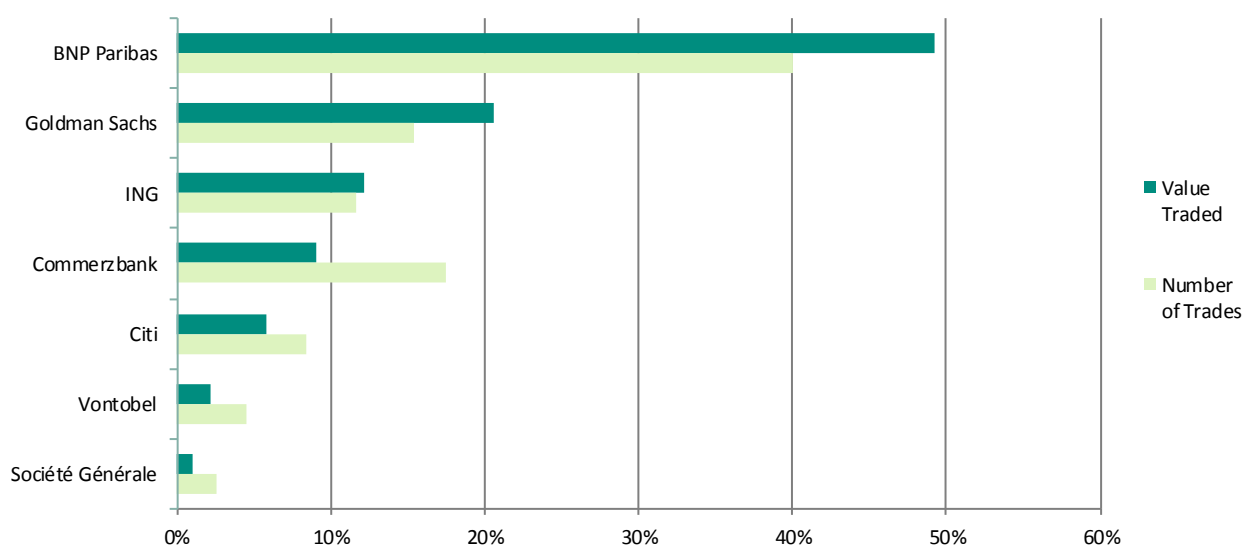
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	10,686	19.5%	1.8%	49.3%	2,415	21.2%	-11.5%	40.1%
Goldman Sachs	4,456	-7.4%	2.4%	20.6%	927	5.9%	-2.9%	15.4%
ING	2,643	-2.3%	1.7%	12.2%	699	28.1%	-0.2%	11.6%
Commerzbank	1,946	21%	12.5%	9.0%	1,051	15.3%	19.1%	17.4%
Citi	1,262	14.4%	16.4%	5.8%	508	14.8%	-2.7%	8.4%
Vontobel	474	181%	374%	2.2%	275	262.9%	363.0%	4.6%
Société Générale	213	-6.2%	41%	1.0%	151	6.0%	52.2%	2.5%
Total	21,682	10.8%	5.7%	100%	6,026	20.9%	1.3%	100%

(Source Euronext)

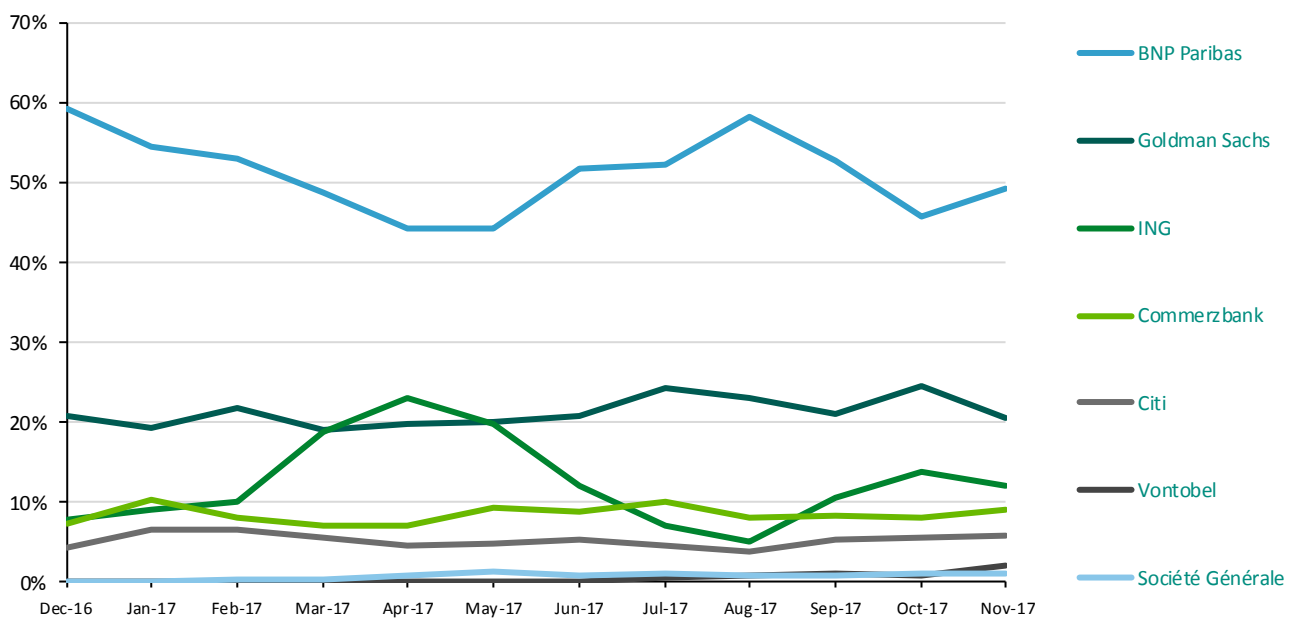




# ISSUERS

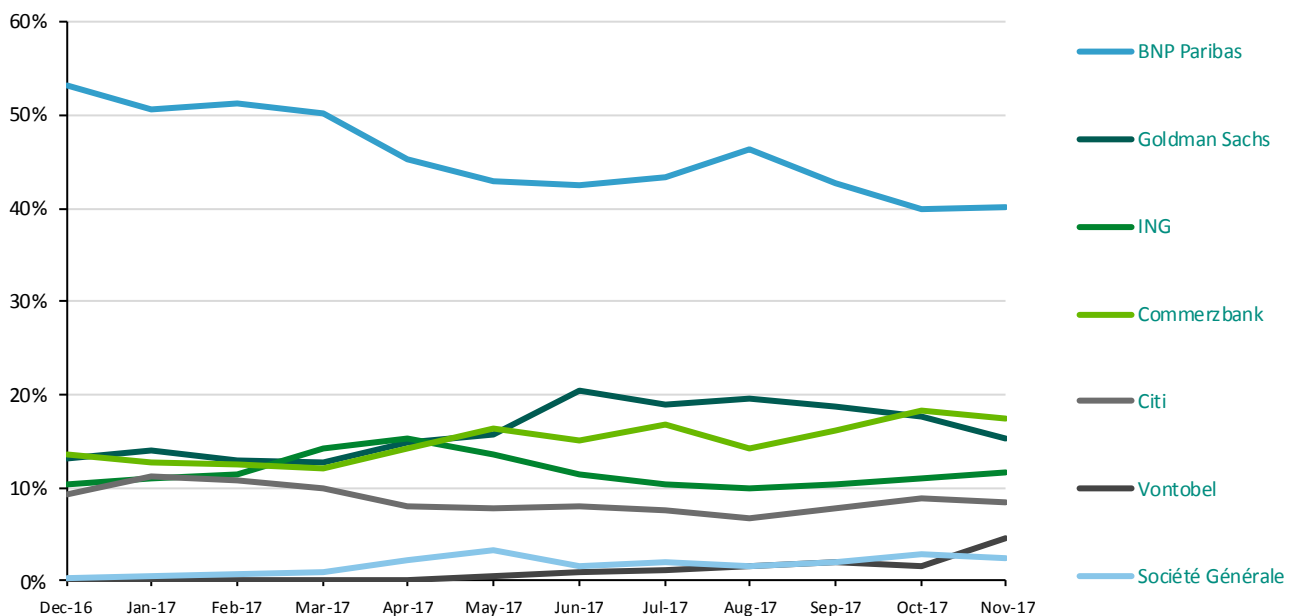
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

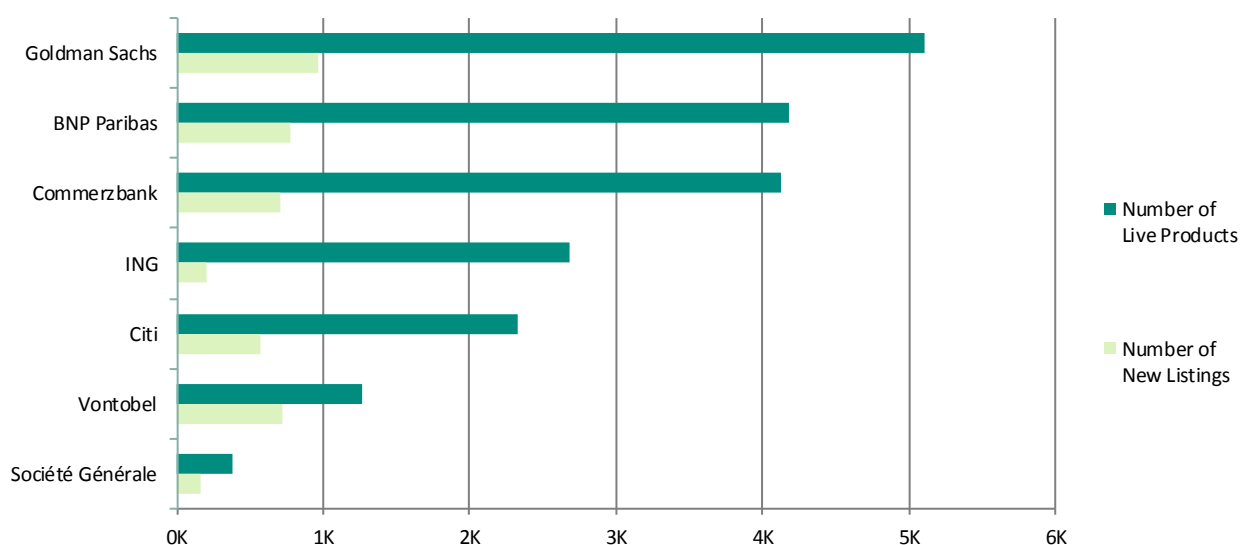
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	5,110	-9.5%	5.2%	25.5%	963	7.1%	-6.4%	23.7%
BNP Paribas	4,177	5.1%	7.6%	20.8%	770	9.1%	20%	18.9%
Commerzbank	4,124	8.2%	21%	20.6%	702	55%	39%	17.2%
ING	2,683	2.5%	7.6%	13.4%	197	-14.0%	7.0%	4.8%
Citi	2,330	11.6%	27%	11.6%	566	38%	24%	13.9%
Vontobel	1,268	40%	85%	6.3%	716	773%	218%	17.6%
Société Générale	375	-5.5%	-3.1%	1.9%	156	-19.6%	-2.4%	3.8%
<b>Total</b>	<b>20,066</b>	<b>3.2%</b>	<b>14.3%</b>	<b>100%</b>	<b>4,070</b>	<b>36.9%</b>	<b>27.2%</b>	<b>100%</b>

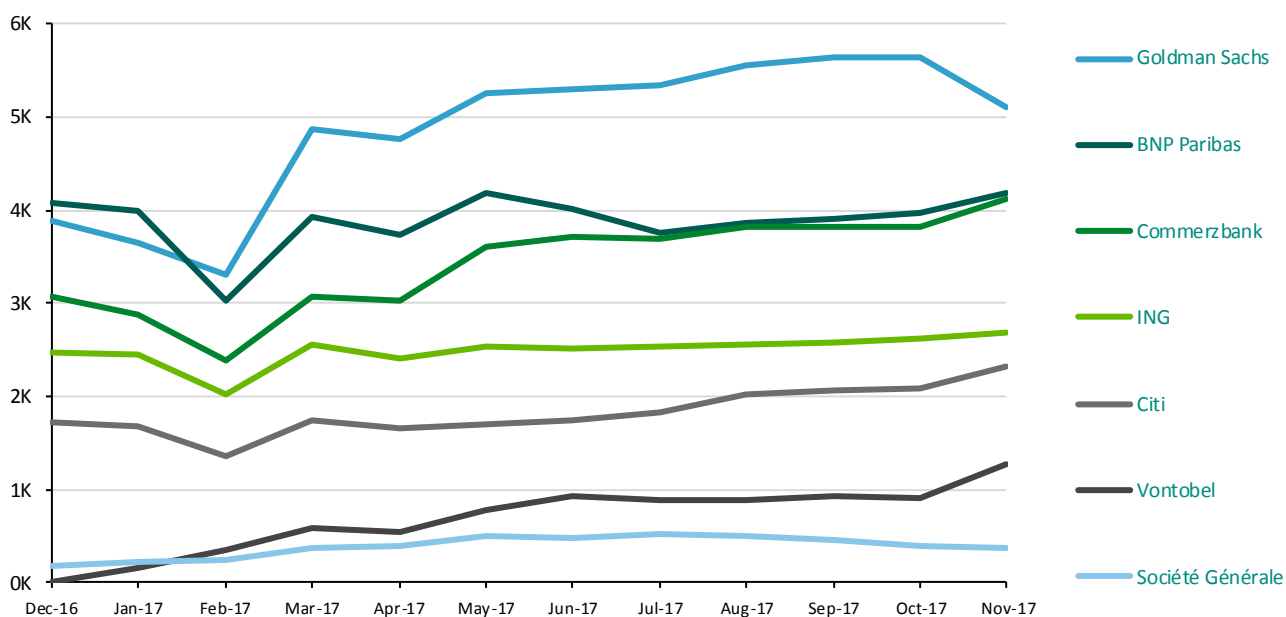
(Source Euronext)



# ISSUERS

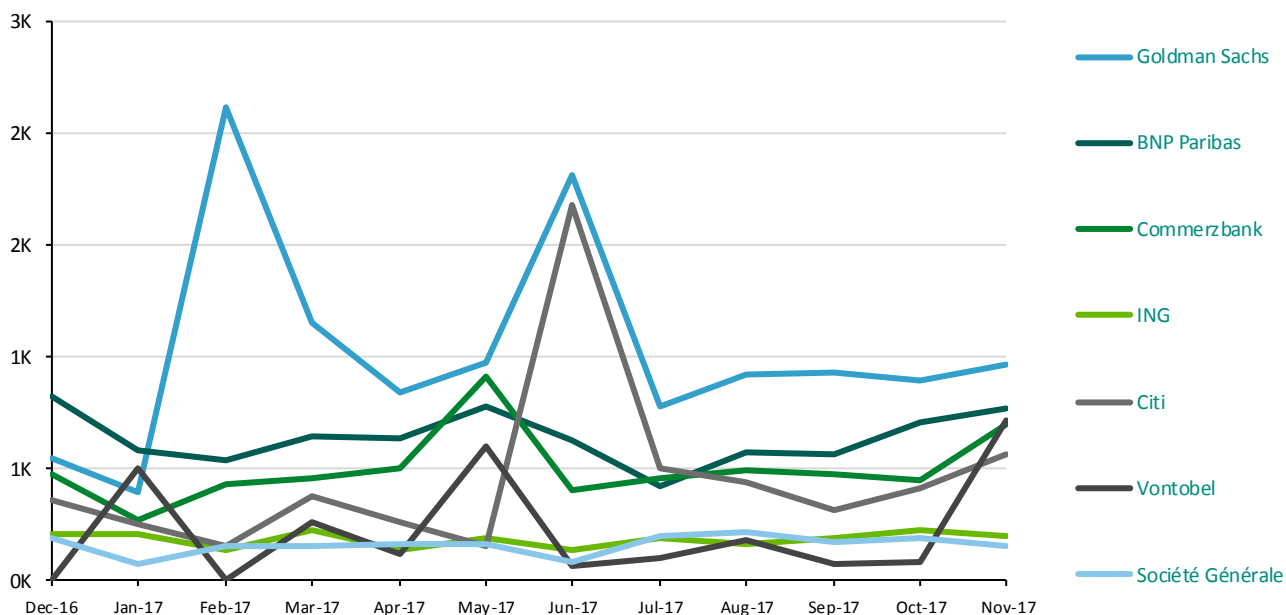
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euronext Amsterdam.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euronext Amsterdam.





# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

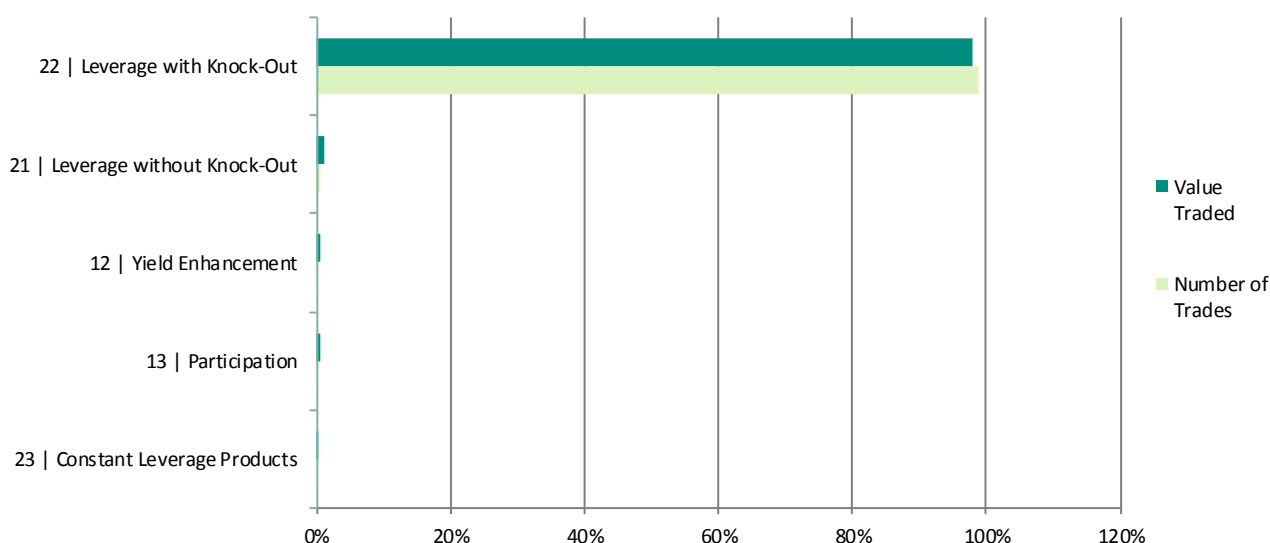
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product type (EUSIPA<sup>1</sup> categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Amsterdam.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	21,242	12.3%	11.4%	98.0%	5,946	22%	2.3%	98.7%
21   Leverage without Knock-Out	241	-50%	-80%	1.1%	33	-63%	-67%	0.5%
12   Yield Enhancement	92	-14.2%	-42%	0.4%	11	-33%	0.2%	0.2%
13   Participation	87	76%	14.4%	0.4%	15	83%	26%	0.2%
23   Constant Leverage Products	18	47%	22%	0.1%	21	40%	53%	0.3%
<b>Total</b>	<b>21,682</b>	<b>10.8%</b>	<b>5.7%</b>	<b>100%</b>	<b>6,026</b>	<b>20.9%</b>	<b>1.3%</b>	<b>100%</b>

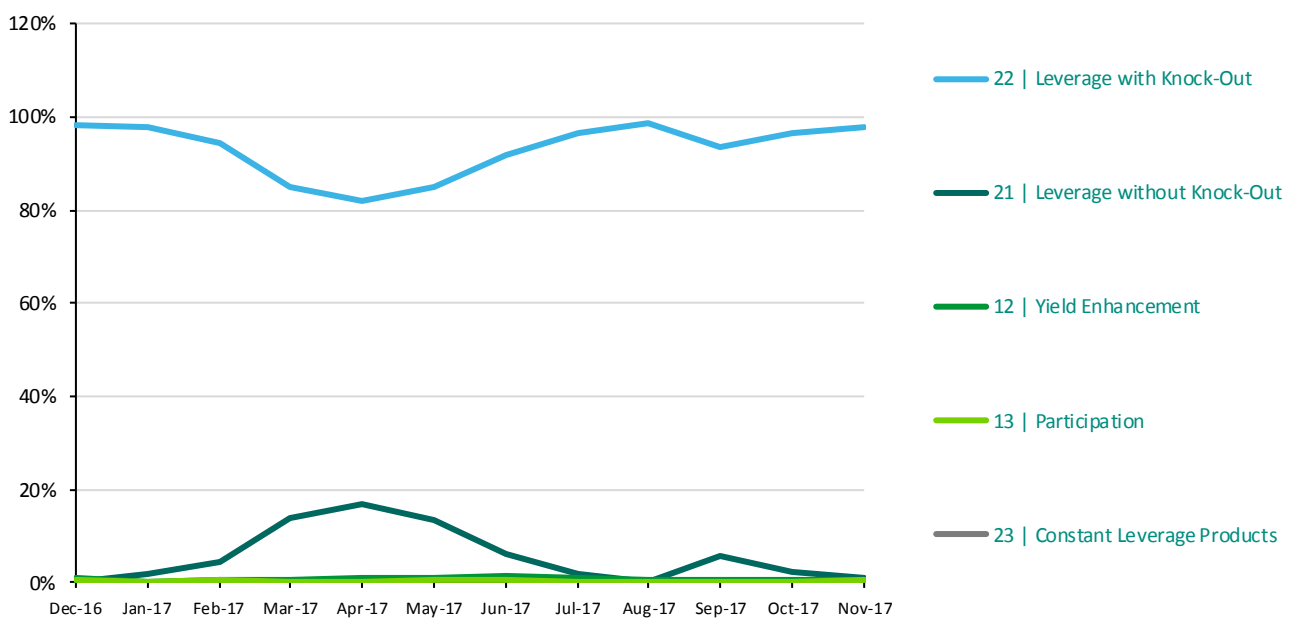
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

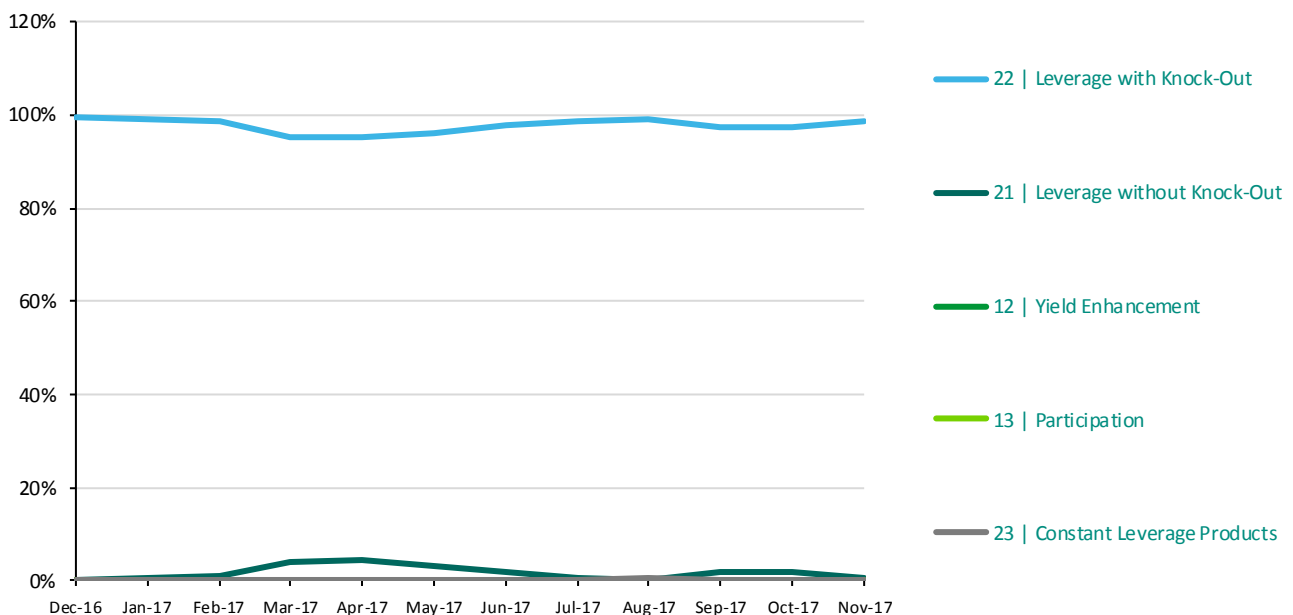
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

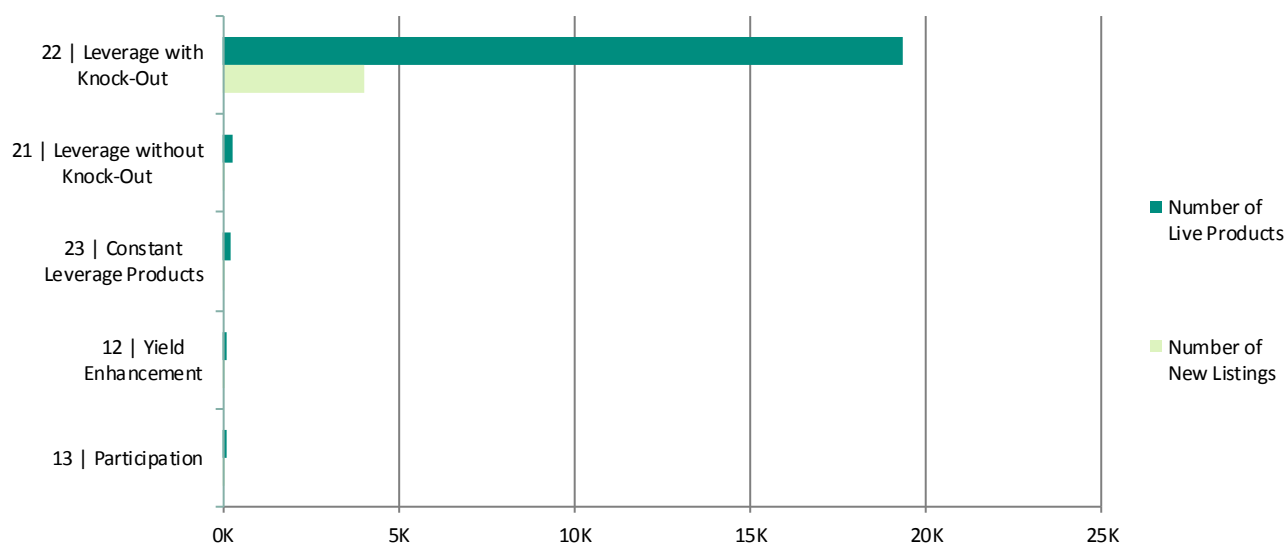
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product type (EUSIPA<sup>1</sup> categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	19,354	2.9%	13.5%	96.5%	4,022	39%	28%	98.8%
21   Leverage without Knock-Out	279	31%	159%	1.4%	12	-83%	-64%	0.3%
23   Constant Leverage Products	216	0.7%	-1.9%	1.1%	10		-43%	0.2%
12   Yield Enhancement	107	12.7%	48%	0.5%	22		175%	0.5%
13   Participation	105	-1.2%	-4.1%	0.5%	1		-71%	0.0%
<b>Total</b>	<b>20,066</b>	<b>3.2%</b>	<b>14.3%</b>	<b>100%</b>	<b>4,070</b>	<b>36.9%</b>	<b>27.2%</b>	<b>100%</b>

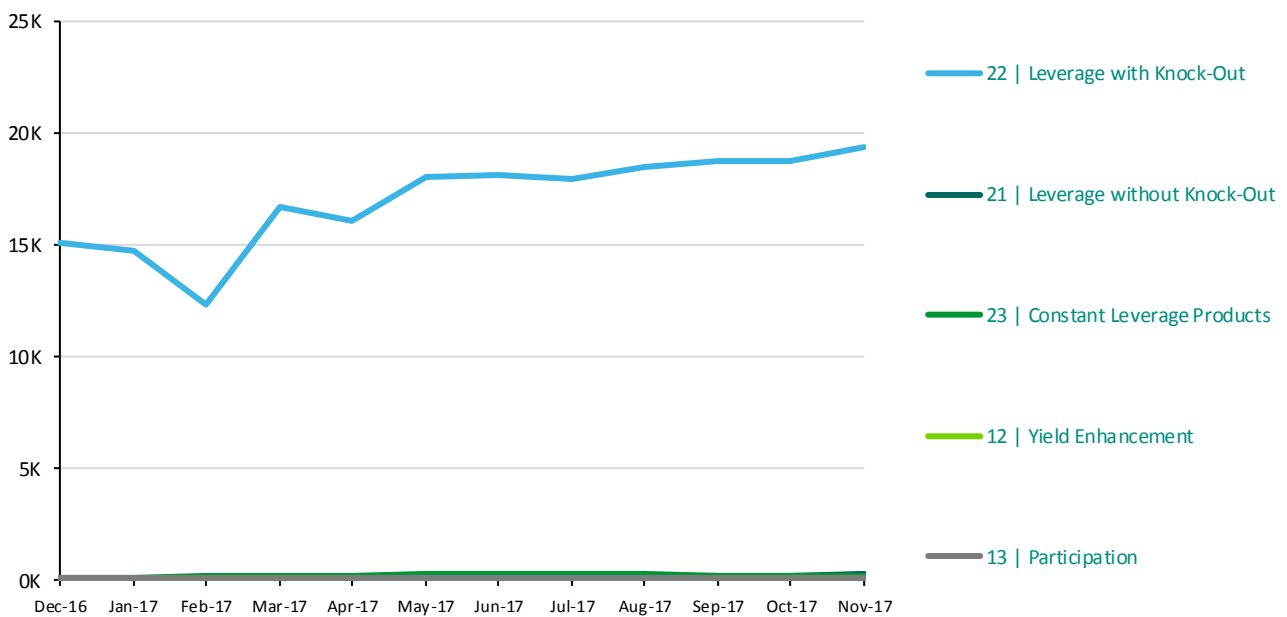
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

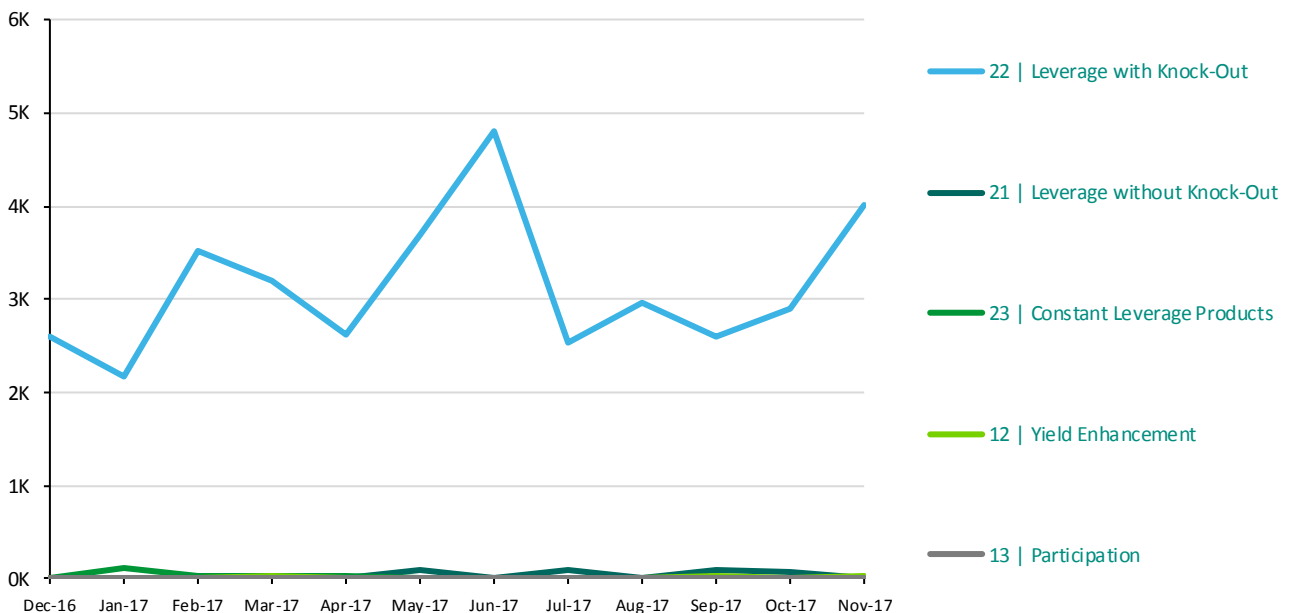
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Amsterdam.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Amsterdam.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

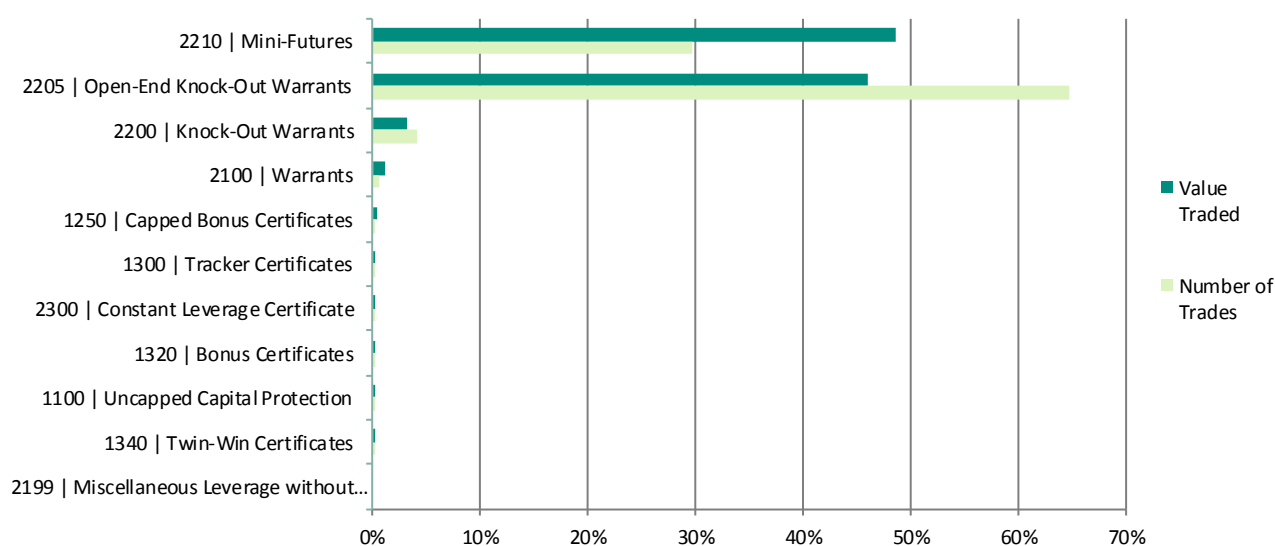
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Amsterdam.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2210   Mini-Futures	10,570	18.4%	21%	48.7%	1,791	15.2%	6.6%	29.7%
2205   Open-End Knock-Out Warrants	9,978	5.1%	1.2%	46.0%	3,907	25%	0.1%	64.8%
2200   Knock-Out Warrants	694	40%	36%	3.2%	248	42%	9.3%	4.1%
2100   Warrants	241	-50%	-80%	1.1%	33	-63%	-67%	0.5%
1250   Capped Bonus Certificates	92	-14.2%	-42%	0.4%	11	-33%	0.2%	0.2%
1300   Tracker Certificates	72	49%	6.0%	0.3%	7.5	5.8%	-2.7%	0.1%
2300   Constant Leverage Certificate	18	47%	22%	0.1%	21	40%	53%	0.3%
1320   Bonus Certificates	14	NA	75%	0.1%	6.6	668%	75%	0.1%
1100   Uncapped Capital Protection	2		NA	0.0%	0.0		NA	0.0%
1340   Twin-Win Certificates	1		300%	0.0%	0.4		357%	0.0%
2199   Miscellaneous Leverage without Knock-Out	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>21,682</b>	<b>10.8%</b>	<b>5.7%</b>	<b>100%</b>	<b>6,026</b>	<b>20.9%</b>	<b>1.3%</b>	<b>100%</b>

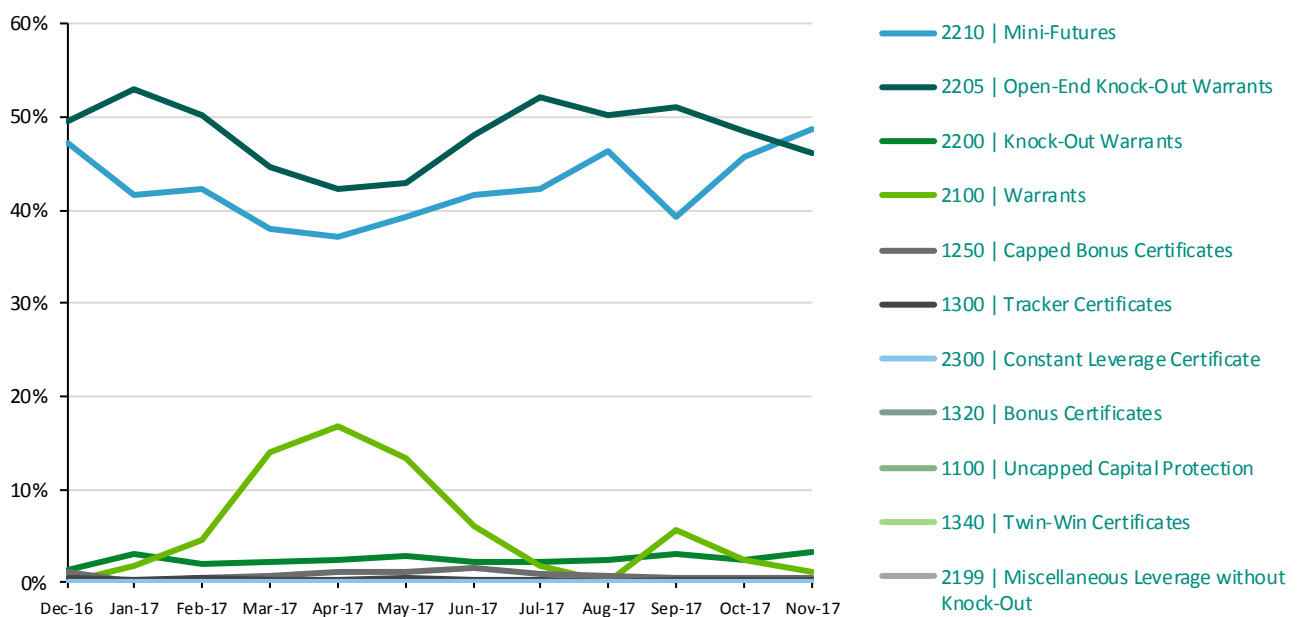
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

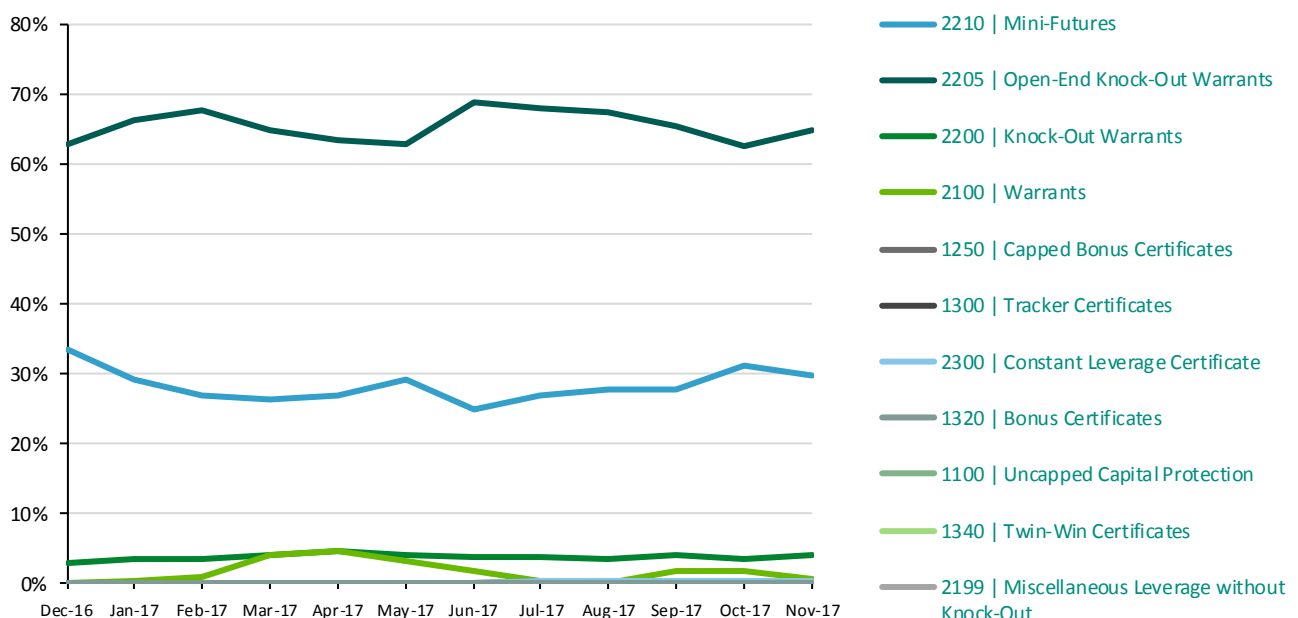
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

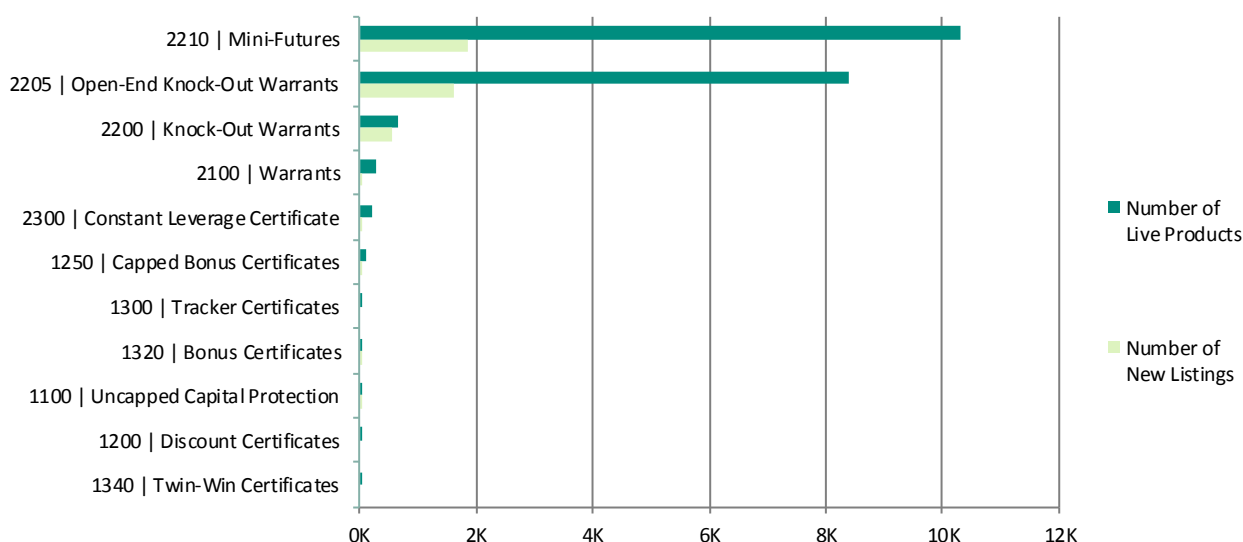
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2210   Mini-Futures	10,295	5.8%	13.1%	51.3%	1,859	56%	31%	45.7%
2205   Open-End Knock-Out Warrants	8,403	-3.2%	12.0%	41.9%	1,617	3.3%	9.0%	39.7%
2200   Knock-Out Warrants	656	63%	50%	3.3%	546	285%	136%	13.4%
2100   Warrants	278	31%	160%	1.4%	12	-83%	-64%	0.3%
2300   Constant Leverage Certificate	216	0.7%	-1.9%	1.1%	10		-43%	0.2%
1250   Capped Bonus Certificates	101	13.5%	48%	0.5%	22		193%	0.5%
1300   Tracker Certificates	62	-3.2%	-28%	0.3%	0			0.0%
1320   Bonus Certificates	39	2.5%	96%	0.2%	1		-71%	0.0%
1100   Uncapped Capital Protection	6	74%	639%	0.0%	3	50%	414%	0.1%
1200   Discount Certificates	6	0.0%	42%	0.0%	0		-100%	0.0%
1340   Twin-Win Certificates	4	-4.5%	10.6%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>20,066</b>	<b>3.2%</b>	<b>14.3%</b>	<b>100%</b>	<b>4,070</b>	<b>36.9%</b>	<b>27.2%</b>	<b>100%</b>

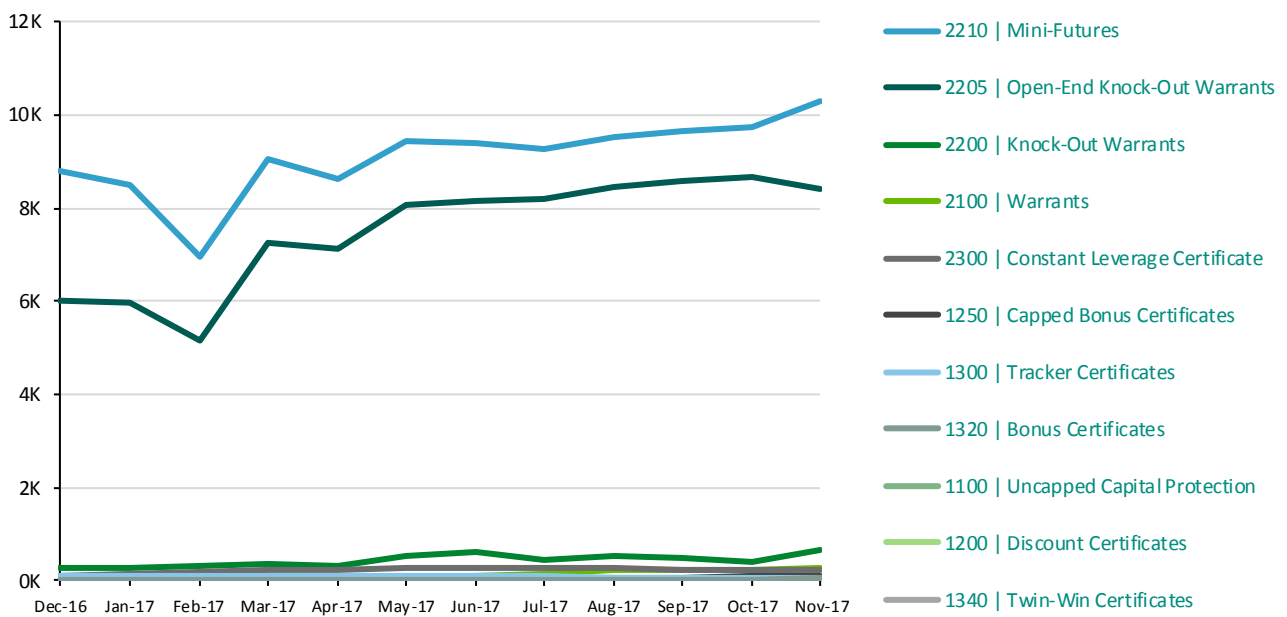
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

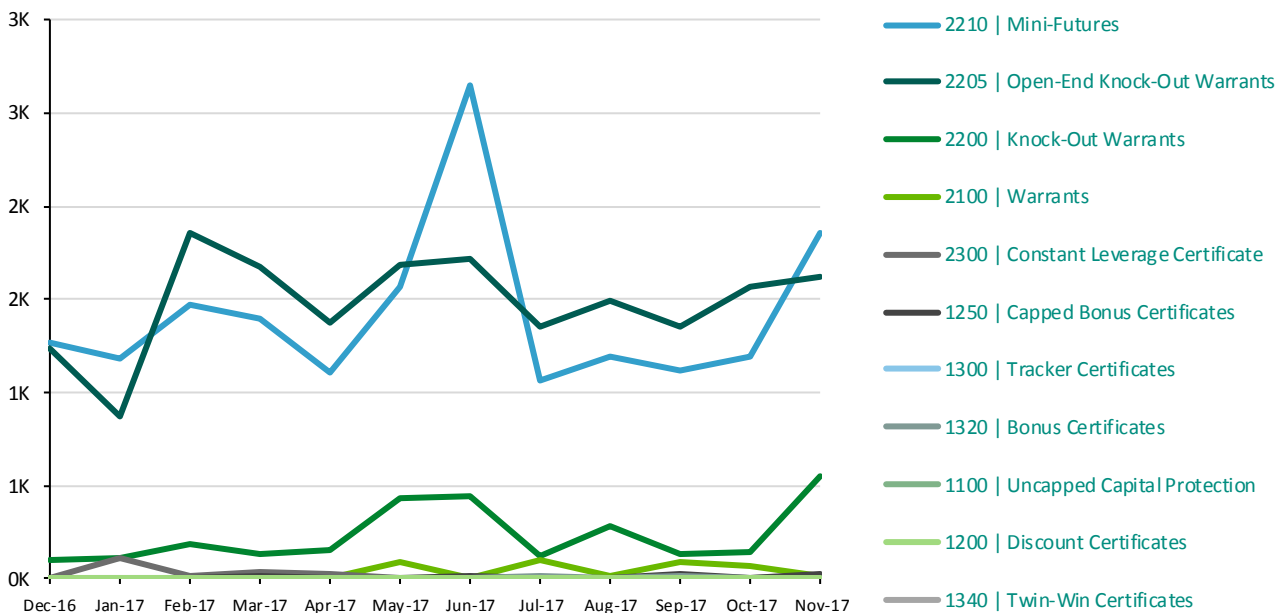
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Amsterdam.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Amsterdam.





# PRODUCT STRATEGIES

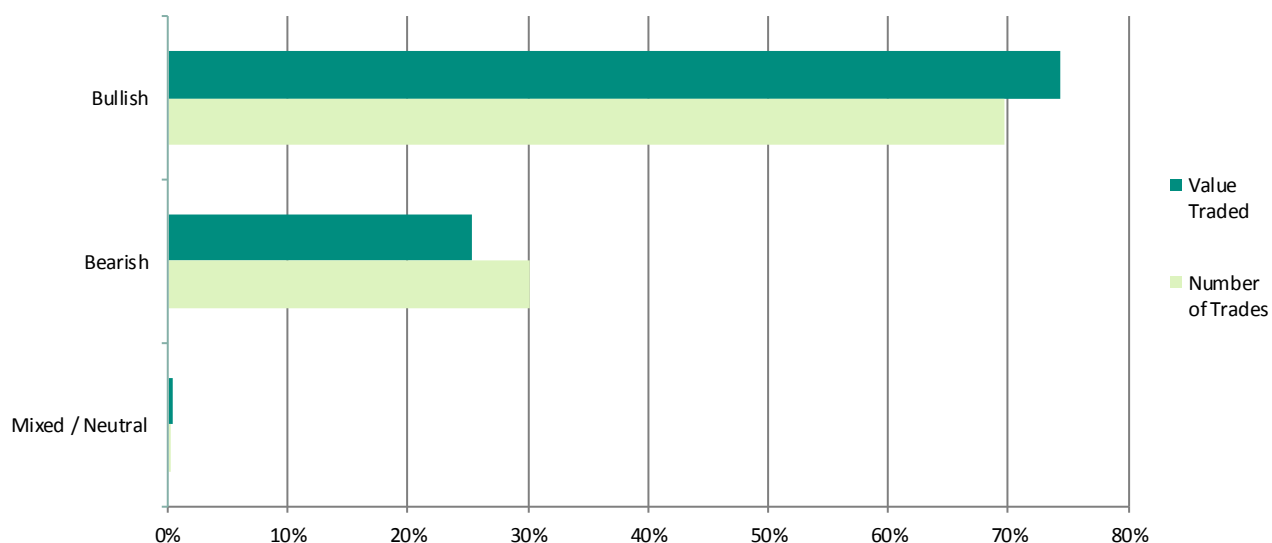
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	16,106	8.8%	15.0%	74.3%	4,196	25%	10.0%	69.6%
Bearish	5,484	17.8%	-13.6%	25.3%	1,818	13.4%	-14.3%	30.2%
Mixed / Neutral	92	-14.3%	-42%	0.4%	12	-33%	-10.3%	0.2%
Total	21,682	10.8%	5.7%	100%	6,026	20.9%	1.3%	100%

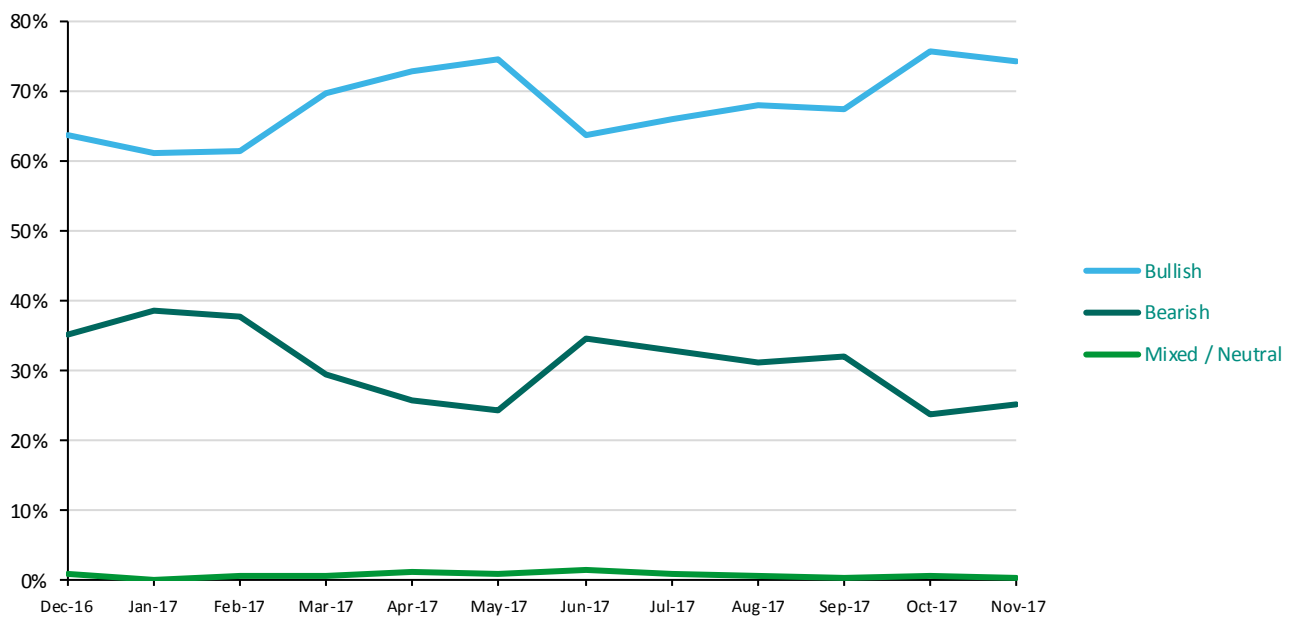
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# PRODUCT STRATEGIES

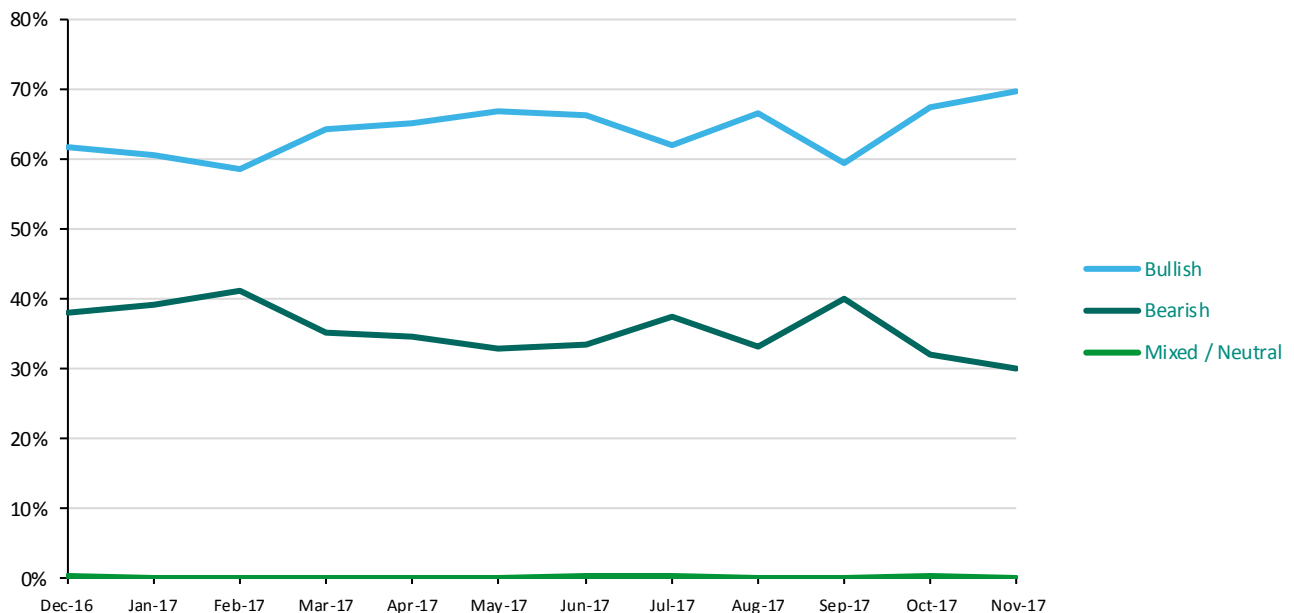
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

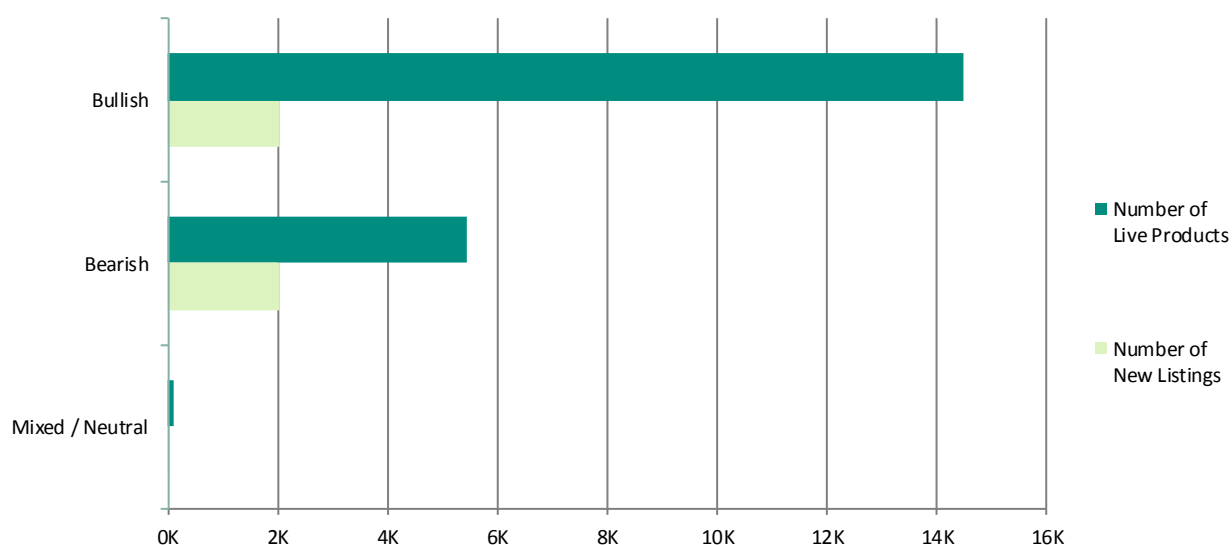
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	14,499	1.8%	16.7%	72.3%	2,015	21%	17.4%	49.5%
Bearish	5,456	7.0%	8.4%	27.2%	2,033	56%	38%	50.0%
Mixed / Neutral	111	10.9%	16.6%	0.6%	22		175%	0.5%
Total	20,066	3.2%	14.3%	100%	4,070	36.9%	27.2%	100%

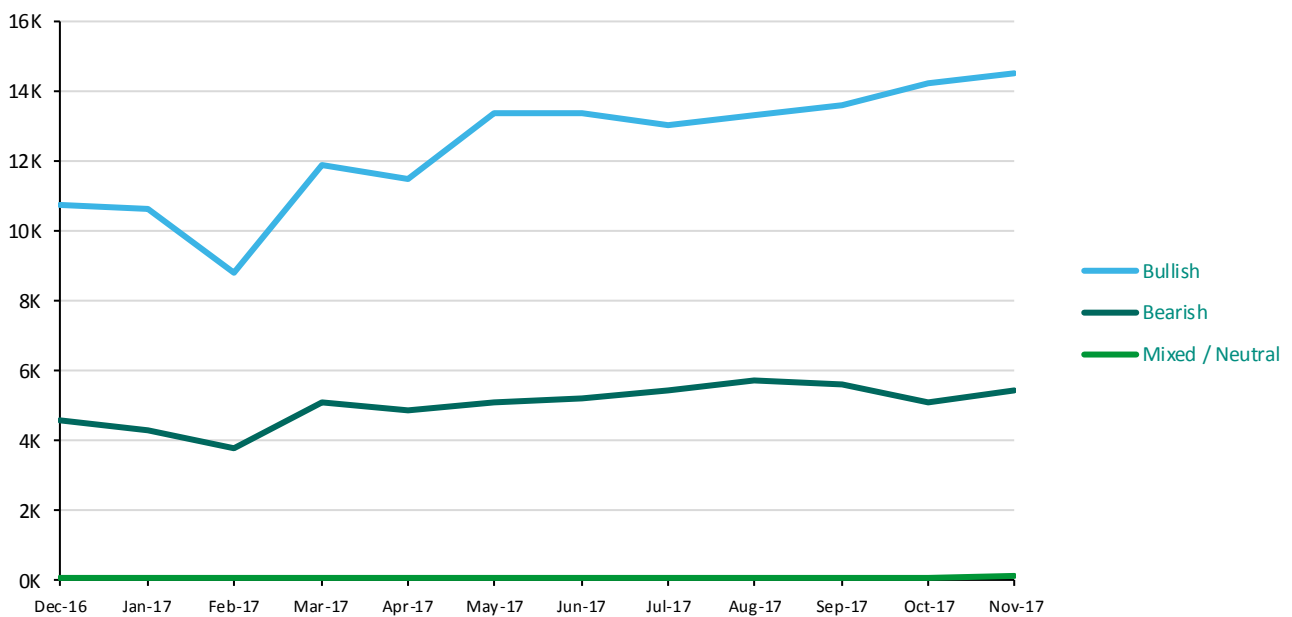
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# PRODUCT STRATEGIES

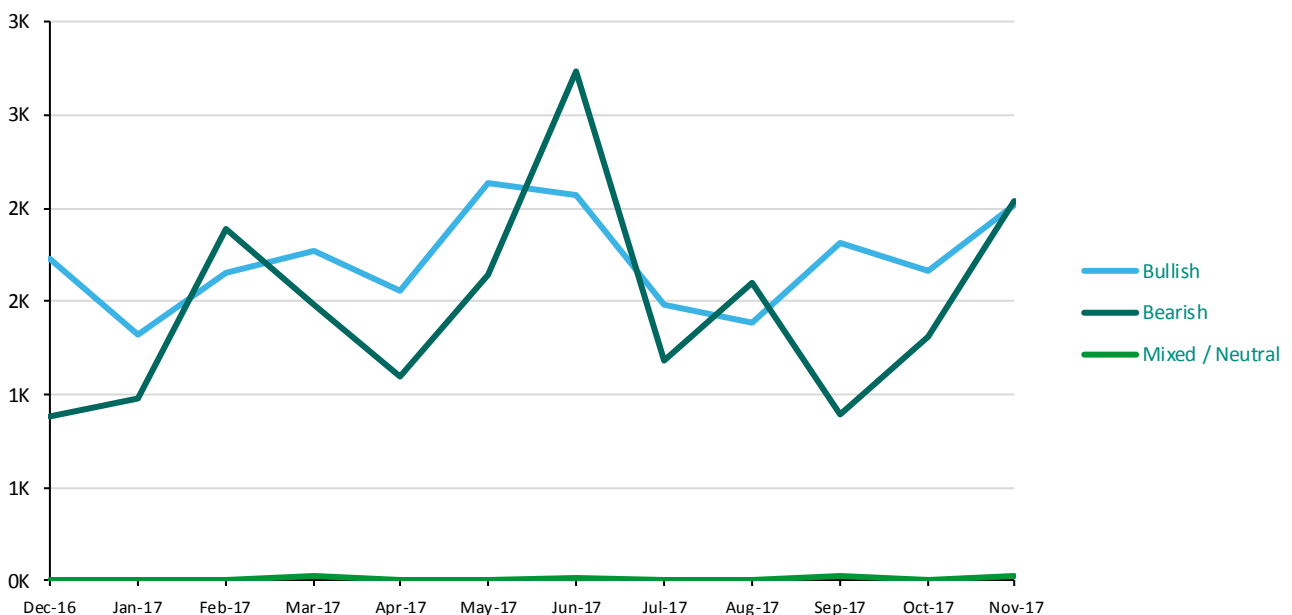
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Amsterdam.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Amsterdam.



# UNDERLYING TYPES

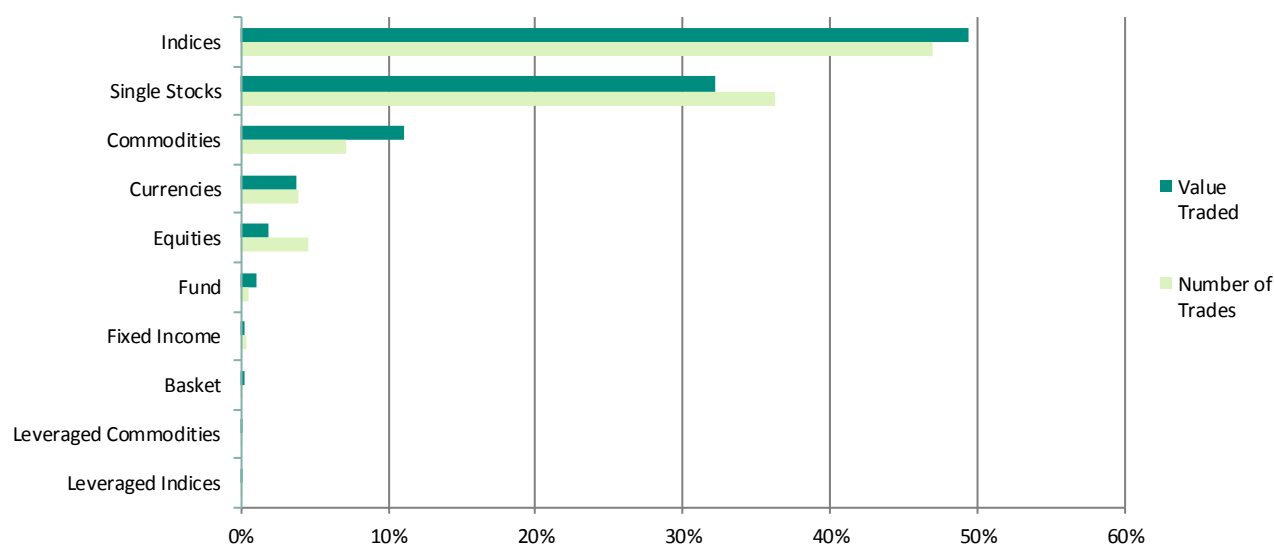
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	10,722	24%	1.8%	49.5%	2,829	38%	-6.2%	47.0%
Single Stocks	6,997	-6.7%	24%	32.3%	2,189	4.7%	13.9%	36.3%
Commodities	2,411	19.1%	14.2%	11.1%	427	-6.3%	-28%	7.1%
Currencies	815	6.6%	3.6%	3.8%	237	3.8%	8.9%	3.9%
Equities	416	492%	346%	1.9%	276	677%	392%	4.6%
Fund	230	-50%	-81%	1.1%	28	-66%	-72%	0.5%
Fixed Income	41	-57%	-61%	0.2%	22	-13.8%	-26%	0.4%
Basket	38	36%	8.0%	0.2%	3.1	-12.8%	16.3%	0.1%
Leveraged Commodities	8	511%	167%	0.0%	7.0	122%	142%	0.1%
Leveraged Indices	4	47%	-8.4%	0.0%	7.4	34%	37%	0.1%
<b>Total</b>	<b>21,682</b>	<b>10.8%</b>	<b>5.7%</b>	<b>100%</b>	<b>6,026</b>	<b>20.9%</b>	<b>1.3%</b>	<b>100%</b>

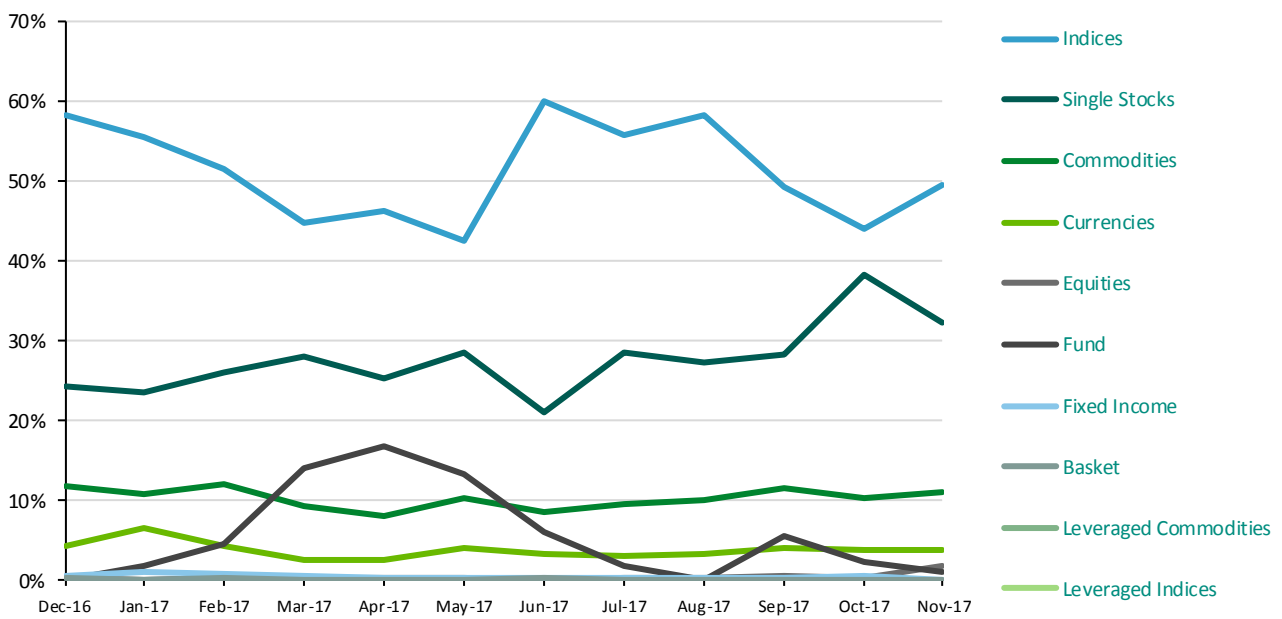
(Source Euronext)



# UNDERLYING TYPES

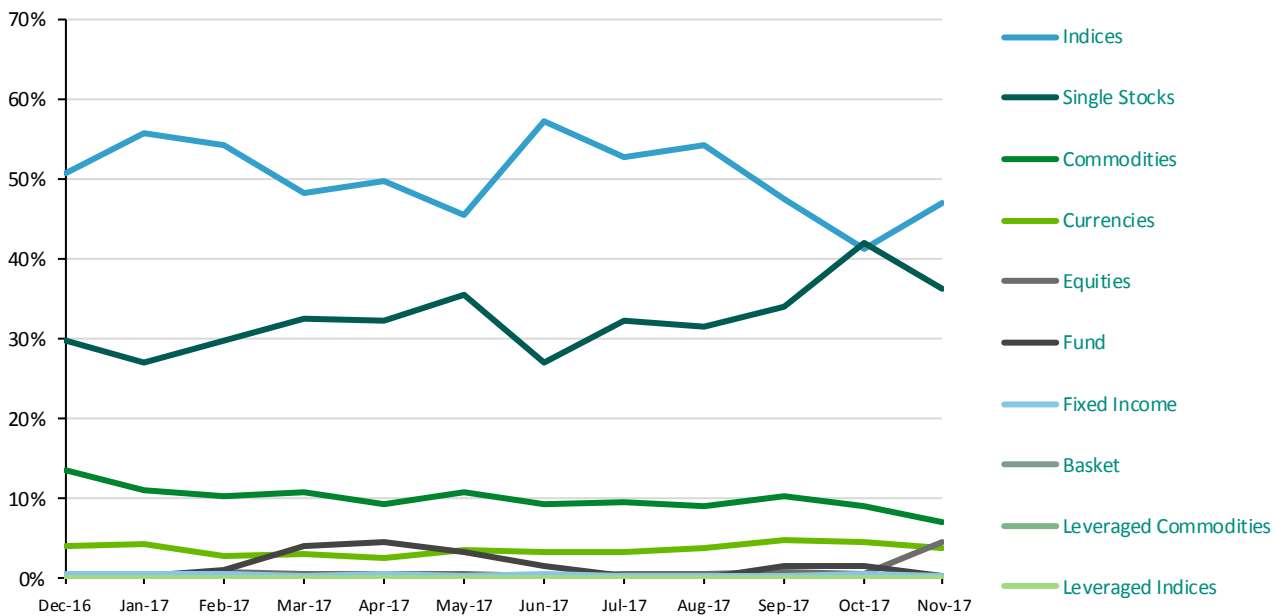
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# UNDERLYING TYPES

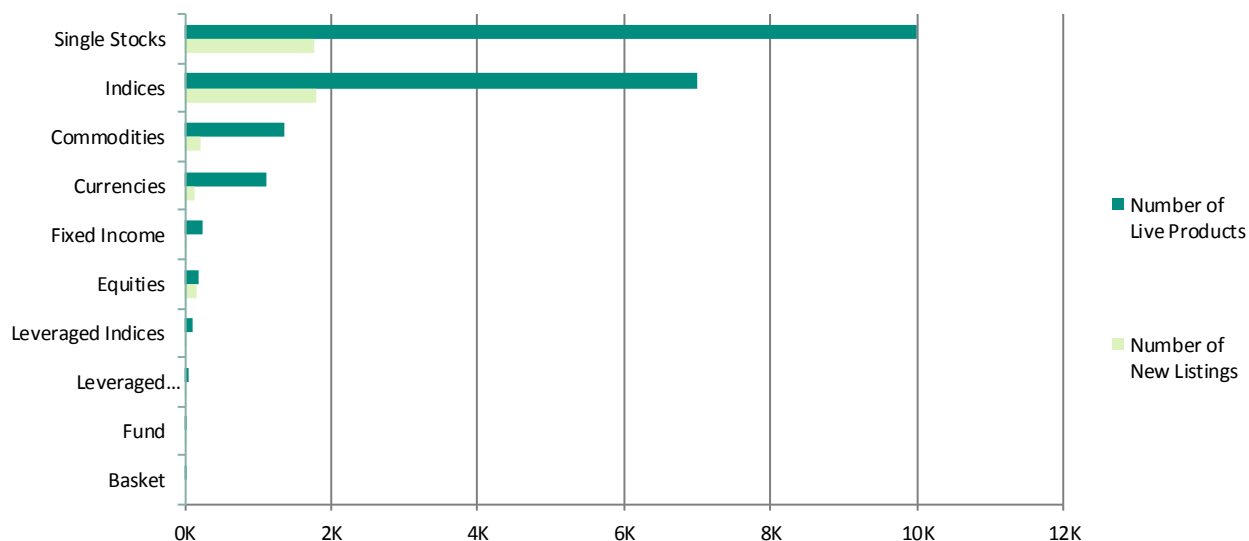
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	10,007	5.5%	12.9%	49.9%	1,753	45%	23%	43.1%
Indices	6,992	3.6%	19.1%	34.8%	1,785	28%	58%	43.9%
Commodities	1,364	4.7%	9.2%	6.8%	214	63%	-11.3%	5.3%
Currencies	1,100	-15.8%	4.9%	5.5%	137	-29%	-56%	3.4%
Fixed Income	234	0.8%	26%	1.2%	11	175%	-61%	0.3%
Equities	187	2.9%	12.9%	0.9%	158	339%	226%	3.9%
Leveraged Indices	90	0.3%	-14.0%	0.4%	7		1.2%	0.2%
Leveraged Commodities	49	1.7%	26%	0.2%	3		-29%	0.1%
Fund	27	8.7%	98%	0.1%	2	-33%	-17.2%	0.0%
Basket	16	0.0%	0.9%	0.1%	0			0.0%
<b>Total</b>	<b>20,066</b>	<b>3.2%</b>	<b>14.3%</b>	<b>100%</b>	<b>4,070</b>	<b>36.9%</b>	<b>27.2%</b>	<b>100%</b>

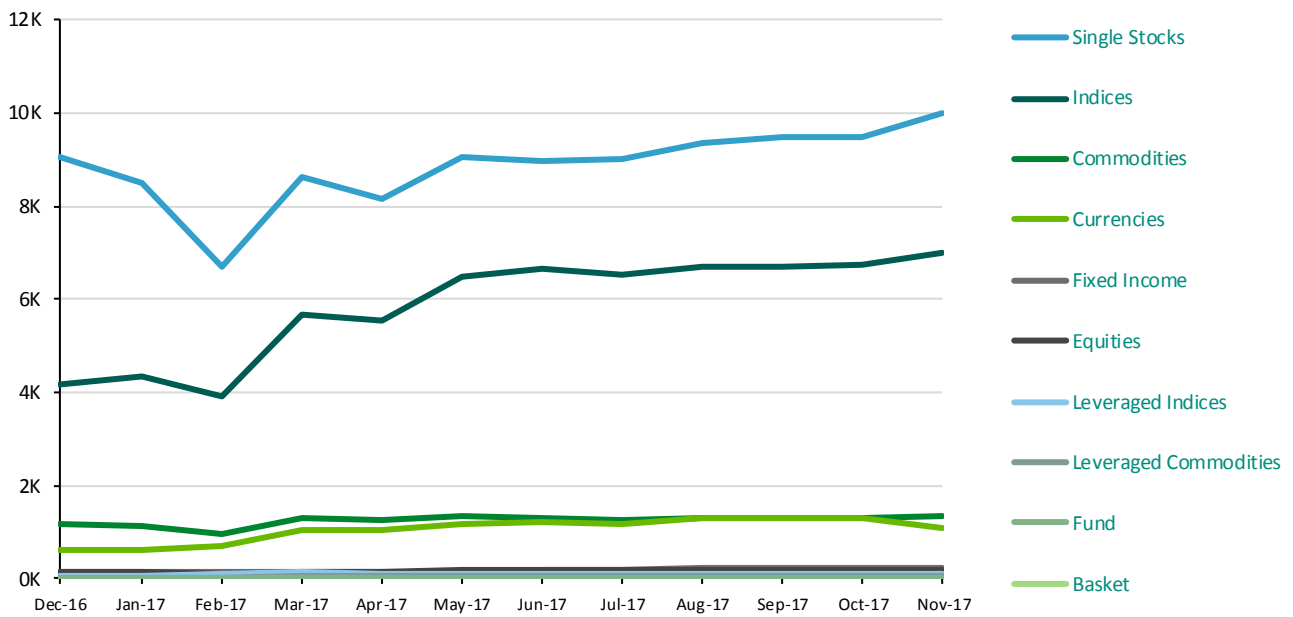
(Source Euronext)



# UNDERLYING TYPES

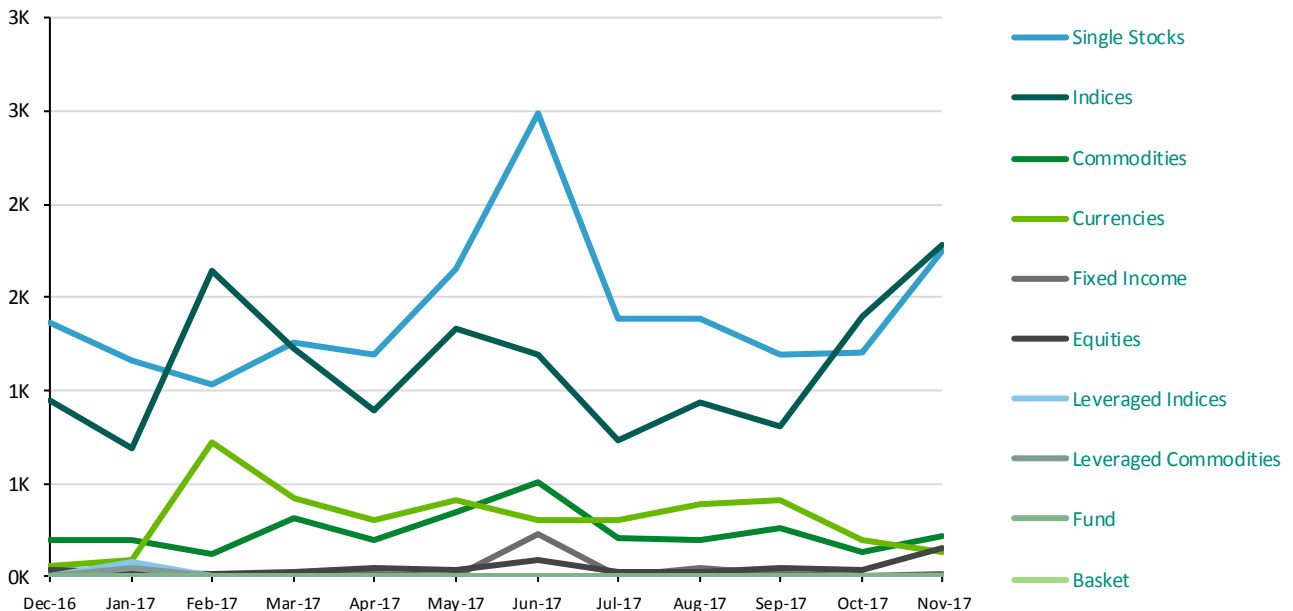
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euronext Amsterdam.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euronext Amsterdam.





# TOP 10 UNDERLYING COUNTRIES

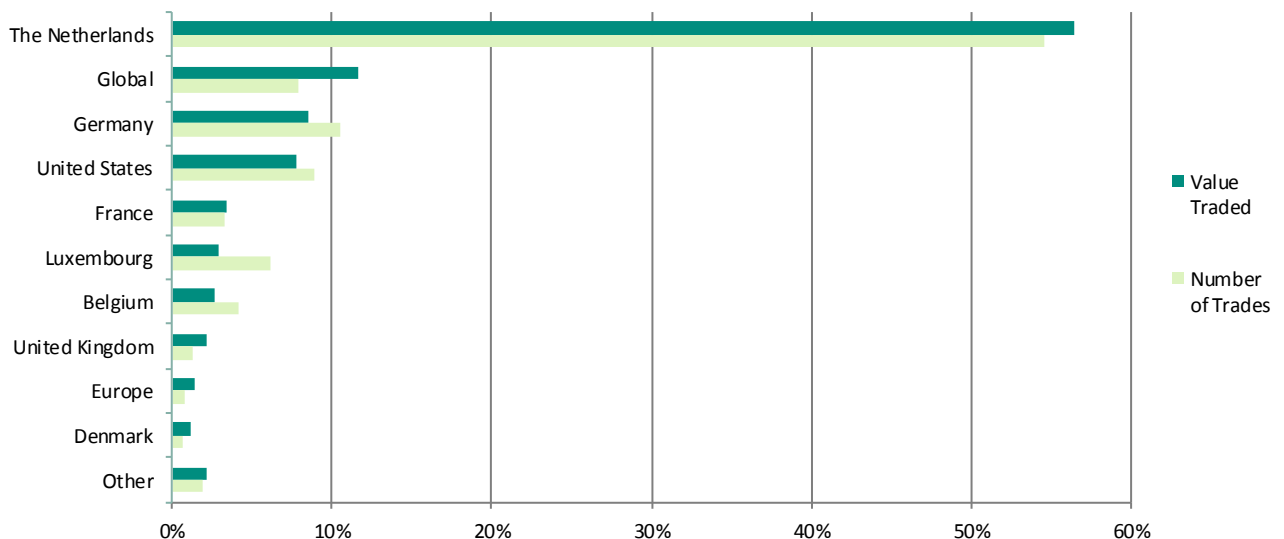
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	12,240	11.9%	9.9%	56.5%	3,289	22%	0.5%	54.6%
Global	2,533	18.4%	12.3%	11.7%	476	-6.4%	-27%	7.9%
Germany	1,834	16.7%	5.8%	8.5%	636	48%	3.6%	10.6%
United States	1,691	3.7%	-0.4%	7.8%	532	7.0%	-0.2%	8.8%
France	727	48%	53%	3.4%	198	26%	24%	3.3%
Luxembourg	616	17.0%	15.9%	2.8%	372	171%	86%	6.2%
Belgium	566	17.6%	11.5%	2.6%	248	13.5%	12.4%	4.1%
United Kingdom	458	-42%	8.9%	2.1%	75	-36%	-6.3%	1.2%
Europe	312	-40%	-77%	1.4%	49	-48%	-61%	0.8%
Denmark	253	173%		1.2%	40	135%		0.7%
Other	453	19.6%	22%	2.1%	111	-3.4%	23%	1.8%
<b>Total</b>	<b>21,682</b>	<b>10.8%</b>	<b>5.7%</b>	<b>100%</b>	<b>6,026</b>	<b>20.9%</b>	<b>1.3%</b>	<b>100%</b>

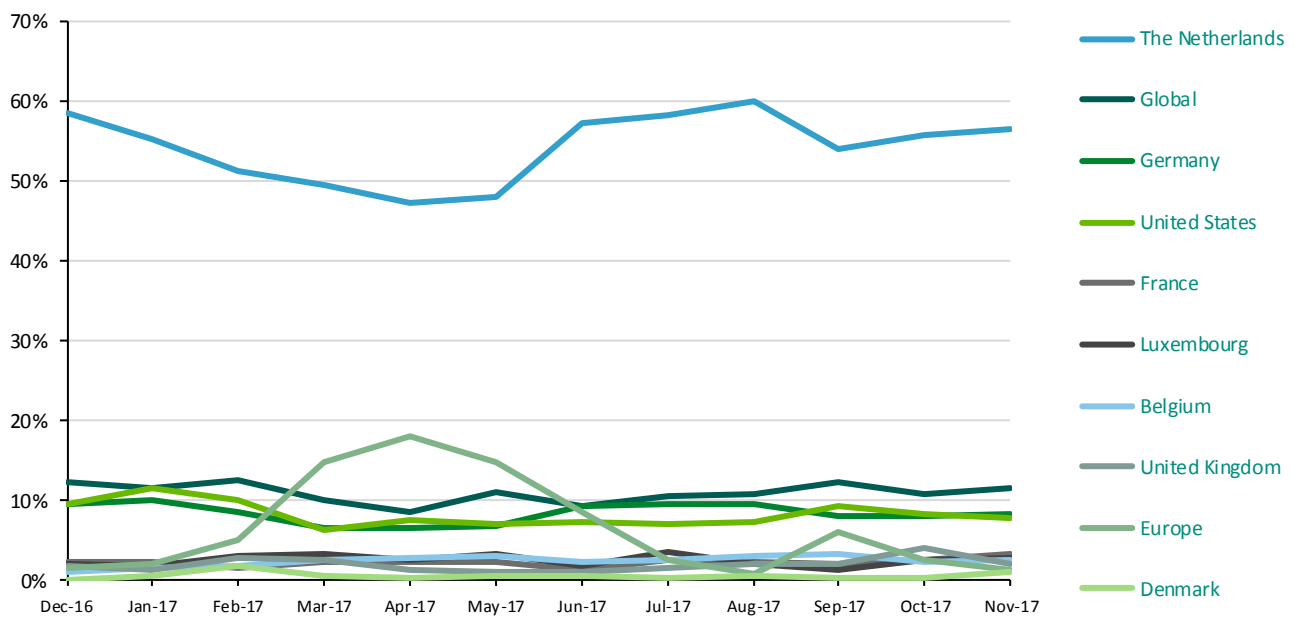
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

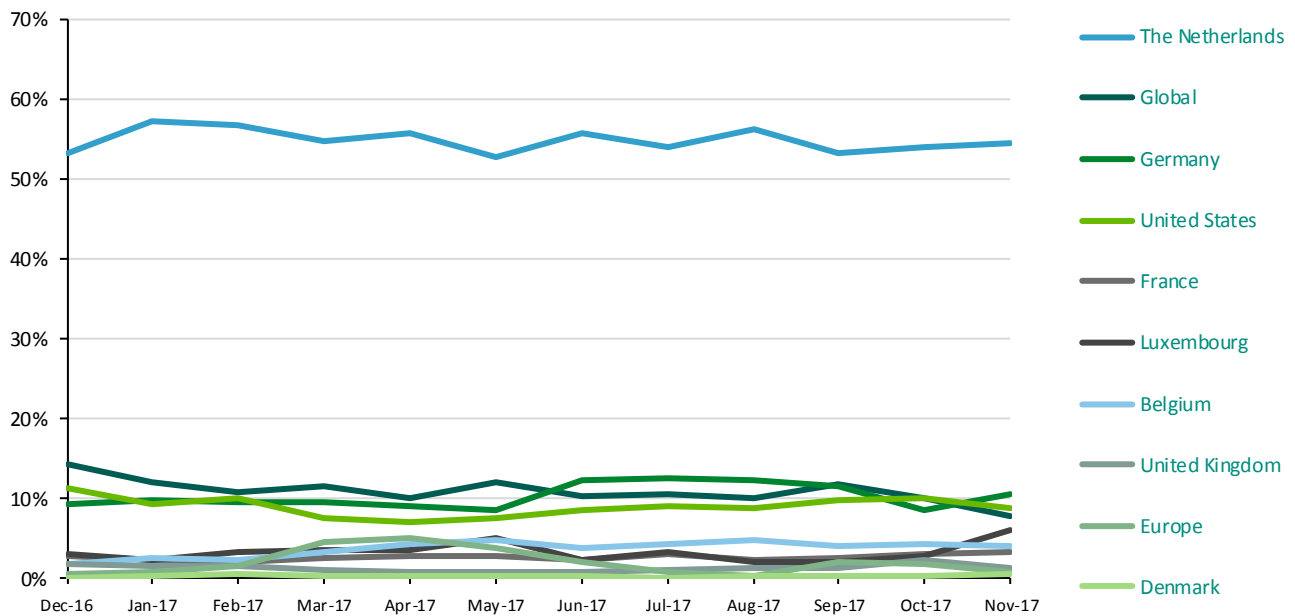
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

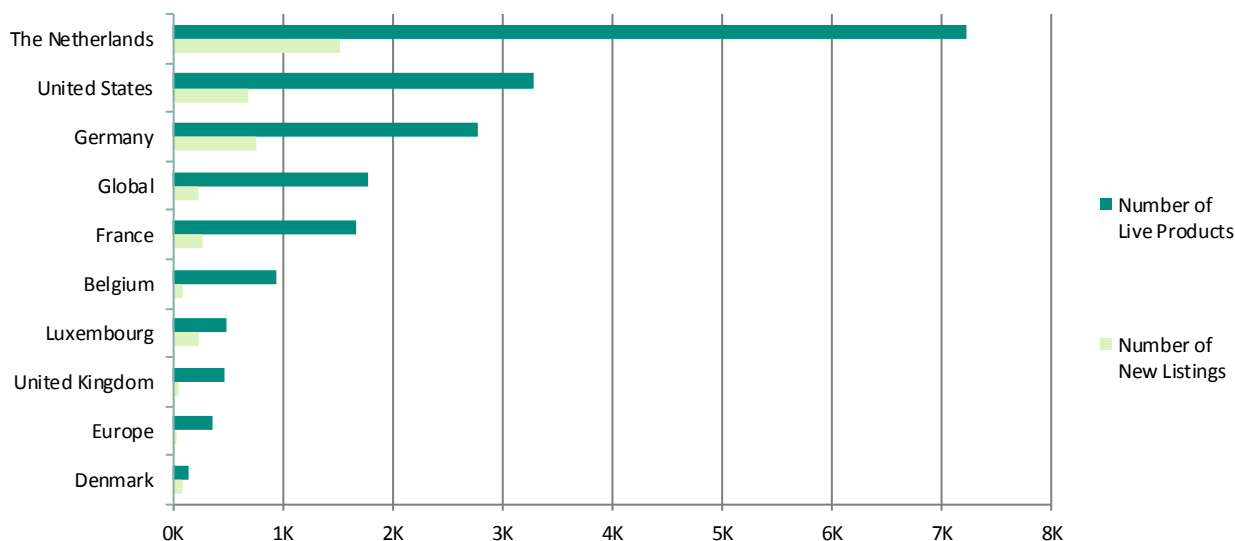
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
The Netherlands	7,230	8.1%	23%	36.0%	1,516	23%	41%	37.2%
United States	3,282	-7.0%	4.1%	16.4%	688	33%	23%	16.9%
Germany	2,784	12.0%	20%	13.9%	765	65%	57%	18.8%
Global	1,768	-2.4%	4.6%	8.8%	231	11.6%	-37%	5.7%
France	1,672	-0.7%	9.4%	8.3%	260	26%	-8.3%	6.4%
Belgium	945	2.8%	15.1%	4.7%	89	1.1%	-19.5%	2.2%
Luxembourg	489	5.2%	11.1%	2.4%	240	118%	110%	5.9%
United Kingdom	476	3.4%	2.2%	2.4%	54	59%	0.9%	1.3%
Europe	367	2.5%	12.3%	1.8%	28	12.0%	-12.3%	0.7%
Denmark	146	5.5%	37%	0.7%	84	425%	168%	2.1%
Other	907	1.4%	8.9%	4.5%	115	53%	34%	2.8%
<b>Total</b>	<b>20,066</b>	<b>3.2%</b>	<b>14.3%</b>	<b>100%</b>	<b>4,070</b>	<b>36.9%</b>	<b>27.2%</b>	<b>100%</b>

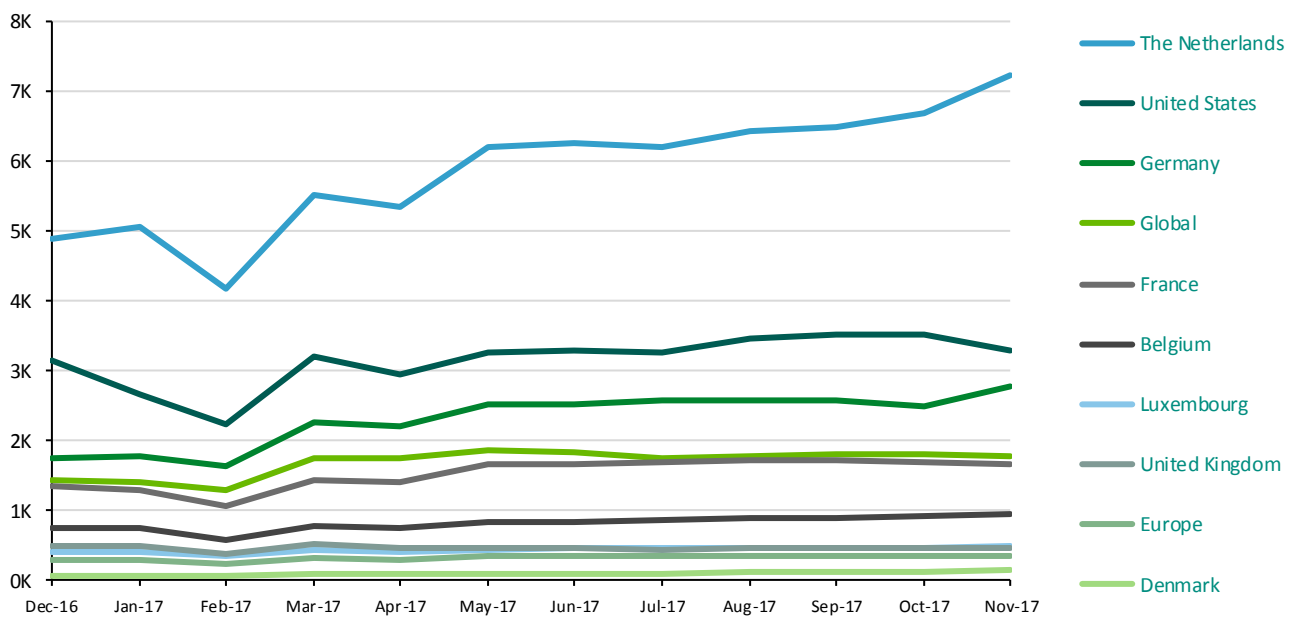
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

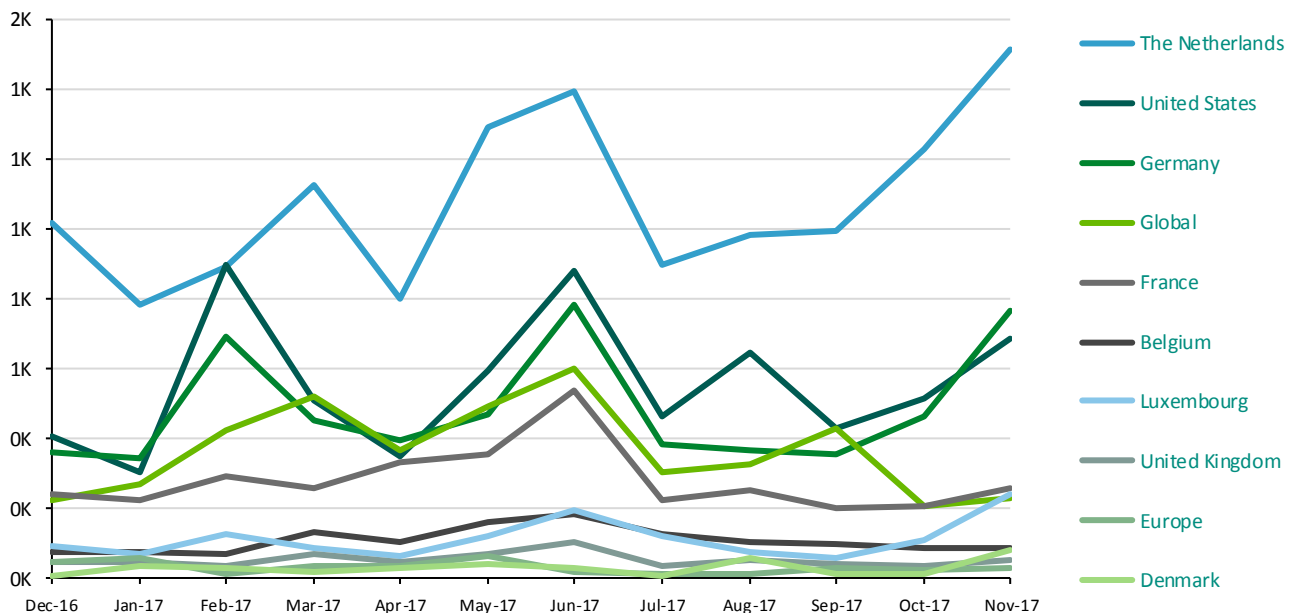
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euronext Amsterdam.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euronext Amsterdam.



# TOP 10 UNDERLYINGS

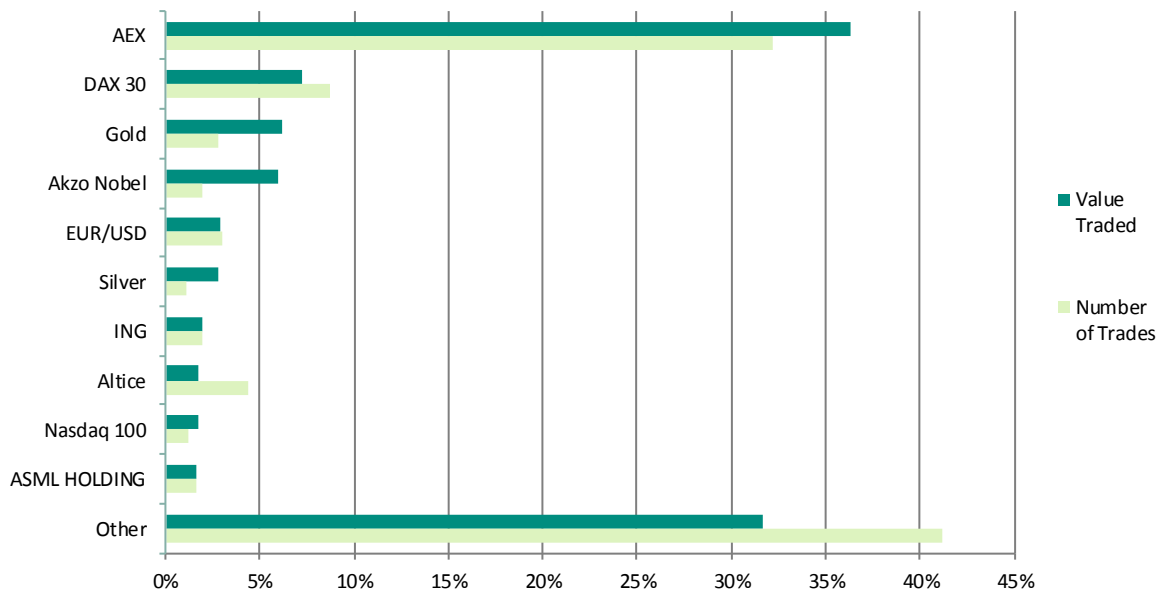
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	7,864	27%	0.6%	36.3%	1,939	38%	-9.0%	32.2%
DAX 30	1,560	23%	10.6%	7.2%	523	64%	7.7%	8.7%
Gold	1,335	10.6%	25%	6.2%	169	5.5%	-10.9%	2.8%
Akzo Nobel	1,288	-12.3%	267%	5.9%	118	216%	142%	2.0%
EUR/USD	622	-7.5%	-10.1%	2.9%	182	-3.5%	2.7%	3.0%
Silver	606	144%	111%	2.8%	67	9.1%	-36%	1.1%
ING	429	18.4%	-12.0%	2.0%	119	50%	8.7%	2.0%
Altice	388	687%	472%	1.8%	262	NA	579%	4.3%
Nasdaq 100	368	85%	104%	1.7%	71	44%	44%	1.2%
ASML HOLDING	349	-11.4%	23%	1.6%	96	-5.4%	49%	1.6%
Other	6,874	-8.5%	-12.6%	31.7%	2,480	-3.0%	-2.7%	41.2%
Total	21,682	10.8%	5.7%	100%	6,026	20.9%	1.3%	100%

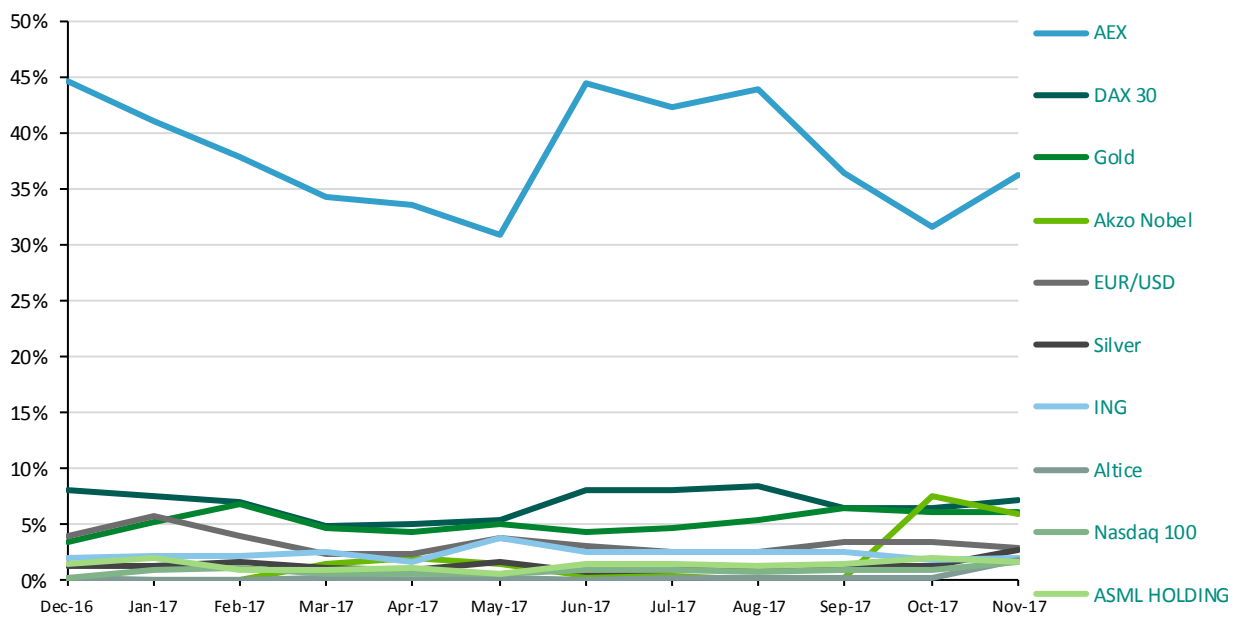
(Source Euronext)



# TOP 10 UNDERLYINGS

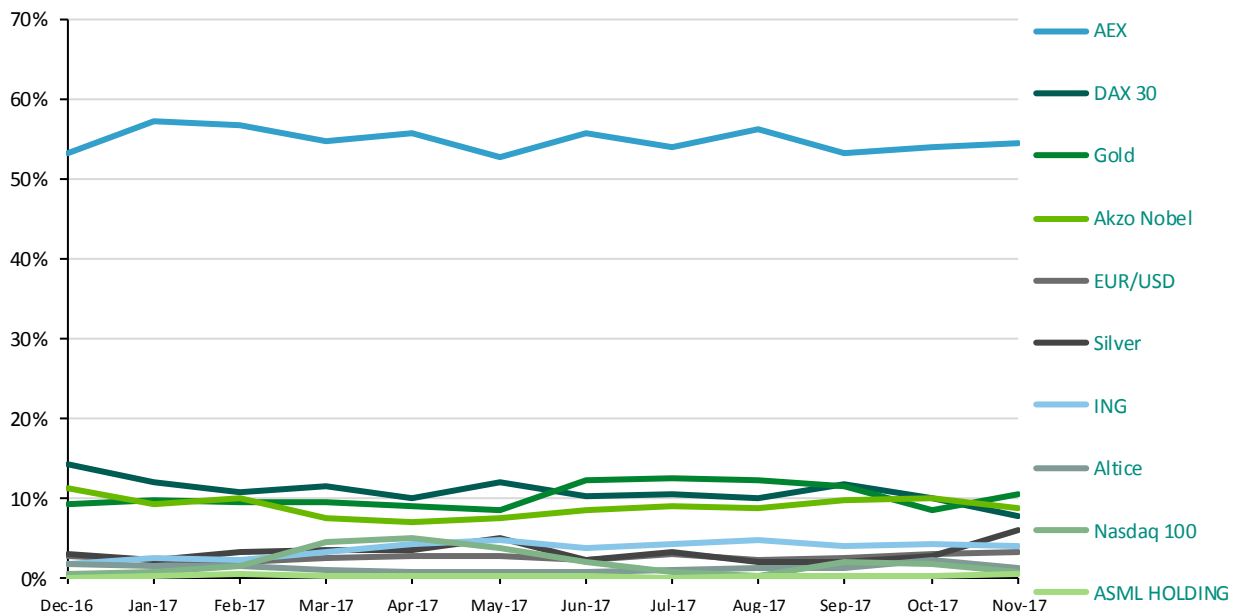
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euronext Amsterdam.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euronext Amsterdam.



# TOP 10 UNDERLYINGS

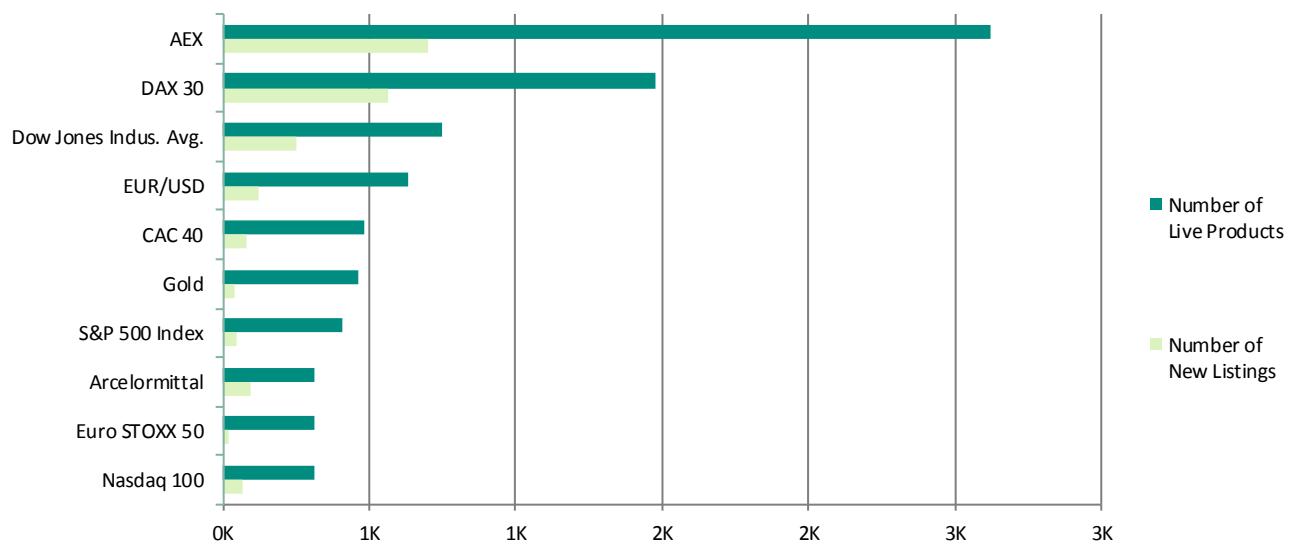
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
AEX	2,620	10.6%	28%	13.1%	698	12.2%	54%	17.1%
DAX 30	1,477	13.7%	26%	7.4%	561	81%	79%	13.8%
Dow Jones Indus. Avg.	747	-25%	-4.7%	3.7%	251	-1.2%	81%	6.2%
EUR/USD	635	1.1%	34%	3.2%	123	132%	-1.4%	3.0%
CAC 40	480	-5.4%	17.4%	2.4%	80	1.3%	-7.0%	2.0%
Gold	463	7.6%	20%	2.3%	41	41%	-33%	1.0%
S&P 500 Index	404	4.7%	14.2%	2.0%	47	21%	25%	1.2%
Arcelormittal	309	9.4%	20%	1.5%	92	10.8%	25%	2.3%
Euro STOXX 50	309	1.8%	7.5%	1.5%	21	50%	-7.7%	0.5%
Nasdaq 100	309	12.5%	28%	1.5%	68	106%	63%	1.7%
Other	12,314	2.9%	10.5%	61.4%	2,088	43%	13.0%	51.3%
Total	20,066	3.2%	14.3%	100%	4,070	36.9%	27.2%	100%

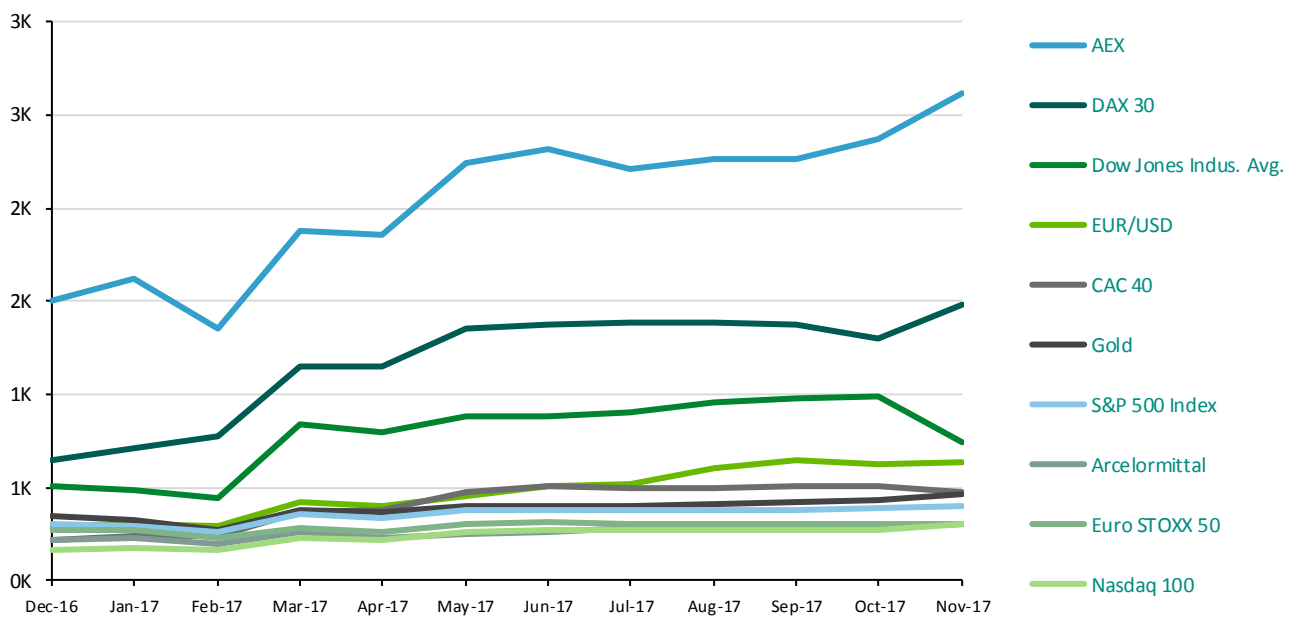
(Source Euronext)



# TOP 10 UNDERLYINGS

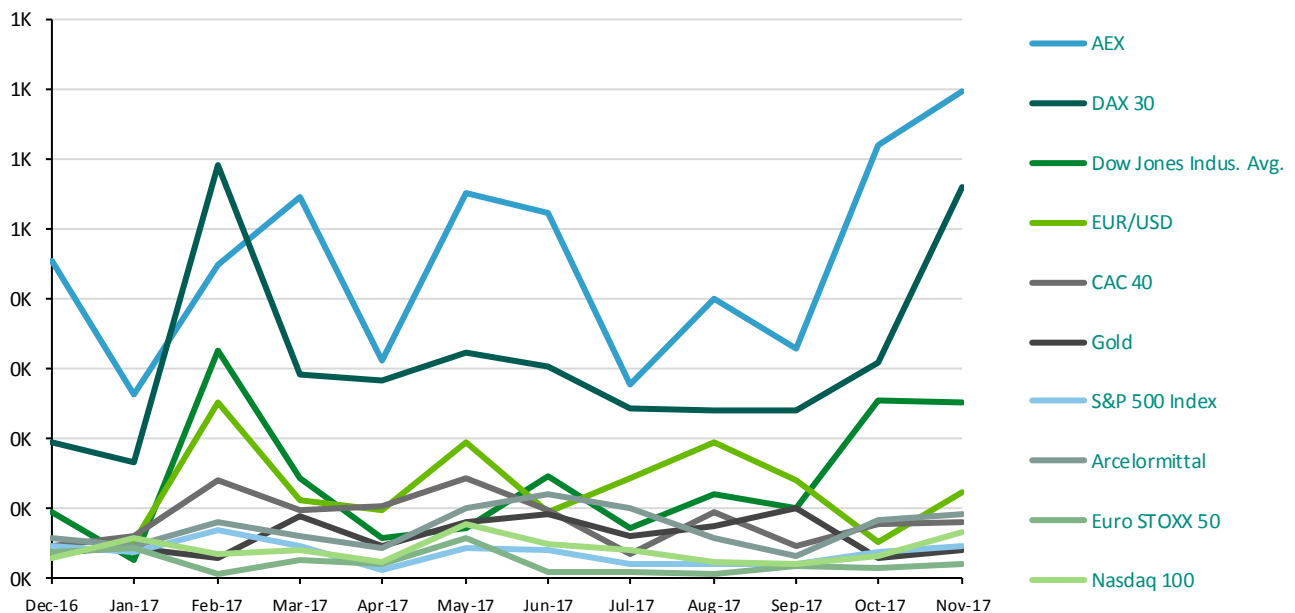
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext Amsterdam.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euronext Amsterdam.





# 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.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NL0012488647	BNP Paribas	2210   Mini-Futures	Gold	29,362	564
NL0011642707	BNP Paribas	2210   Mini-Futures	Silver	19,408	104
NL0010087672	ING	2210   Mini-Futures	Akzo Nobel	18,694	790
NL0012500789	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	13,072	1,552
NL0010528501	ING	2210   Mini-Futures	Akzo Nobel	8,905	784
DE000VL2FM21	Vontobel	2205   Open-End Knock-Out Warrants	AEX	8,891	3,892
NL0012265557	BNP Paribas	2205   Open-End Knock-Out Warrants	Nasdaq 100	8,120	416
NL0012494736	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	7,746	3,980
NL0010939047	ING	2210   Mini-Futures	Akzo Nobel	6,711	774
NL0012501043	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	6,239	2,284
NL0012503981	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	6,187	1,070
DE000CY510V3	Citi	2200   Knock-Out Warrants	AEX	5,836	1,860
NL0010085577	ING	2210   Mini-Futures	Akzo Nobel	5,367	280
NL0012530406	Goldman Sachs	2205   Open-End Knock-Out Warrants	EUR/USD	5,304	430
NL0012375265	ING	2100   Warrants	Euro STOXX 50 ETFs	5,285	478
NL0012511836	BNP Paribas	2210   Mini-Futures	AEX	5,208	182
NL0010216354	ING	2210   Mini-Futures	Akzo Nobel	5,080	750
NL0012526685	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	4,542	1,960
NL0012523146	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	4,524	84
DE000CE6EVK5	Commerzbank	2205   Open-End Knock-Out Warrants	ING	4,508	1,520
NL0011624648	ING	2210   Mini-Futures	Akzo Nobel	4,431	60
NL0012264717	BNP Paribas	2210   Mini-Futures	AEX	3,909	424
NL0012510895	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	3,709	628
NL0012503940	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	3,695	556
DE000CE6FAA7	Commerzbank	2205   Open-End Knock-Out Warrants	DAX 30	3,643	1,334
NL0012512446	BNP Paribas	2210   Mini-Futures	AEX	3,547	114
NL0012497630	BNP Paribas	2210   Mini-Futures	Gold	3,450	114
NL0012510564	BNP Paribas	2210   Mini-Futures	AEX	3,375	124
NL0012529994	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	3,234	184
NL0012526651	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	3,072	1,154
NL0012505168	BNP Paribas	2210   Mini-Futures	Gold	2,948	48
NL0012500581	BNP Paribas	2205   Open-End Knock-Out Warrants	Gemalto	2,903	666
NL0012504096	BNP Paribas	2205   Open-End Knock-Out Warrants	ASML HOLDING	2,857	376
NL0012510796	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2,851	1,018
NL0012489694	BNP Paribas	2205   Open-End Knock-Out Warrants	Gold	2,811	940
NL0012500771	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2,808	890
NL0012527535	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	2,801	134
NL0012541007	Goldman Sachs	2205   Open-End Knock-Out Warrants	DAX 30	2,748	482
NL0012508873	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2,718	346
NL0012524011	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	2,689	58
NL0012068340	ING	2205   Open-End Knock-Out Warrants	AEX	2,668	1,290
NL0009766021	ING	2210   Mini-Futures	GDF Suez	2,606	56
NL0012505218	BNP Paribas	2210   Mini-Futures	AEX	2,589	118
DE000CY16WV7	Citi	2205   Open-End Knock-Out Warrants	ING	2,531	552
NL0012534762	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	2,481	120
NL0012439236	Goldman Sachs	2210   Mini-Futures	AEX	2,443	288
NL0012499115	BNP Paribas	2210   Mini-Futures	AEX	2,413	234
NL0012510556	BNP Paribas	2210   Mini-Futures	AEX	2,405	54
NL0012436950	Goldman Sachs	2210   Mini-Futures	AEX	2,396	196
NL0012507693	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2,384	264

(Source Euronext)



Euronext Brussels

# ISSUERS

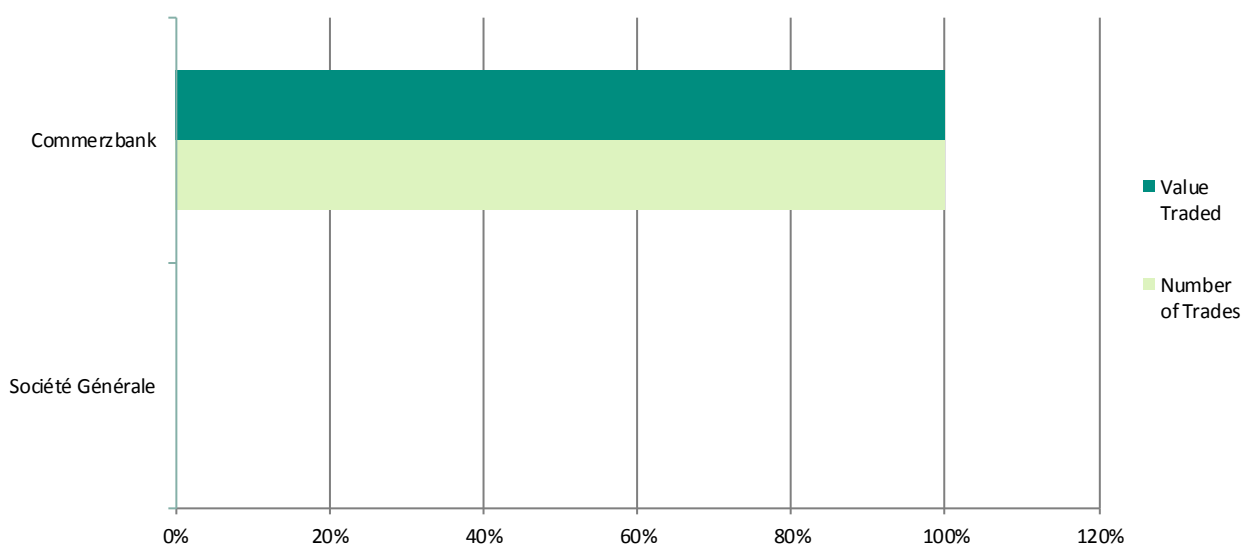
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Commerzbank	317	19.0%	1.5%	100.0%	188	36.2%	42.5%	100.0%
Société Générale	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	317	9.7%	-0.6%	100%	188	34.7%	41.6%	100%

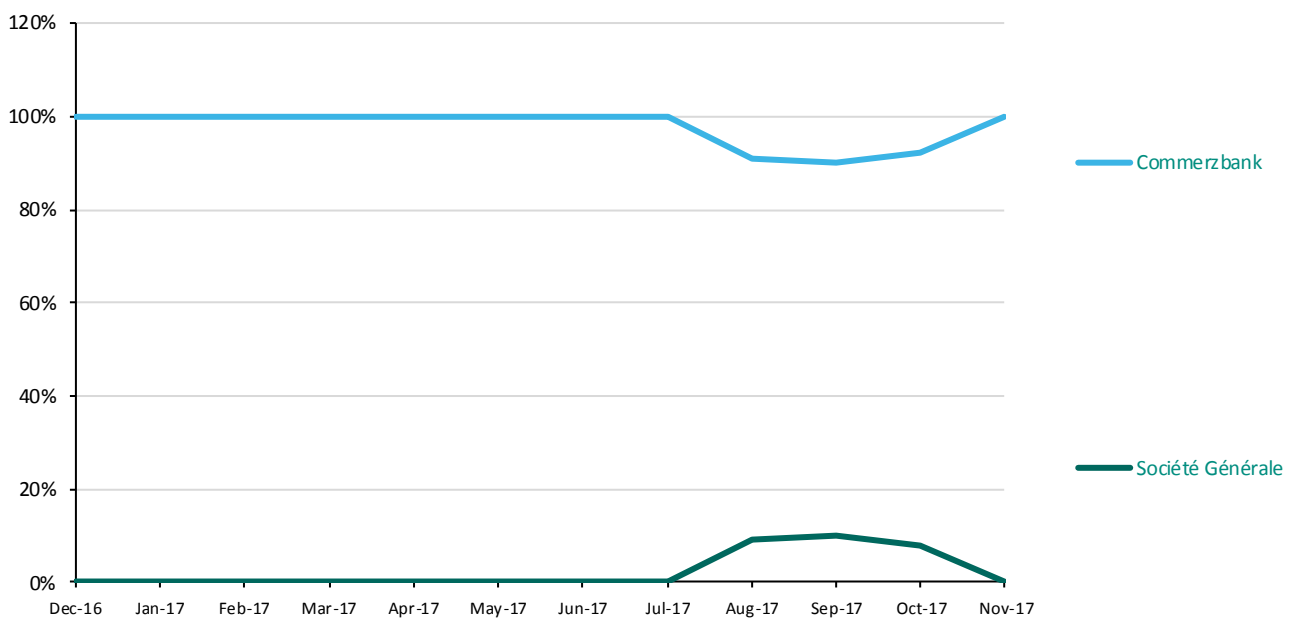
(Source Euronext)



# ISSUERS

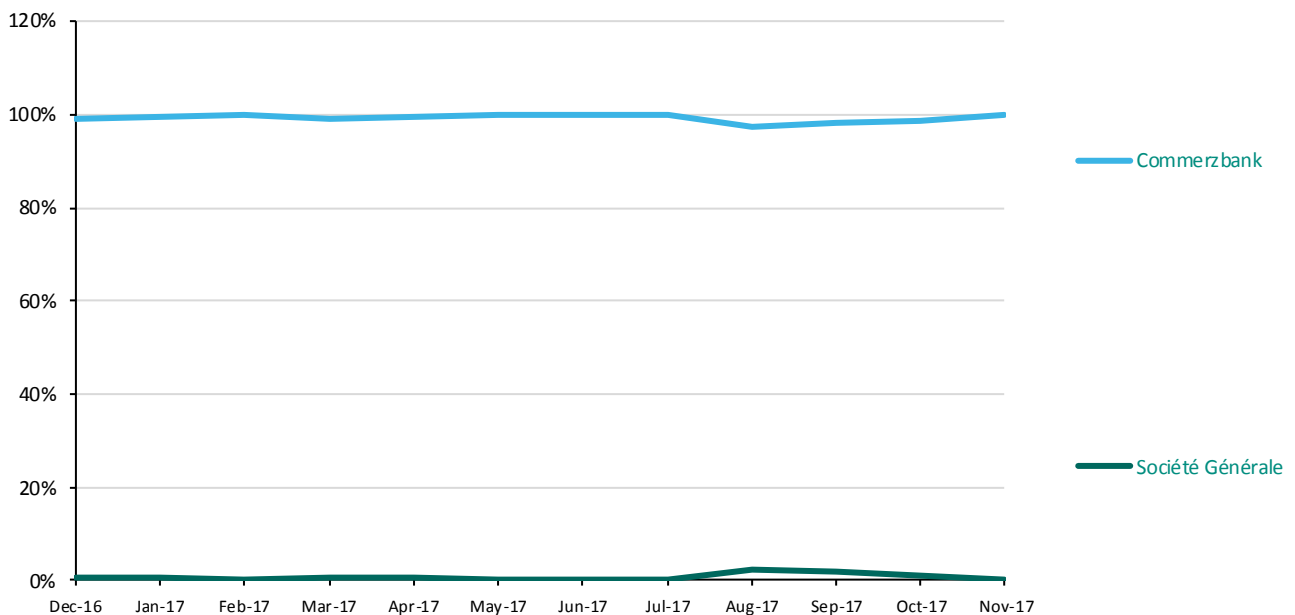
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

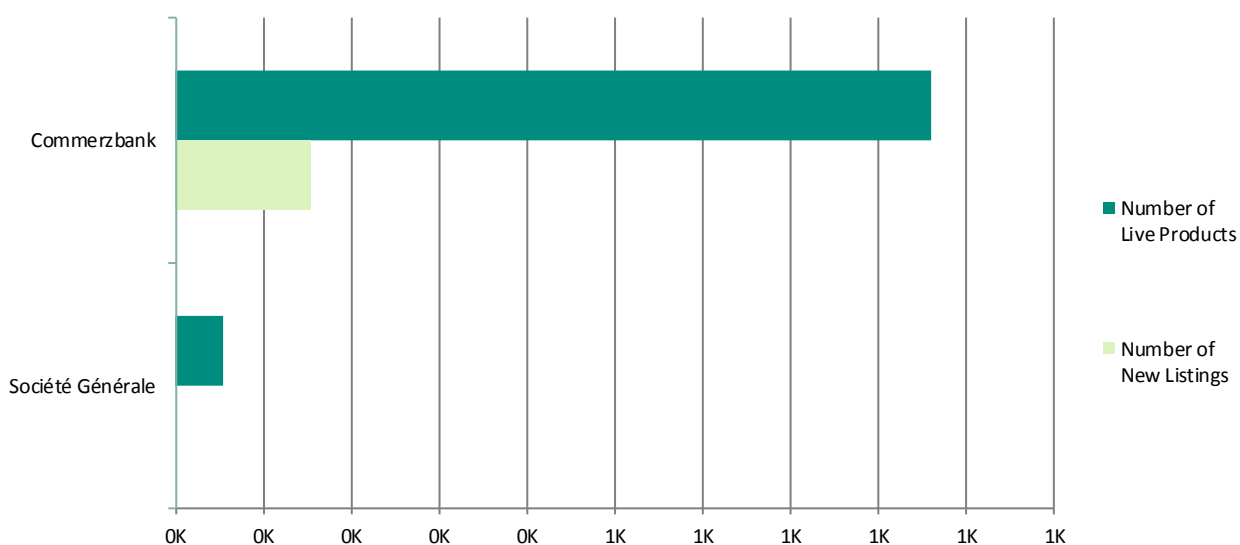
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	861	1.3%	11.3%	94.0%	155	131%	60%	99.4%
Société Générale	55	0.5%	-14.6%	6.0%	0	-100%		0.0%
Total	916	1.2%	9.3%	100%	156	129.4%	52.3%	100%

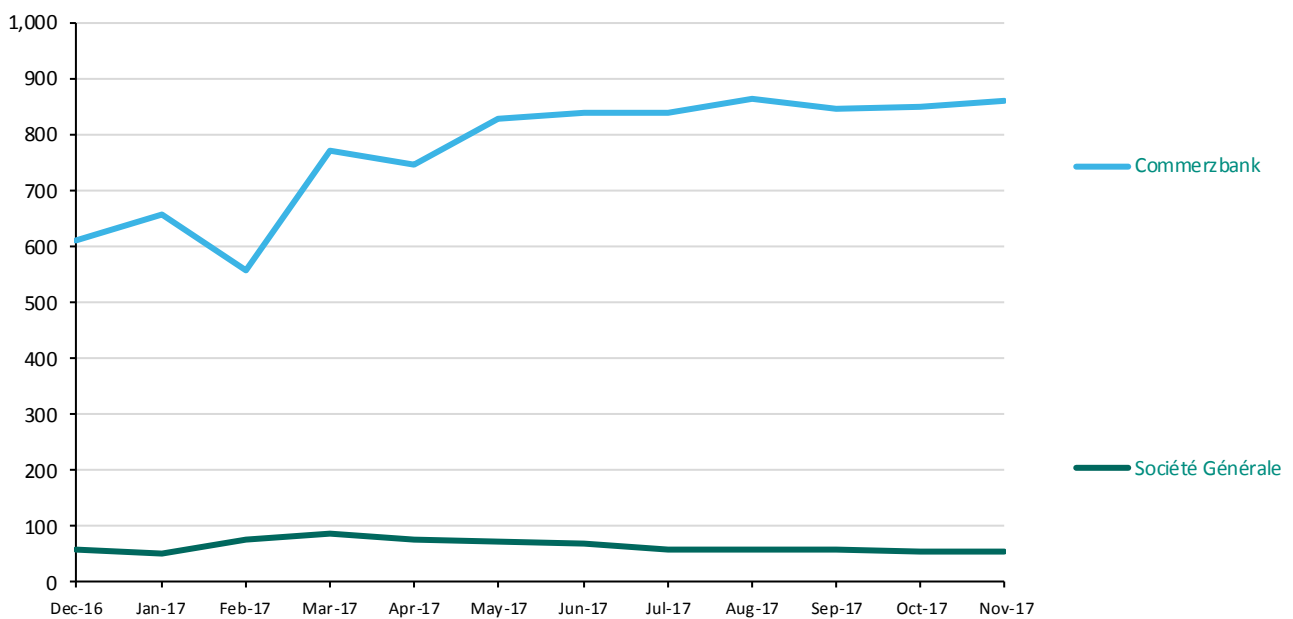
(Source Euronext)



# ISSUERS

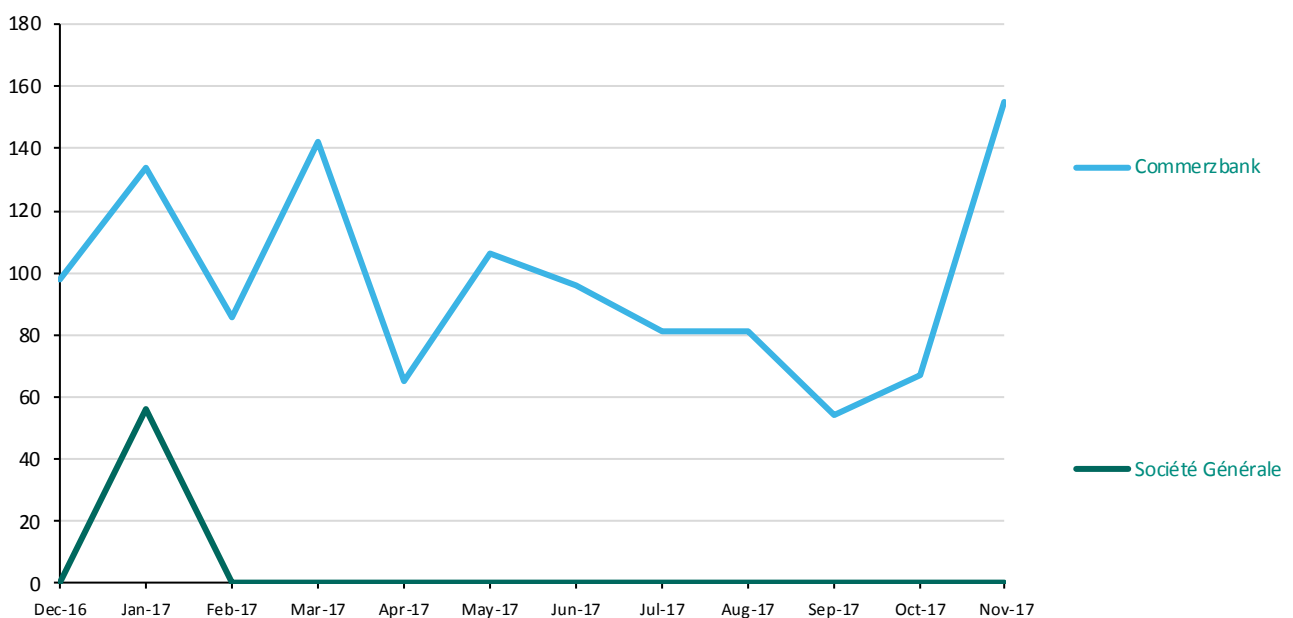
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euronext Brussels.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euronext Brussels.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

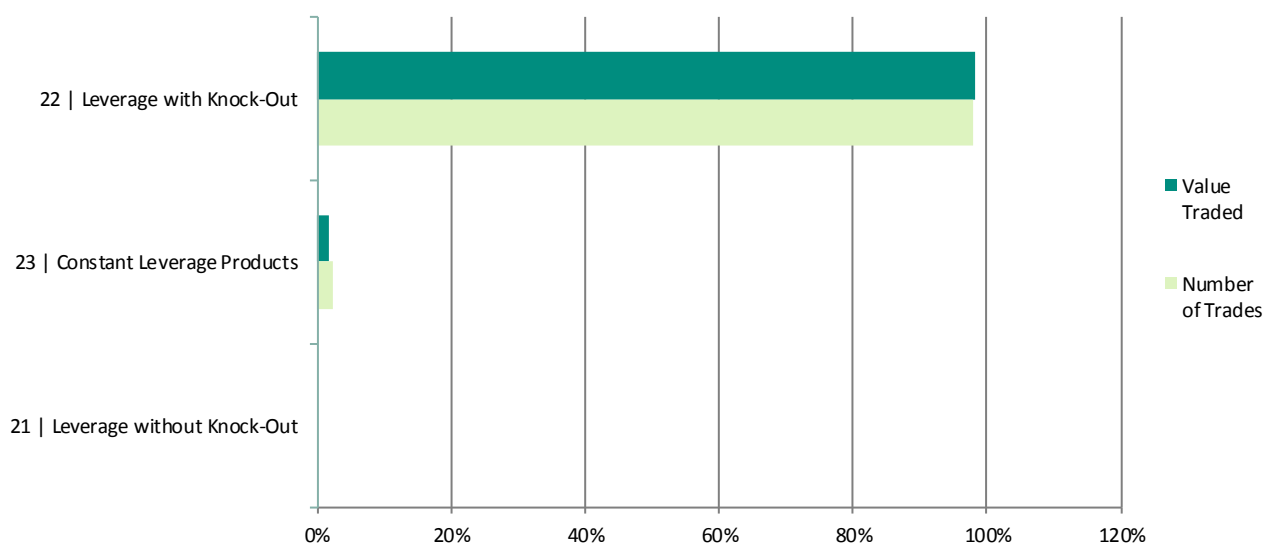
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product type (EUSIPA<sup>1</sup> categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Brussels.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	311	11.6%	1.8%	98.2%	184	35%	43%	97.8%
23   Constant Leverage Products	6	-44%	-57%	1.8%	4.1	38%	-10.9%	2.2%
21   Leverage without Knock-Out	0			0.0%	0.0			0.0%
<b>Total</b>	<b>317</b>	<b>9.7%</b>	<b>-0.6%</b>	<b>100%</b>	<b>188</b>	<b>34.7%</b>	<b>41.6%</b>	<b>100%</b>

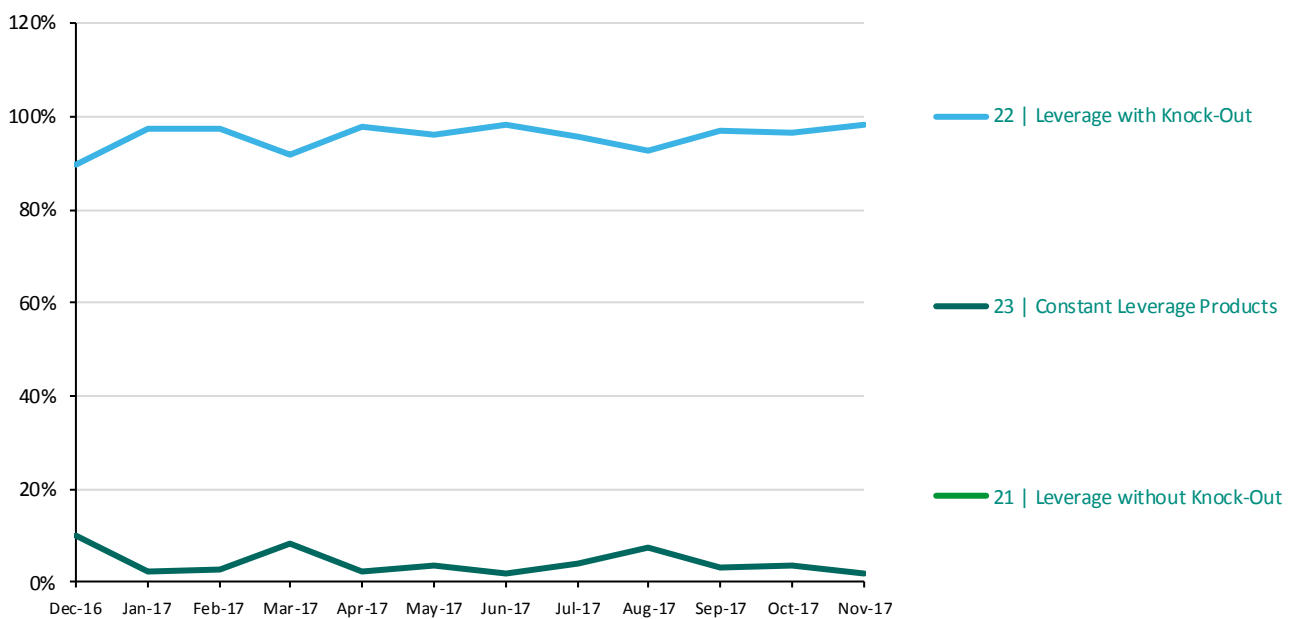
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

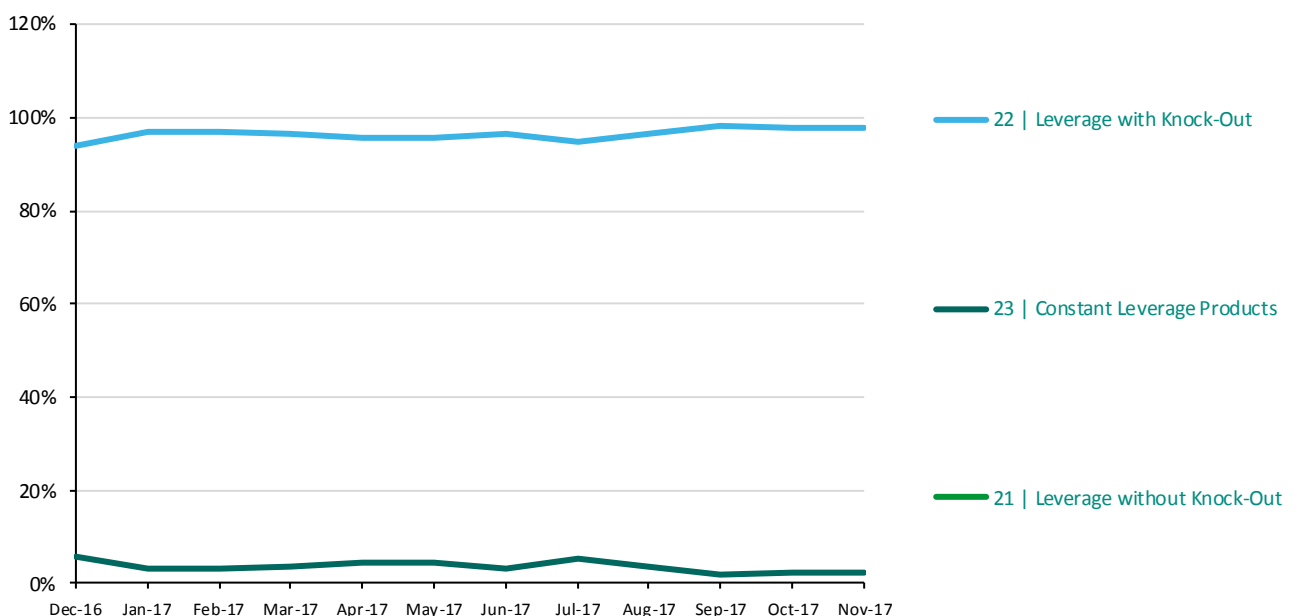
## Market Trend: Value traded

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



## Market Trend: Number of trades

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





# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

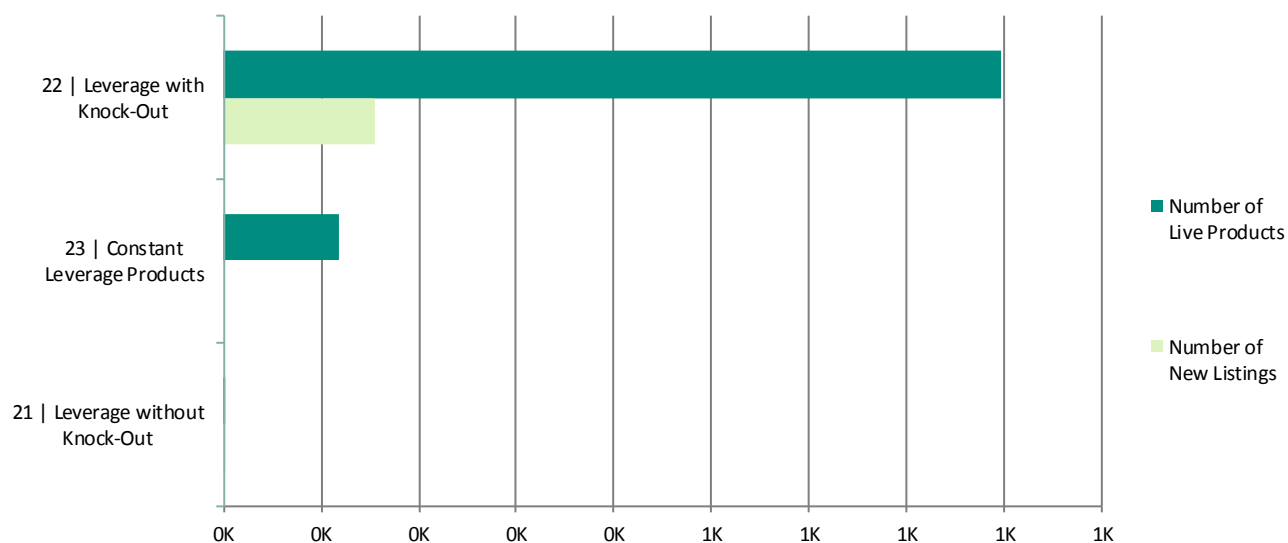
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product type (EUSIPA<sup>1</sup> categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	797	1.6%	13.0%	87.0%	155	131%	66%	99.4%
23   Constant Leverage Products	118	-1.3%	-10.4%	12.8%	0		-100%	0.0%
21   Leverage without Knock-Out	1	-4.5%	-2.1%	0.1%	1	0.0%	50%	0.6%
<b>Total</b>	<b>916</b>	<b>1.2%</b>	<b>9.3%</b>	<b>100%</b>	<b>156</b>	<b>129.4%</b>	<b>52.3%</b>	<b>100%</b>

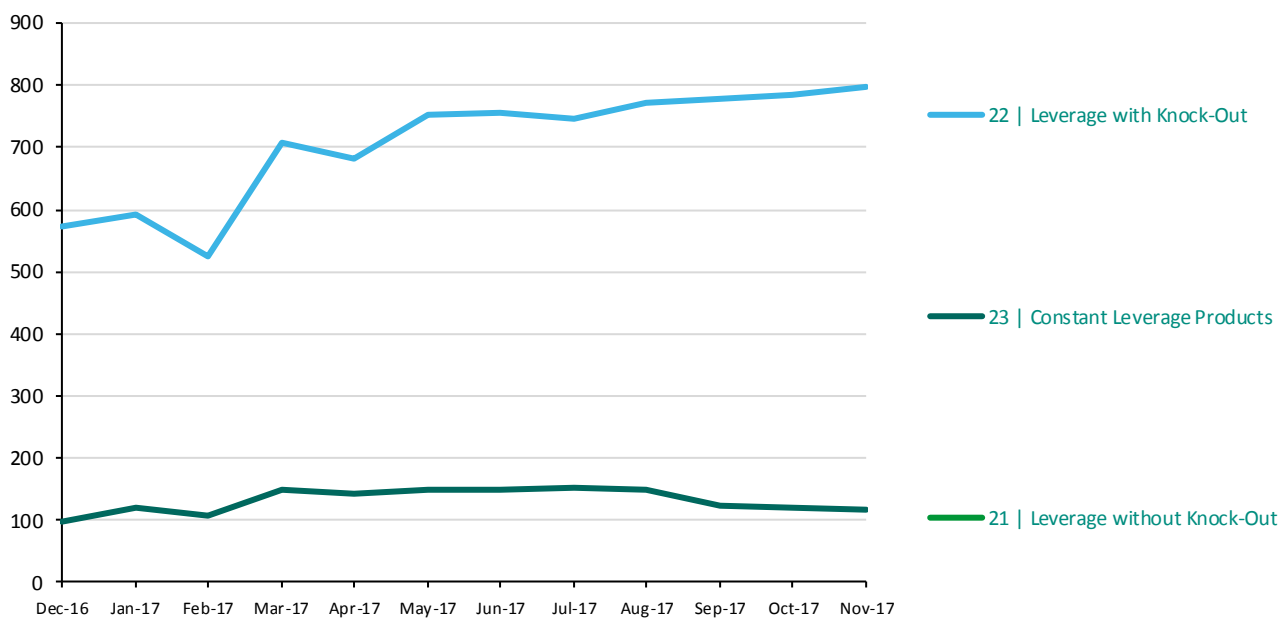
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

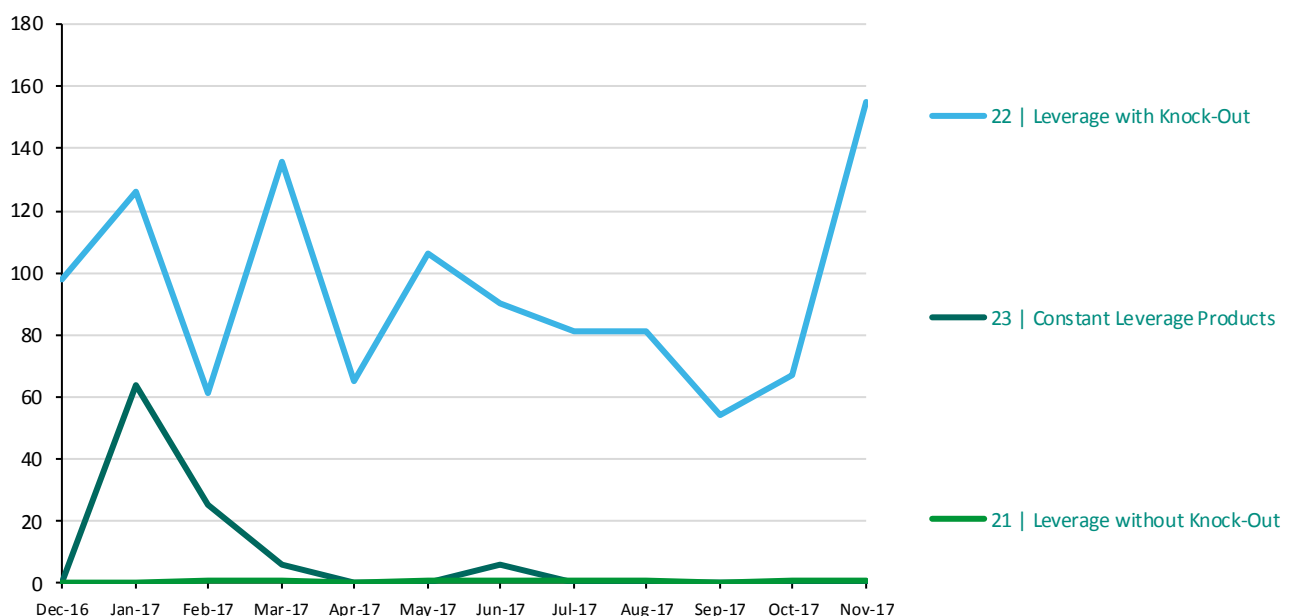
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Brussels.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Brussels.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

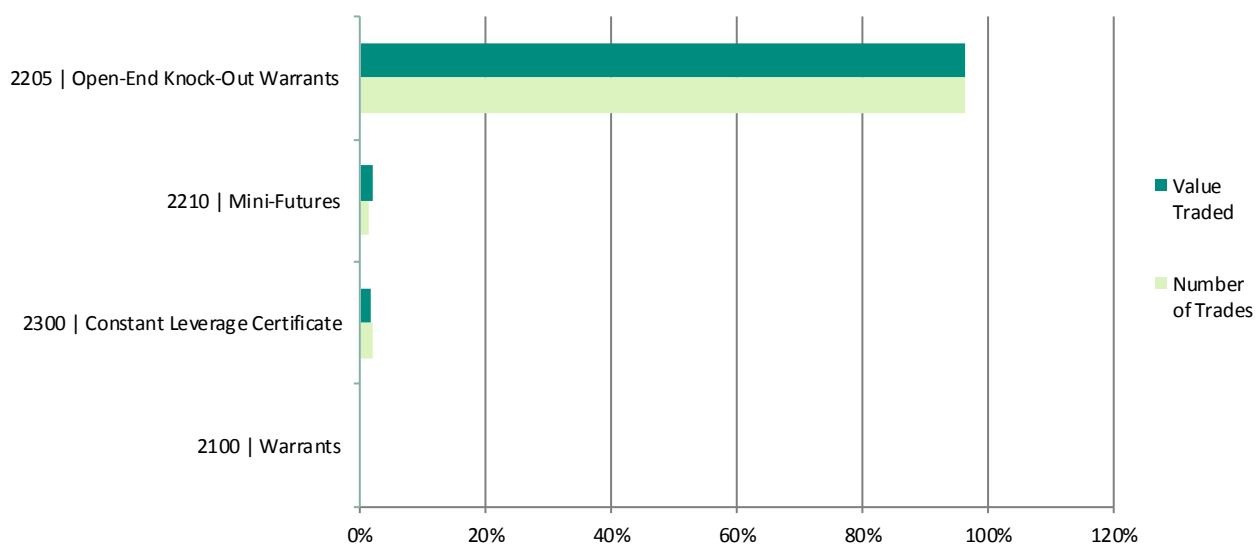
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Brussels.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	305	11.5%	5.2%	96.3%	182	35%	49%	96.4%
2210   Mini-Futures	6	21%	-61%	1.9%	2.7	-7.8%	-57%	1.4%
2300   Constant Leverage Certificate	6	-44%	-57%	1.8%	4.1	38%	-10.9%	2.2%
2100   Warrants	0			0.0%	0.0			0.0%
<b>Total</b>	<b>317</b>	<b>9.7%</b>	<b>-0.6%</b>	<b>100%</b>	<b>188</b>	<b>34.7%</b>	<b>41.6%</b>	<b>100%</b>

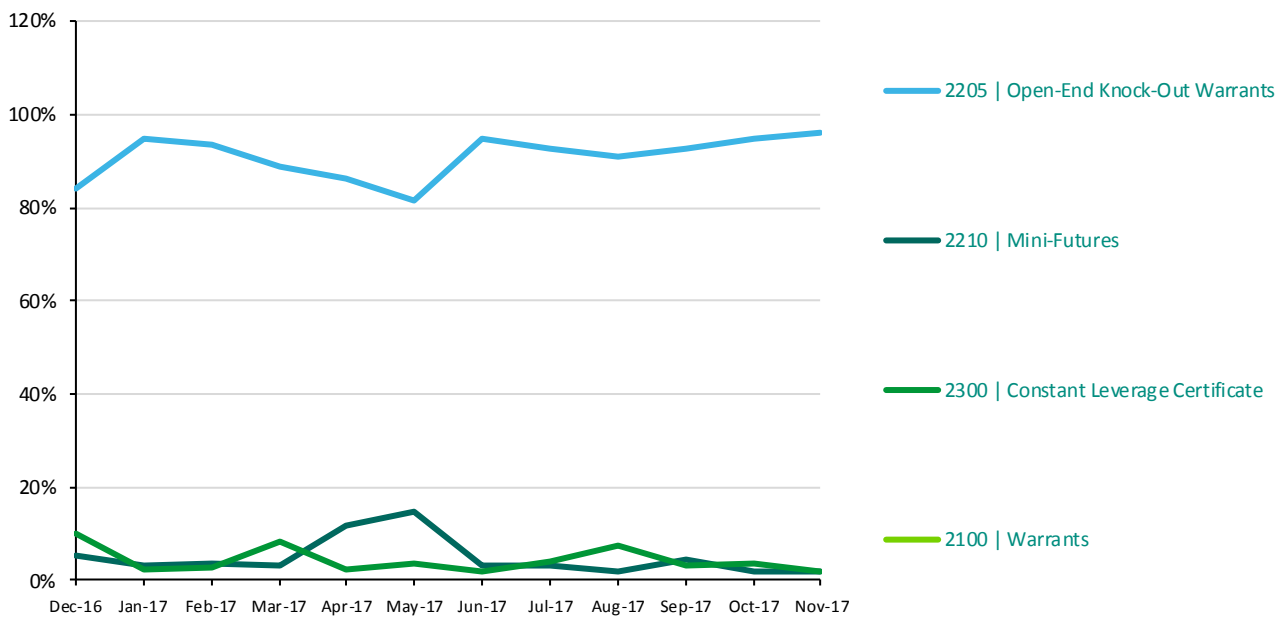
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

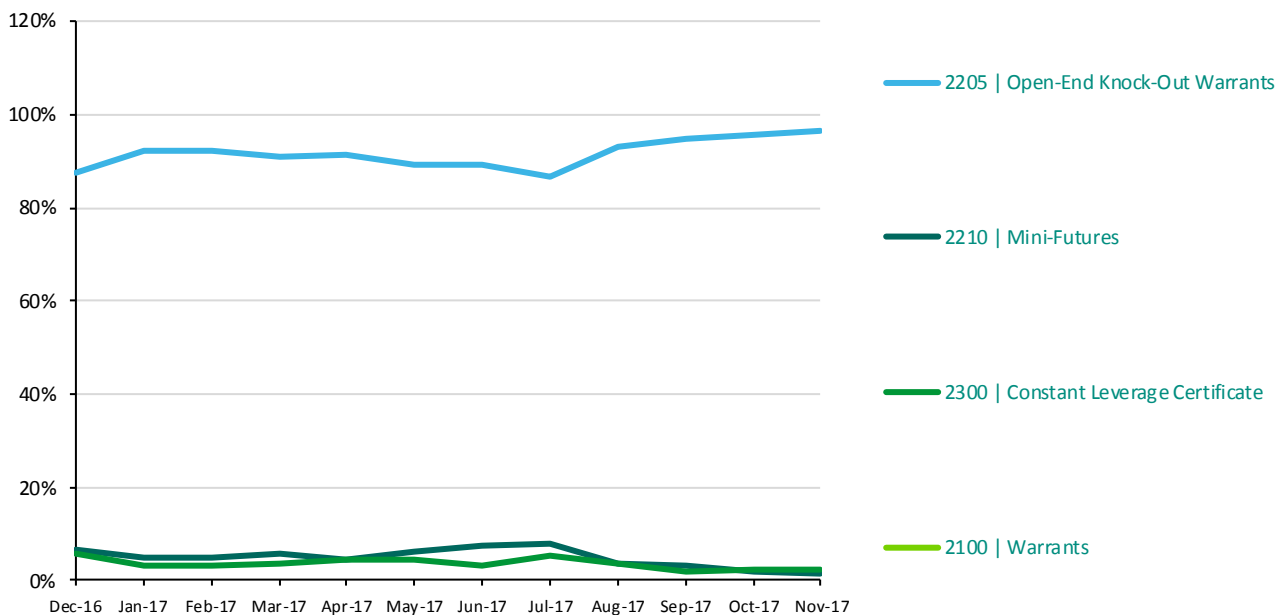
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

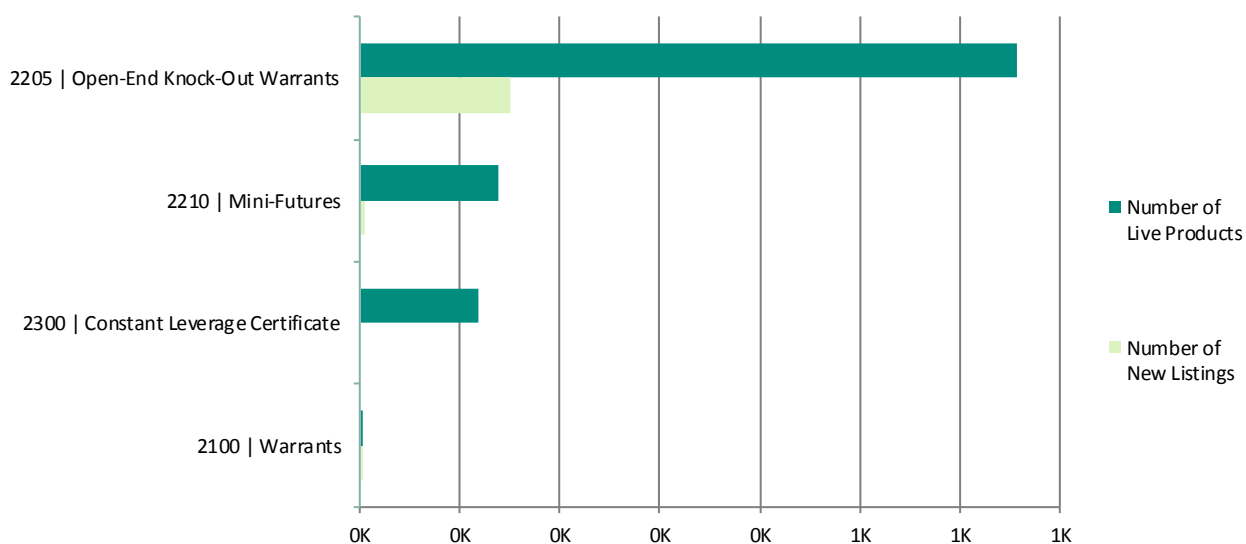
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	658	2.6%	15.6%	71.9%	151	140%	86%	96.8%
2210   Mini-Futures	139	-2.8%	1.7%	15.2%	4	0.0%	-67%	2.6%
2300   Constant Leverage Certificate	118	-1.3%	-10.4%	12.8%	0		-100%	0.0%
2100   Warrants	1	-4.5%	-2.1%	0.1%	1	0.0%	50%	0.6%
<b>Total</b>	<b>916</b>	<b>1.2%</b>	<b>9.3%</b>	<b>100%</b>	<b>156</b>	<b>129.4%</b>	<b>52.3%</b>	<b>100%</b>

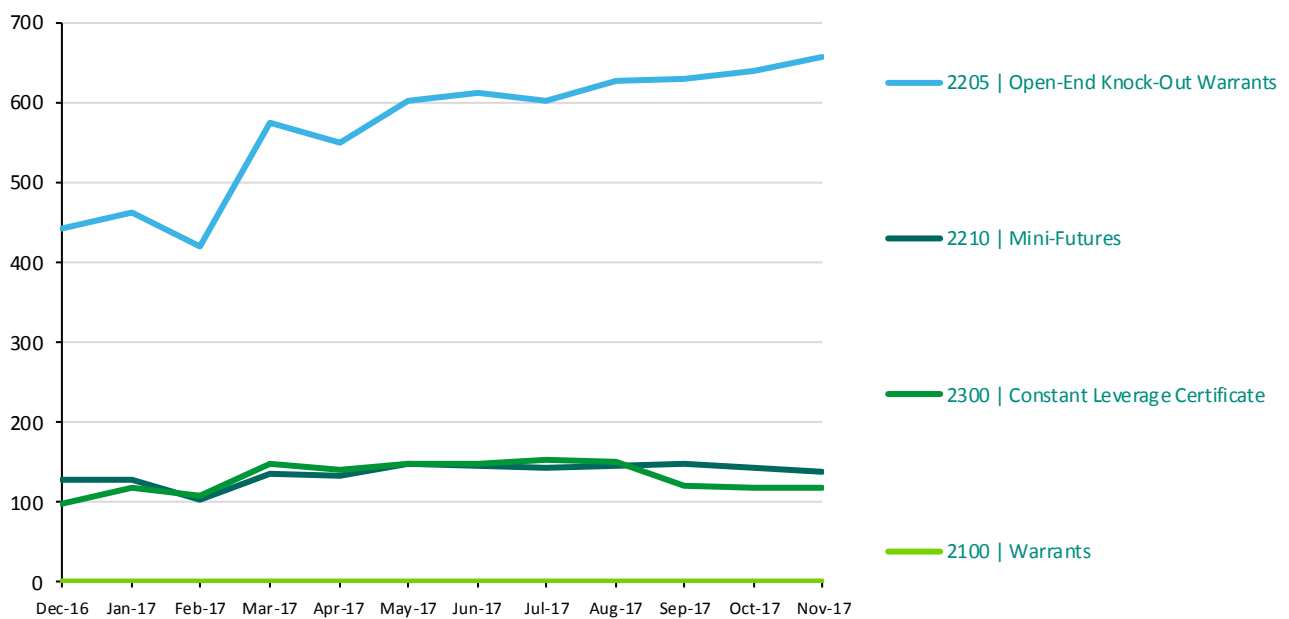
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

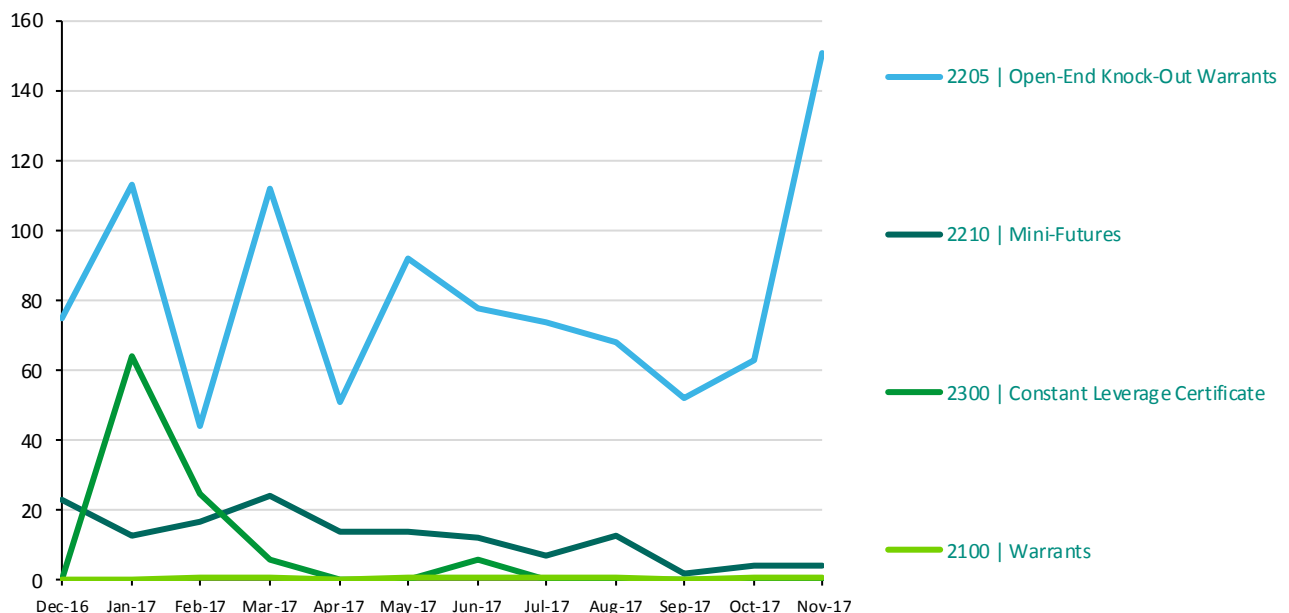
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Brussels.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Brussels.



# PRODUCT STRATEGIES

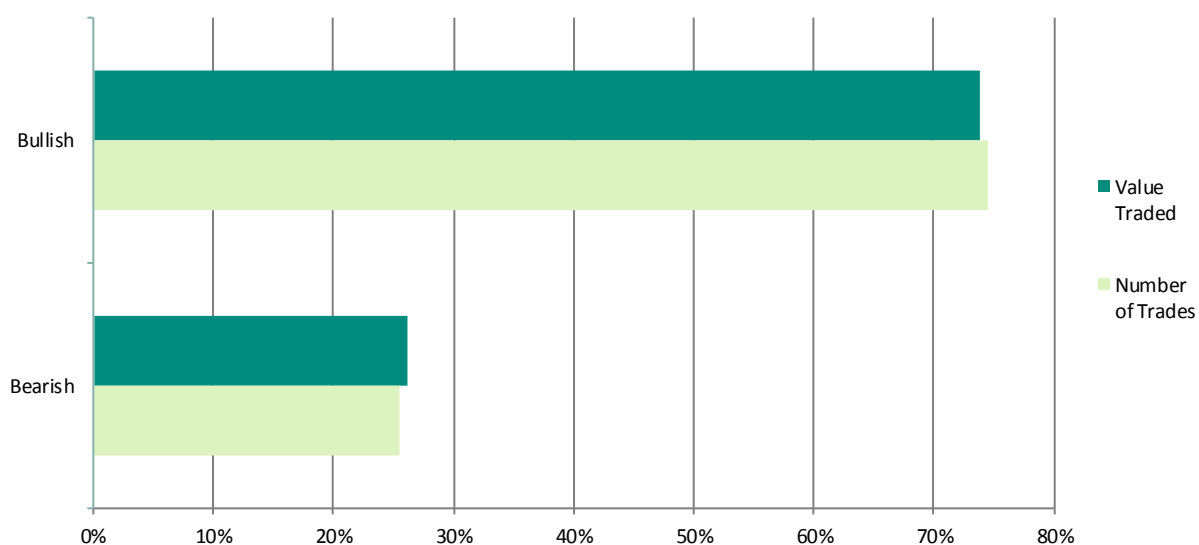
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	234	3.0%	-0.6%	73.8%	140	37%	53%	74.5%
Bearish	83	34%	-0.5%	26.2%	48	29%	16.9%	25.5%
Total	317	9.7%	-0.6%	100%	188	34.7%	41.6%	100%

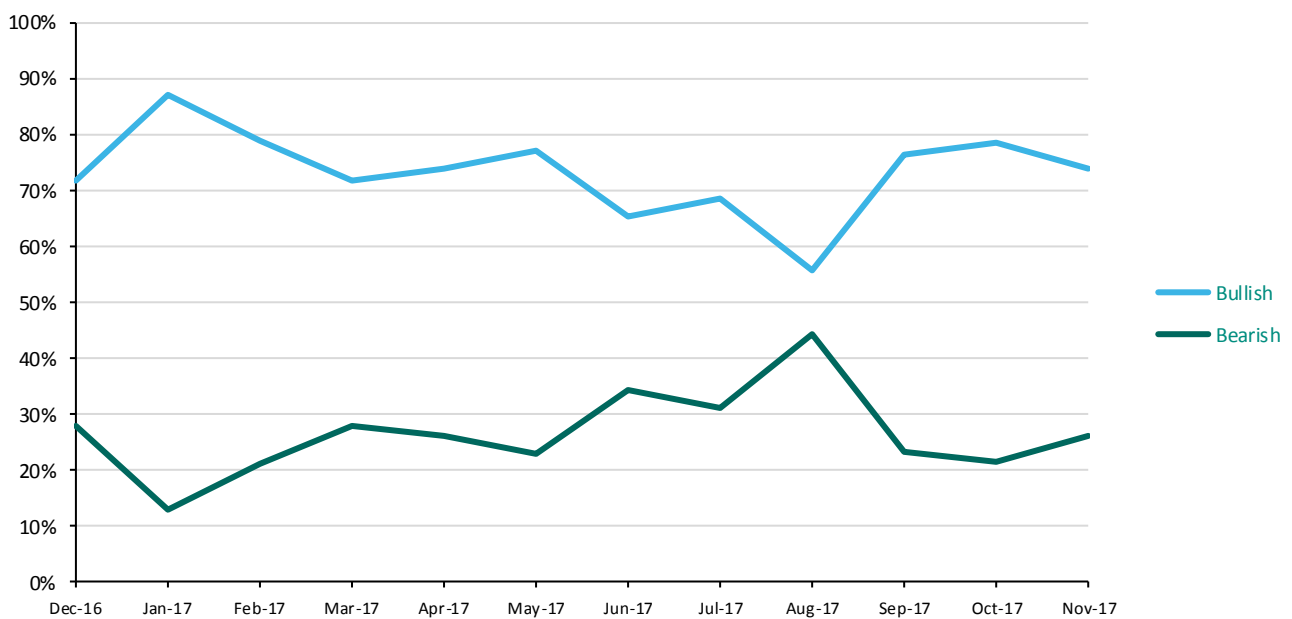
(Source Euronext)



# PRODUCT STRATEGIES

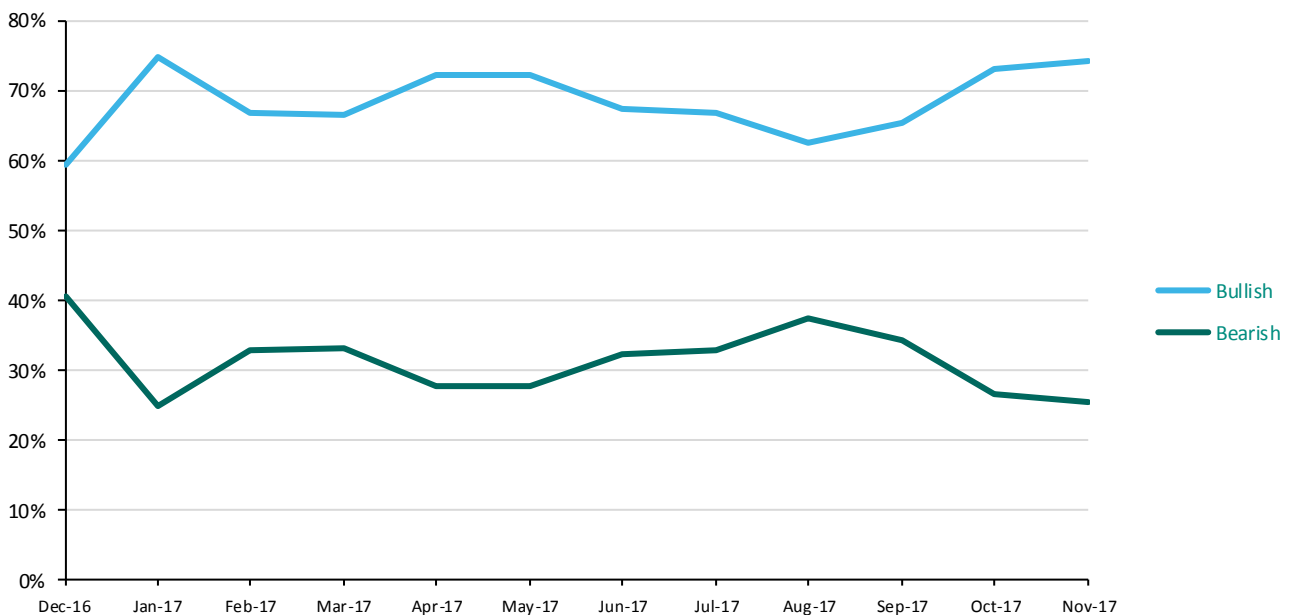
## Market Trend: Value traded

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



## Market Trend: Number of trades

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





# PRODUCT STRATEGIES

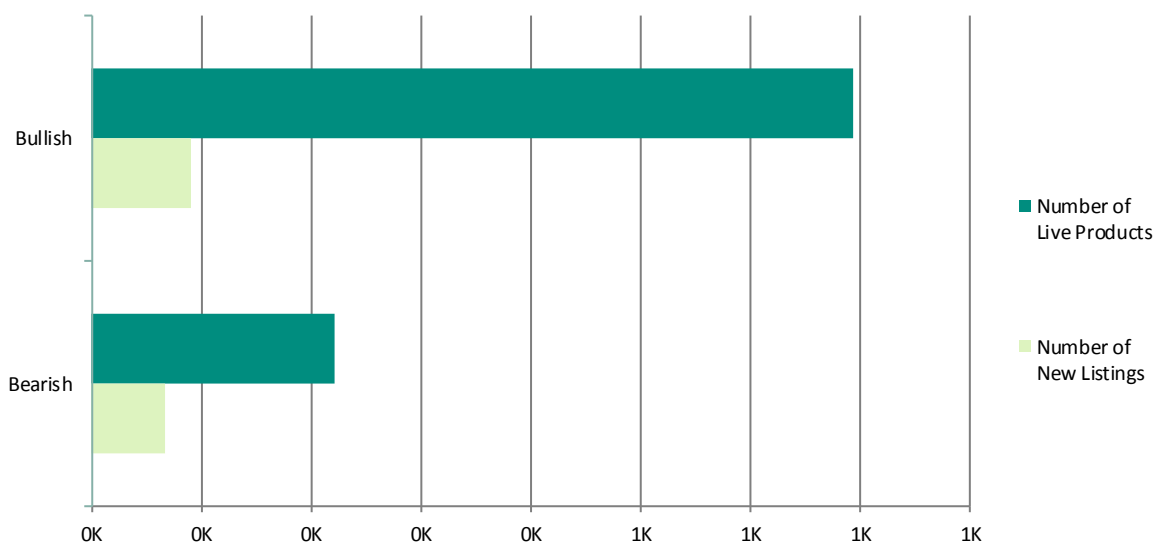
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	694	1.6%	13.7%	75.8%	90	105%	44%	57.7%
Bearish	221	0.0%	-2.6%	24.2%	66	175%	65%	42.3%
Total	916	1.2%	9.3%	100%	156	129.4%	52.3%	100%

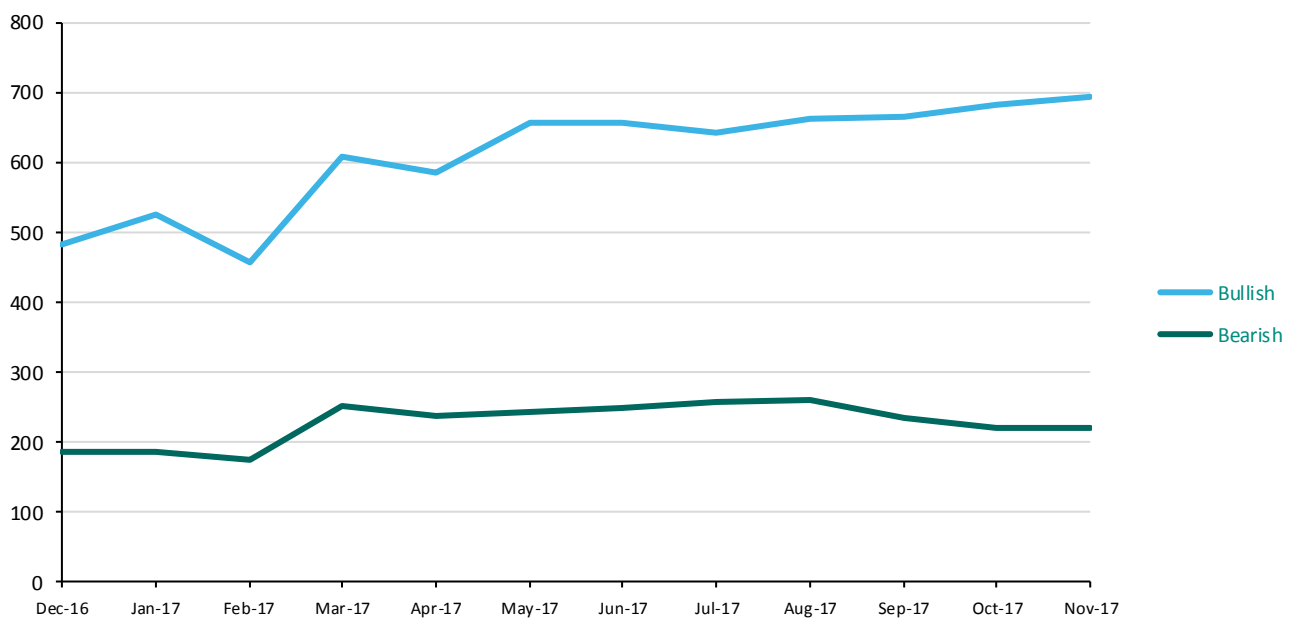
(Source Euronext)



# PRODUCT STRATEGIES

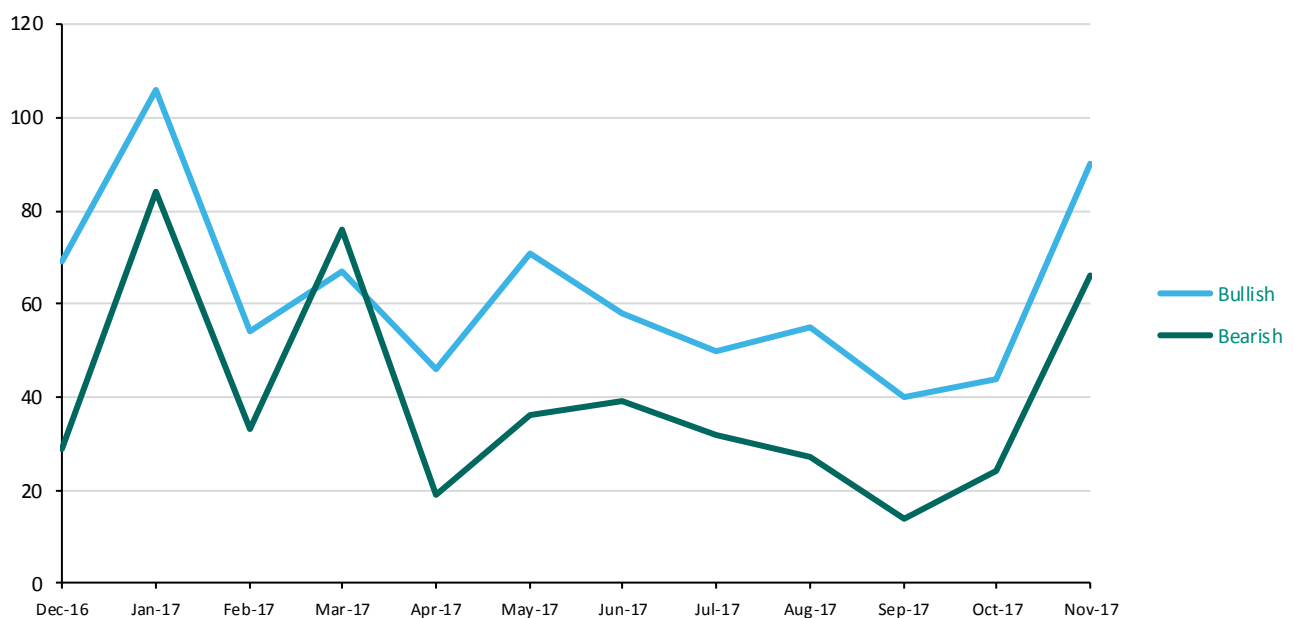
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Brussels.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Brussels.



# UNDERLYING TYPES

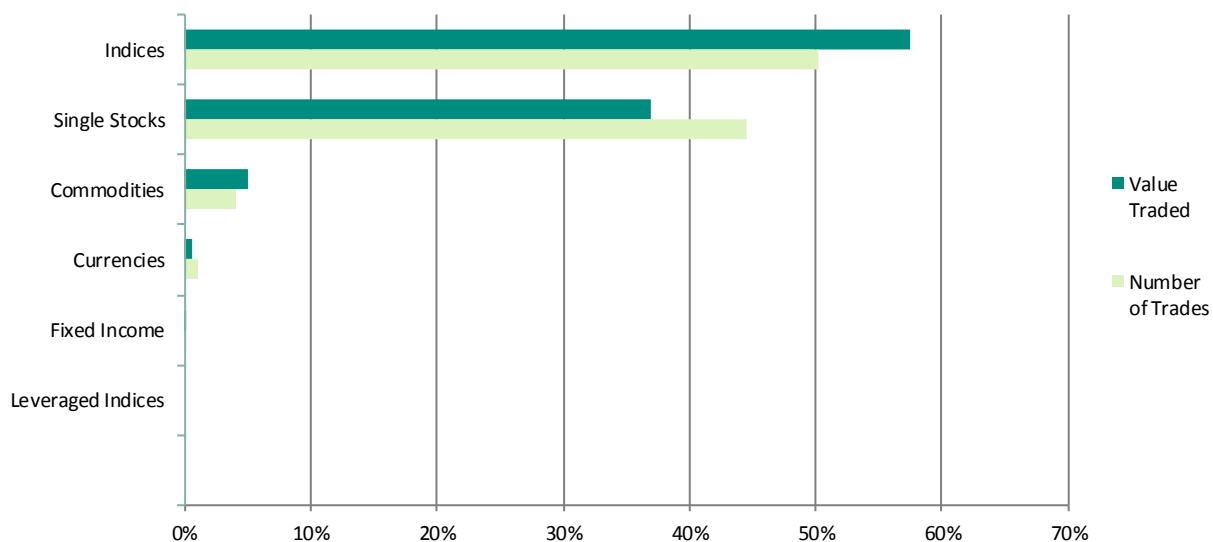
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	182	77%	53%	57.4%	95	117%	85%	50.2%
Single Stocks	117	-33%	-21%	37.0%	84	1.5%	40%	44.5%
Commodities	16	115%	8.9%	5.0%	7.7	-28%	-23%	4.1%
Currencies	2	-29%	-94%	0.6%	2.0	-29%	-82%	1.1%
Fixed Income	0	380%	-40%	0.0%	0.3	500%	289%	0.1%
Leveraged Indices	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
	0			0.0%	0.0			0.0%
<b>Total</b>	<b>317</b>	<b>9.7%</b>	<b>-0.6%</b>	<b>100%</b>	<b>188</b>	<b>34.7%</b>	<b>41.6%</b>	<b>100%</b>

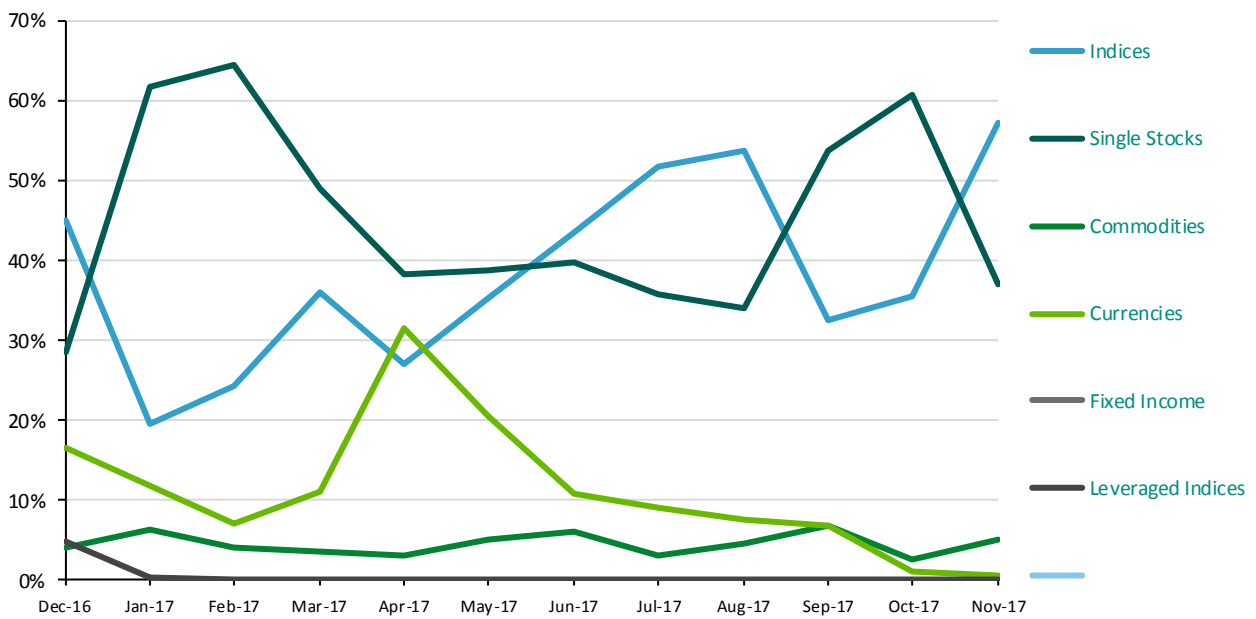
(Source Euronext)



# UNDERLYING TYPES

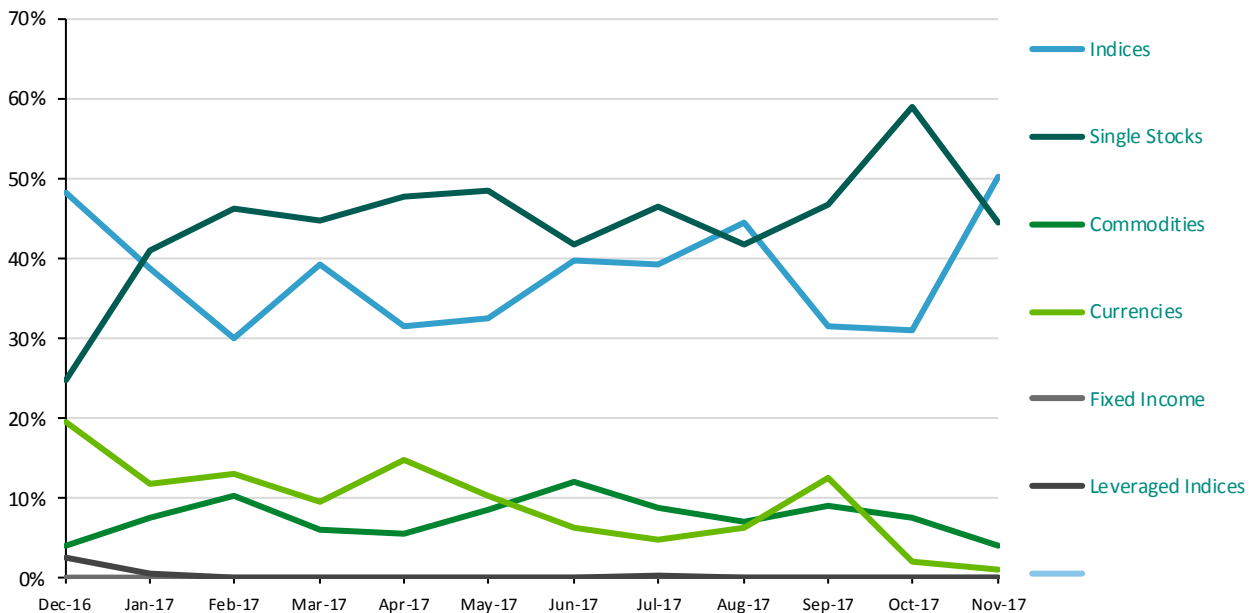
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## UNDERLYING TYPES

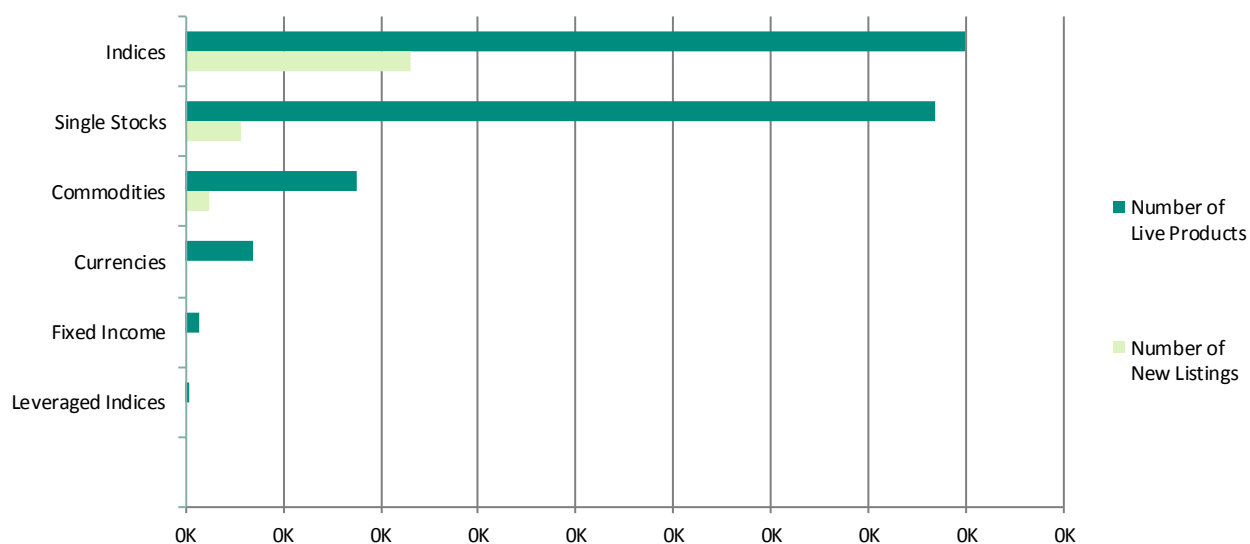
### Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	400	4.6%	10.1%	43.6%	115	229%	114%	73.7%
Single Stocks	384	-1.3%	8.5%	42.0%	28	22%	-21%	17.9%
Commodities	88	-0.2%	29%	9.6%	12	71%	32%	7.7%
Currencies	35	-2.4%	8.0%	3.8%	0	-100%	-100%	0.0%
Fixed Income	7	0.0%	21%	0.8%	0		-100%	0.0%
Leveraged Indices	2	-21%	-85%	0.2%	0			0.0%
	0			0.0%	0			0.0%
<b>Total</b>	<b>916</b>	<b>1.2%</b>	<b>9.3%</b>	<b>100%</b>	<b>156</b>	<b>129.4%</b>	<b>52.3%</b>	<b>100%</b>

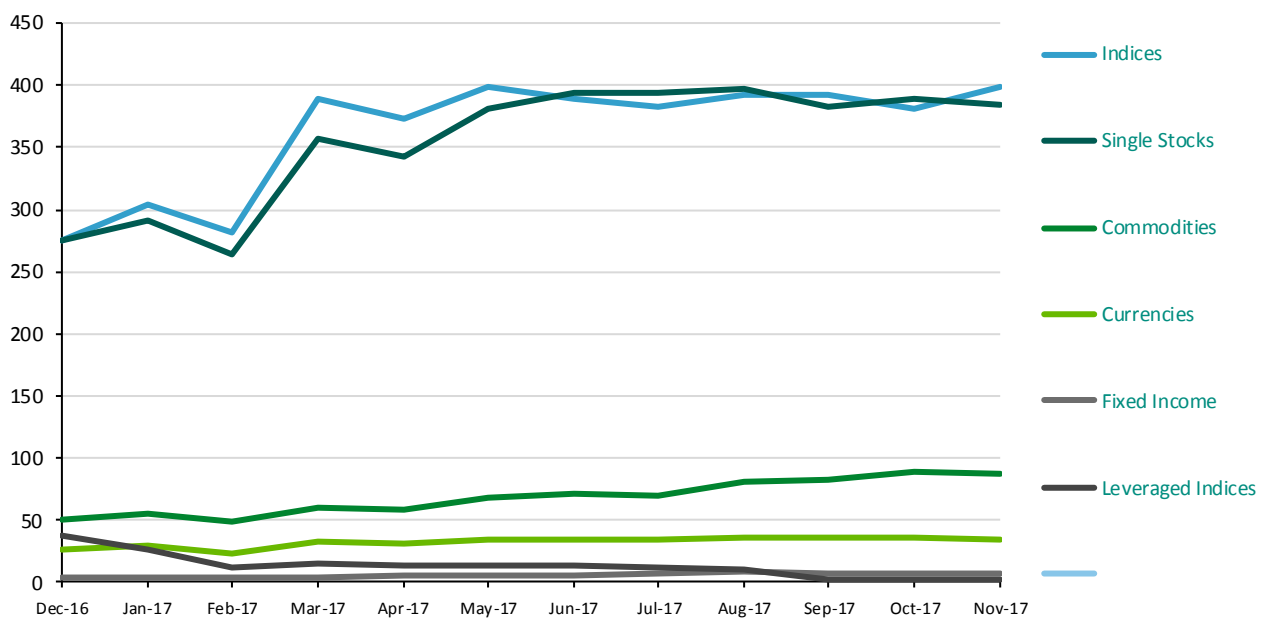
(Source Euronext)



# UNDERLYING TYPES

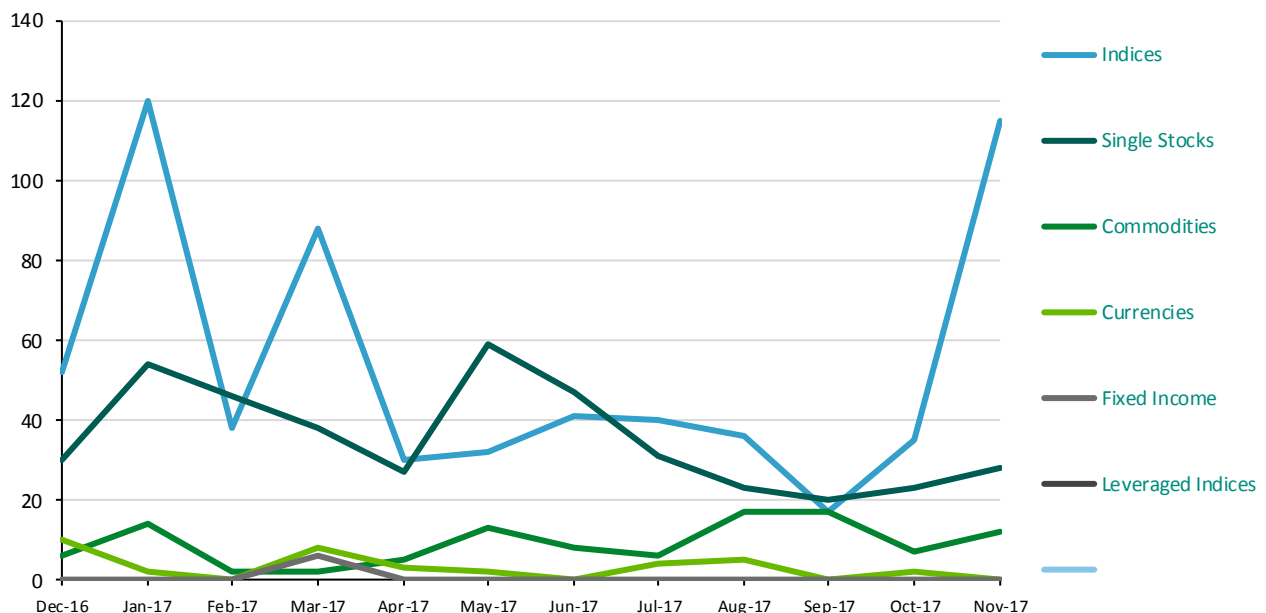
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euronext Brussels.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euronext Brussels.



# TOP 10 UNDERLYING COUNTRIES

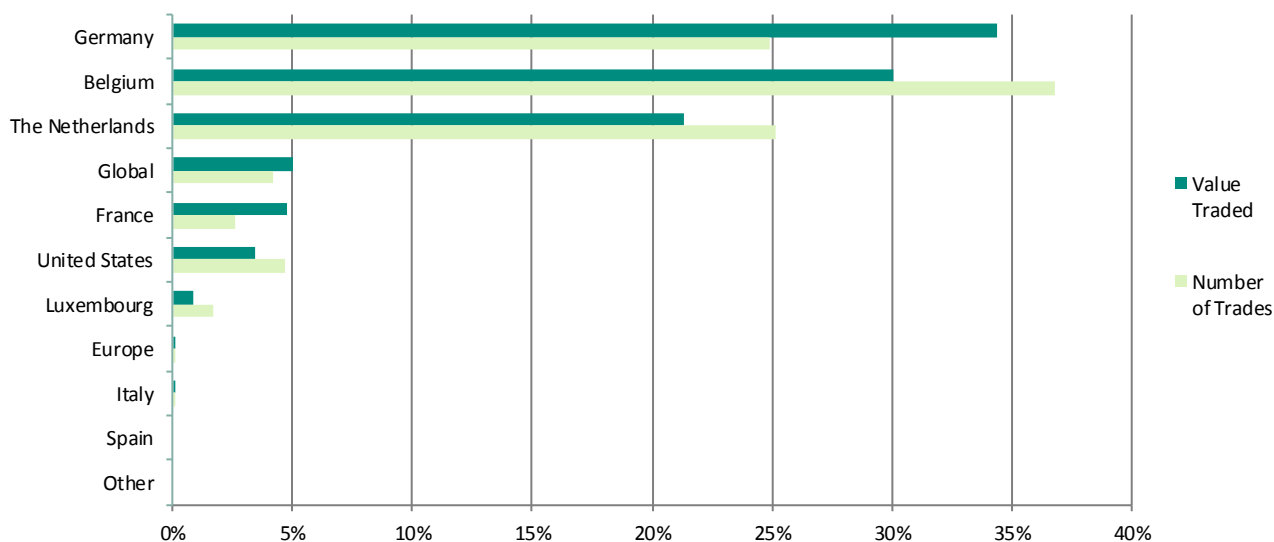
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Germany	109	109%	73%	34.4%	47	173%	92%	24.9%
Belgium	95	-35%	-21%	30.1%	69	10.3%	43%	36.8%
The Netherlands	68	19.7%	28%	21.4%	47	31%	77%	25.1%
Global	16	106%	5.3%	5.0%	7.9	-28%	-24%	4.2%
France	15	5.0%	-9.2%	4.8%	4.8	11.6%	-3.1%	2.6%
United States	11	59%	-74%	3.4%	8.8	52%	-42%	4.7%
Luxembourg	3	-48%	-66%	0.9%	3.1	28%	13.6%	1.6%
Europe	0		488%	0.1%	0.1		80%	0.0%
Italy	0	-95%	-85%	0.0%	0.0	-50%	-35%	0.0%
Spain	0			0.0%	0.0			0.0%
Other	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>317</b>	<b>9.7%</b>	<b>-0.6%</b>	<b>100%</b>	<b>188</b>	<b>34.7%</b>	<b>41.6%</b>	<b>100%</b>

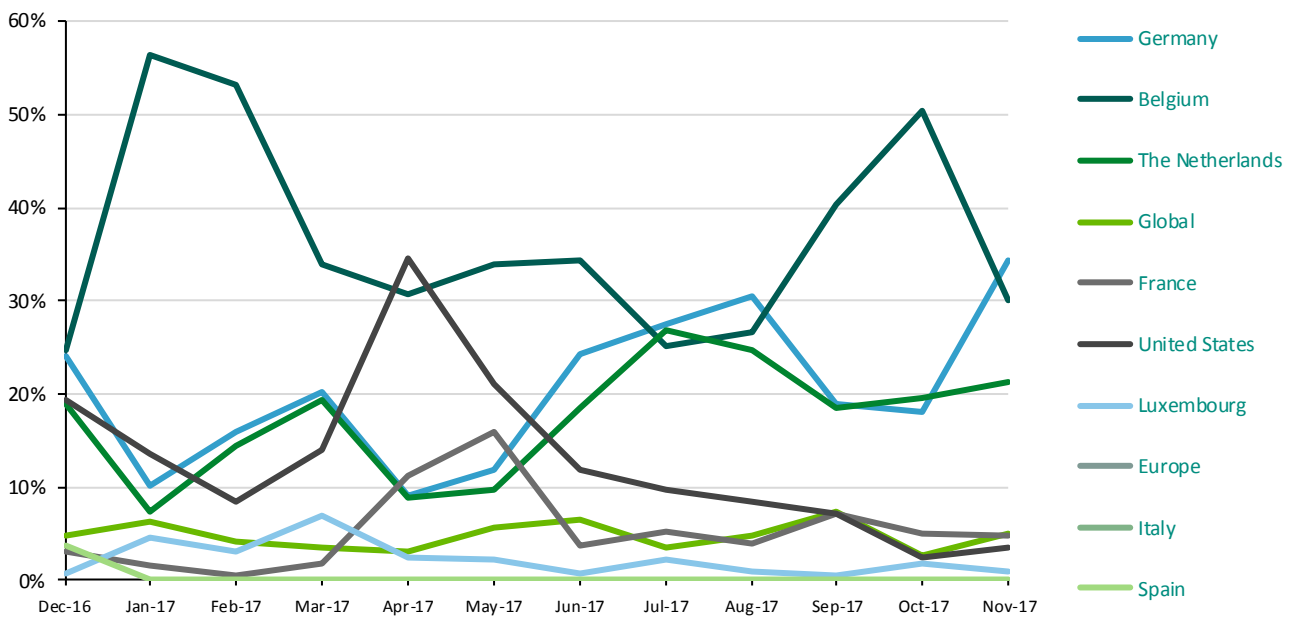
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

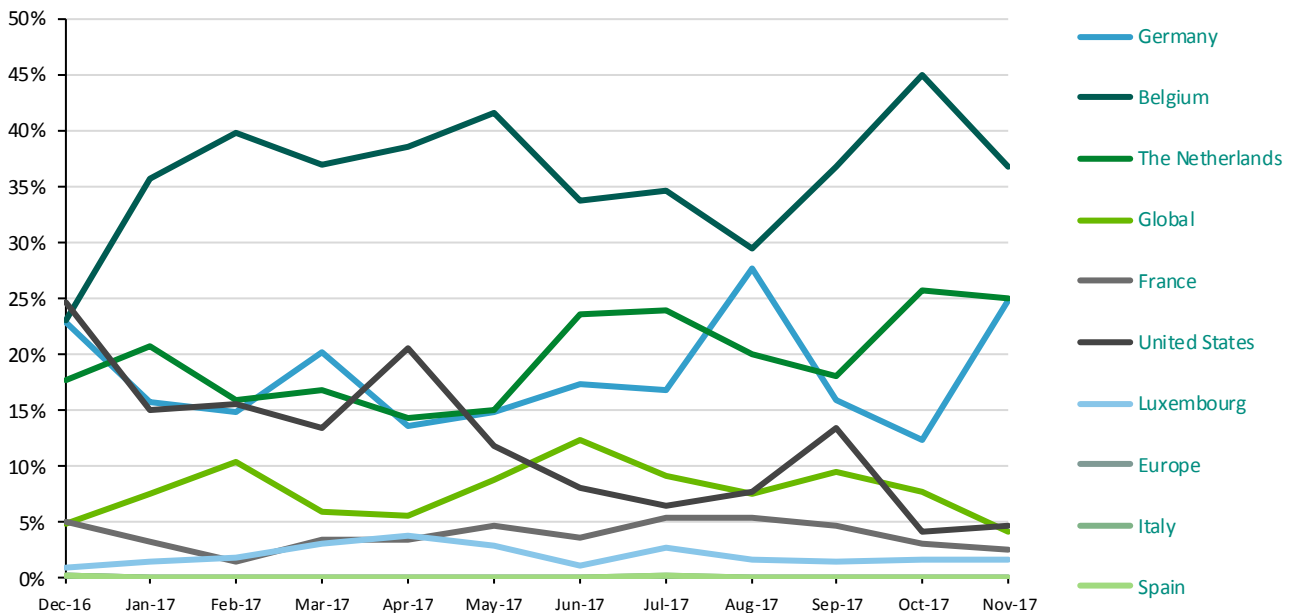
## Market Trend: Value traded

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



## Market Trend: Number of trades

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





# TOP 10 UNDERLYING COUNTRIES

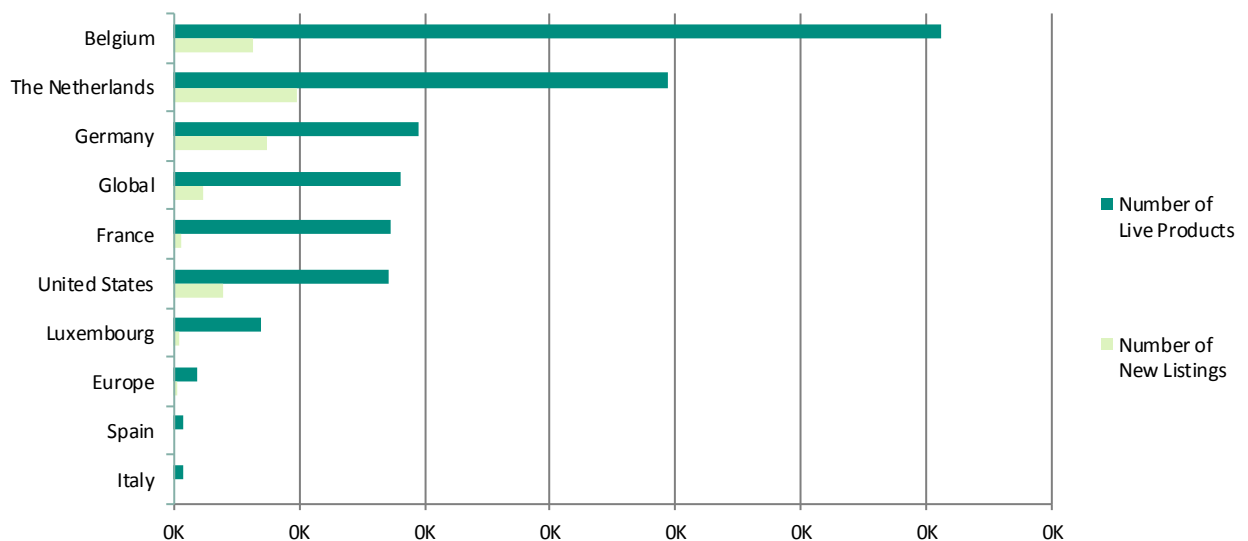
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Belgium	306	-0.8%	12.6%	33.4%	32	39%	10.0%	20.5%
The Netherlands	197	1.3%	9.9%	21.5%	49	277%	101%	31.4%
Germany	98	14.8%	5.4%	10.7%	37	164%	127%	23.7%
Global	90	-0.2%	26%	9.8%	12	71%	30%	7.7%
France	87	-2.9%	-1.0%	9.5%	3	200%	-58%	1.9%
United States	86	4.1%	5.7%	9.3%	20	233%	114%	12.8%
Luxembourg	35	-0.3%	23%	3.8%	2	-33%	-56%	1.3%
Europe	9	-0.5%	-5.0%	1.0%	1	0.0%	-14.3%	0.6%
Spain	4	0.0%	-7.5%	0.4%	0		-100%	0.0%
Italy	4	-12.0%	-23%	0.4%	0		-100%	0.0%
Other	1	-57%	-85%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>916</b>	<b>1.2%</b>	<b>9.3%</b>	<b>100%</b>	<b>156</b>	<b>129.4%</b>	<b>52.3%</b>	<b>100%</b>

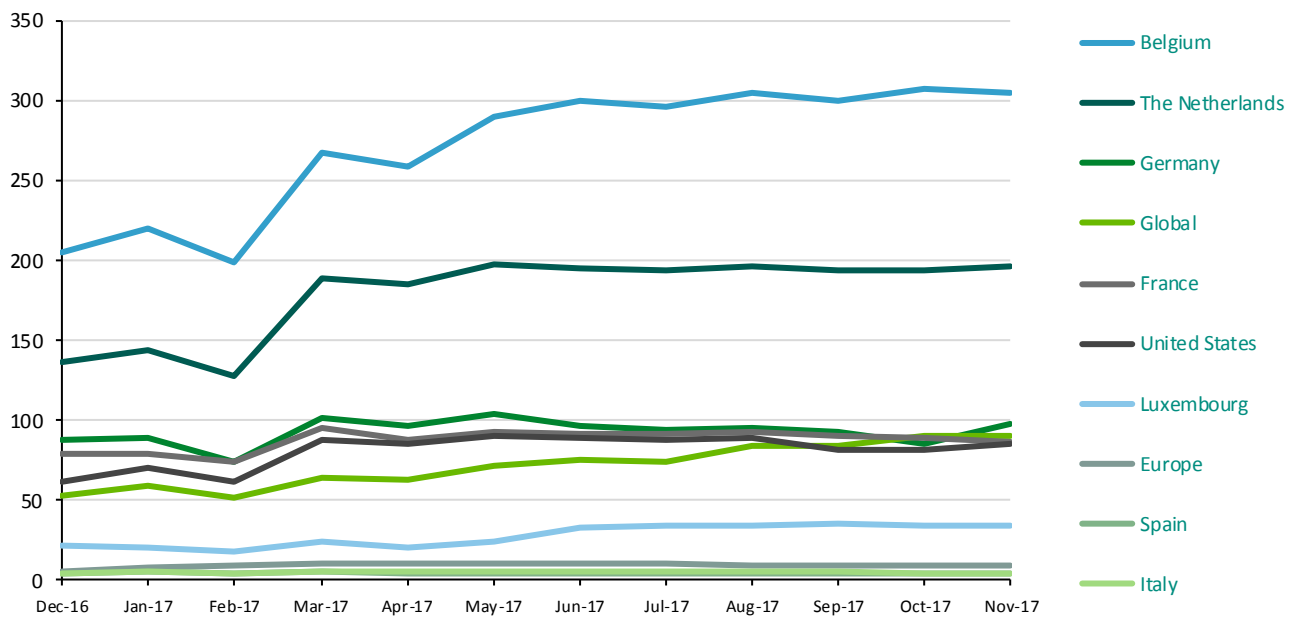
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

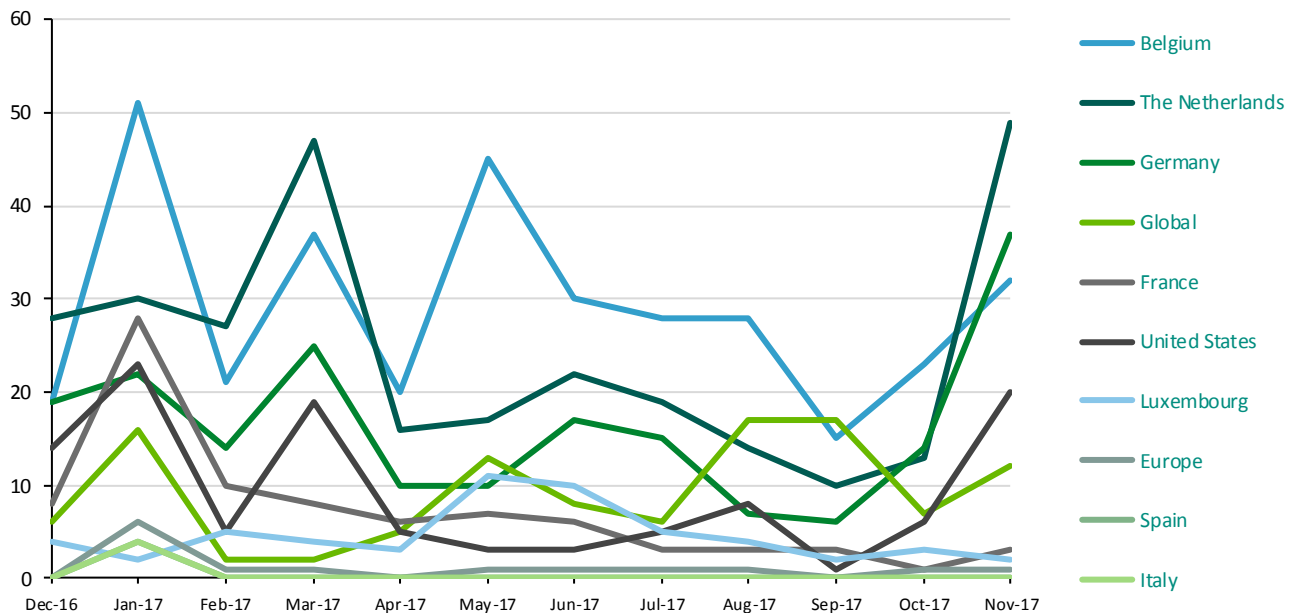
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euronext Brussels.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euronext Brussels.



# TOP 10 UNDERLYINGS

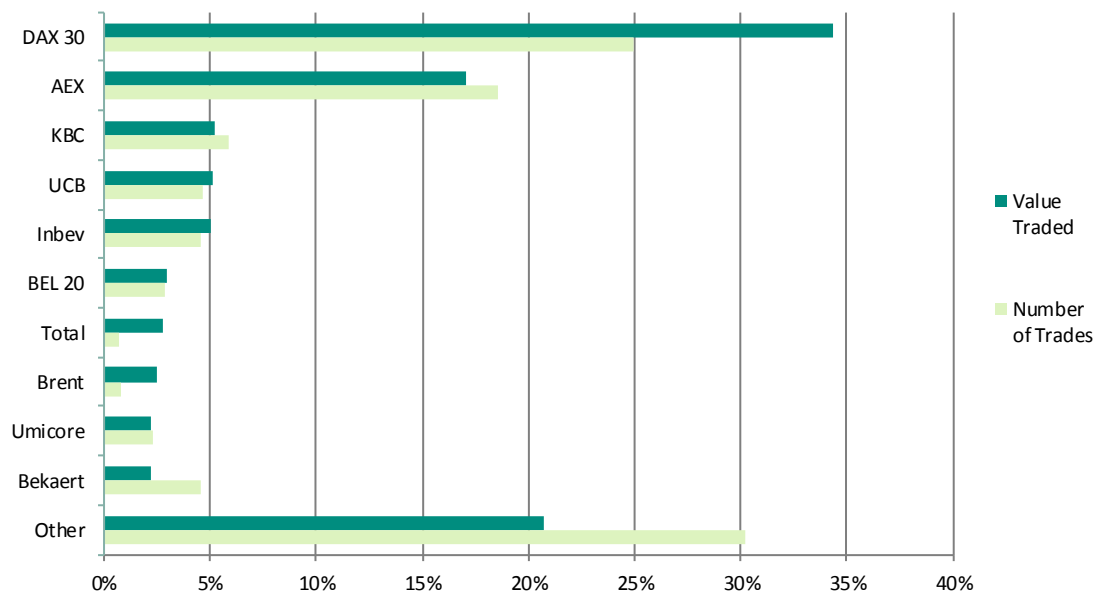
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
DAX 30	109	109%	74%	34.4%	47	173%	92%	24.9%
AEX	54	33%	56%	17.1%	35	80%	116%	18.6%
KBC	16	86%	-11.5%	5.2%	11	29%	44%	5.9%
UCB	16	12.6%	63%	5.1%	8.7	20%	61%	4.6%
Inbev	16	-74%	-67%	5.0%	8.5	-27%	-14.9%	4.5%
BEL 20	9	92%	16.7%	2.9%	5.5	85%	1.4%	2.9%
Total	9	-5.8%	158%	2.8%	1.2	-36%	-5.0%	0.7%
Brent	8	NA	938%	2.4%	1.5	433%	419%	0.8%
Umicore	7	-76%	10.0%	2.2%	4.4	-41%	61%	2.3%
Bekaert	7	97%	111%	2.2%	8.6	160%	161%	4.6%
Other	66	2.1%	-47%	20.7%	57	-4.9%	1.1%	30.2%
Total	317	9.7%	-0.6%	100%	188	34.7%	41.6%	100%

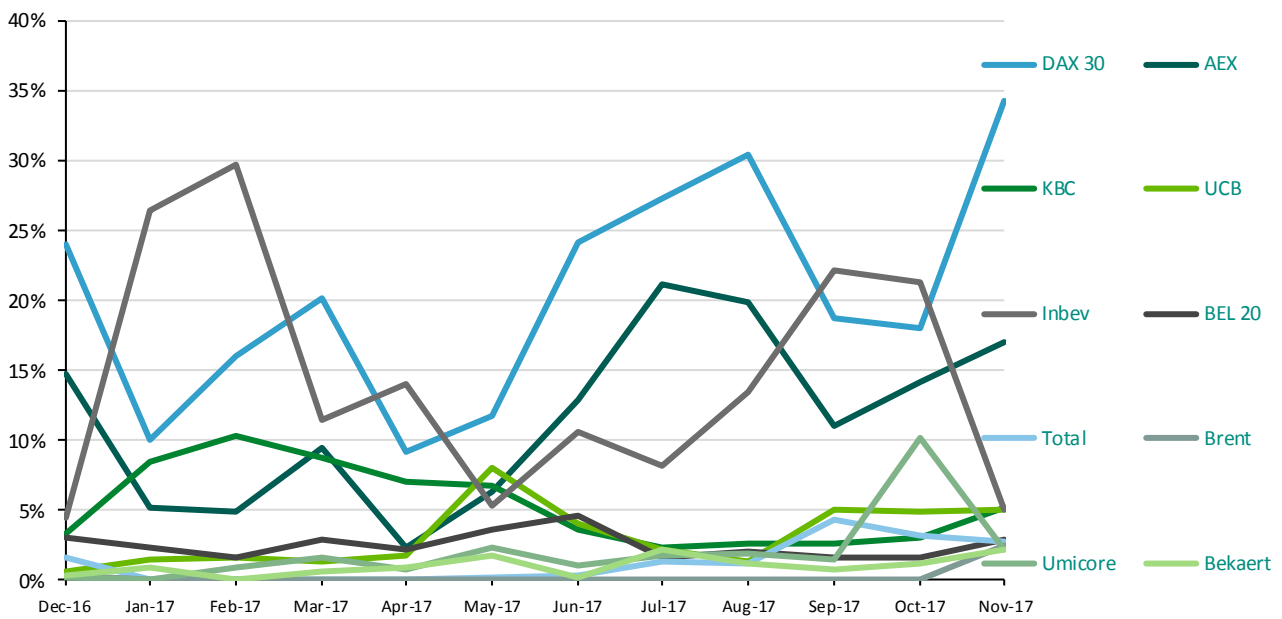
(Source Euronext)



# TOP 10 UNDERLYINGS

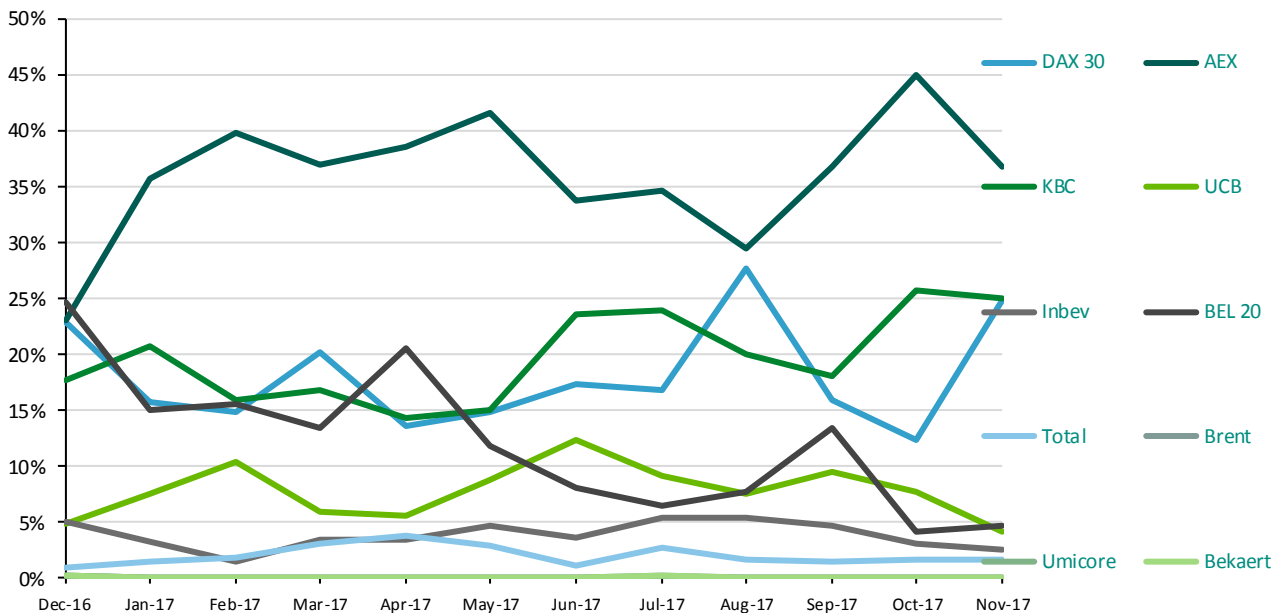
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euronext Brussels.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euronext Brussels.



# TOP 10 UNDERLYINGS

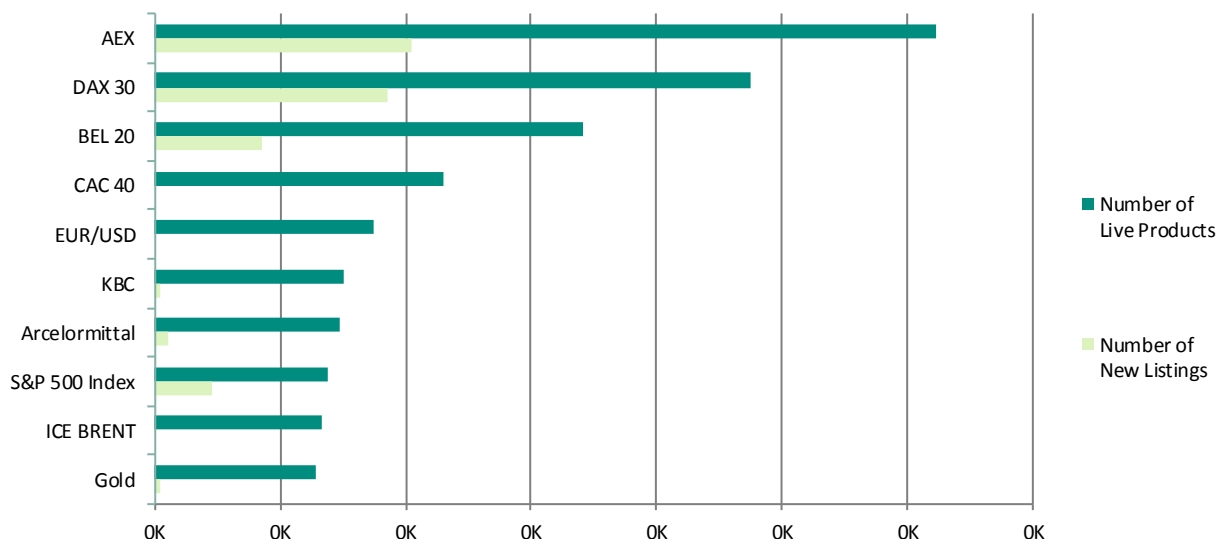
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
AEX	125	0.6%	4.6%	13.6%	41	486%	156%	26.3%
DAX 30	95	15.4%	5.2%	10.4%	37	164%	129%	23.7%
BEL 20	68	3.4%	47%	7.5%	17	70%	76%	10.9%
CAC 40	46	-1.9%	-3.6%	5.0%	0		-100%	0.0%
EUR/USD	35	-2.4%	8.0%	3.8%	0	-100%	-100%	0.0%
KBC	30	-2.9%	2.2%	3.3%	1		-65%	0.6%
Arcelormittal	30	-0.3%	14.3%	3.2%	2	-33%	-51%	1.3%
S&P 500 Index	27	7.9%	12.3%	3.0%	9	125%	140%	5.8%
ICE BRENT	27	-18.1%	26%	2.9%	0	-100%	-100%	0.0%
Gold	26	1.1%	16.3%	2.8%	1	-67%	-50%	0.6%
Other	407	0.4%	7.5%	44.5%	48	109%	30%	30.8%
<b>Total</b>	<b>916</b>	<b>1.2%</b>	<b>9.3%</b>	<b>100%</b>	<b>156</b>	<b>129.4%</b>	<b>52.3%</b>	<b>100%</b>

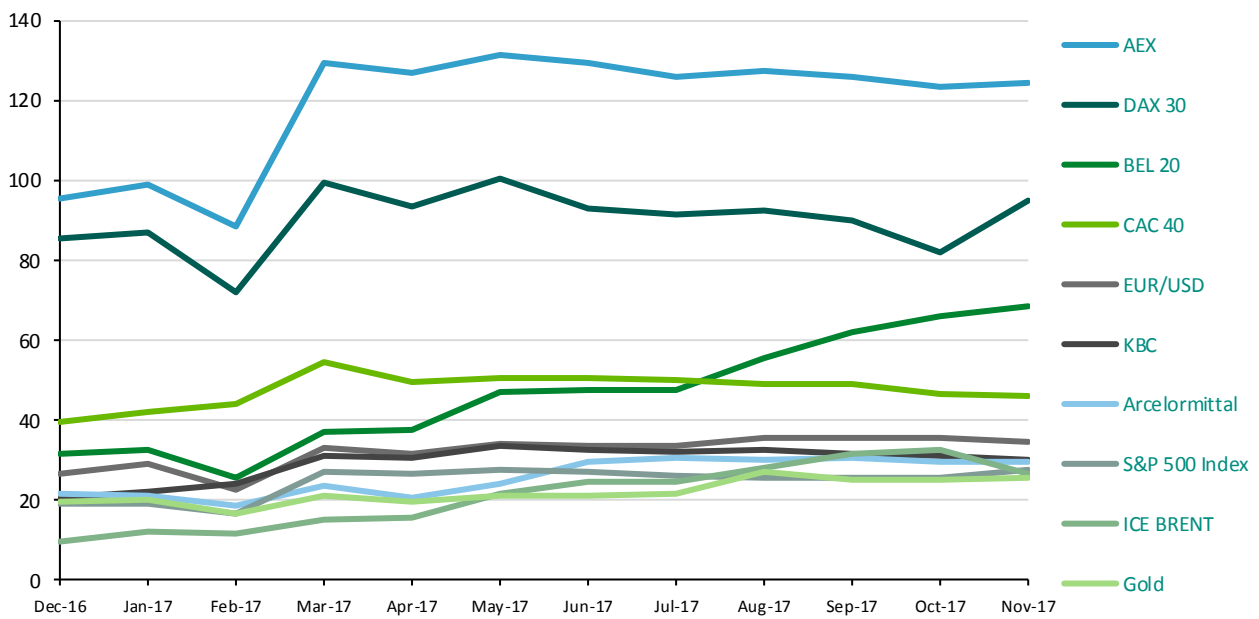
(Source Euronext)



# TOP 10 UNDERLYINGS

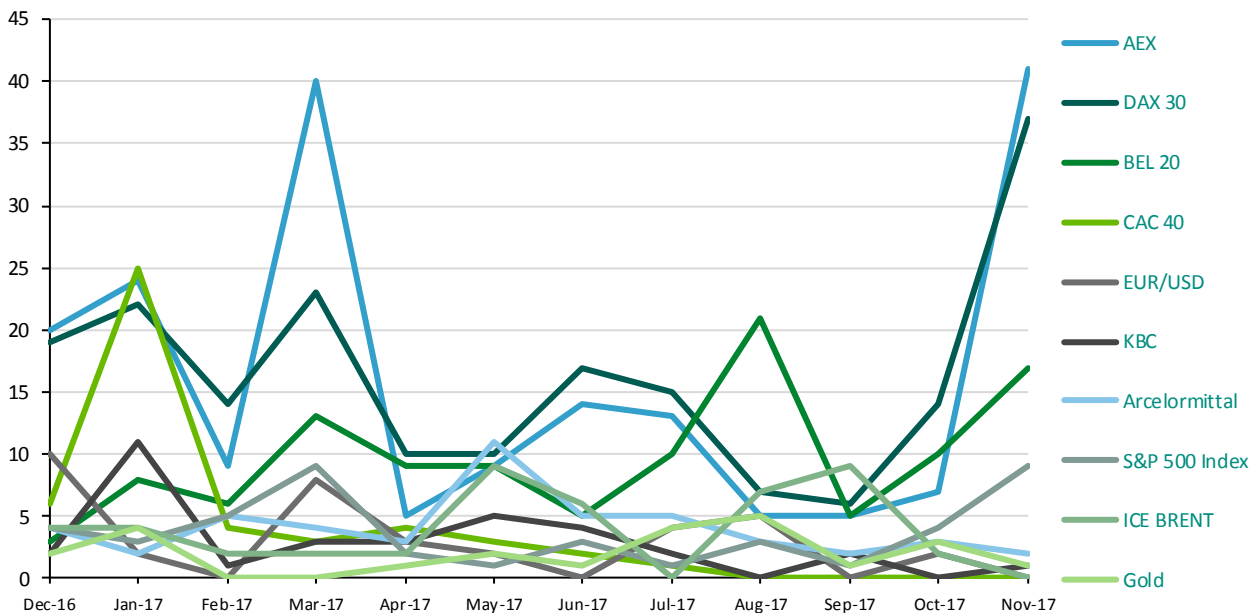
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext Brussels.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euronext Brussels.



# 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.

ISIN Code	Issuer	Product Type		Underlying	Value Traded (in €k)	Nb of Trades
DE000CE71YS6	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,079	308
DE000CE72194	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	699	370
DE000CN910H7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	684	144
DE000CE72061	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	680	184
DE000CE72103	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	535	332
DE000CE71YR8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	444	182
DE000CN90V31	Commerzbank	2205	Open-End Knock-Out Warrants	Total	320	16
DE000CN1VG83	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	306	162
DE000CE71WY8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	306	120
DE000CE72079	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	299	164
DE000CE71VX2	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	288	112
DE000CN91120	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	269	124
DE000CE71T39	Commerzbank	2205	Open-End Knock-Out Warrants	Ageas	192	44
DE000CN91237	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	184	114
DE000CE72160	Commerzbank	2205	Open-End Knock-Out Warrants	Brent	175	24
DE000CE71QF9	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	164	80
DE000CE71Y40	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	161	50
DE000CE721B2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	159	90
DE000CE720D0	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	148	74
DE000CN1WFT1	Commerzbank	2205	Open-End Knock-Out Warrants	BNP Paribas	145	30
DE000CE71XJ7	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	142	76
DE000CE71YM9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	135	118
DE000CE71Z98	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	134	80
DE000CE71WU6	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	129	80
DE000CE71ZY1	Commerzbank	2205	Open-End Knock-Out Warrants	Ahold	123	64
DE000CE71Z56	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	122	100
DE000CE72095	Commerzbank	2205	Open-End Knock-Out Warrants	Brent	121	16
DE000CR0K7G4	Commerzbank	2205	Open-End Knock-Out Warrants	Colruyt	115	22
DE000CE72111	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	114	32
DE000CN90X70	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	110	72
DE000CN91161	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	109	46
DE000CE71XP4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	107	84
DE000CE71Y99	Commerzbank	2205	Open-End Knock-Out Warrants	ICE BRENT	105	40
DE000CE71YL1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	104	26
DE000CR0K7H2	Commerzbank	2205	Open-End Knock-Out Warrants	Colruyt	101	56
DE000CR0JRM6	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	97	44
DE000CN90P70	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	95	54
DE000CE71VR4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	93	34
DE000CE71R15	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	87	52
DE000CR0KX87	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	86	40
DE000CN914Y4	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	81	56
DE000CN8ZRY4	Commerzbank	2205	Open-End Knock-Out Warrants	Bekaert	77	90
DE000CE72020	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	72	102
DE000CE72269	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	71	28
DE000CE71VZ7	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	71	26
DE000CN90UQ9	Commerzbank	2300	Constant Leverage Certificate	DOW JONES E MINI	70	26
DE000CN1UZV9	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	66	16
DE000CE71W18	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	66	100
DE000CE720P4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	65	46
DE000CE720H1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	64	98

(Source Euronext)



Euronext Lisbon



# ISSUERS

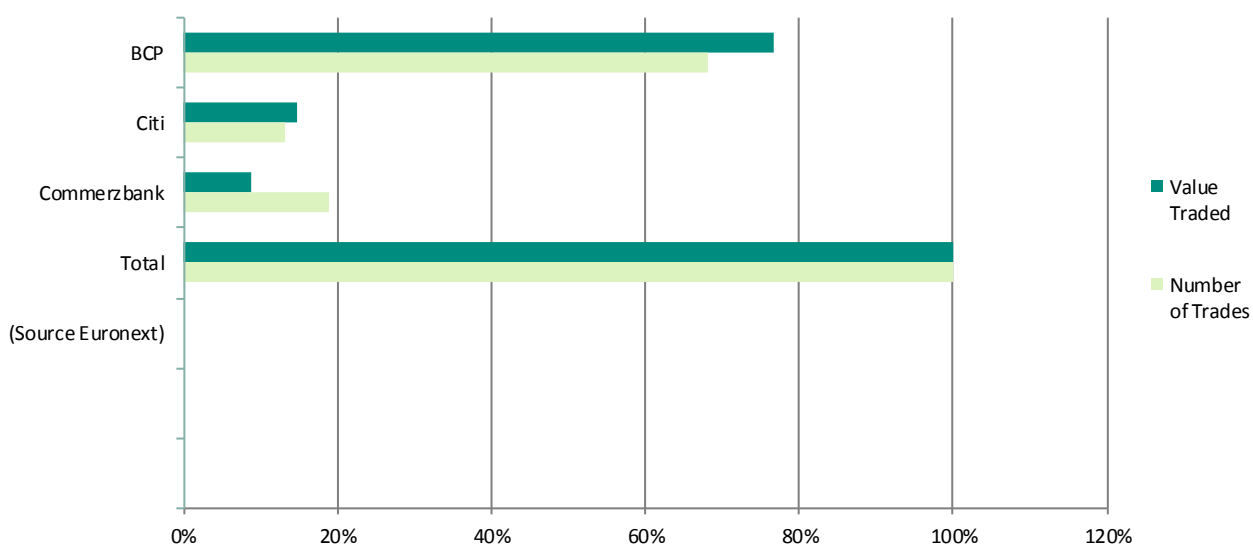
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	3,715	-26%	9.0%	76.6%	375	-26.8%	4.1%	68.0%
Citi	709	110%	96%	14.6%	73	59.7%	15.6%	13.2%
Commerzbank	427	4.1%	-13.7%	8.8%	104	18.8%	12.8%	18.8%
Total	4,851	-16.4%	13.7%	100%	552	-14.5%	7.0%	100%

(Source Euronext)

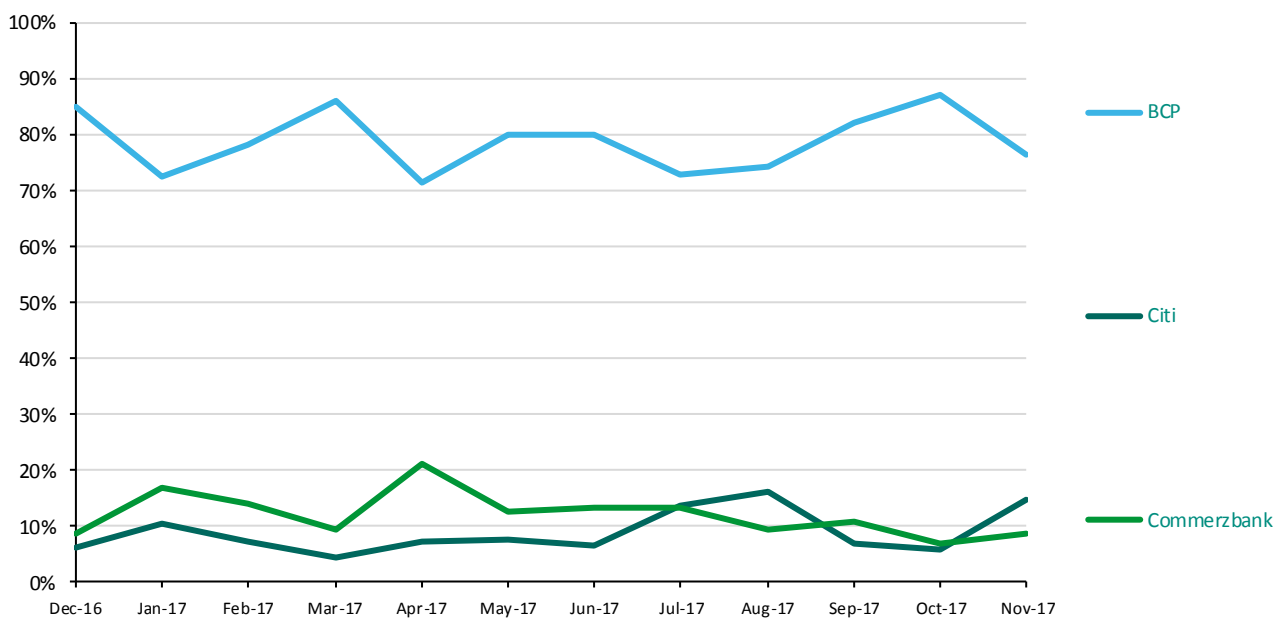


(Source Euronext)

# ISSUERS

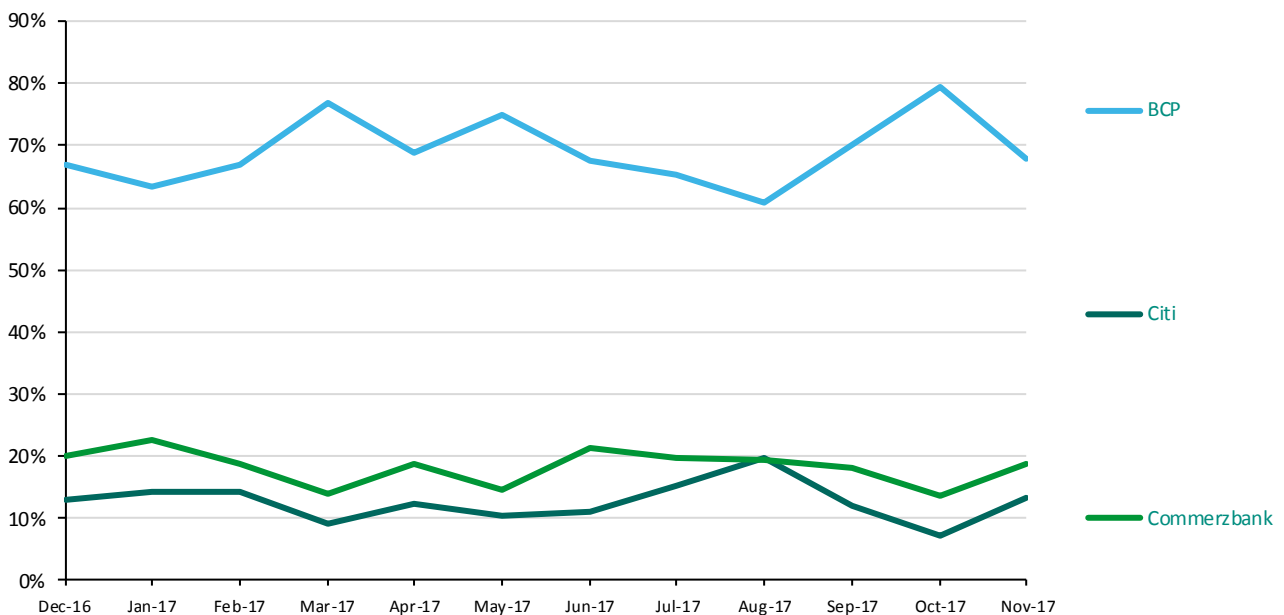
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

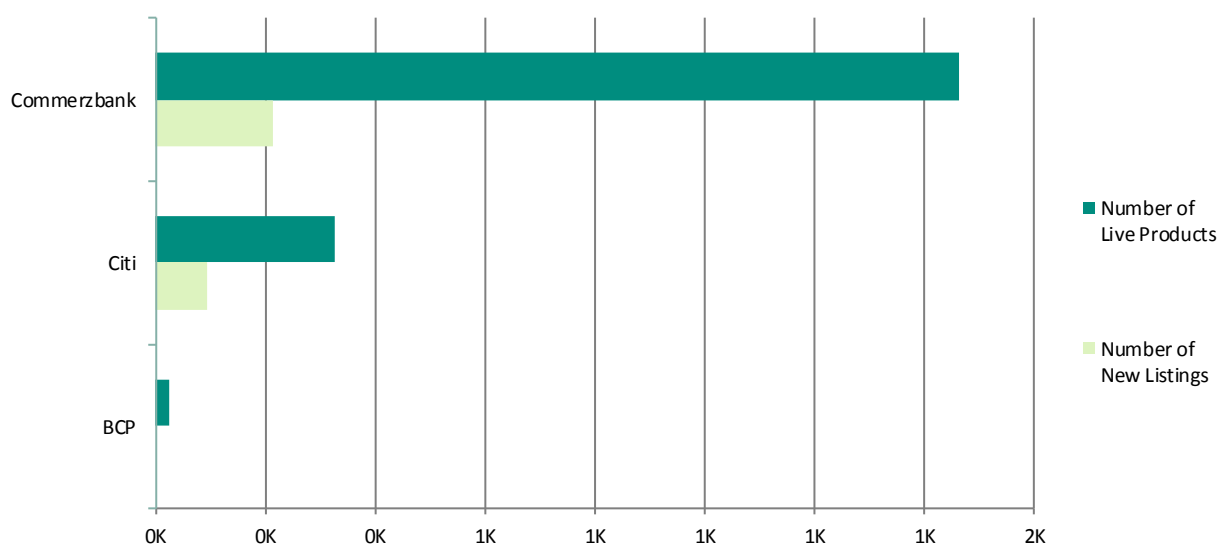
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	1,465	21%	4.9%	80.8%	215	9.1%	-11.6%	69.4%
Citi	326	10.0%	-1.4%	18.0%	95	102%	-7.2%	30.6%
BCP	23	-0.2%	2.2%	1.3%	0		-100%	0.0%
Total	1,814	18.3%	3.7%	100%	310	27.0%	-10.3%	100%

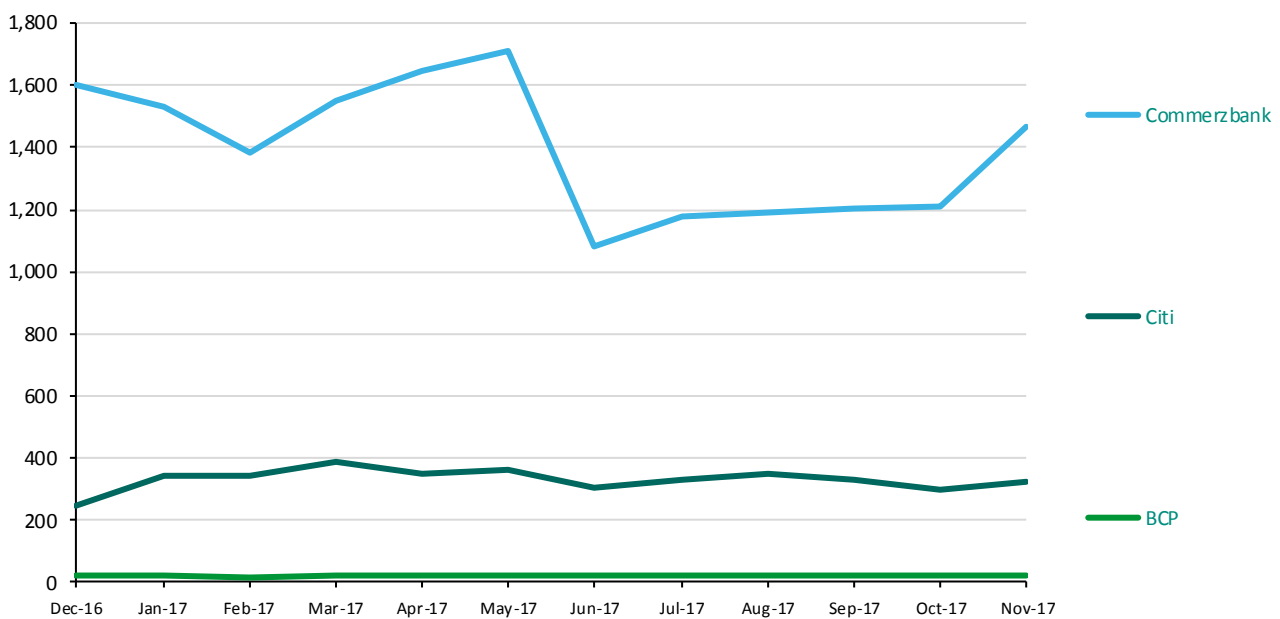
(Source Euronext)



# ISSUERS

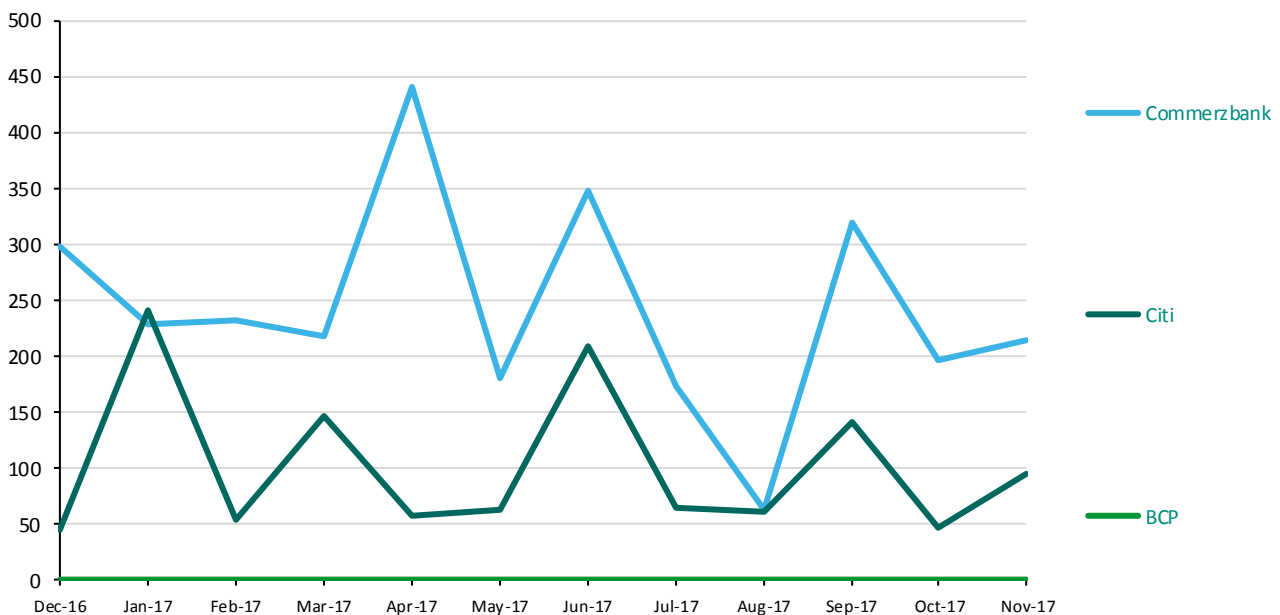
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euronext Lisbon.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euronext Lisbon.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

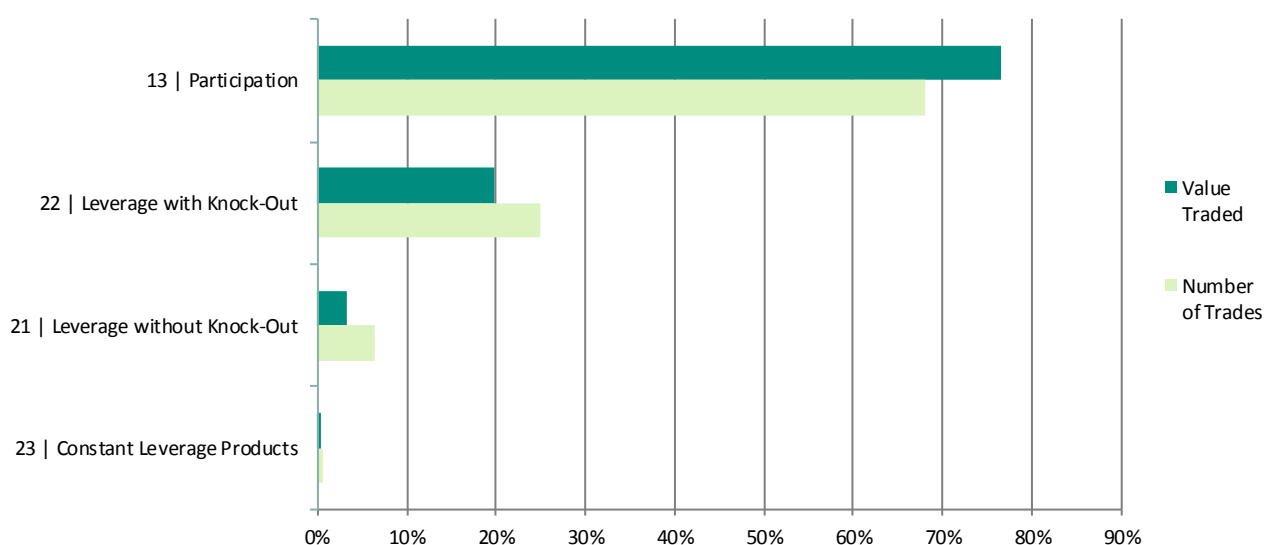
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product type (EUSIPA<sup>1</sup> categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Lisbon.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
13   Participation	3,715	-26%	9.0%	76.6%	375	-27%	4.1%	68.0%
22   Leverage with Knock-Out	960	56%	40%	19.8%	138	33%	17.2%	24.9%
21   Leverage without Knock-Out	155	42%	38%	3.2%	35	48%	16.7%	6.4%
23   Constant Leverage Products	21	-7.8%	-65%	0.4%	3.9	-36%	-48%	0.7%
<b>Total</b>	<b>4,851</b>	<b>-16.4%</b>	<b>13.7%</b>	<b>100%</b>	<b>552</b>	<b>-14.5%</b>	<b>7.0%</b>	<b>100%</b>

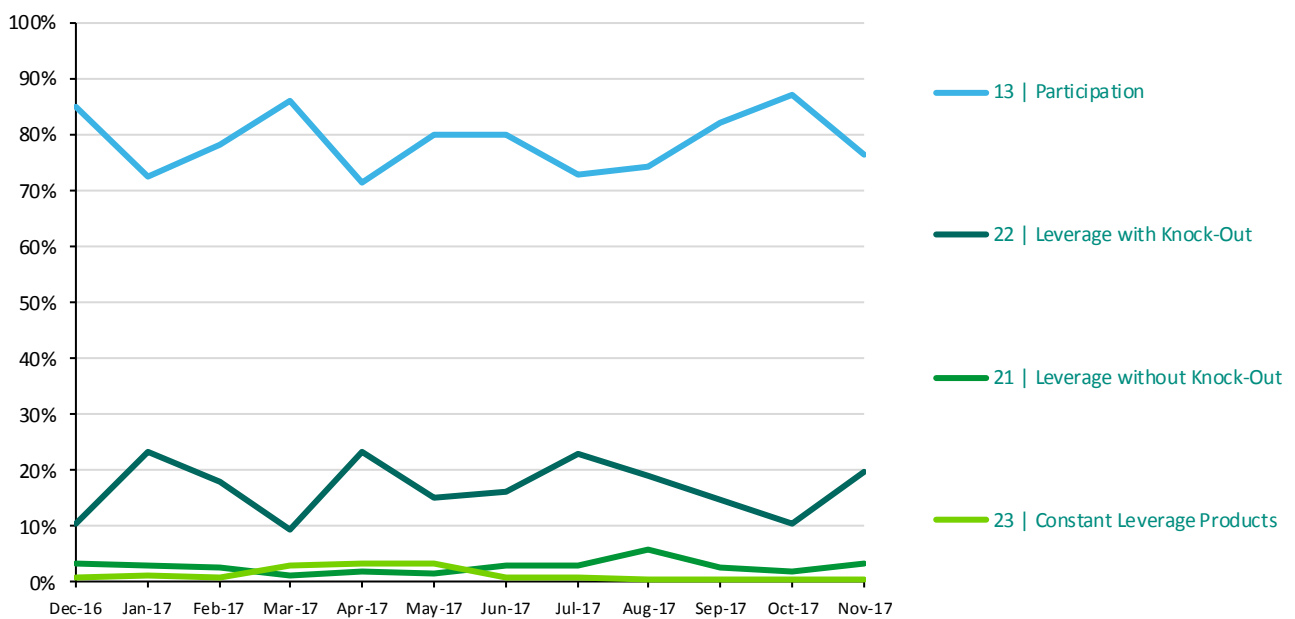
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

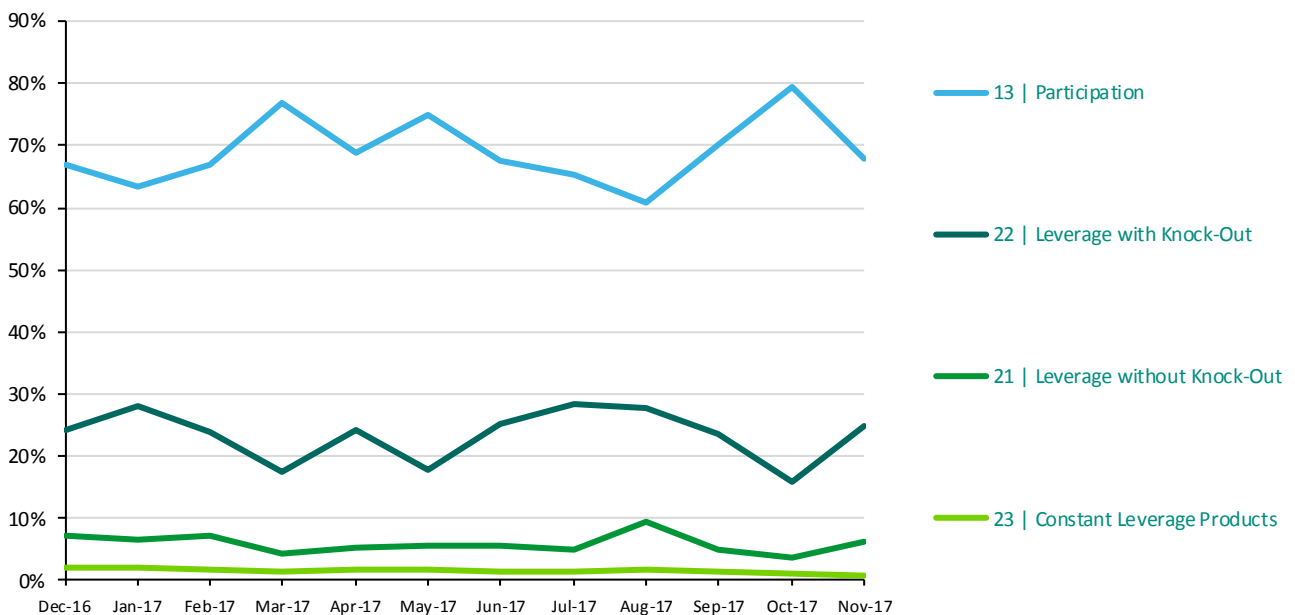
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

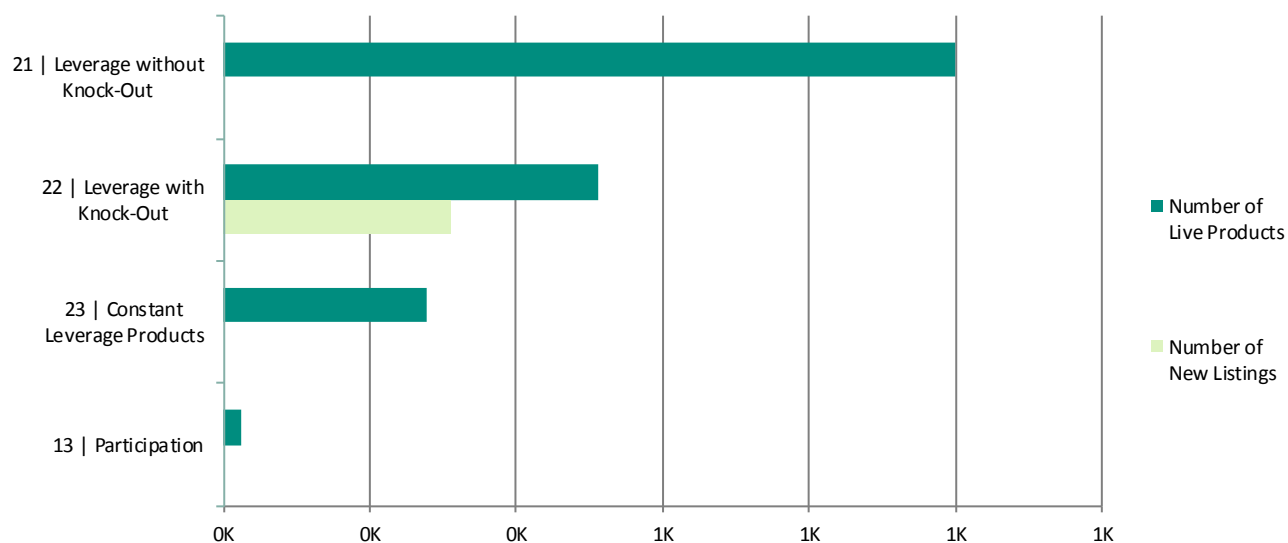
### Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product type (EUSIPA<sup>1</sup> categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
21   Leverage without Knock-Out	1,001	16.3%	9.0%	55.2%	0	-100%	-100%	0.0%
22   Leverage with Knock-Out	512	36%	-3.5%	28.2%	310	177%	44%	100.0%
23   Constant Leverage Products	278	2.0%	-0.2%	15.3%	0		-100%	0.0%
13   Participation	23	-0.2%	2.2%	1.3%	0		-100%	0.0%
<b>Total</b>	<b>1,814</b>	<b>18.3%</b>	<b>3.7%</b>	<b>100%</b>	<b>310</b>	<b>27.0%</b>	<b>-10.3%</b>	<b>100%</b>

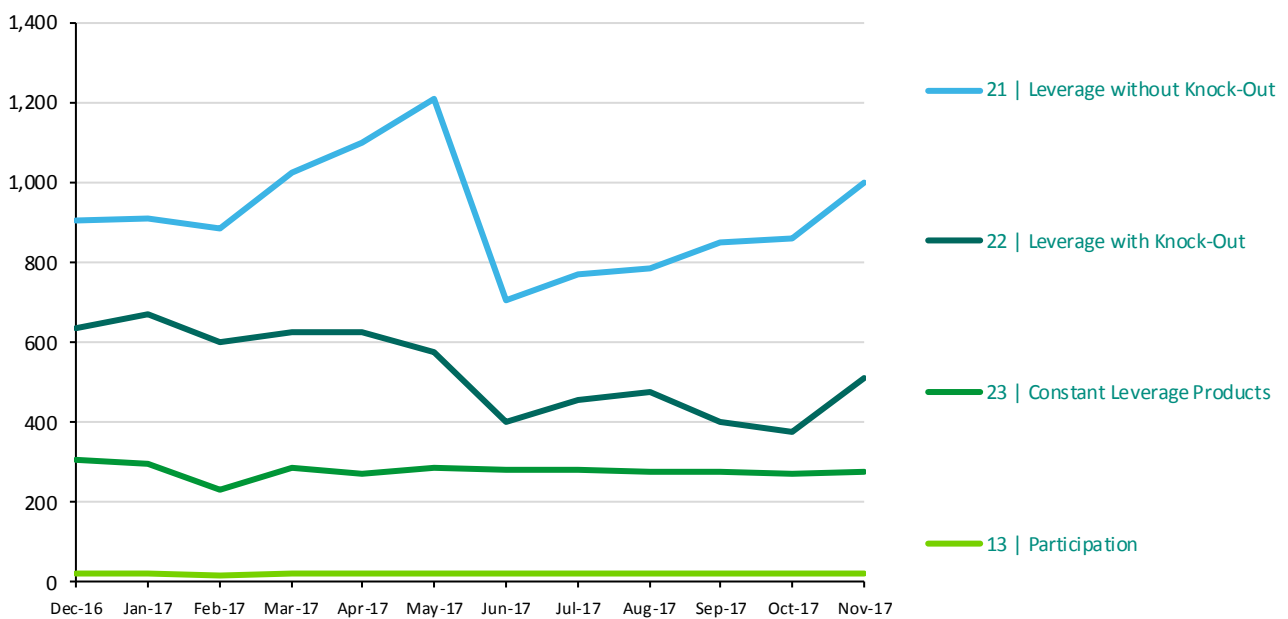
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

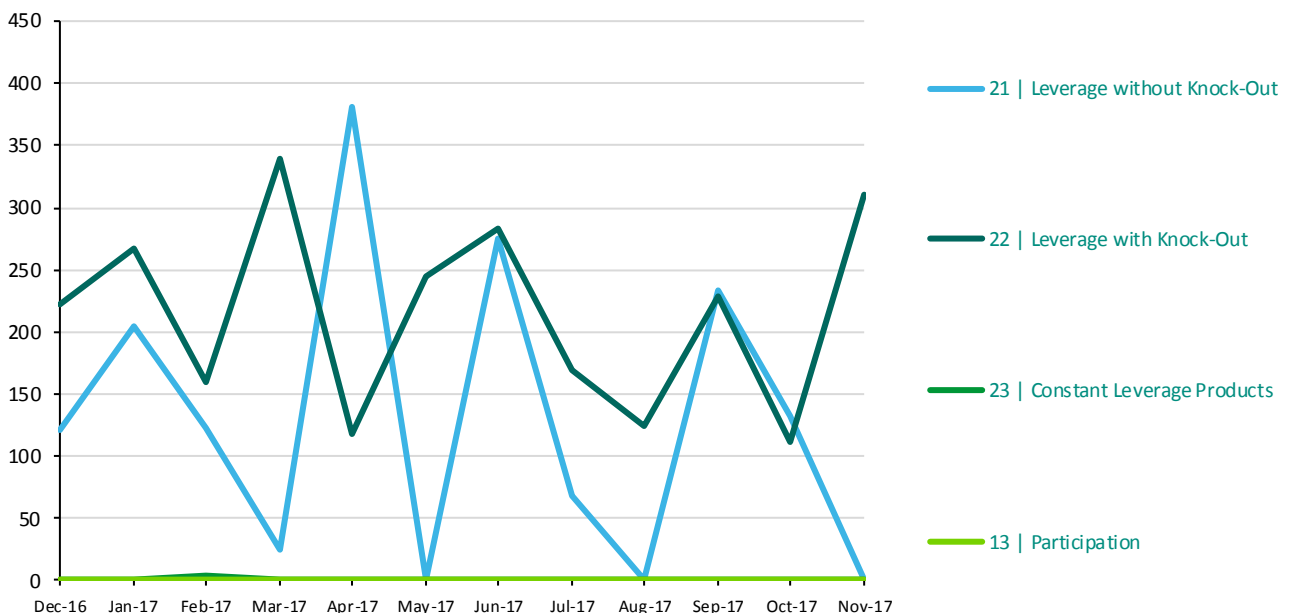
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Lisbon.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Lisbon.





# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

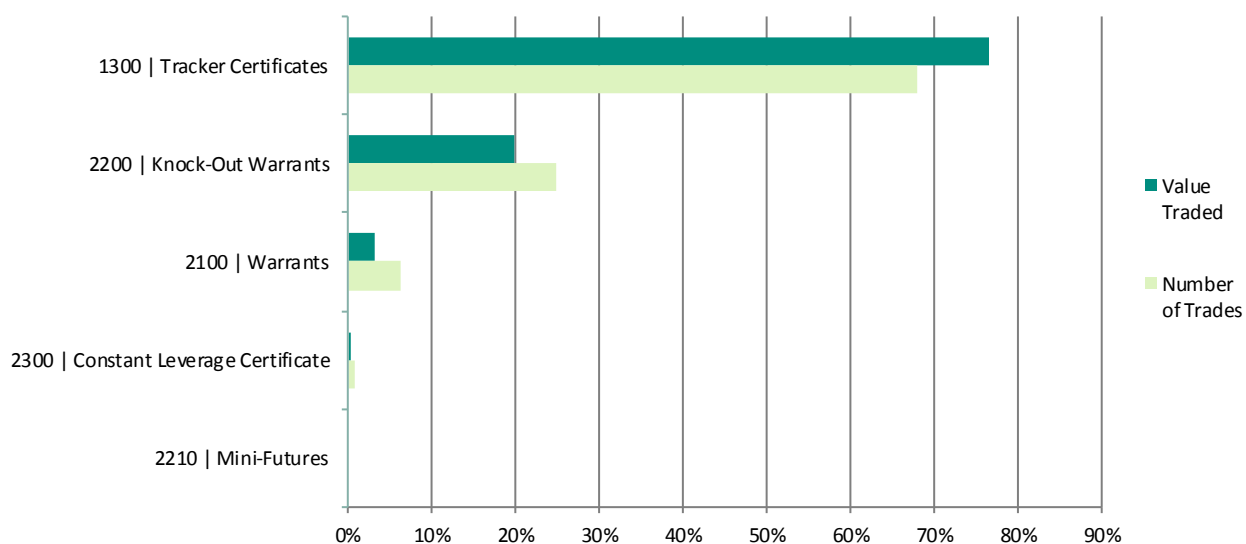
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Lisbon.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
1300   Tracker Certificates	3,715	-26%	9.0%	76.6%	375	-27%	4.1%	68.0%
2200   Knock-Out Warrants	960	56%	40%	19.8%	138	33%	17.4%	24.9%
2100   Warrants	155	42%	38%	3.2%	35	48%	16.7%	6.4%
2300   Constant Leverage Certificate	21	-7.8%	-65%	0.4%	3.9	-36%	-48%	0.7%
2210   Mini-Futures	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>4,851</b>	<b>-16.4%</b>	<b>13.7%</b>	<b>100%</b>	<b>552</b>	<b>-14.5%</b>	<b>7.0%</b>	<b>100%</b>

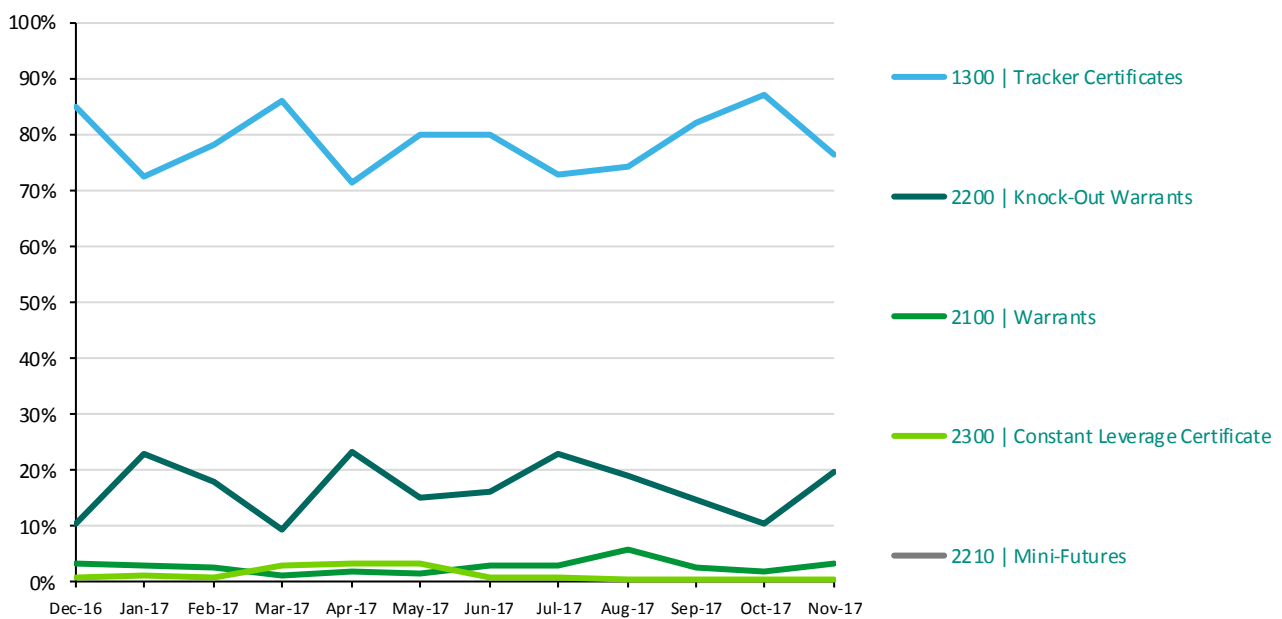
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

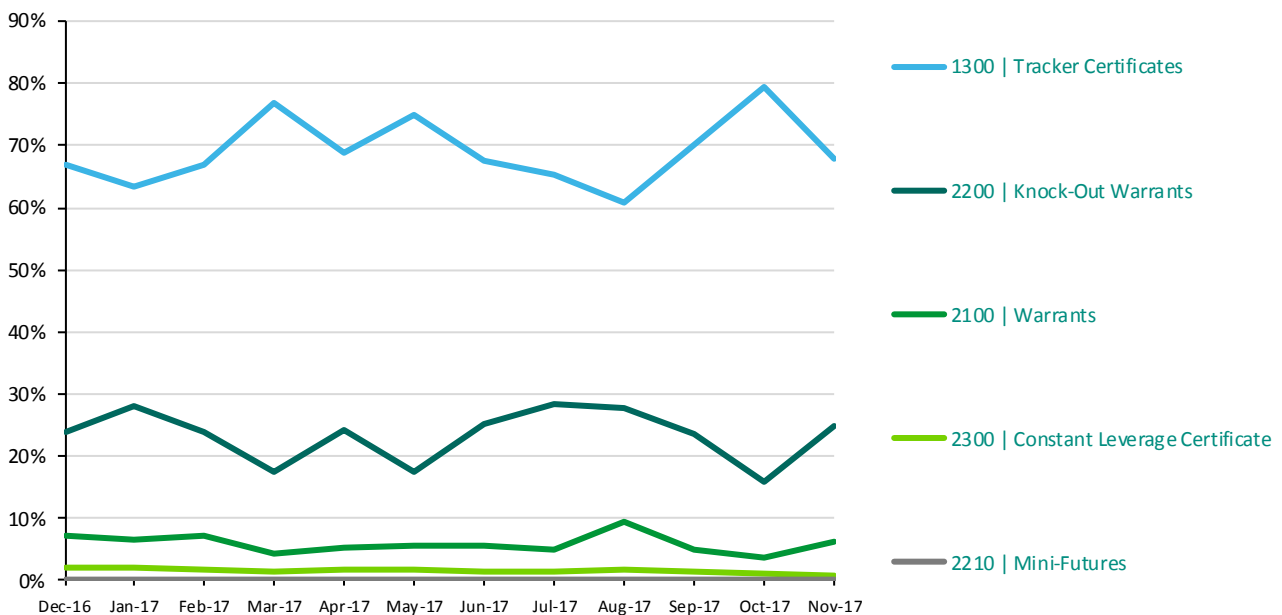
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

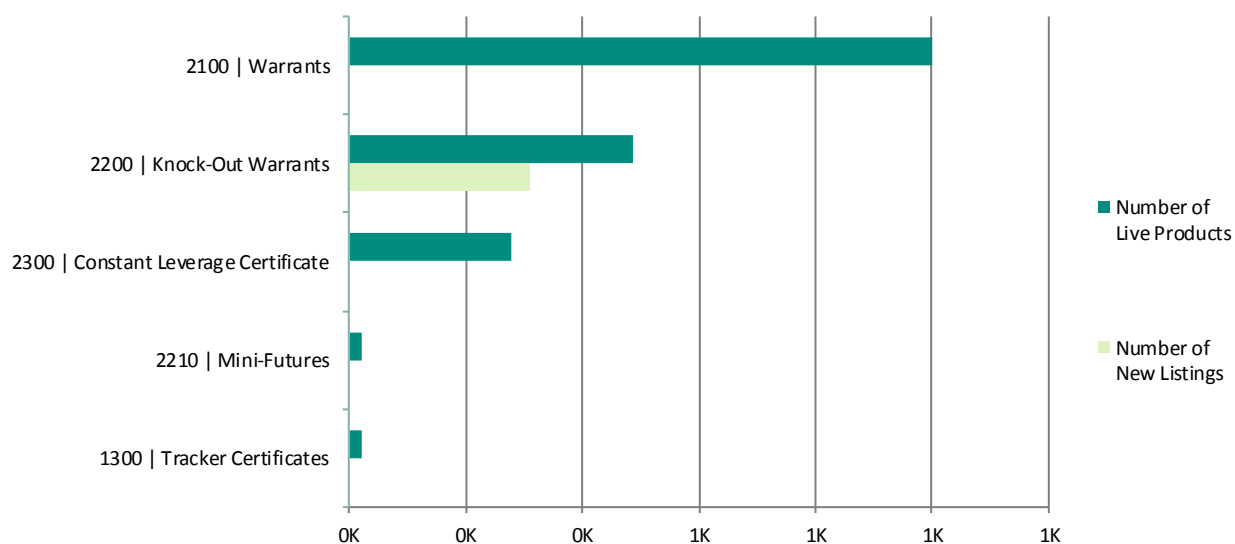
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	1,001	16.3%	9.0%	55.2%	0	-100%	-100%	0.0%
2200   Knock-Out Warrants	488	40%	6.7%	26.9%	310	177%	44%	100.0%
2300   Constant Leverage Certificate	278	2.0%	-0.2%	15.3%	0		-100%	0.0%
2210   Mini-Futures	23	-13.5%	-68%	1.3%	0			0.0%
1300   Tracker Certificates	23	-0.2%	2.2%	1.3%	0		-100%	0.0%
<b>Total</b>	<b>1,814</b>	<b>18.3%</b>	<b>3.7%</b>	<b>100%</b>	<b>310</b>	<b>27.0%</b>	<b>-10.3%</b>	<b>100%</b>

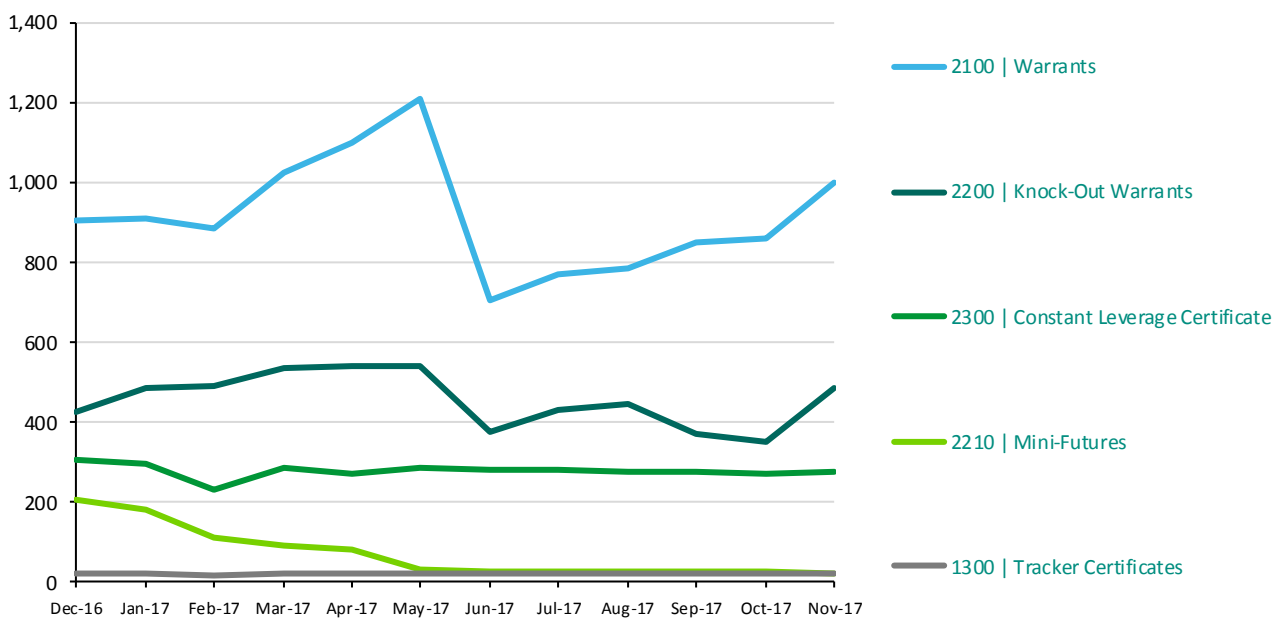
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

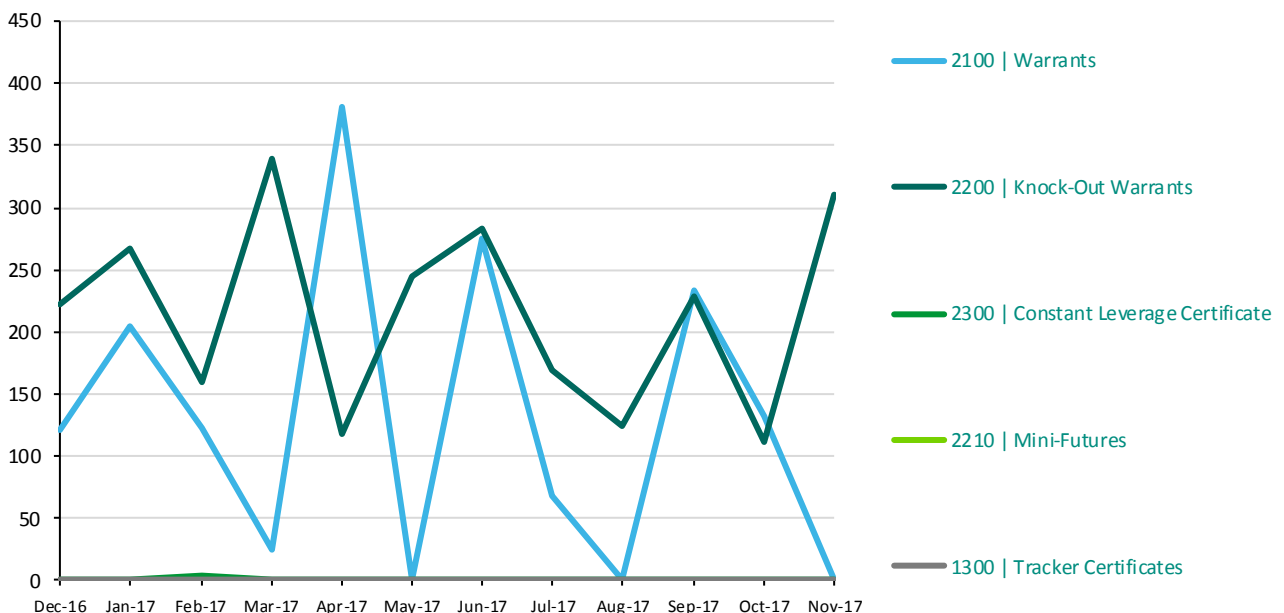
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Lisbon.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Lisbon.



# PRODUCT STRATEGIES

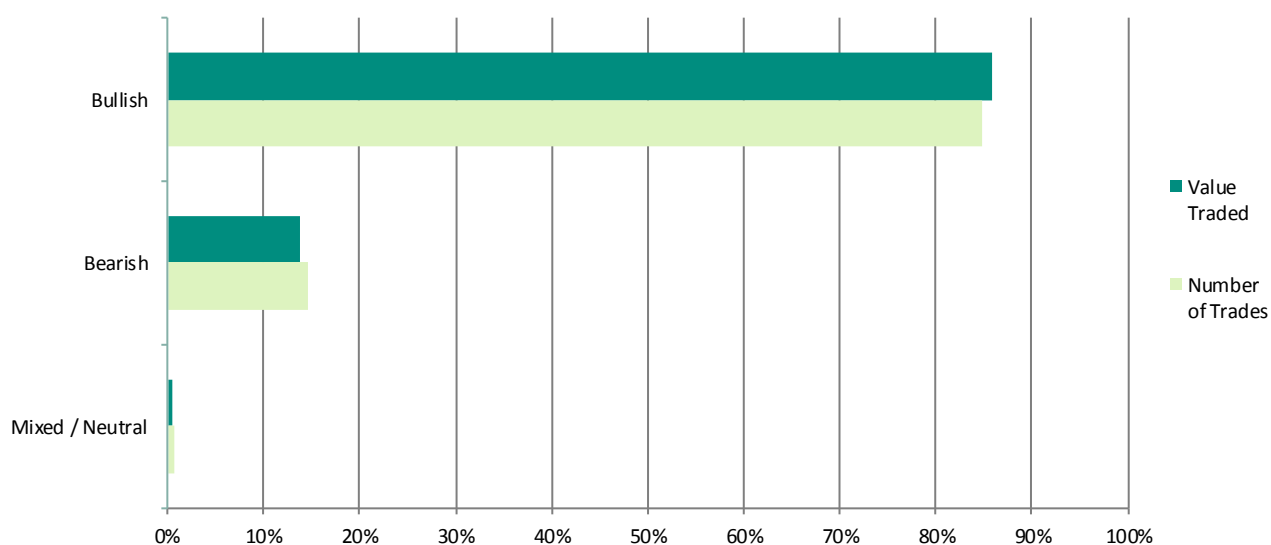
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	4,166	-23%	11.0%	85.9%	468	-17.0%	9.8%	84.8%
Bearish	665	73%	47%	13.7%	80	4.9%	-2.7%	14.6%
Mixed / Neutral	20	-10.2%	-66%	0.4%	3.5	-36%	-48%	0.6%
Total	4,851	-16.4%	13.7%	100%	552	-14.5%	7.0%	100%

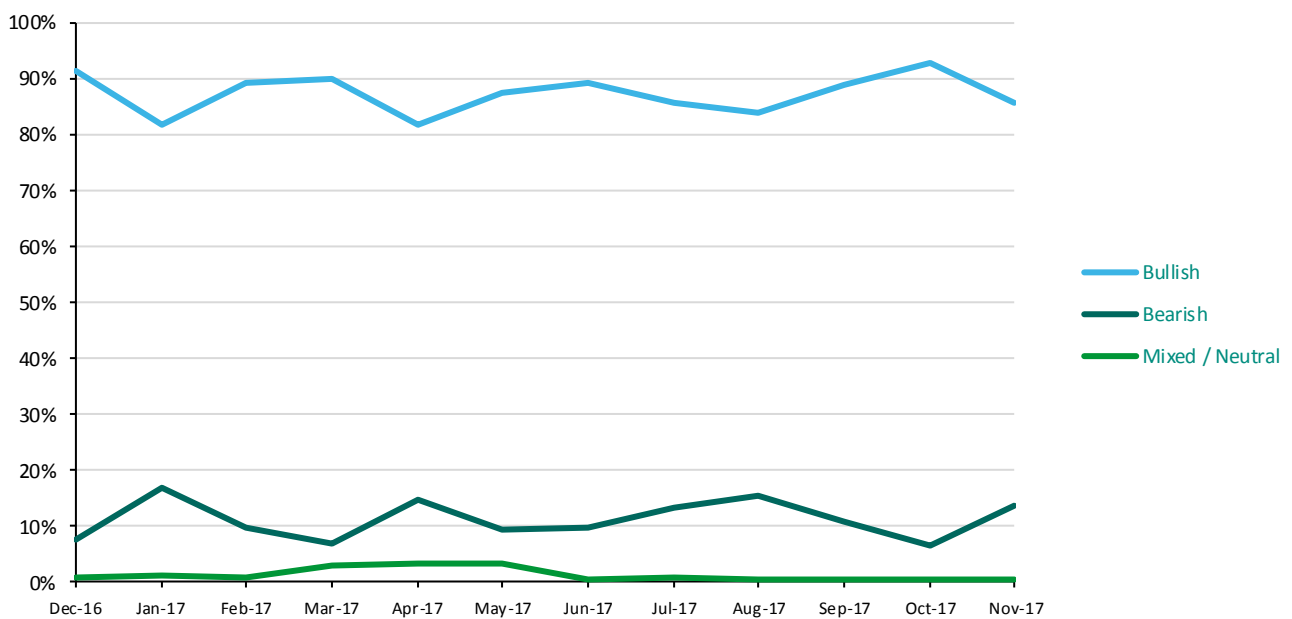
(Source Euronext)



# PRODUCT STRATEGIES

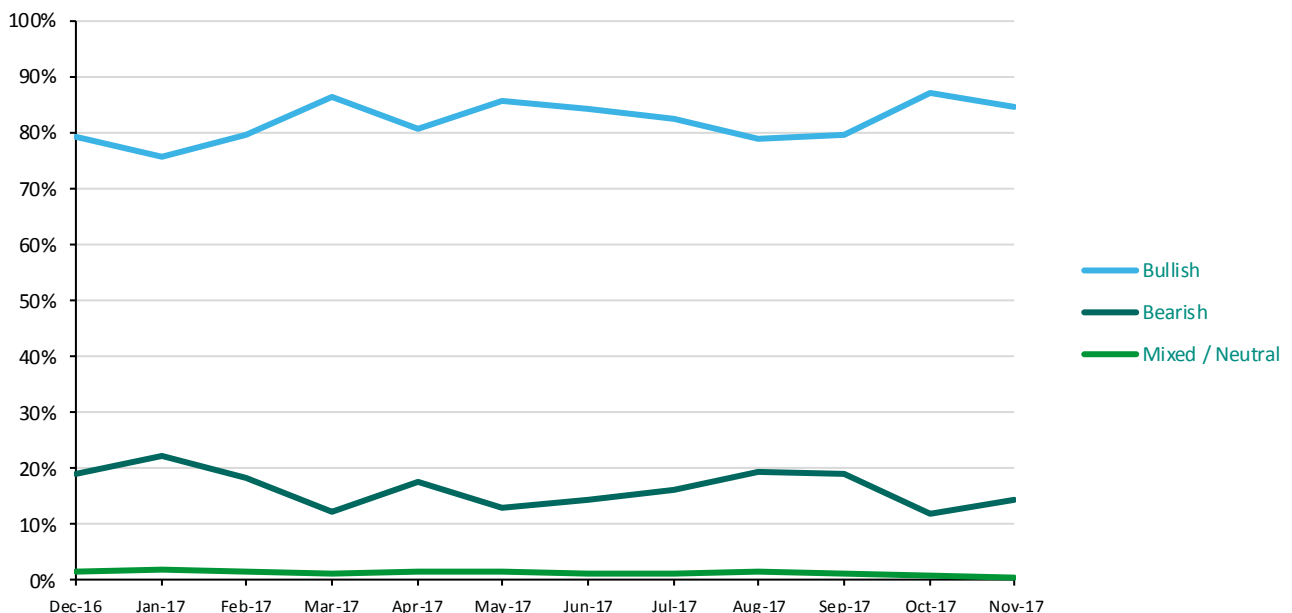
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

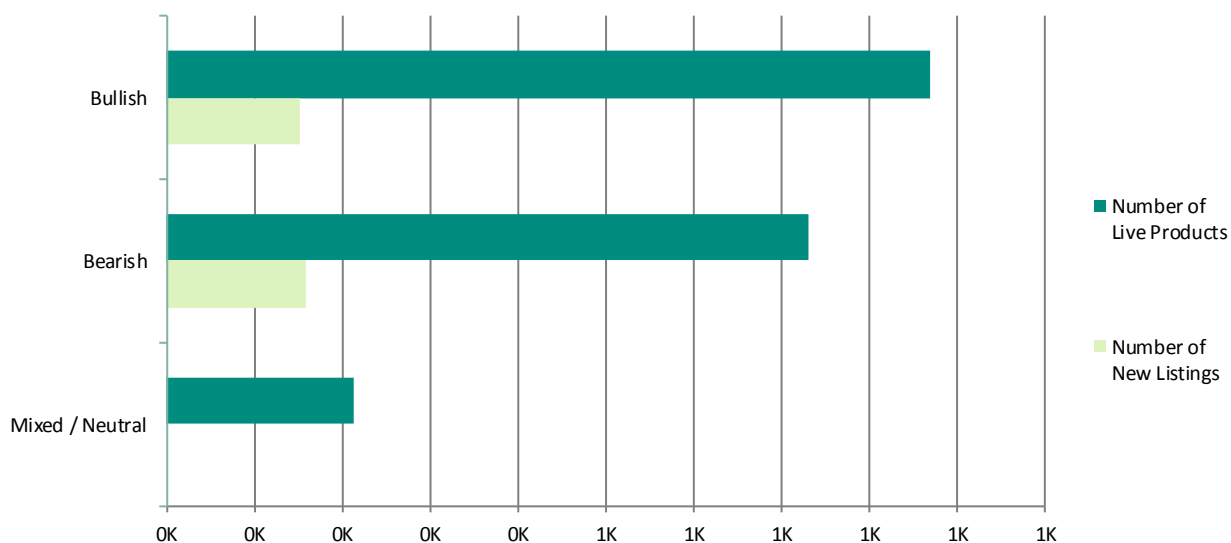
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	870	20%	4.9%	48.0%	152	27%	-11.1%	49.0%
Bearish	732	22%	2.9%	40.3%	158	27%	-9.4%	51.0%
Mixed / Neutral	212	2.1%	1.3%	11.7%	0		-100%	0.0%
<b>Total</b>	<b>1,814</b>	<b>18.3%</b>	<b>3.7%</b>	<b>100%</b>	<b>310</b>	<b>27.0%</b>	<b>-10.3%</b>	<b>100%</b>

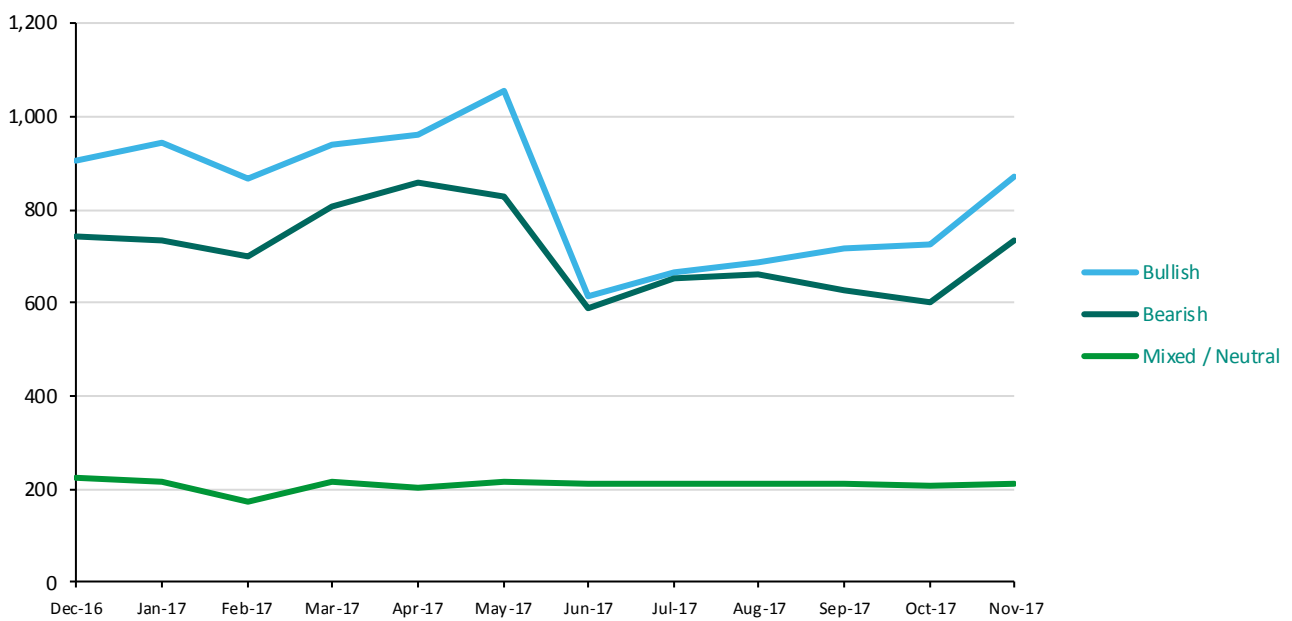
(Source Euronext)



# PRODUCT STRATEGIES

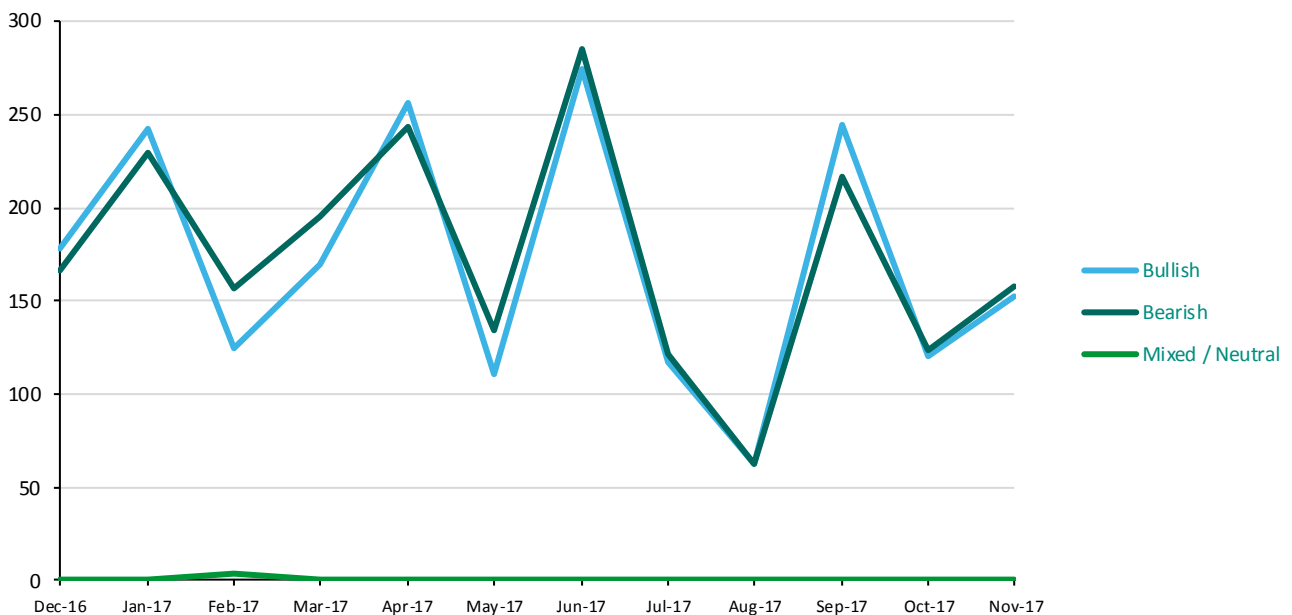
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Lisbon.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Lisbon.





# UNDERLYING TYPES

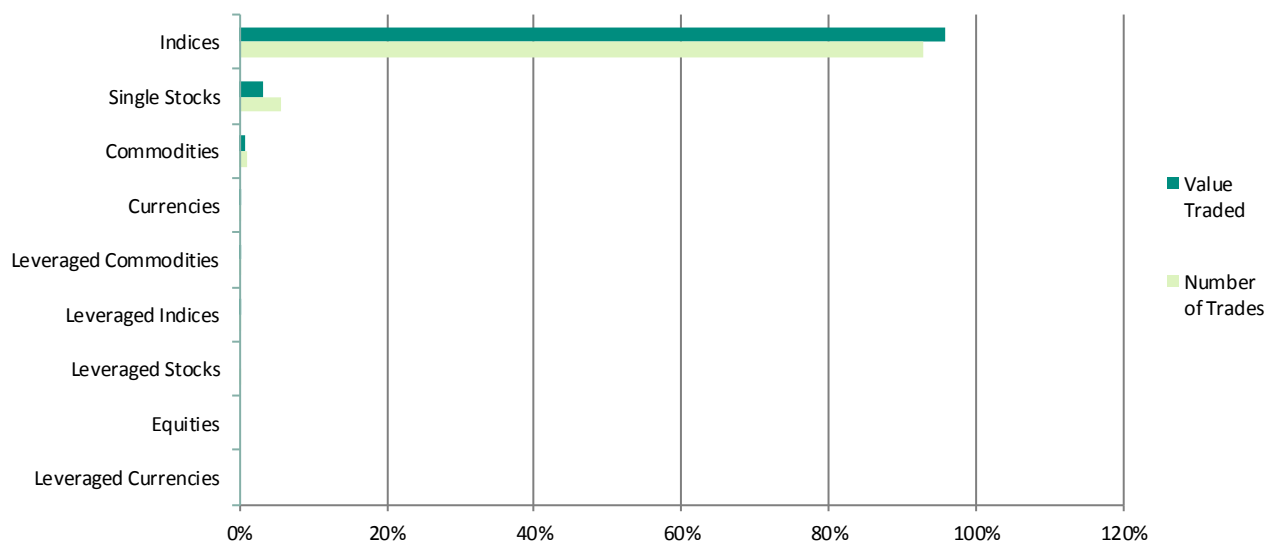
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	4,654	-15.1%	15.8%	95.9%	513	-14.1%	8.9%	93.0%
Single Stocks	156	-33%	-10.1%	3.2%	31	-13.4%	5.4%	5.6%
Commodities	38	-52%	-45%	0.8%	6.1	-41%	-49%	1.1%
Currencies	2	-68%	-56%	0.0%	1.0	-24%	-57%	0.2%
Leveraged Commodities	1		830%	0.0%	0.1		95%	0.0%
Leveraged Indices	0	-91%	-91%	0.0%	0.1	-71%	-62%	0.0%
Leveraged Stocks	0	-99%	-100%	0.0%	0.1	-25%	-40%	0.0%
Equities	0			0.0%	0.0			0.0%
Leveraged Currencies	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>4,851</b>	<b>-16.4%</b>	<b>13.7%</b>	<b>100%</b>	<b>552</b>	<b>-14.5%</b>	<b>7.0%</b>	<b>100%</b>

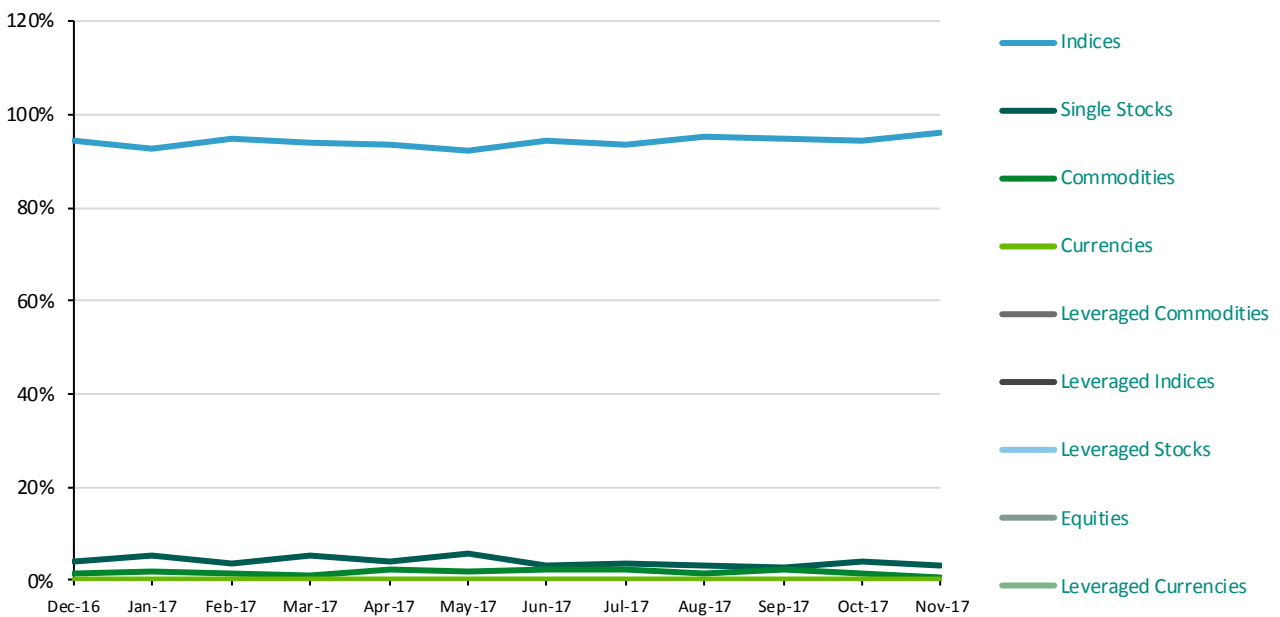
(Source Euronext)



# UNDERLYING TYPES

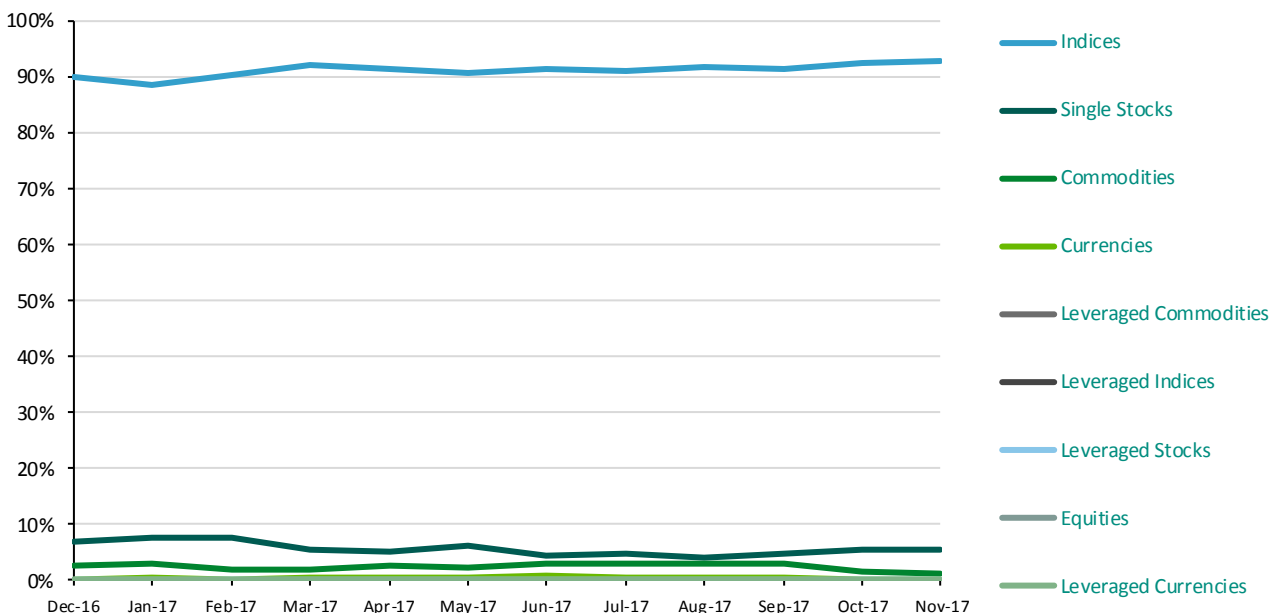
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# UNDERLYING TYPES

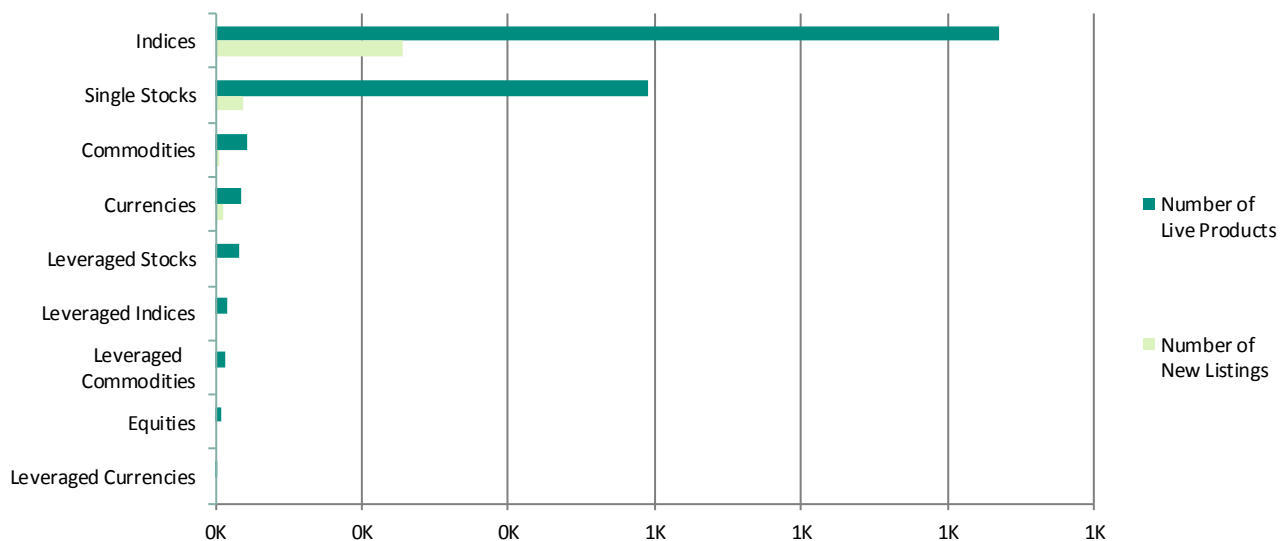
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	1,071	35%	18.7%	59.0%	255	14.9%	3.4%	82.3%
Single Stocks	592	2.8%	-14.8%	32.6%	38	81%	-54%	12.3%
Commodities	43	-29%	-24%	2.4%	6		-23%	1.9%
Currencies	35	17.8%	55%	1.9%	11	NA	45%	3.5%
Leveraged Stocks	33	1.4%	-8.1%	1.8%	0			0.0%
Leveraged Indices	17	3.3%	-0.9%	0.9%	0			0.0%
Leveraged Commodities	13	0.0%	5.7%	0.7%	0			0.0%
Equities	8	0.0%	35%	0.4%	0		-100%	0.0%
Leveraged Currencies	3	0.0%	-14.8%	0.2%	0			0.0%
<b>Total</b>	<b>1,814</b>	<b>18.3%</b>	<b>3.7%</b>	<b>100%</b>	<b>310</b>	<b>27.0%</b>	<b>-10.3%</b>	<b>100%</b>

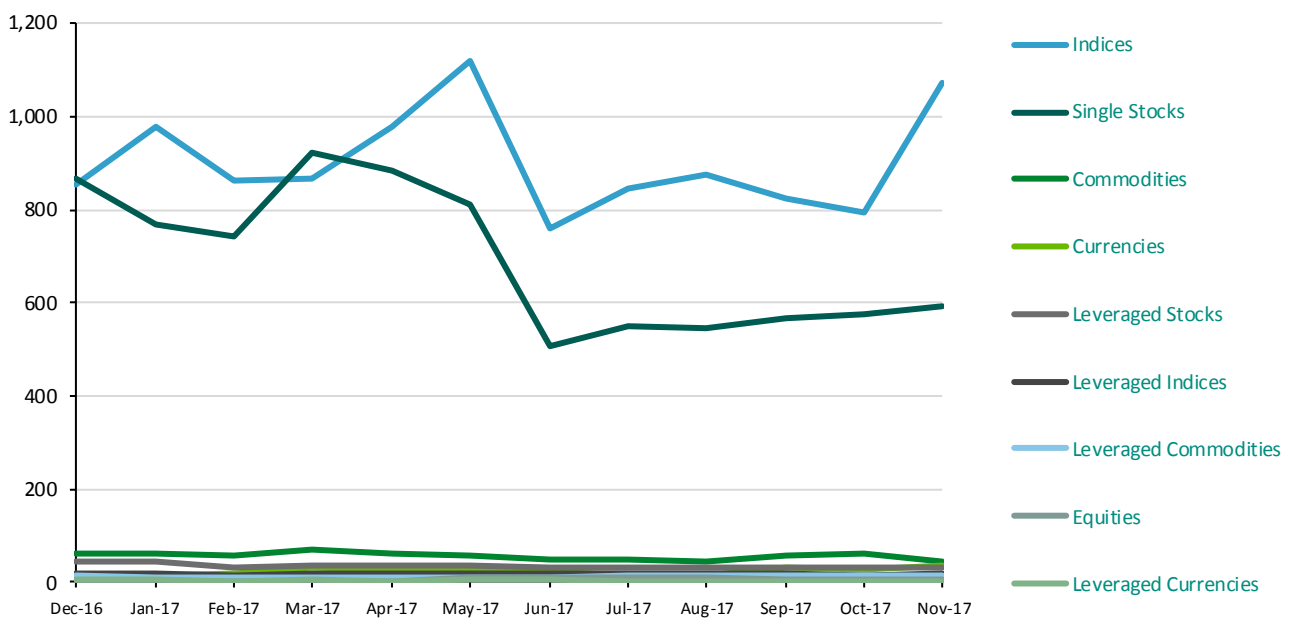
(Source Euronext)



# UNDERLYING TYPES

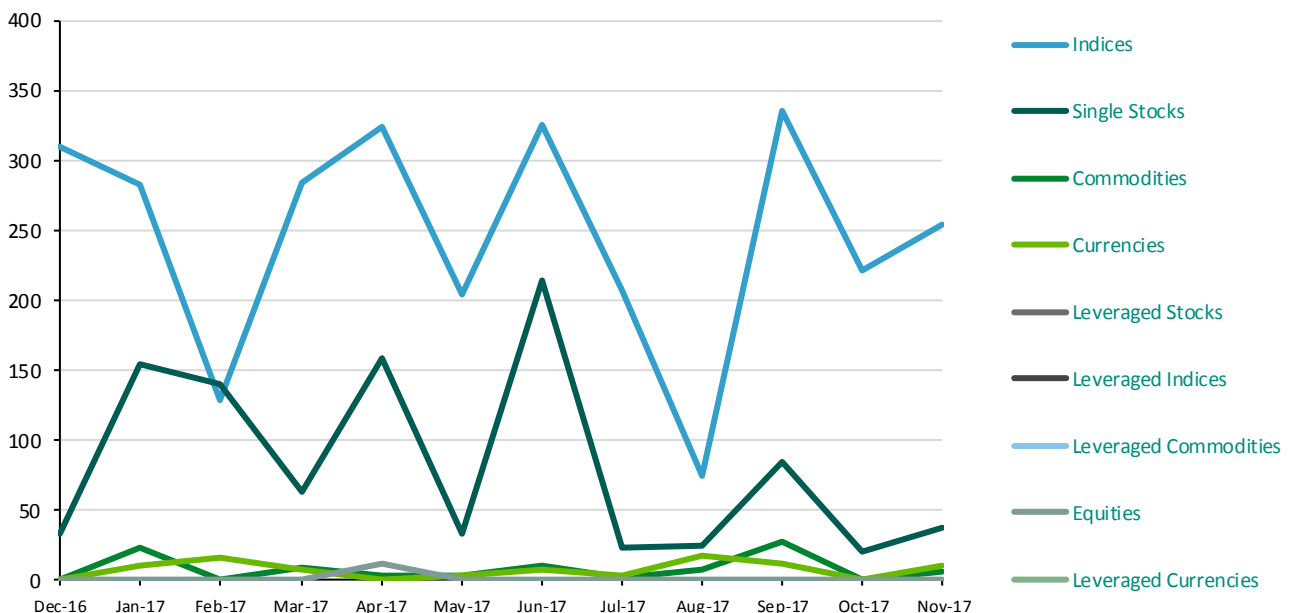
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euronext Lisbon.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euronext Lisbon.



# TOP 10 UNDERLYING COUNTRIES

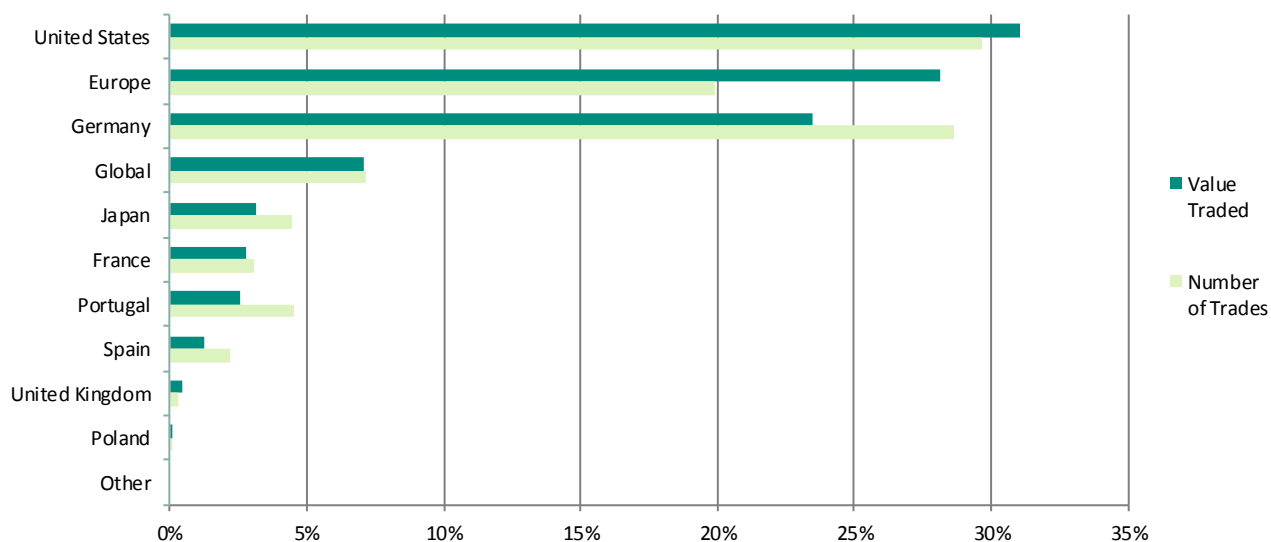
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
United States	1,508	-20%	26%	31.1%	164	-22%	11.9%	29.7%
Europe	1,366	-22%	31%	28.2%	110	-27%	14.7%	19.9%
Germany	1,138	44%	17.1%	23.5%	158	36%	12.7%	28.7%
Global	344	-36%	-42%	7.1%	39	-27%	-36%	7.1%
Japan	152	9.2%	44%	3.1%	25	23%	44%	4.5%
France	135	-46%	-5.7%	2.8%	17	-49%	-8.7%	3.0%
Portugal	122	-43%	6.1%	2.5%	25	-18.0%	20%	4.5%
Spain	62	-68%	-19.7%	1.3%	12	-57%	-5.2%	2.2%
United Kingdom	21	-27%	19.8%	0.4%	1.8	-39%	-20.0%	0.3%
Poland	3	-53%		0.1%	0.4	-61%		0.1%
Other	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>4,851</b>	<b>-16.4%</b>	<b>13.7%</b>	<b>100%</b>	<b>552</b>	<b>-14.5%</b>	<b>7.0%</b>	<b>100%</b>

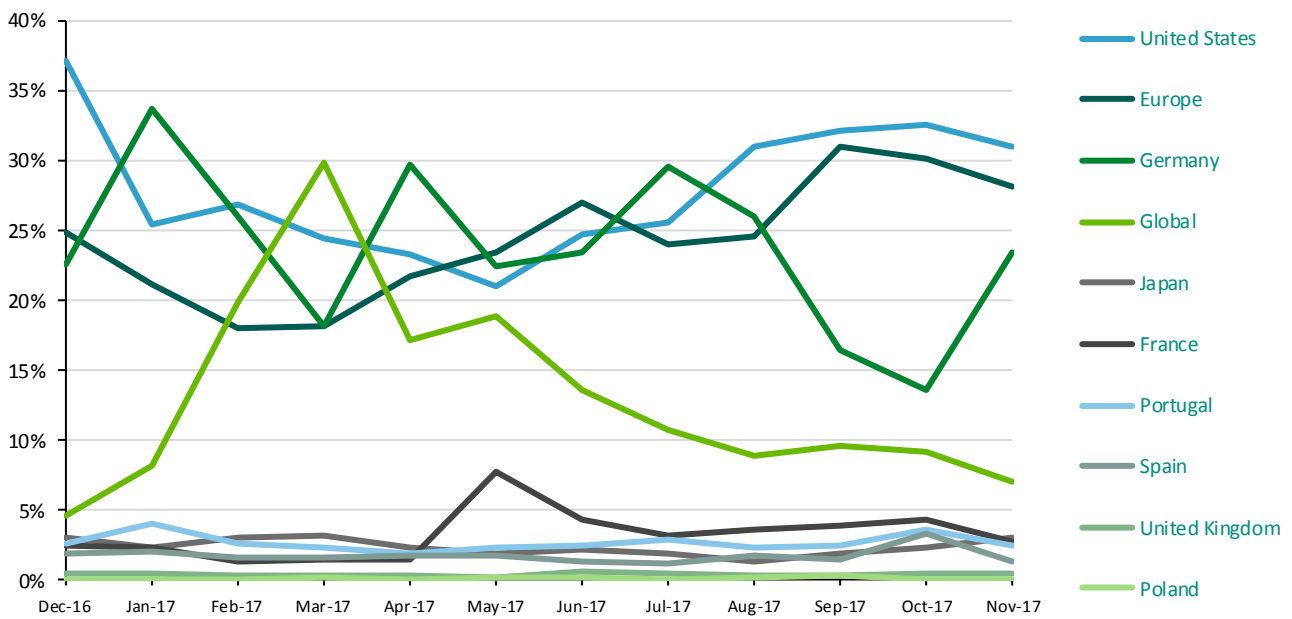
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

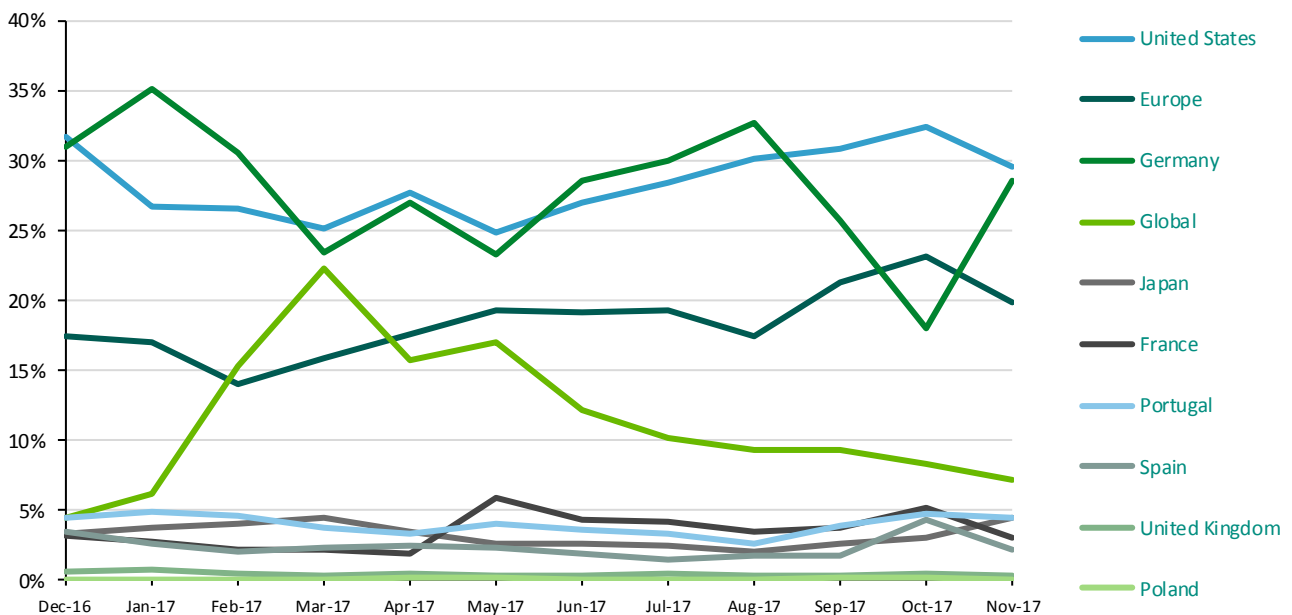
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

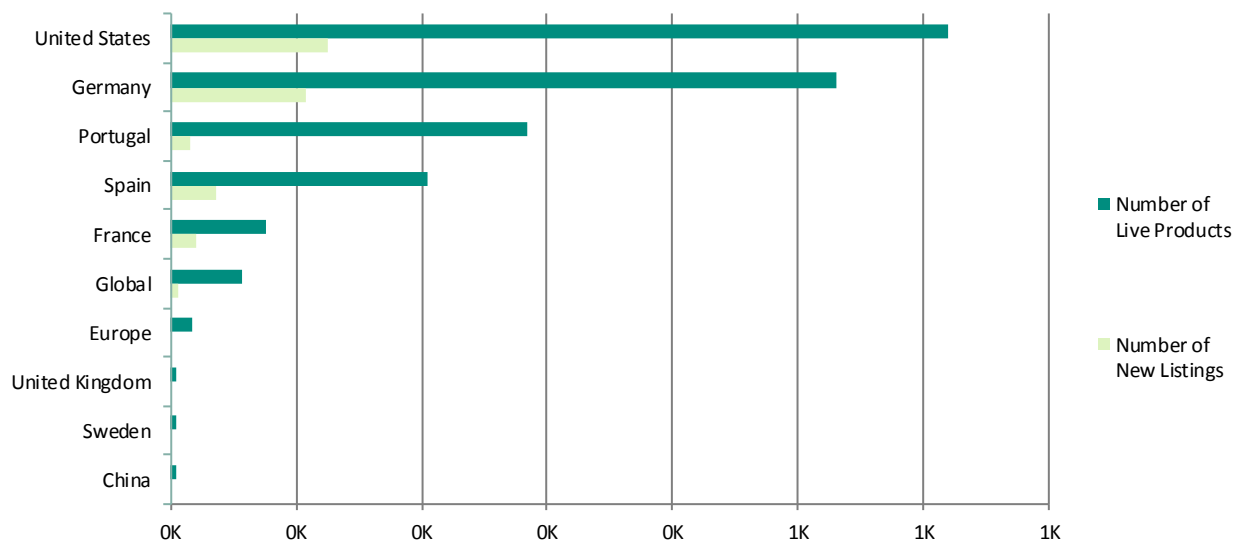
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
United States	620	14.4%	8.3%	34.2%	125	123%	2.2%	40.3%
Germany	531	44%	0.6%	29.3%	108	-20.0%	-13.9%	34.8%
Portugal	285	2.3%	3.3%	15.7%	15	650%	-48%	4.8%
Spain	204	26%	27%	11.2%	36	-12.2%	-7.9%	11.6%
France	75	14.0%	-13.0%	4.2%	20	233%	26%	6.5%
Global	57	-23%	-18.7%	3.1%	6		-24%	1.9%
Europe	17	2.7%	-45%	1.0%	0	-100%	-100%	0.0%
United Kingdom	5	0.0%	-10.6%	0.3%	0			0.0%
Sweden	4	0.0%	2.2%	0.2%	0			0.0%
China	4	0.0%	2.2%	0.2%	0			0.0%
Other	11	-0.4%	-3.8%	0.6%	0			0.0%
<b>Total</b>	<b>1,814</b>	<b>18.3%</b>	<b>3.7%</b>	<b>100%</b>	<b>310</b>	<b>27.0%</b>	<b>-10.3%</b>	<b>100%</b>

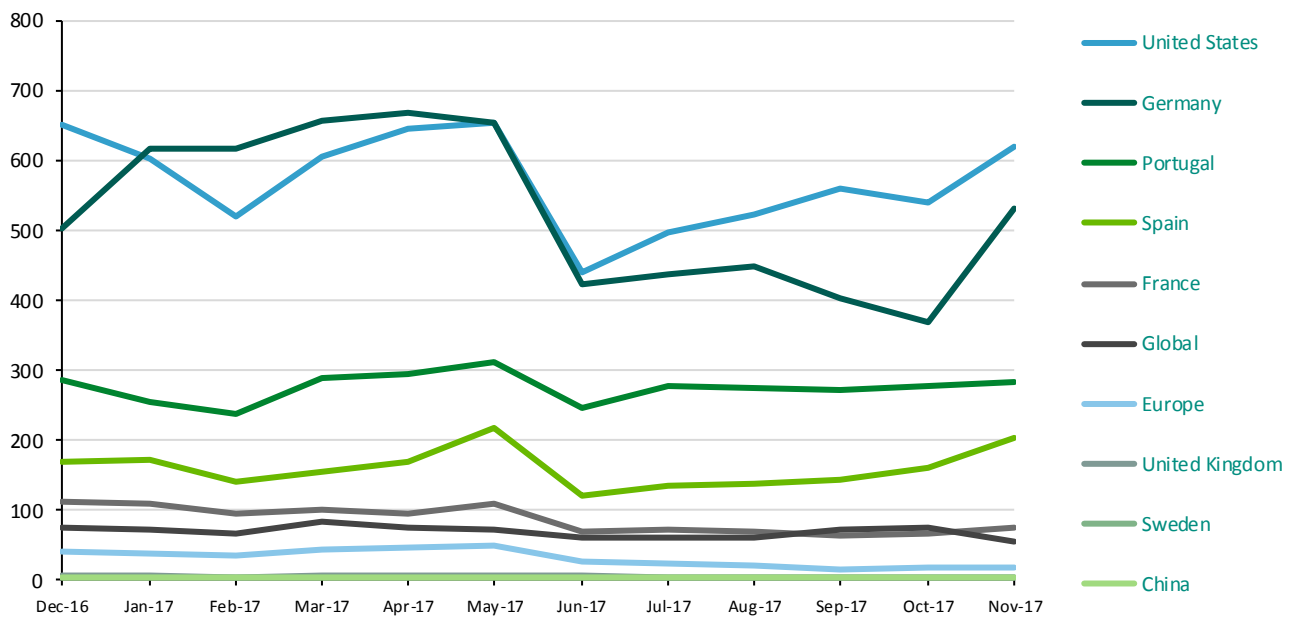
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

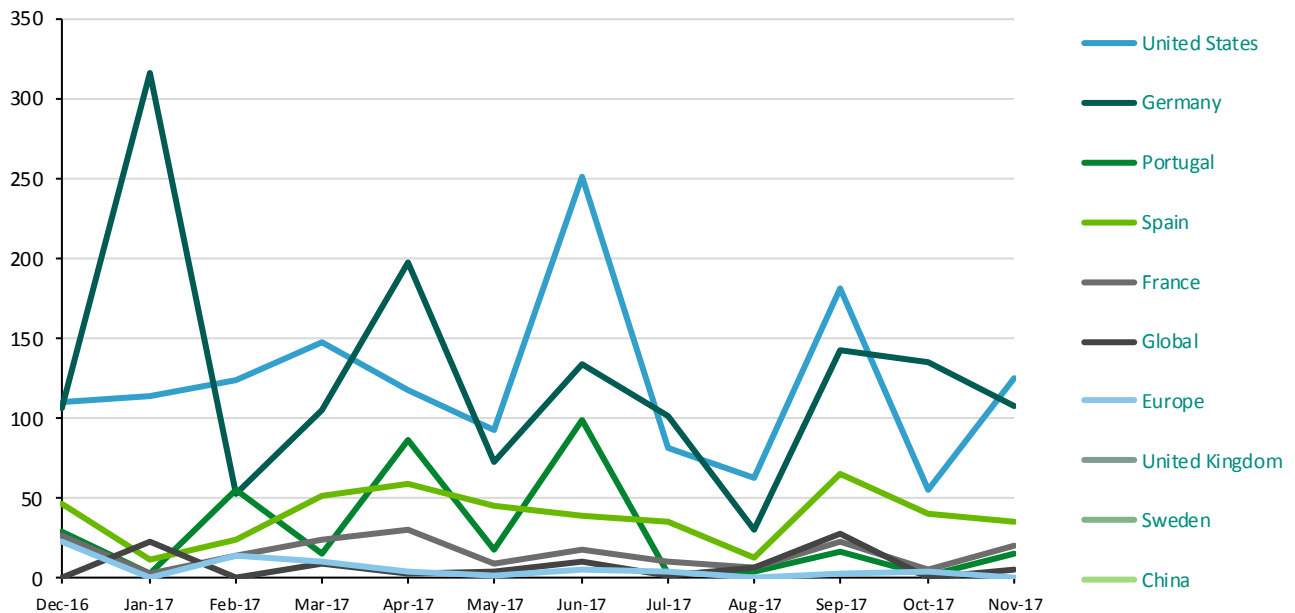
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euronext Lisbon.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euronext Lisbon.





# TOP 10 UNDERLYINGS

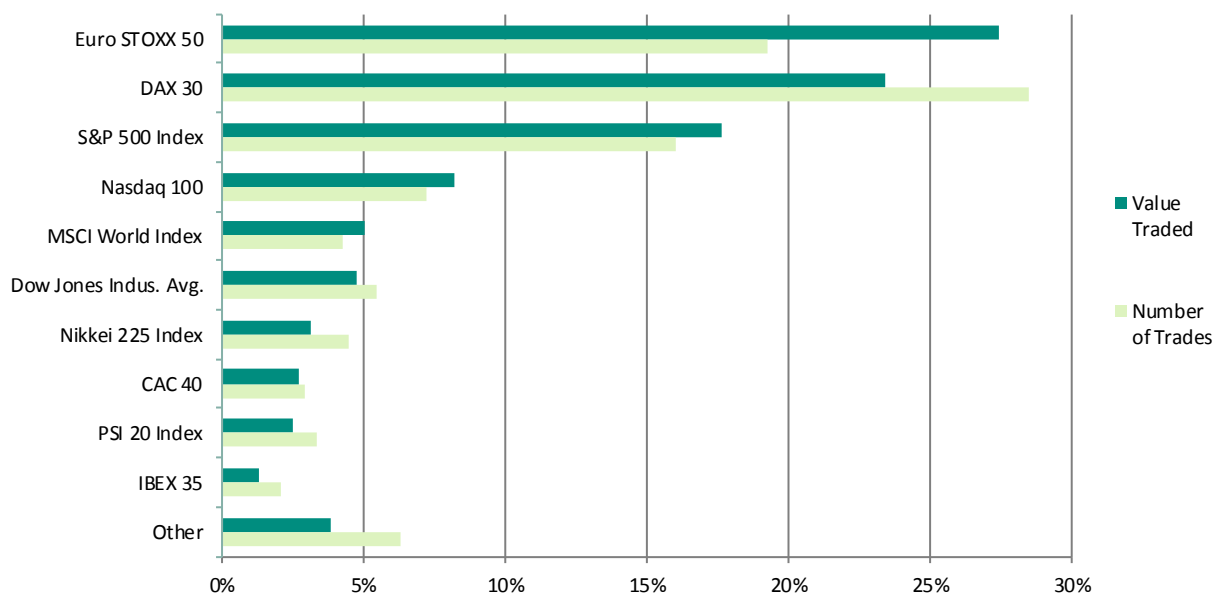
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Euro STOXX 50	1,333	-21%	32%	27.5%	107	-27%	14.2%	19.3%
DAX 30	1,135	45%	21%	23.4%	157	37%	15.8%	28.5%
S&P 500 Index	856	-22%	12.9%	17.6%	89	-26%	4.4%	16.1%
Nasdaq 100	399	-9.6%	109%	8.2%	40	-2.7%	52%	7.2%
MSCI World Index	246	-34%	-46%	5.1%	24	-24%	-41%	4.3%
Dow Jones Indus. Avg.	231	-33%	-0.3%	4.8%	30	-33%	4.0%	5.5%
Nikkei 225 Index	152	9.2%	44%	3.1%	25	23%	44%	4.5%
CAC 40	133	-46%	-1.1%	2.7%	16	-51%	-9.3%	2.9%
PSI 20 Index	120	-43%	10.3%	2.5%	19	-32%	10.4%	3.4%
IBEX 35	62	-68%	-19.9%	1.3%	11	-58%	-6.9%	2.1%
Other	184	-37%	-30%	3.8%	35	-15.3%	-16.7%	6.3%
<b>Total</b>	<b>4,851</b>	<b>-16.4%</b>	<b>13.7%</b>	<b>100%</b>	<b>552</b>	<b>-14.5%</b>	<b>7.0%</b>	<b>100%</b>

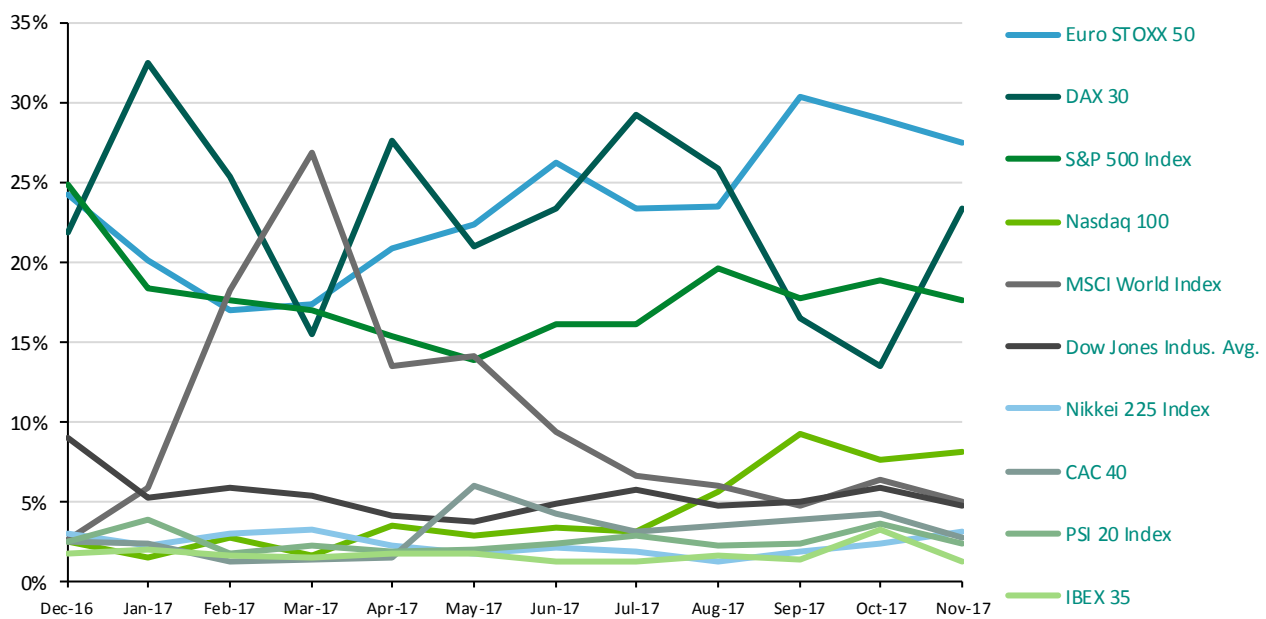
(Source Euronext)



# TOP 10 UNDERLYINGS

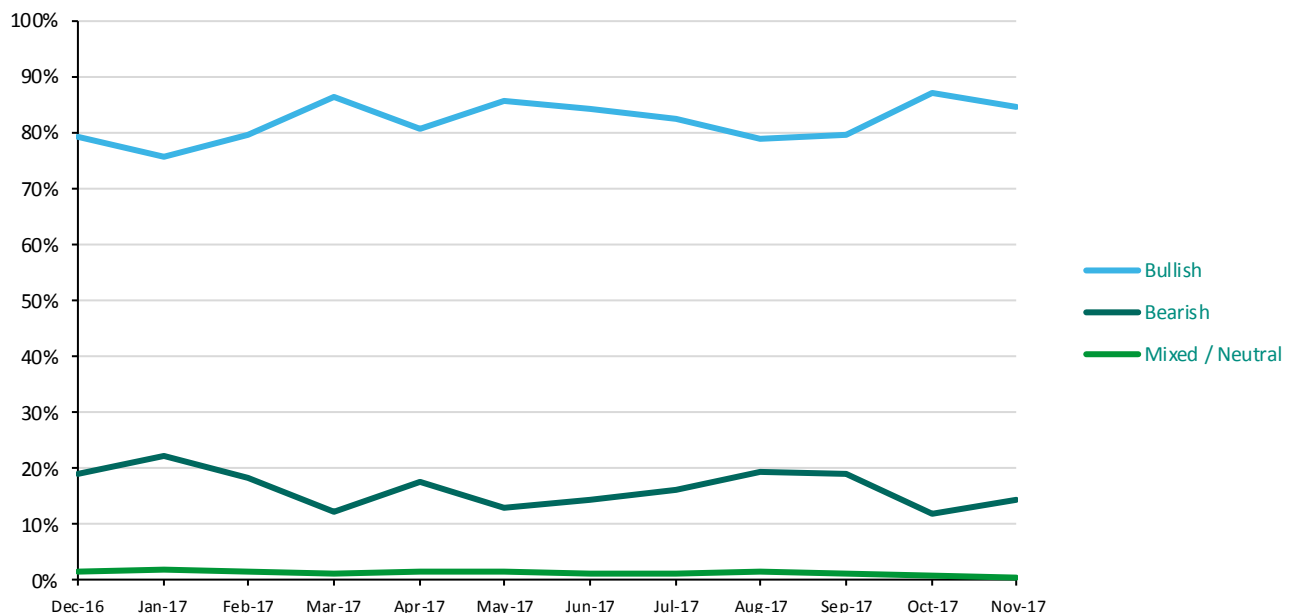
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euronext Lisbon.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euronext Lisbon.



# TOP 10 UNDERLYINGS

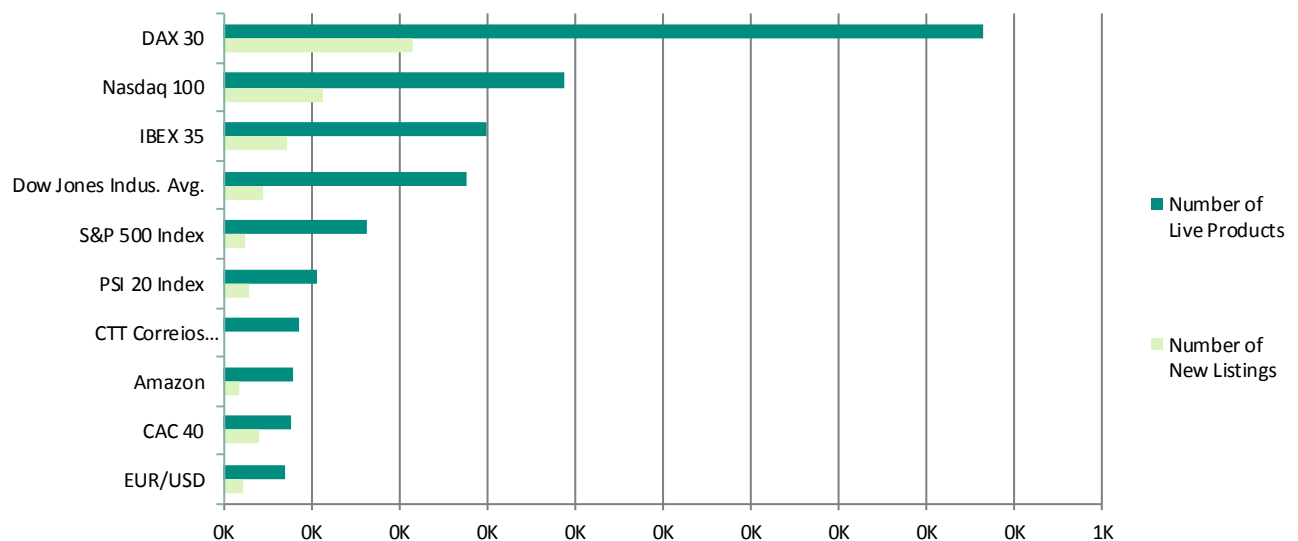
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
DAX 30	432	52%	20%	23.8%	108	-10.7%	0.5%	34.8%
Nasdaq 100	194	33%	30%	10.7%	57	73%	32%	18.4%
IBEX 35	150	39%	33%	8.3%	36	-12.2%	2.9%	11.6%
Dow Jones Indus. Avg.	139	14.6%	22%	7.6%	22	69%	-16.2%	7.1%
S&P 500 Index	81	13.4%	6.9%	4.5%	12	200%	-22%	3.9%
PSI 20 Index	54	23%	-4.0%	3.0%	15	650%	20.0%	4.8%
CTT Correios Deportugal	42	-7.9%	5.0%	2.3%	0		-100%	0.0%
Amazon	39	-0.5%	6.7%	2.2%	9	350%	23%	2.9%
CAC 40	38	32%	-6.2%	2.1%	20	233%	50%	6.5%
EUR/USD	35	17.8%	55%	1.9%	11	NA	45%	3.5%
Other	610	-1.0%	-17.9%	33.6%	20	-4.8%	-73%	6.5%
<b>Total</b>	<b>1,814</b>	<b>18.3%</b>	<b>3.7%</b>	<b>100%</b>	<b>310</b>	<b>27.0%</b>	<b>-10.3%</b>	<b>100%</b>

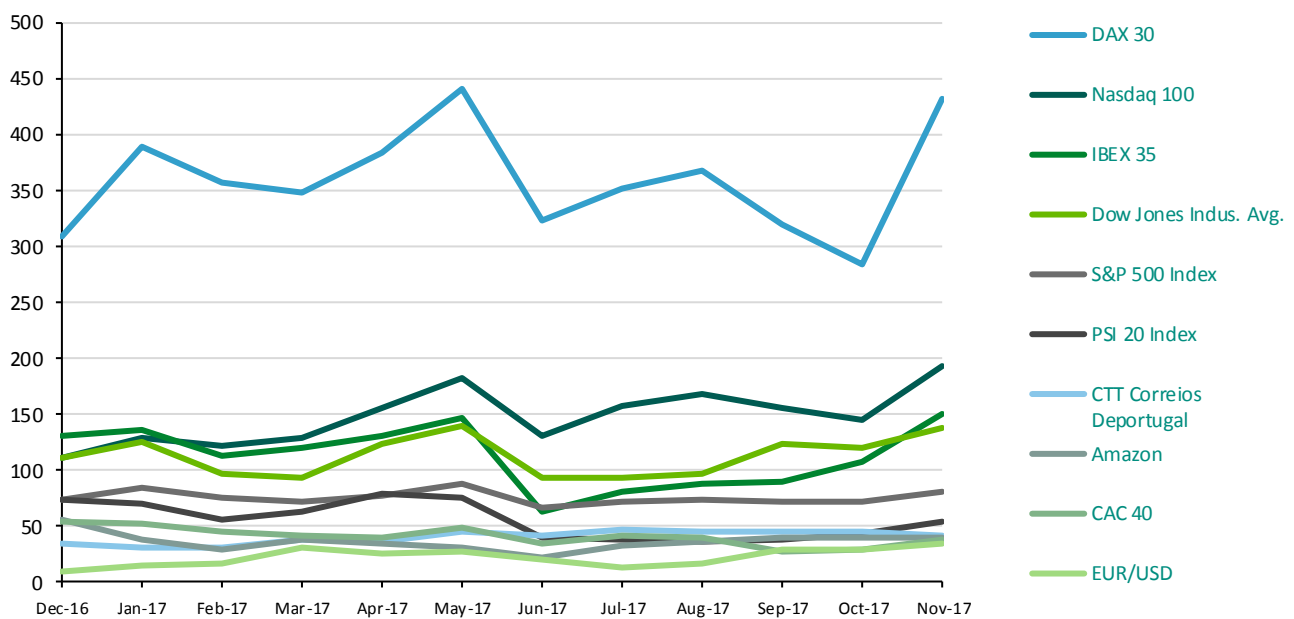
(Source Euronext)



# TOP 10 UNDERLYINGS

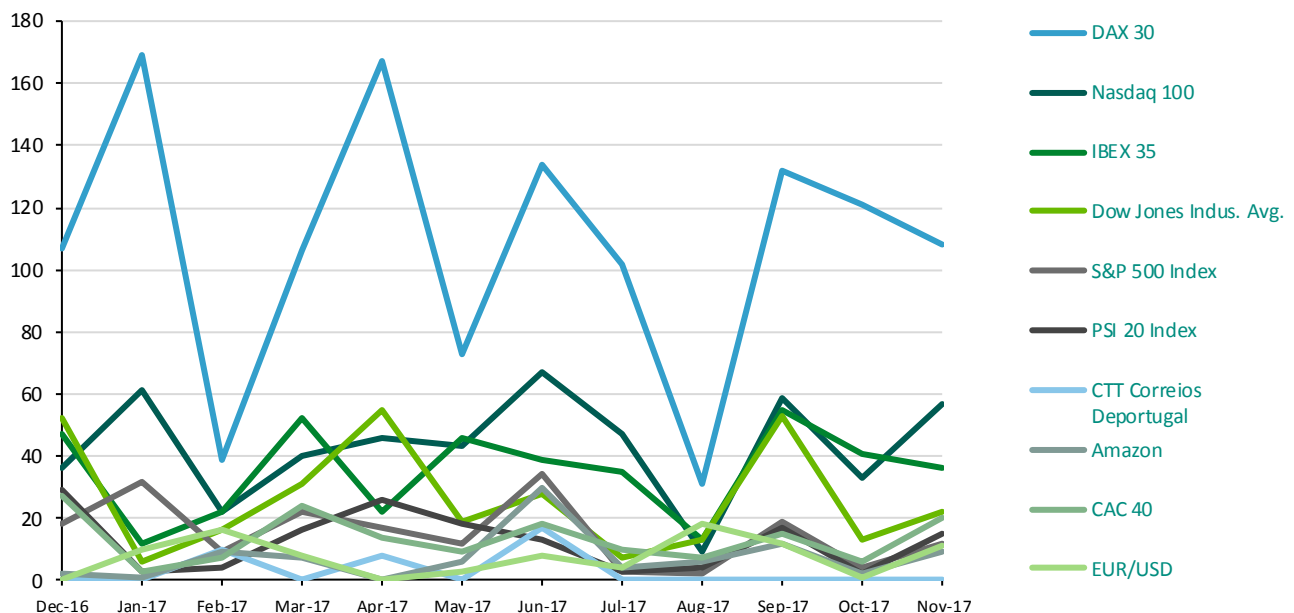
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext Lisbon.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euronext Lisbon.



# 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.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	58,672	4,688
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	37,586	3,836
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	13,103	1,310
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	10,807	1,042
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	10,065	1,274
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	6,779	628
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	6,671	1,082
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	5,833	696
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	5,272	798
DE000CY5ZV91	Citi	2200	Knock-Out Warrants	DAX 30	3,767	240
DE000CY5ZU28	Citi	2200	Knock-Out Warrants	Nasdaq 100	3,262	186
DE000CY5ZU35	Citi	2200	Knock-Out Warrants	DAX 30	3,139	236
DE000CY5ZWA7	Citi	2200	Knock-Out Warrants	DAX 30	2,987	194
DE000CY5ZVU7	Citi	2200	Knock-Out Warrants	DAX 30	2,796	284
DE000CY5ZR63	Citi	2200	Knock-Out Warrants	DAX 30	2,553	322
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	2,498	332
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	2,433	390
DE000CY5ZXZ2	Citi	2200	Knock-Out Warrants	DAX 30	2,000	76
DE000CV3KBZ8	Commerzbank	2200	Knock-Out Warrants	DAX 30	1,761	498
DE000CY5ZSB3	Citi	2200	Knock-Out Warrants	Nasdaq 100	1,652	154
DE000CE6R3M6	Commerzbank	2100	Warrants	DAX 30	1,645	38
DE000CY5ZV75	Citi	2200	Knock-Out Warrants	DAX 30	1,386	110
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	1,332	124
DE000CE6QEW0	Commerzbank	2200	Knock-Out Warrants	DAX 30	1,166	144
DE000CV3KAZ0	Commerzbank	2200	Knock-Out Warrants	DAX 30	1,075	148
DE000CY01K21	Citi	2100	Warrants	DAX 30	953	158
DE000CE6QH67	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	814	110
DE000CY5ZW25	Citi	2200	Knock-Out Warrants	Nasdaq 100	784	20
DE000CE6R0S9	Commerzbank	2200	Knock-Out Warrants	DAX 30	759	298
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	726	74
DE000CY5ZWC3	Citi	2200	Knock-Out Warrants	DAX 30	715	24
PTBIZIYE0064	BCP	1300	Tracker Certificates	Brent	612	78
DE000CE6QSC2	Commerzbank	2100	Warrants	DAX 30	587	10
DE000CY5ZSA5	Citi	2200	Knock-Out Warrants	Nasdaq 100	583	34
DE000CE6QH59	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	534	32
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	529	70
DE000CV3KA34	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	496	32
DE000CV3KC16	Commerzbank	2200	Knock-Out Warrants	DAX 30	487	228
DE000CE6R1C1	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	483	10
DE000CE6R4E1	Commerzbank	2100	Warrants	DAX 30	452	6
DE000CV3KA42	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	452	36
DE000CY5ZUL8	Citi	2200	Knock-Out Warrants	DAX 30	444	90
DE000CY5ZWB5	Citi	2200	Knock-Out Warrants	DAX 30	411	30
DE000CY5ZW90	Citi	2200	Knock-Out Warrants	DAX 30	407	36
DE000CN9RV74	Commerzbank	2300	Constant Leverage Certificate	ALIBABA GROUP HOLDING LTD	395	10
DE000CV3KA26	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	346	12
DE000CE6R7T2	Commerzbank	2200	Knock-Out Warrants	DAX 30	330	52
DE000CV3KAT3	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	302	30
DE000CV3KCH4	Commerzbank	2200	Knock-Out Warrants	DAX 30	296	46
DE000CE6R6U2	Commerzbank	2200	Knock-Out Warrants	DAX 30	276	70

(Source Euronext)



Euronext Paris

# ISSUERS

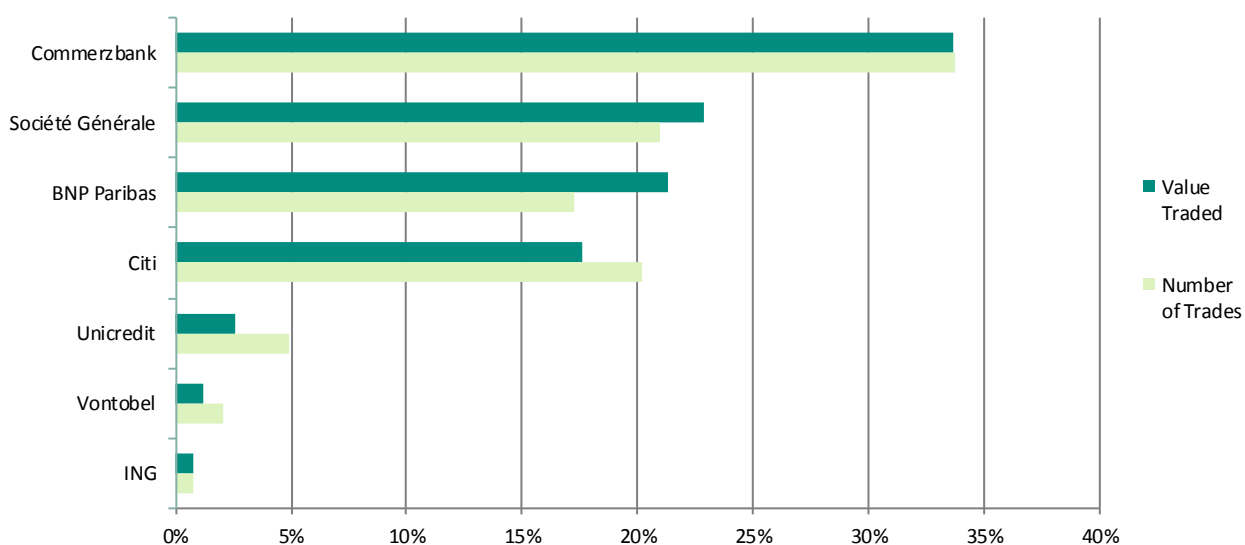
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per issuer, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Commerzbank	4,131	30%	-1.1%	33.7%	1,441	19.6%	6.0%	33.8%
Société Générale	2,804	2.4%	-14.1%	22.9%	897	15.6%	0.0%	21.0%
BNP Paribas	2,621	-5.4%	-17.3%	21.4%	738	7.8%	-15.7%	17.3%
Citi	2,166	36%	29%	17.6%	861	24.6%	19.8%	20.2%
Unicredit	311	11.5%	-10.8%	2.5%	211	10.2%	21.8%	4.9%
Vontobel	148	-7.2%	81%	1.2%	89	11.7%	112.9%	2.1%
ING	89	30%	-15.1%	0.7%	32	-1.0%	-44.9%	0.8%
<b>Total</b>	<b>12,270</b>	<b>13.8%</b>	<b>-4.4%</b>	<b>100%</b>	<b>4,268</b>	<b>16.7%</b>	<b>3.5%</b>	<b>100%</b>

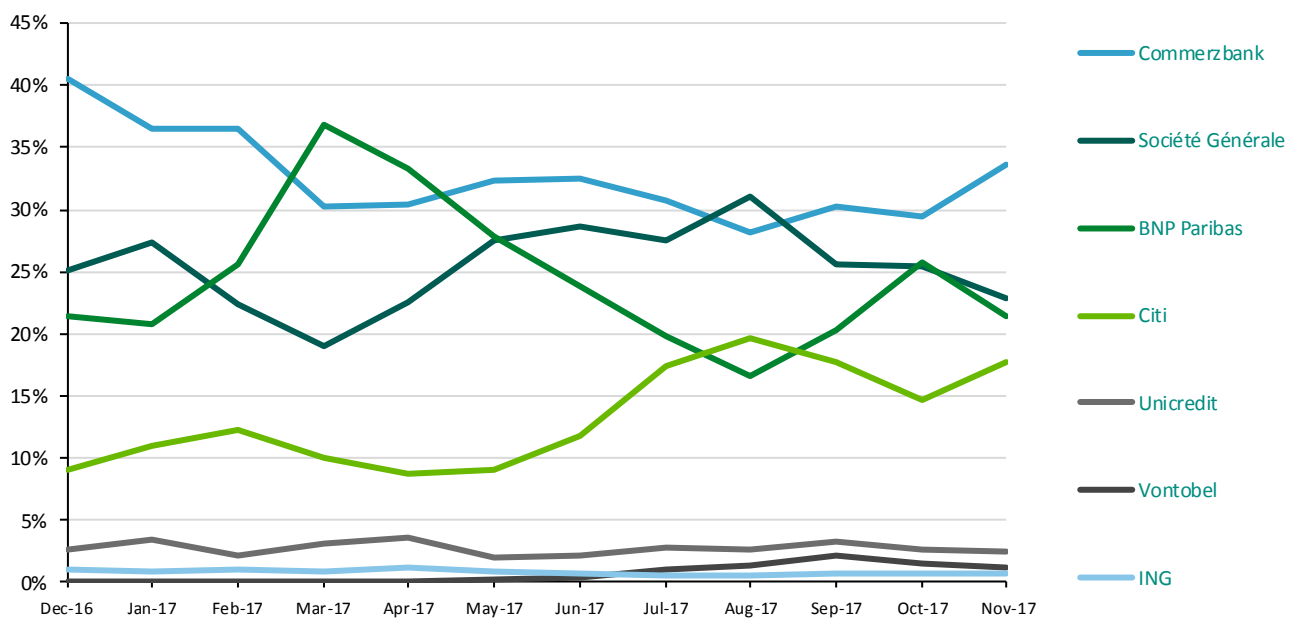
(Source Euronext)



# ISSUERS

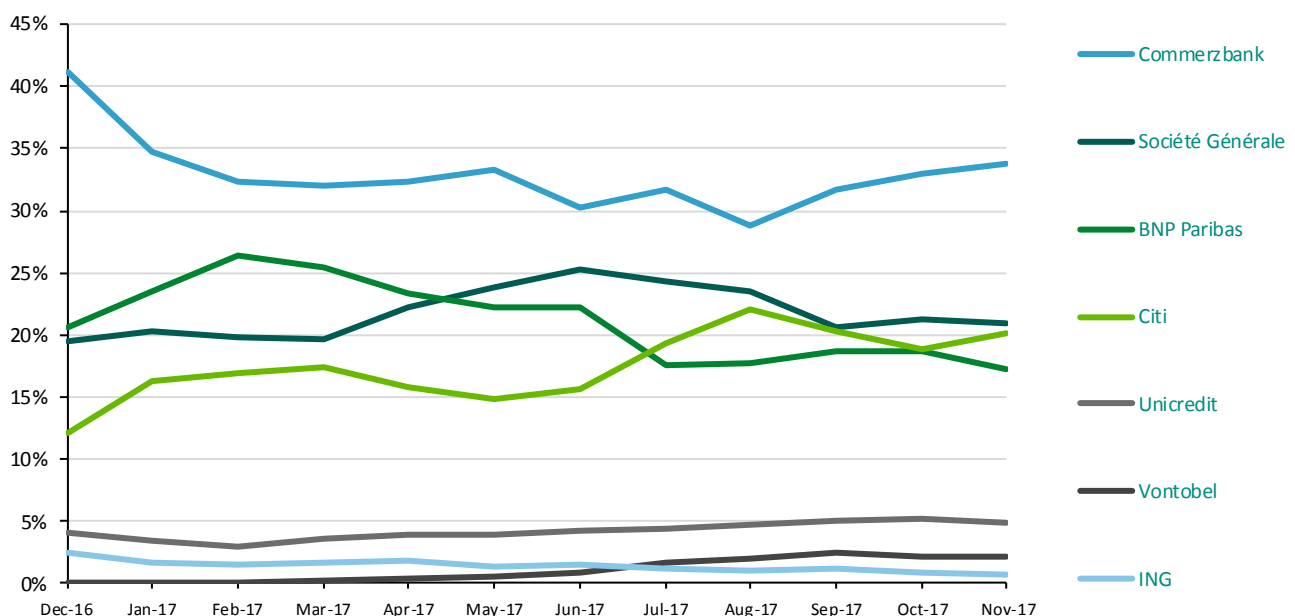
## Market Trend: Value traded

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



## Market Trend: Number of trades

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





# ISSUERS

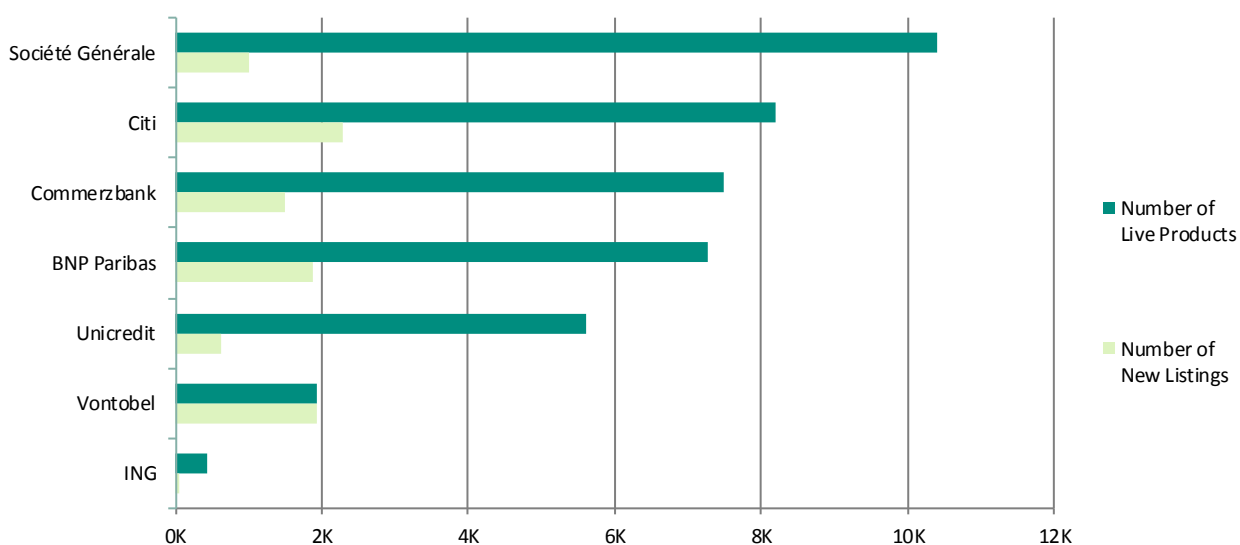
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	10,411	10.7%	3.8%	25.2%	1,012	-57%	-44%	11.0%
Citi	8,203	10.5%	20.0%	19.9%	2,275	5.8%	0.7%	24.7%
Commerzbank	7,477	4.5%	8.1%	18.1%	1,504	35%	13.1%	16.3%
BNP Paribas	7,266	15.6%	29%	17.6%	1,868	33%	-2.6%	20.2%
Unicredit	5,617	7.1%	23%	13.6%	616	-56%	-45%	6.7%
Vontobel	1,919	86%	144%	4.6%	1,918	NA	336%	20.8%
ING	419	-0.6%	0.6%	1.0%	34	70%	-10.9%	0.4%
<b>Total</b>	<b>41,311</b>	<b>11.8%</b>	<b>17.4%</b>	<b>100%</b>	<b>9,227</b>	<b>6.9%</b>	<b>3.3%</b>	<b>100%</b>

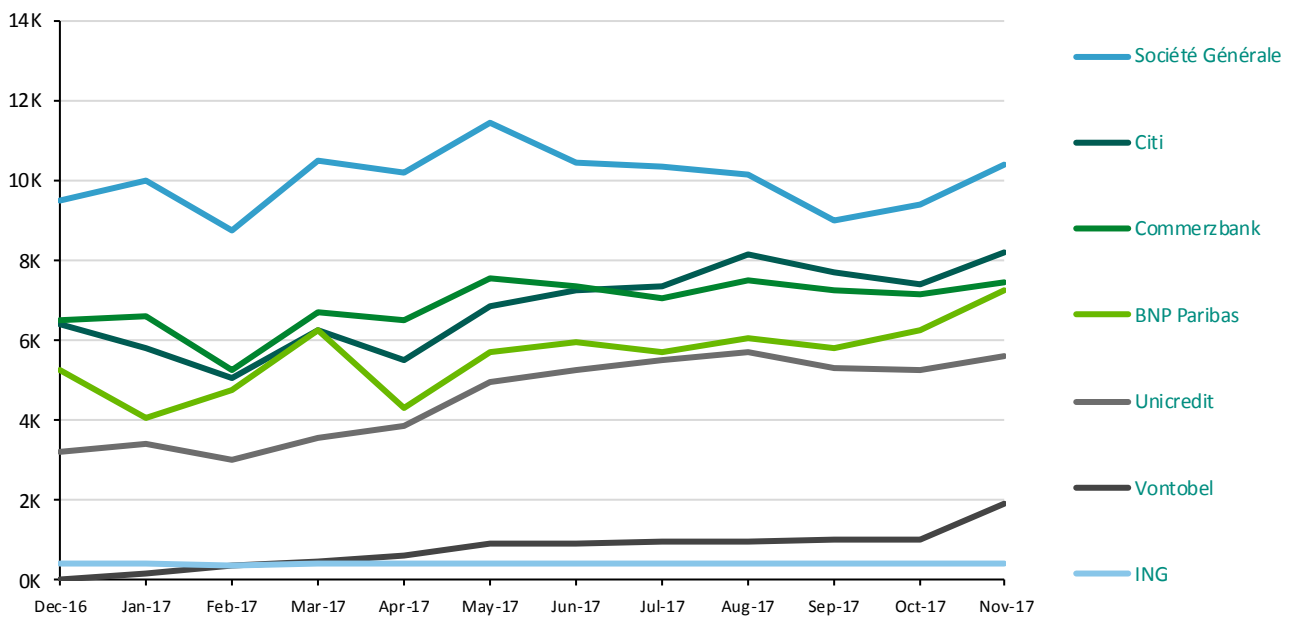
(Source Euronext)



# ISSUERS

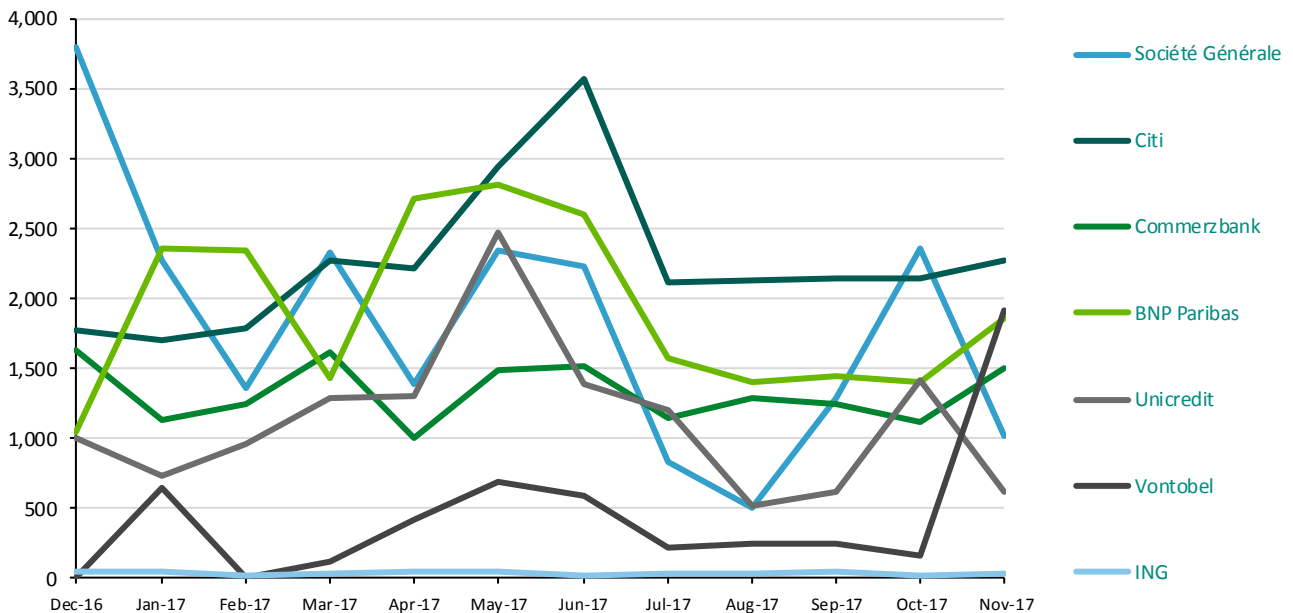
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euronext Paris.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euronext Paris.



## PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

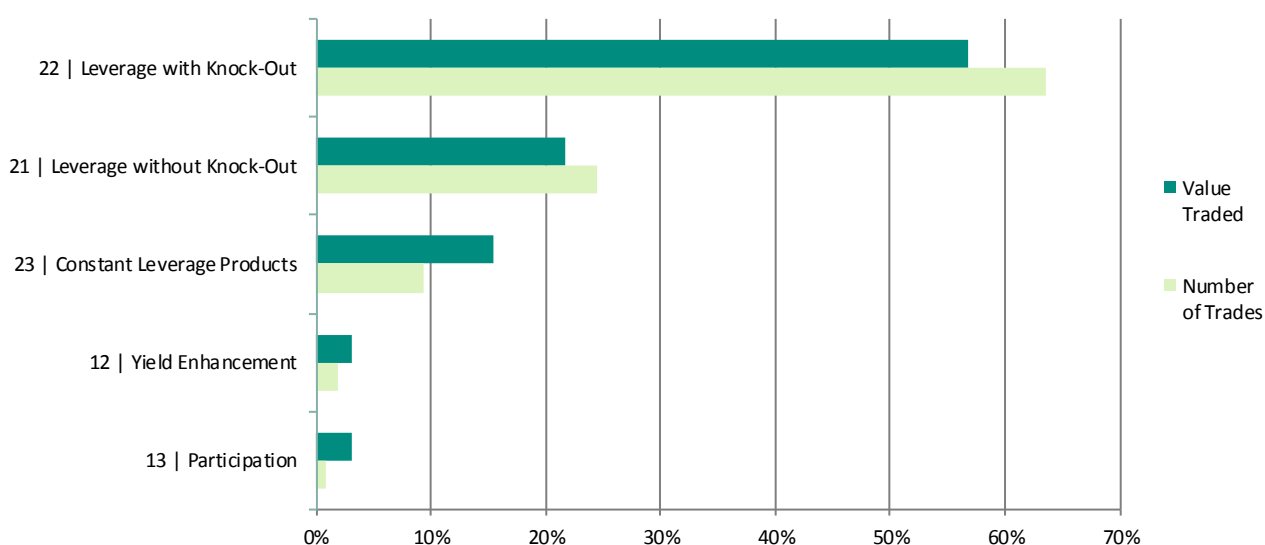
### Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product type (EUSIPA<sup>1</sup> categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Paris.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	6,968	7.2%	11.7%	56.8%	2,710	14.3%	10.7%	63.5%
21   Leverage without Knock-Out	2,651	19.4%	-31%	21.6%	1,046	17.7%	-5.7%	24.5%
23   Constant Leverage Products	1,887	29%	-7.0%	15.4%	395	32%	-10.8%	9.3%
12   Yield Enhancement	383	32%	0.9%	3.1%	80	24%	16.8%	1.9%
13   Participation	381	23%	4.0%	3.1%	37	8.5%	-32%	0.9%
<b>Total</b>	<b>12,270</b>	<b>13.8%</b>	<b>-4.4%</b>	<b>100%</b>	<b>4,268</b>	<b>16.7%</b>	<b>3.5%</b>	<b>100%</b>

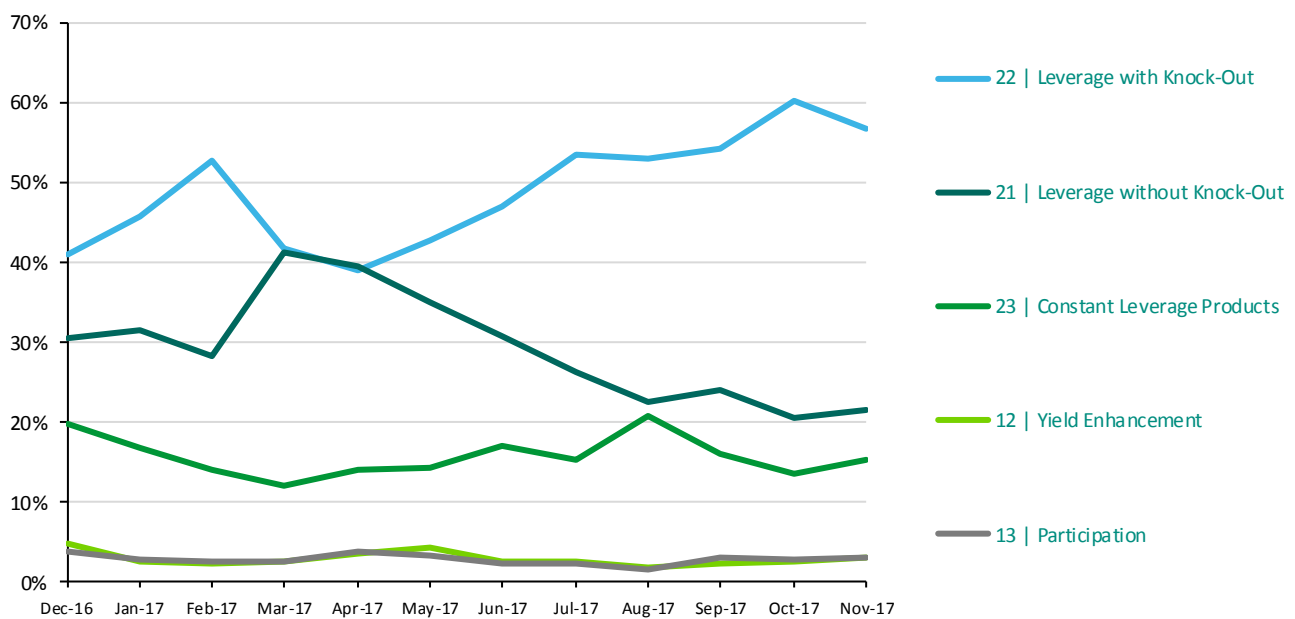
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

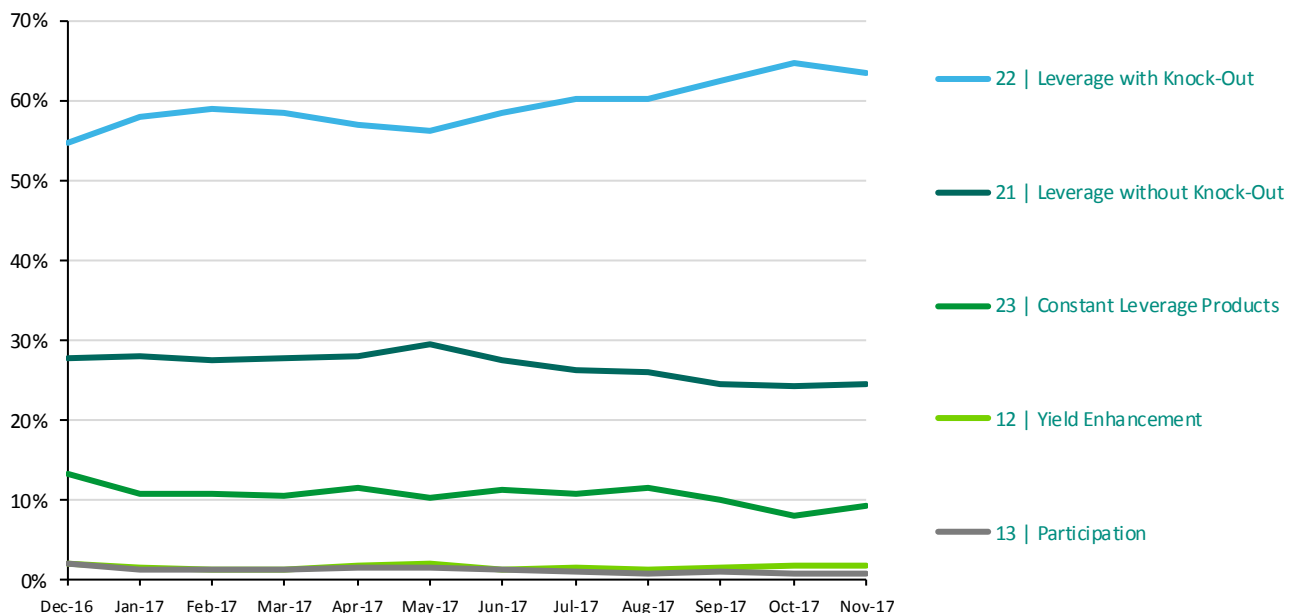
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

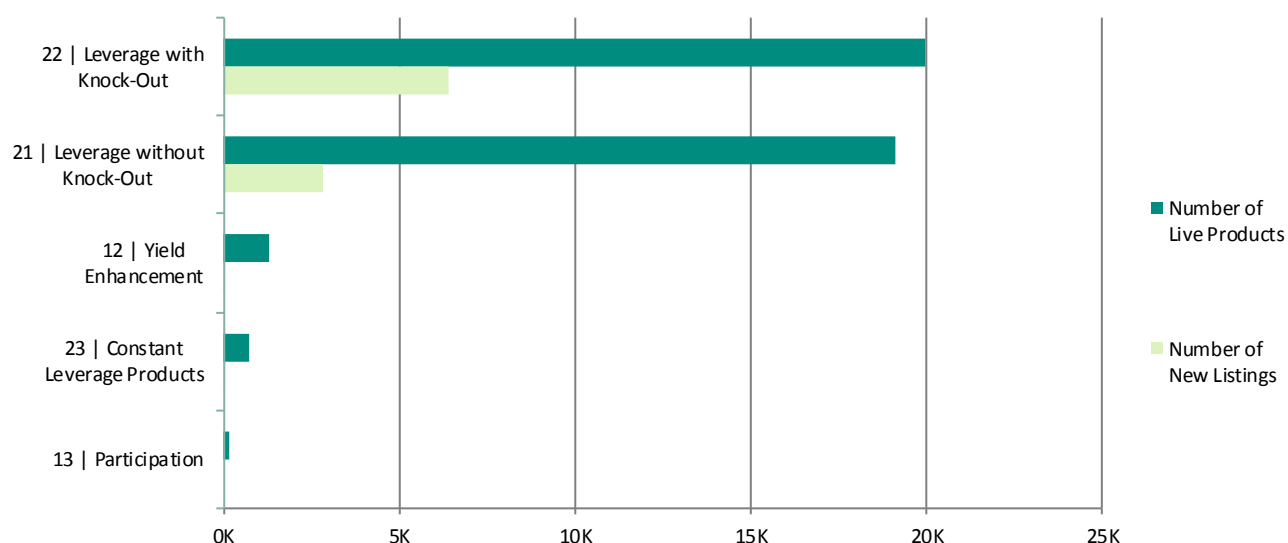
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product type (EUSIPA<sup>1</sup> categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	20,006	10.1%	17.8%	48.4%	6,381	18.1%	18.9%	69.2%
21   Leverage without Knock-Out	19,131	15.3%	18.5%	46.3%	2,811	-6.3%	-15.2%	30.5%
12   Yield Enhancement	1,296	-0.4%	9.4%	3.1%	19	-92%	-89%	0.2%
23   Constant Leverage Products	708	-0.7%	9.7%	1.7%	16		-79%	0.2%
13   Participation	170	-7.3%	-25%	0.4%	0		-100%	0.0%
<b>Total</b>	<b>41,311</b>	<b>11.8%</b>	<b>17.4%</b>	<b>100%</b>	<b>9,227</b>	<b>6.9%</b>	<b>3.3%</b>	<b>100%</b>

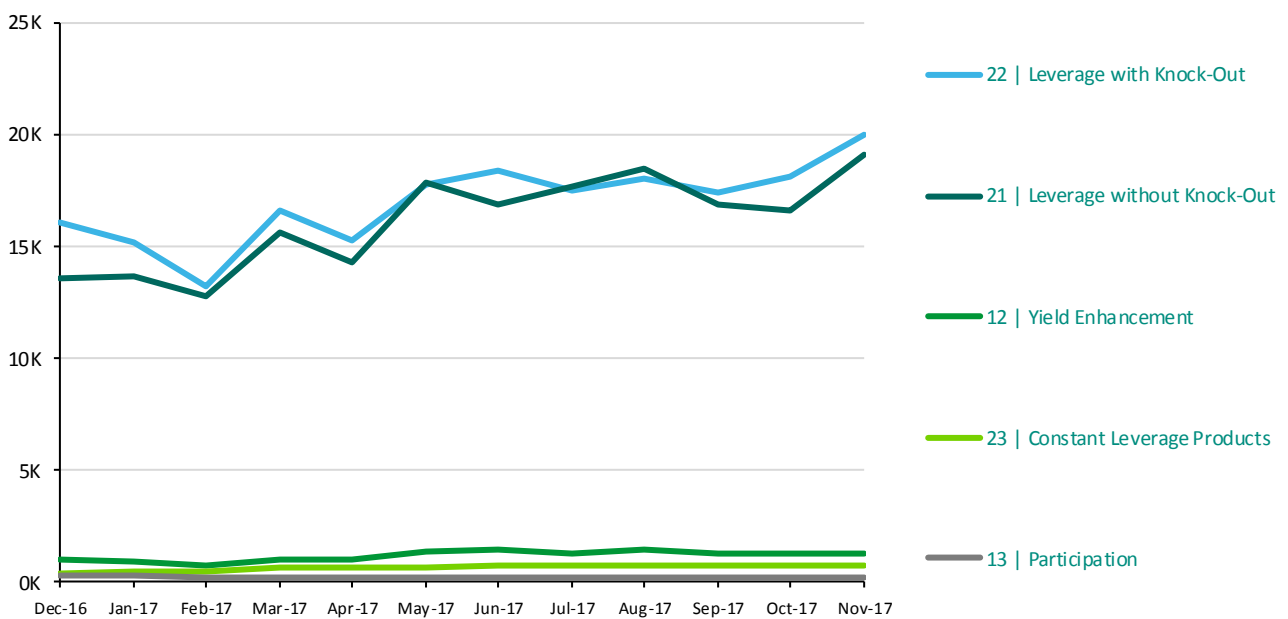
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

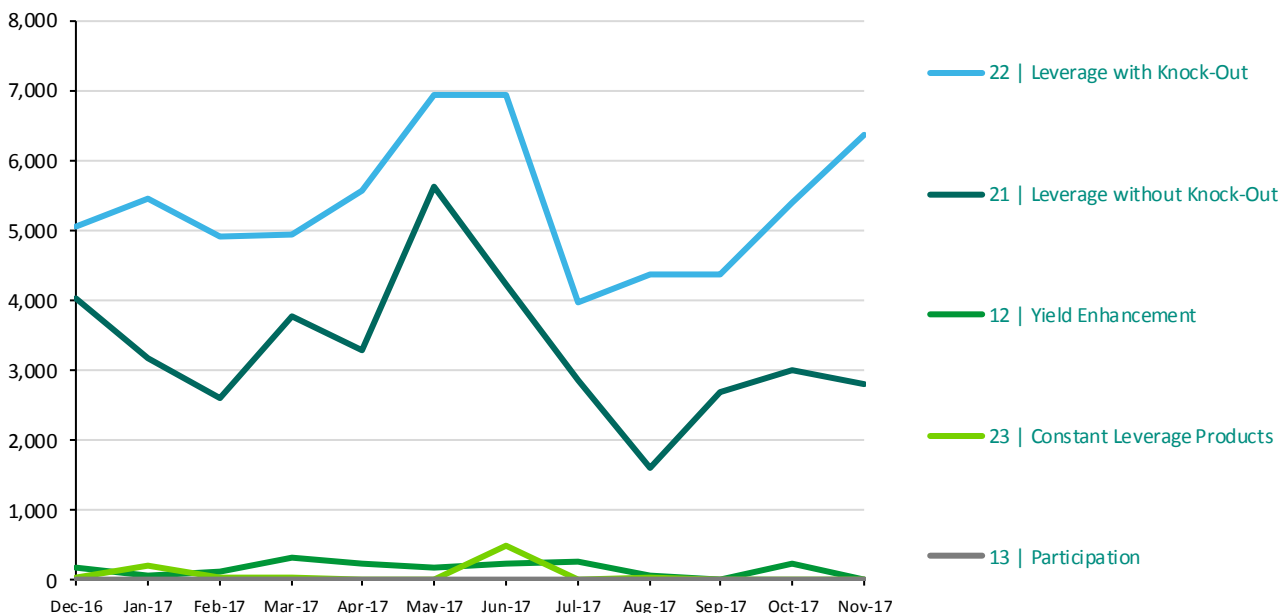
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Paris.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Paris.



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

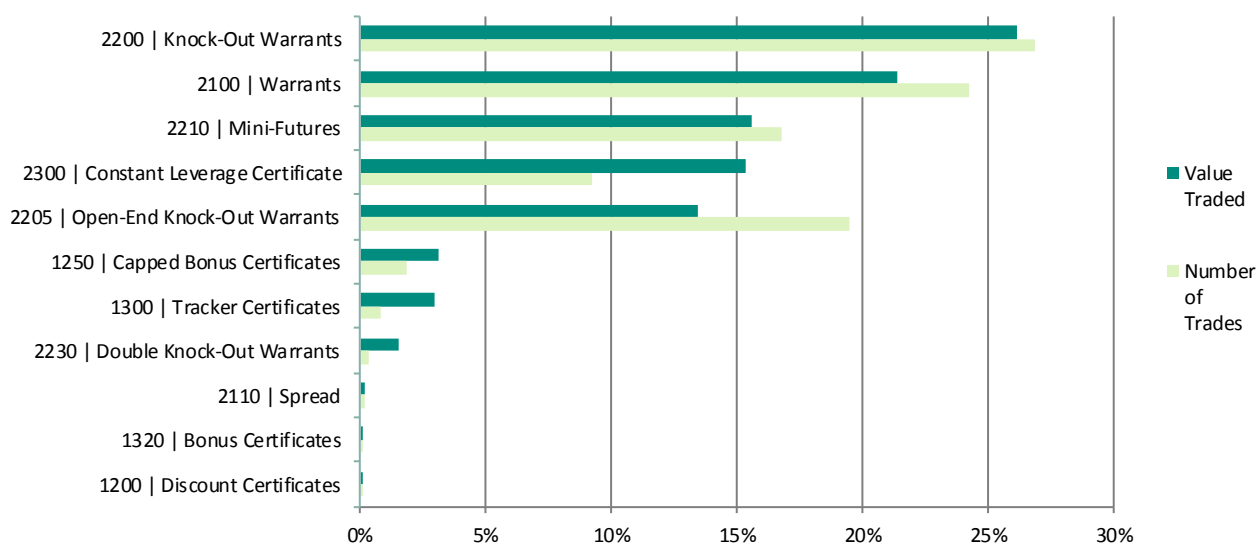
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Paris.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2200   Knock-Out Warrants	3,208	4.8%	18.2%	26.1%	1,147	19.6%	4.7%	26.9%
2100   Warrants	2,627	19.1%	-31%	21.4%	1,036	17.1%	-5.5%	24.3%
2210   Mini-Futures	1,918	18.4%	10.2%	15.6%	716	13.0%	13.9%	16.8%
2300   Constant Leverage Certificate	1,887	29%	-7.0%	15.4%	395	32%	-10.8%	9.3%
2205   Open-End Knock-Out Warrants	1,656	-2.9%	1.2%	13.5%	831	8.8%	18.3%	19.5%
1250   Capped Bonus Certificates	382	32%	1.3%	3.1%	80	24%	17.2%	1.9%
1300   Tracker Certificates	369	21%	4.1%	3.0%	36	8.9%	-31%	0.8%
2230   Double Knock-Out Warrants	186	67%	25%	1.5%	16	0.3%	-24%	0.4%
2110   Spread	23	75%	-17.3%	0.2%	9.5	159%	-19.3%	0.2%
1320   Bonus Certificates	12	90%	1.5%	0.1%	0.5	-15.4%	-47%	0.0%
1200   Discount Certificates	1	24%	-56%	0.0%	0.4	-10.0%	-35%	0.0%
<b>Total</b>	<b>12,270</b>	<b>13.8%</b>	<b>-4.4%</b>	<b>100%</b>	<b>4,268</b>	<b>16.7%</b>	<b>3.5%</b>	<b>100%</b>

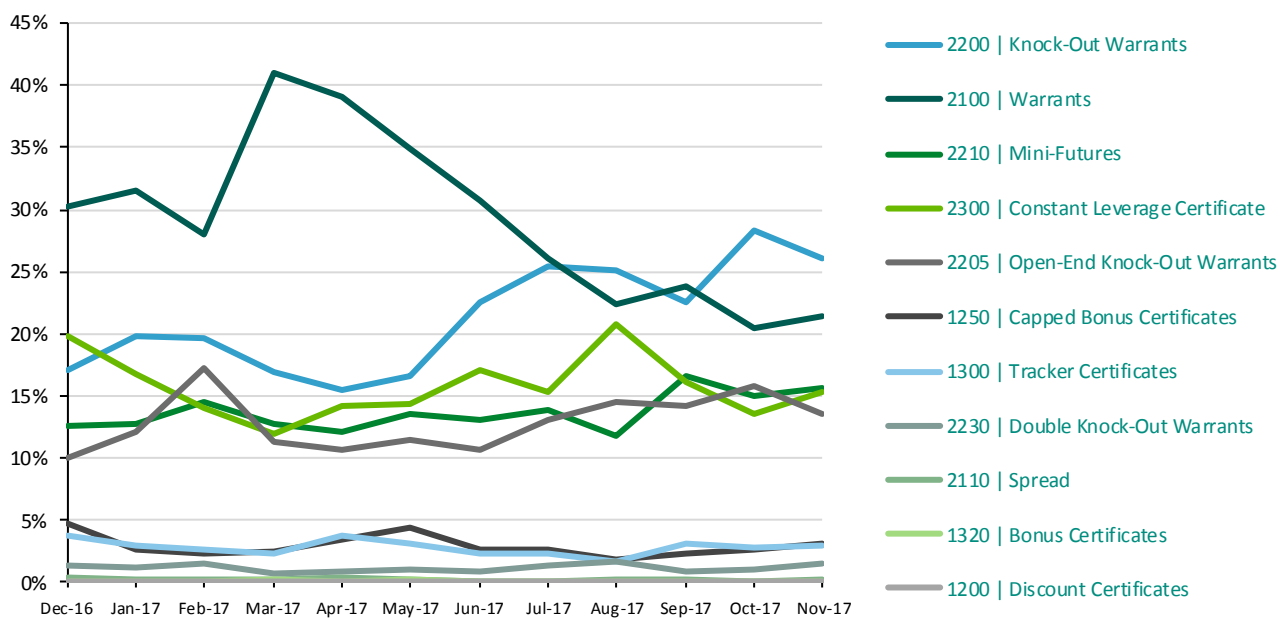
(Source Euronext)



# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

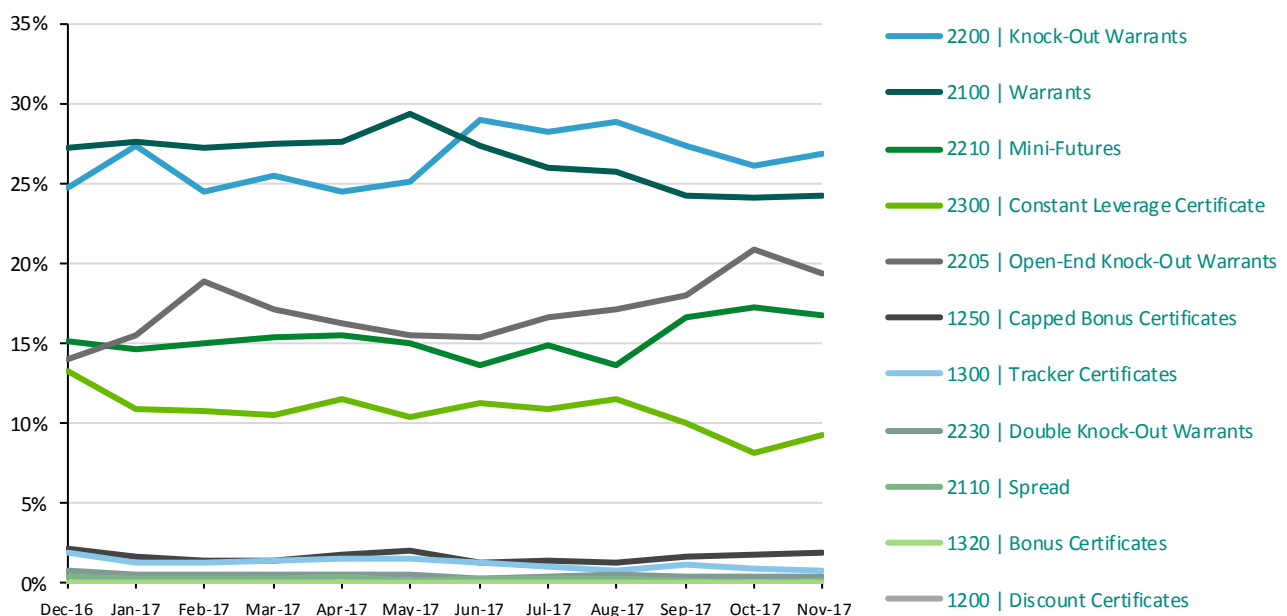
## Market Trend: Value traded

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



## Market Trend: Number of trades

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





# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

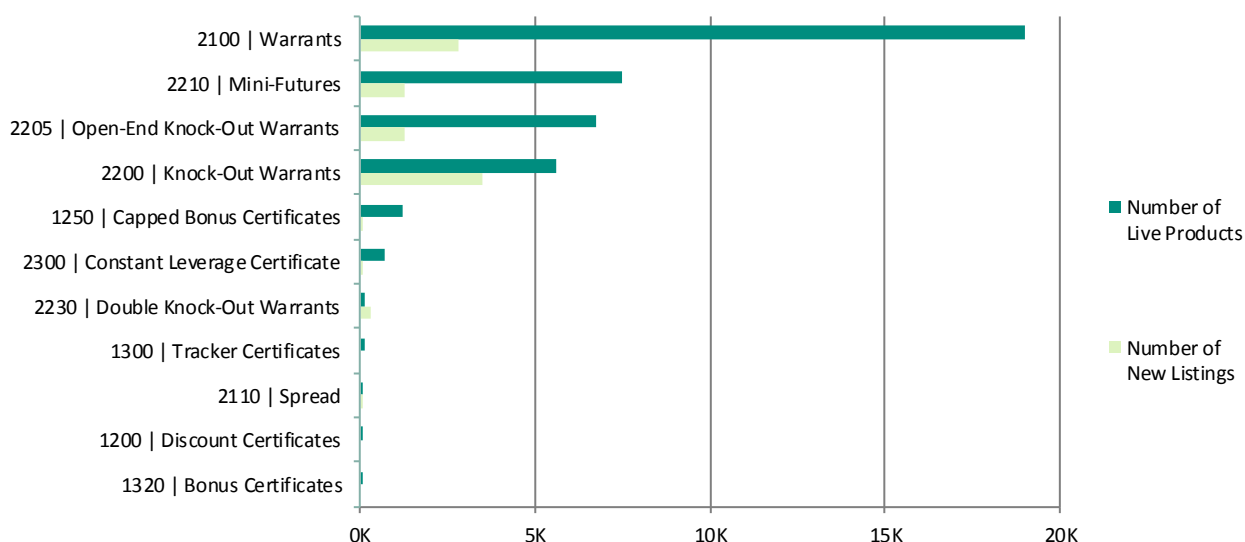
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	19,030	15.4%	18.7%	46.1%	2,810	-6.0%	-14.7%	30.5%
2210   Mini-Futures	7,509	4.4%	17.3%	18.2%	1,301	-2.3%	6.8%	14.1%
2205   Open-End Knock-Out Warrants	6,734	3.7%	22%	16.3%	1,290	-7.4%	-2.5%	14.0%
2200   Knock-Out Warrants	5,635	27%	13.0%	13.6%	3,510	33%	26%	38.0%
1250   Capped Bonus Certificates	1,241	-0.4%	13.2%	3.0%	19	-92%	-87%	0.2%
2300   Constant Leverage Certificate	708	-0.7%	9.7%	1.7%	16		-79%	0.2%
2230   Double Knock-Out Warrants	128	86%	89%	0.3%	280	618%	486%	3.0%
1300   Tracker Certificates	119	-4.1%	-25%	0.3%	0		-100%	0.0%
2110   Spread	101	-3.8%	-6.7%	0.2%	1	-91%	-96%	0.0%
1200   Discount Certificates	55	-1.5%	-37%	0.1%	0		-100%	0.0%
1320   Bonus Certificates	51	-14.0%	-23%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>41,311</b>	<b>11.8%</b>	<b>17.4%</b>	<b>100%</b>	<b>9,227</b>	<b>6.9%</b>	<b>3.3%</b>	<b>100%</b>

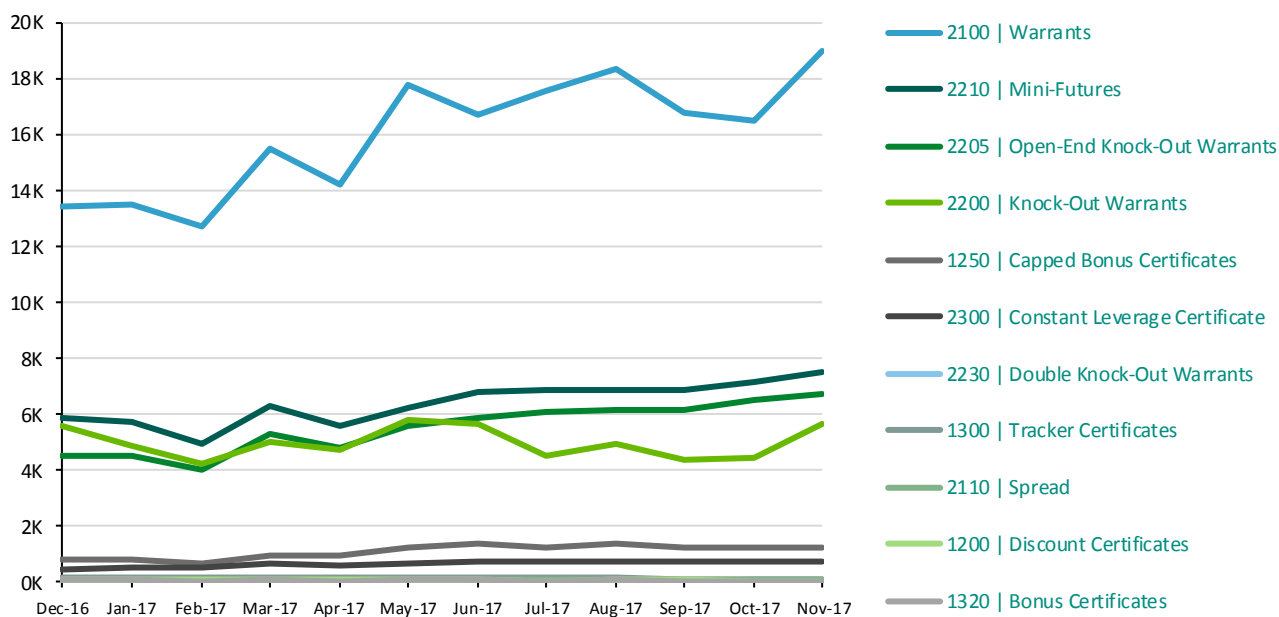
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

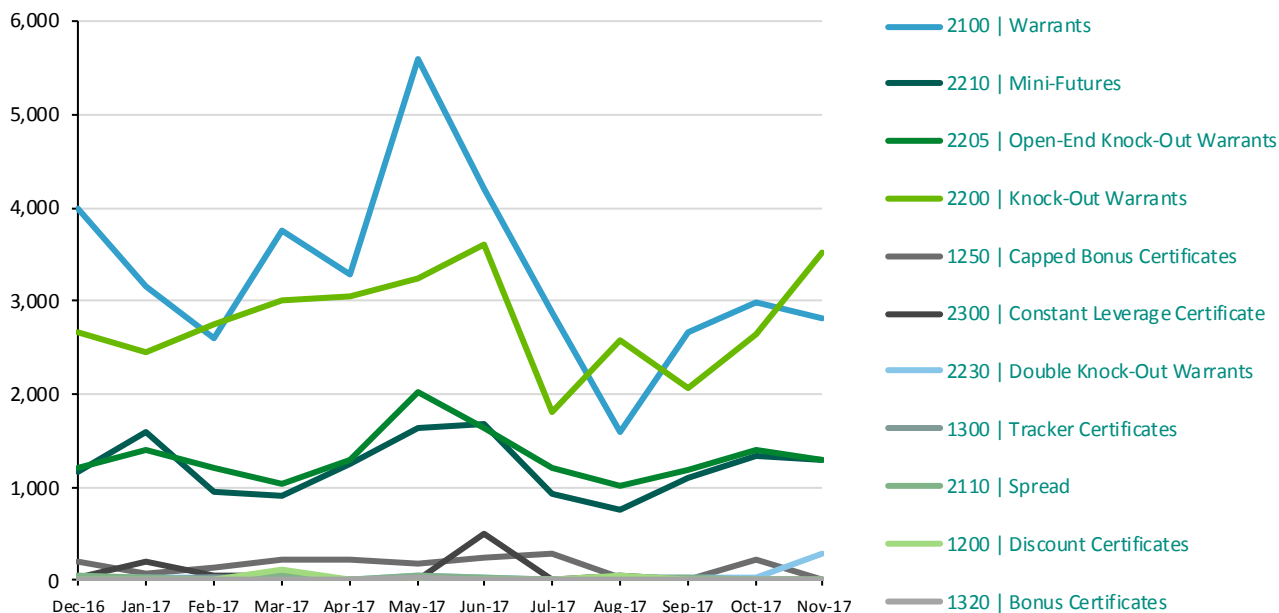
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Paris.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Paris.



# PRODUCT STRATEGIES

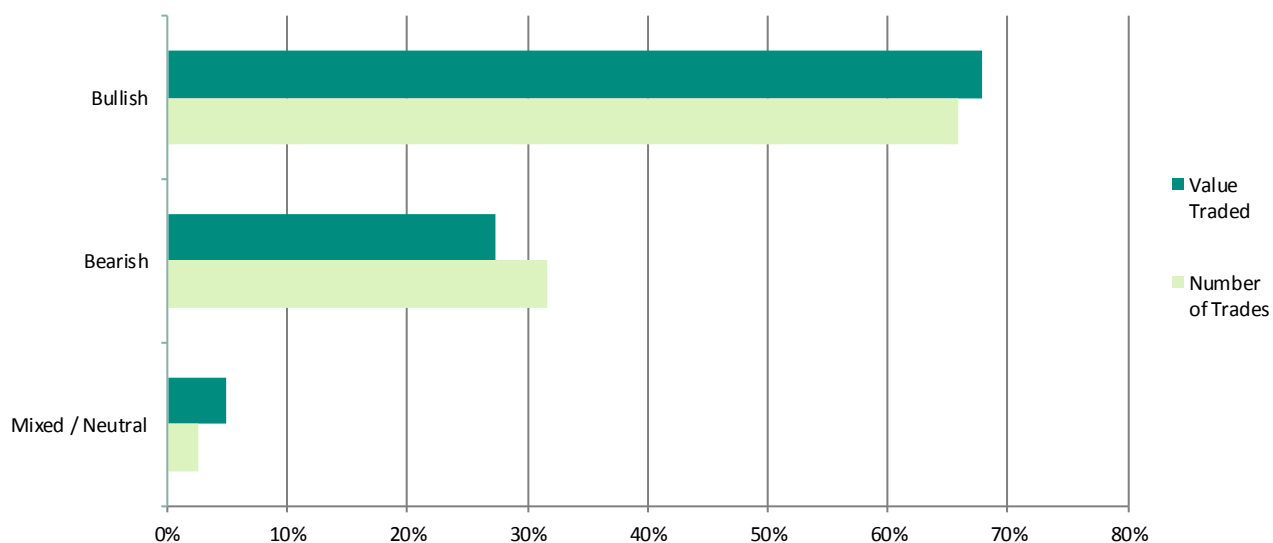
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	8,320	10.7%	-2.9%	67.8%	2,811	24%	11.3%	65.9%
Bearish	3,357	17.7%	-9.3%	27.4%	1,351	4.1%	-9.6%	31.7%
Mixed / Neutral	593	43%	6.5%	4.8%	106	25%	4.0%	2.5%
Total	12,270	13.8%	-4.4%	100%	4,268	16.7%	3.5%	100%

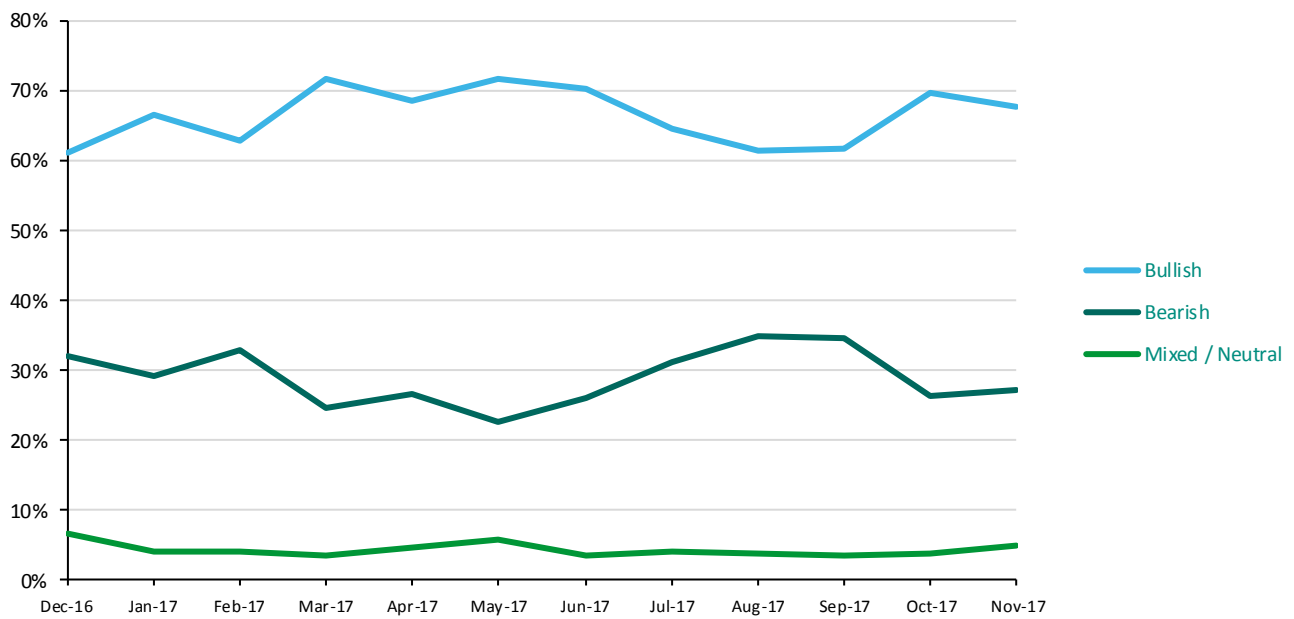
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# PRODUCT STRATEGIES

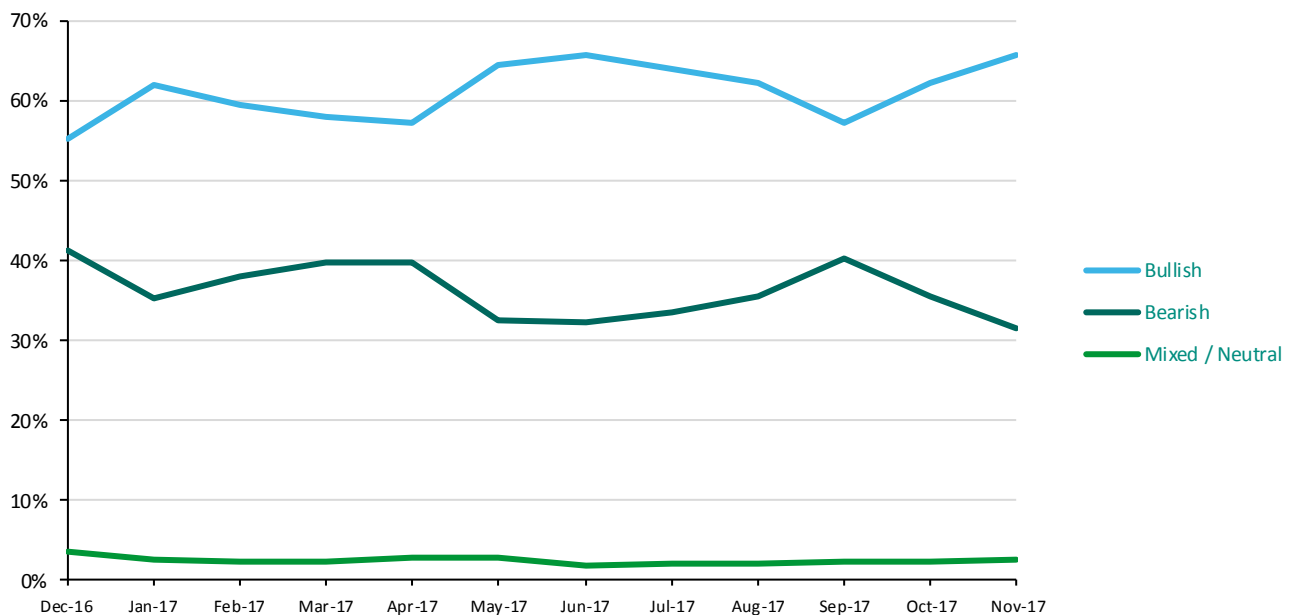
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

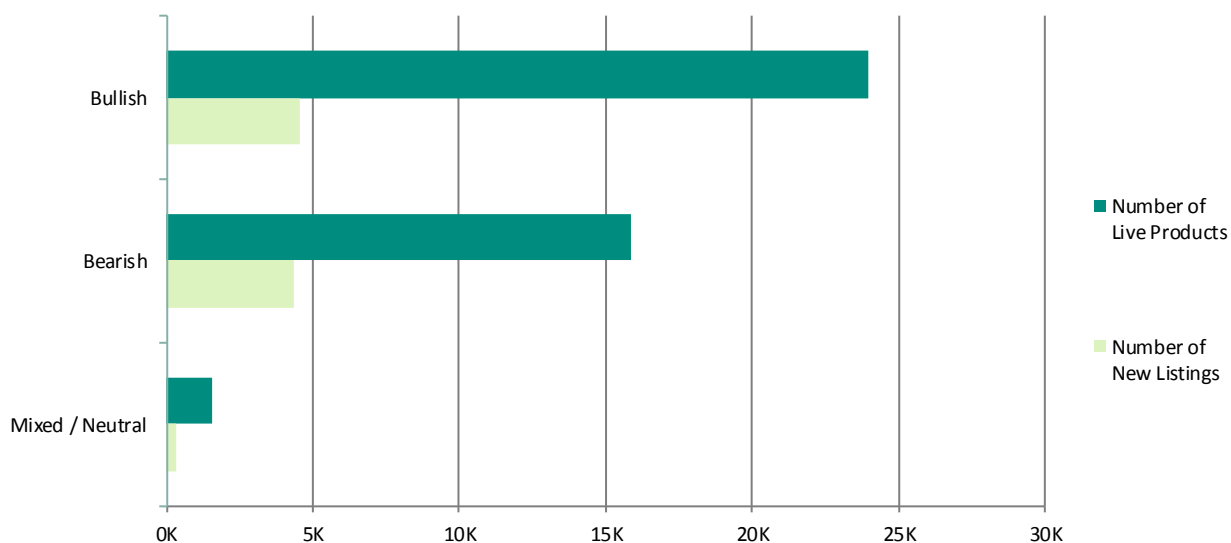
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	23,948	10.0%	16.9%	58.0%	4,562	5.0%	-0.8%	49.4%
Bearish	15,838	15.4%	18.8%	38.3%	4,365	8.9%	6.7%	47.3%
Mixed / Neutral	1,525	3.4%	12.1%	3.7%	300	7.9%	26%	3.3%
<b>Total</b>	<b>41,311</b>	<b>11.8%</b>	<b>17.4%</b>	<b>100%</b>	<b>9,227</b>	<b>6.9%</b>	<b>3.3%</b>	<b>100%</b>

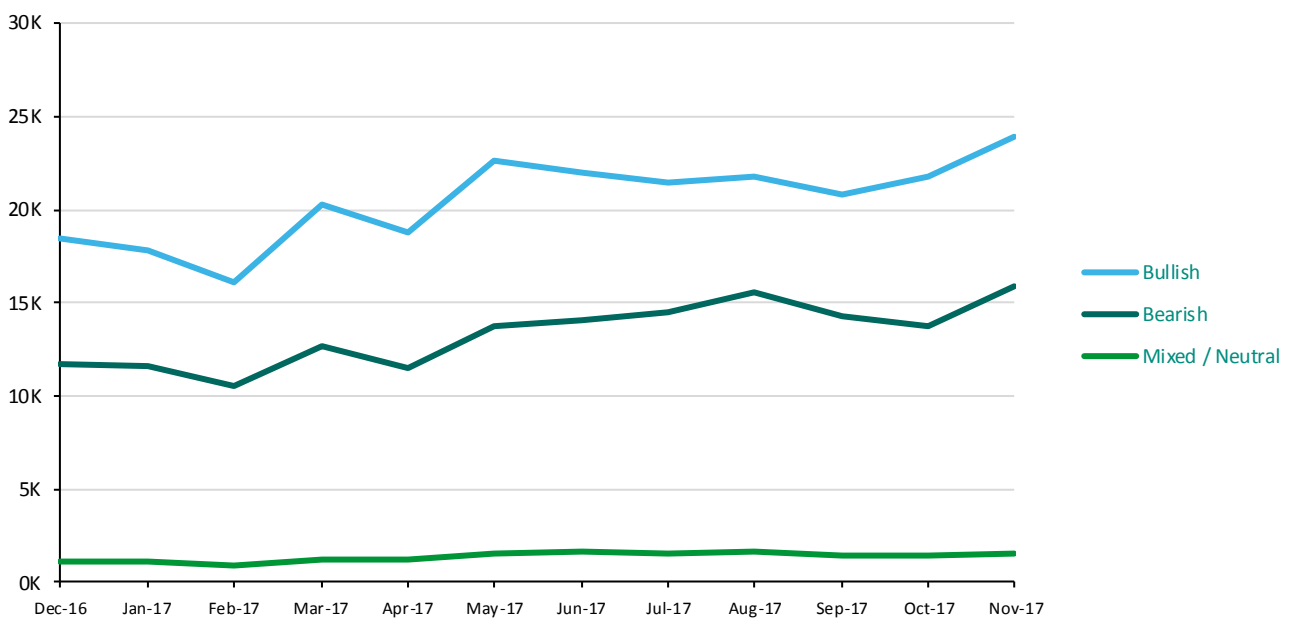
(Source Euronext)



# PRODUCT STRATEGIES

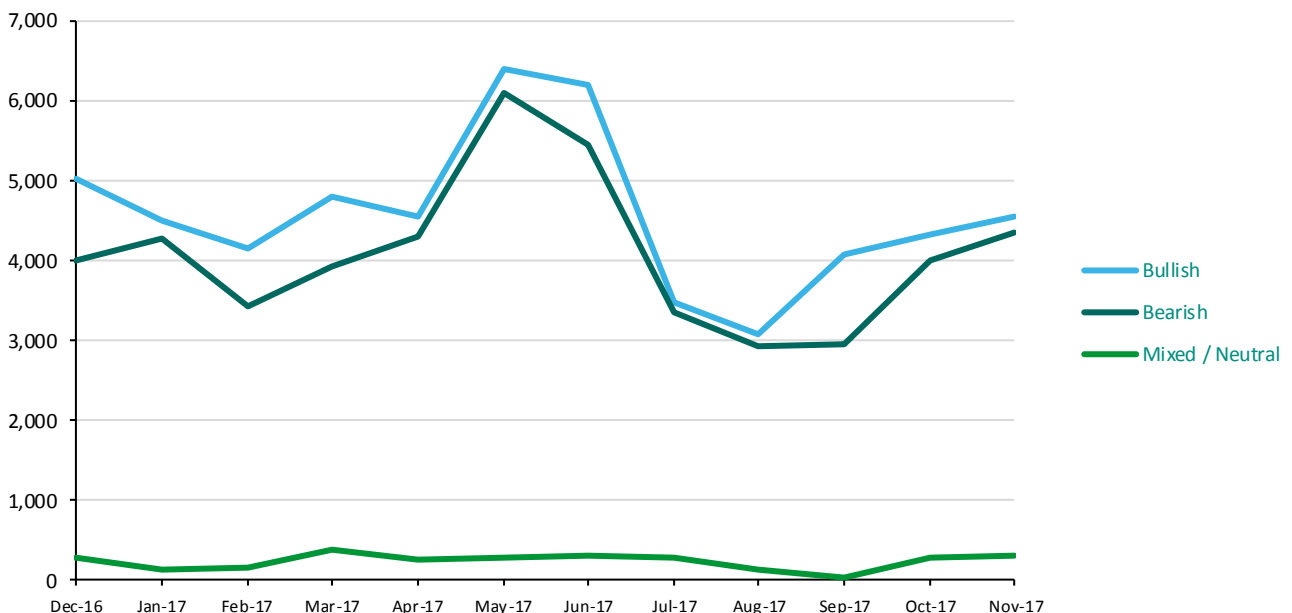
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Paris.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Paris.



# UNDERLYING TYPES

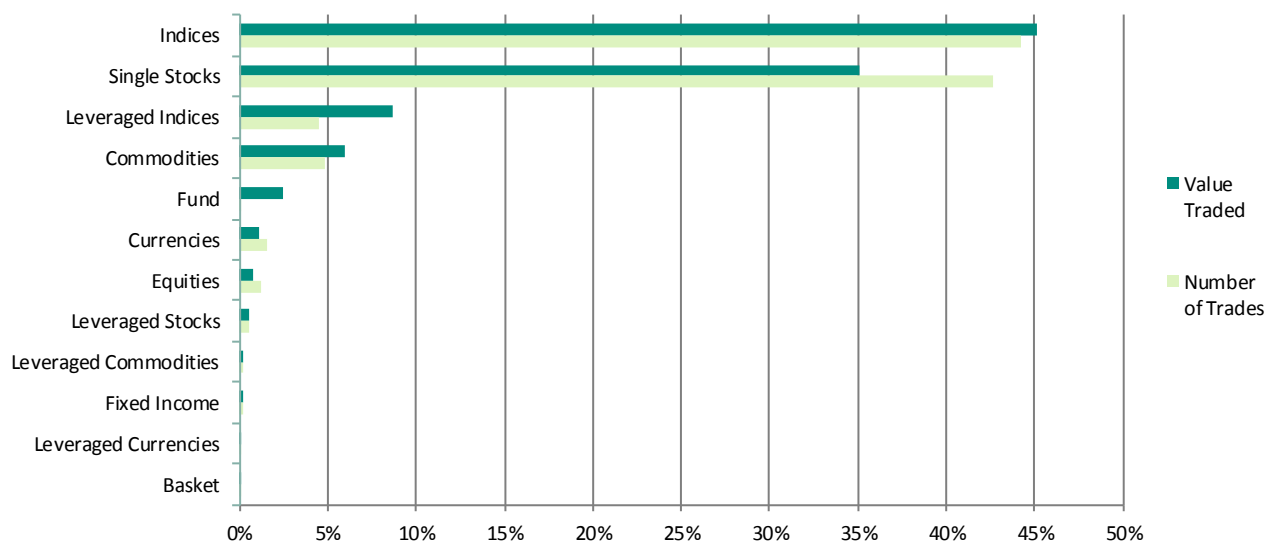
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	5,542	17.4%	1.9%	45.2%	1,889	27%	0.5%	44.3%
Single Stocks	4,309	6.9%	0.3%	35.1%	1,820	9.3%	14.2%	42.6%
Leveraged Indices	1,065	32%	-8.9%	8.7%	193	37%	-14.0%	4.5%
Commodities	733	-3.0%	-8.7%	6.0%	205	-18.7%	-25%	4.8%
Fund	295	58%	-64%	2.4%	6.0	-26%	-61%	0.1%
Currencies	132	-28%	-32%	1.1%	65	6.1%	-26%	1.5%
Equities	91	NA	819%	0.7%	50	NA	827%	1.2%
Leveraged Stocks	65	81%	33%	0.5%	22	54%	41%	0.5%
Leveraged Commodities	20	-23%	-35%	0.2%	10.0	-45%	-44%	0.2%
Fixed Income	17	-38%	5.5%	0.1%	8.5	-35%	10.5%	0.2%
Leveraged Currencies	2	77%	32%	0.0%	1.1	20.0%	117%	0.0%
Basket	1	504%	20.0%	0.0%	0.0	0.0%	-63%	0.0%
<b>Total</b>	<b>12,270</b>	<b>13.8%</b>	<b>-4.4%</b>	<b>100%</b>	<b>4,268</b>	<b>16.7%</b>	<b>3.5%</b>	<b>100%</b>

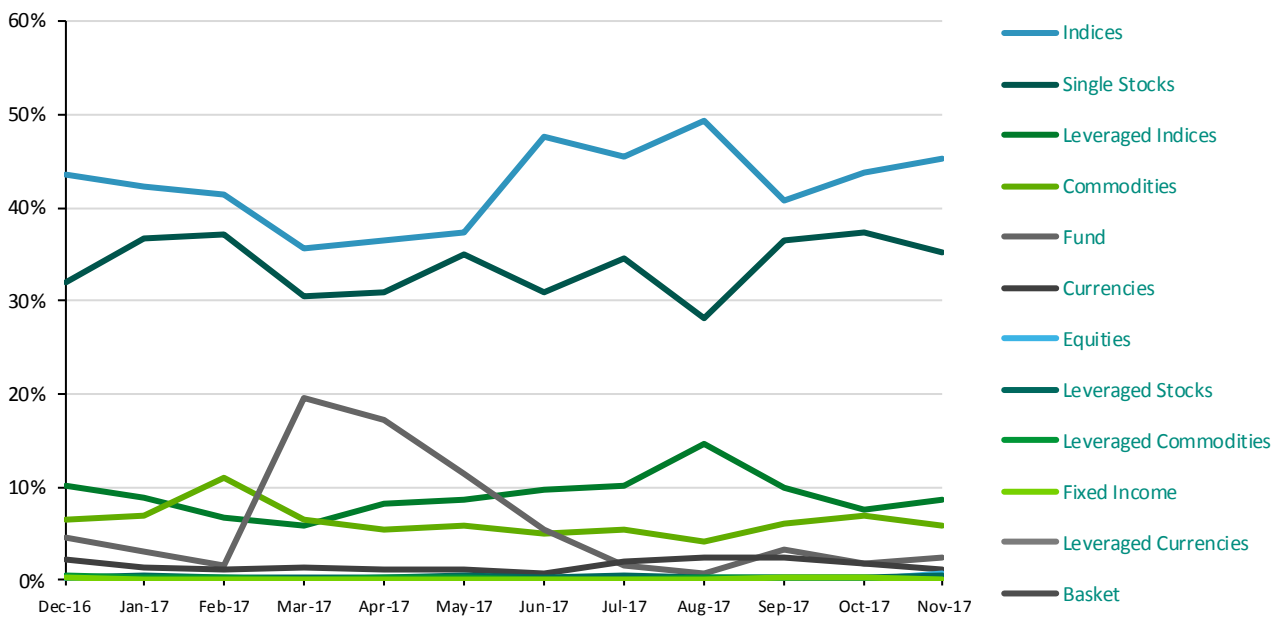
(Source Euronext)



# UNDERLYING TYPES

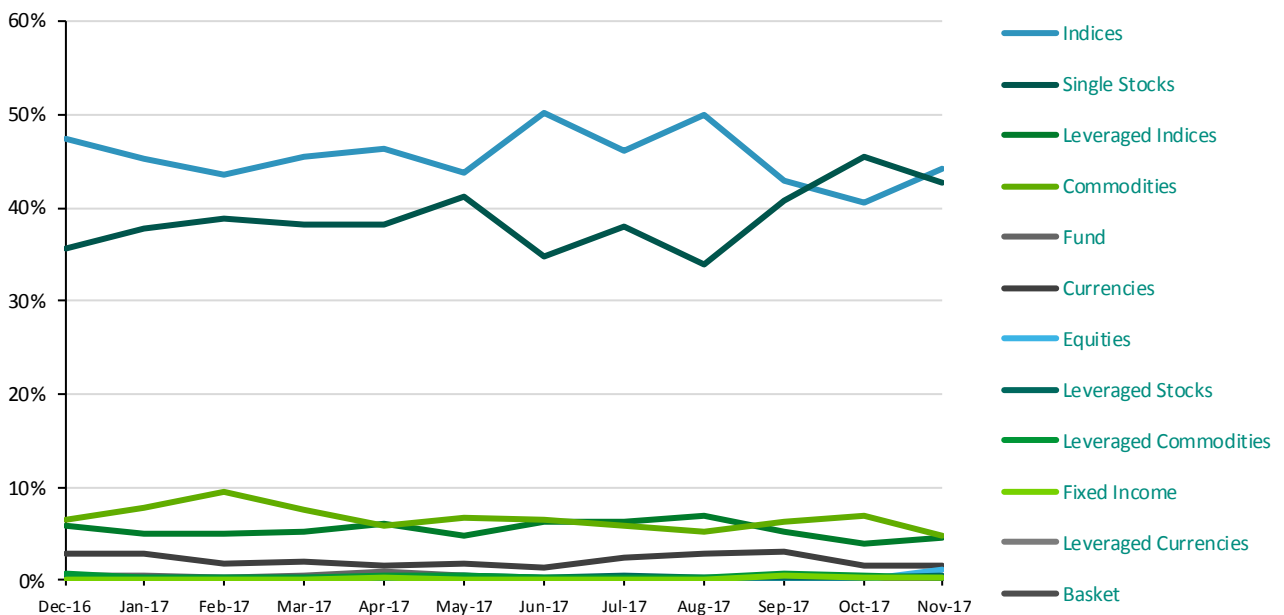
## Market Trend: Value traded

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



## Market Trend: Number of trades

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





## UNDERLYING TYPES

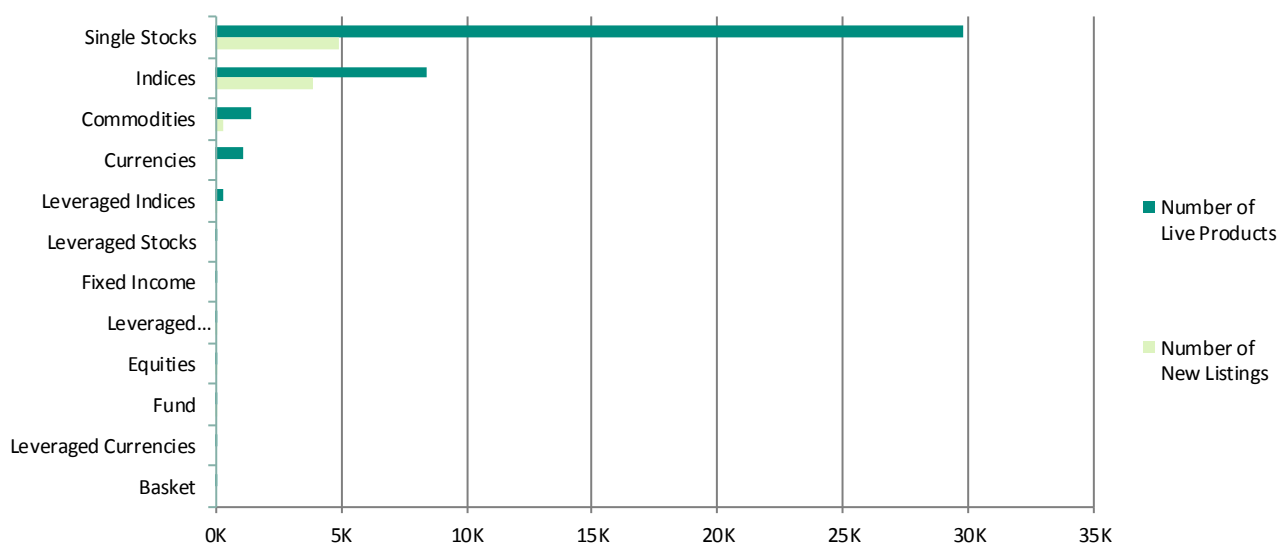
### Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	29,761	11.6%	19.9%	72.0%	4,895	-13.6%	-14.1%	53.1%
Indices	8,411	15.8%	13.2%	20.4%	3,865	44%	41%	41.9%
Commodities	1,403	4.1%	-2.7%	3.4%	302	70%	10.3%	3.3%
Currencies	1,091	5.5%	18.7%	2.6%	92	16.5%	-39%	1.0%
Leveraged Indices	274	-1.5%	0.6%	0.7%	9		-6.9%	0.1%
Leveraged Stocks	85	-2.2%	32%	0.2%	0		-100%	0.0%
Fixed Income	74	-4.6%	28%	0.2%	0	-100%	-100%	0.0%
Leveraged Commodities	72	2.7%	20%	0.2%	7		-29%	0.1%
Equities	63	19.3%	88%	0.2%	55	139%	484%	0.6%
Fund	61	1.7%	13.3%	0.1%	2	100%	41%	0.0%
Leveraged Currencies	10	0.0%	-1.0%	0.0%	0			0.0%
Basket	4	0.0%	3.0%	0.0%	0			0.0%
<b>Total</b>	<b>41,311</b>	<b>11.8%</b>	<b>17.4%</b>	<b>100%</b>	<b>9,227</b>	<b>6.9%</b>	<b>3.3%</b>	<b>100%</b>

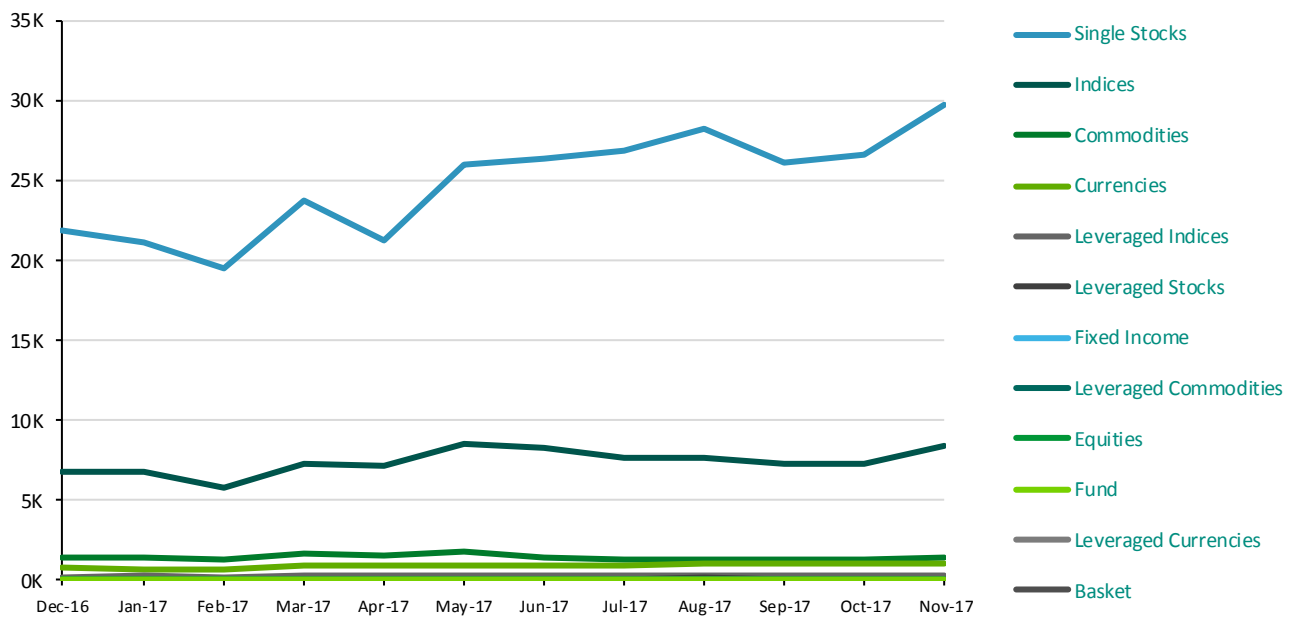
(Source Euronext)



# UNDERLYING TYPES

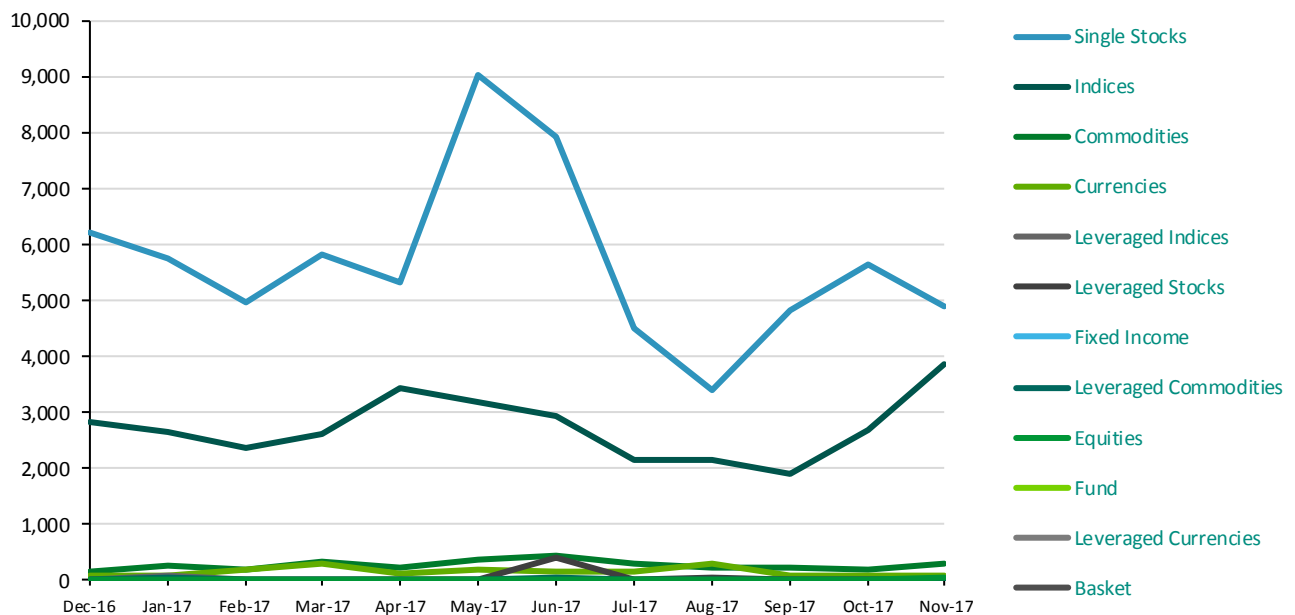
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euronext Paris.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euronext Paris.



# TOP 10 UNDERLYING COUNTRIES

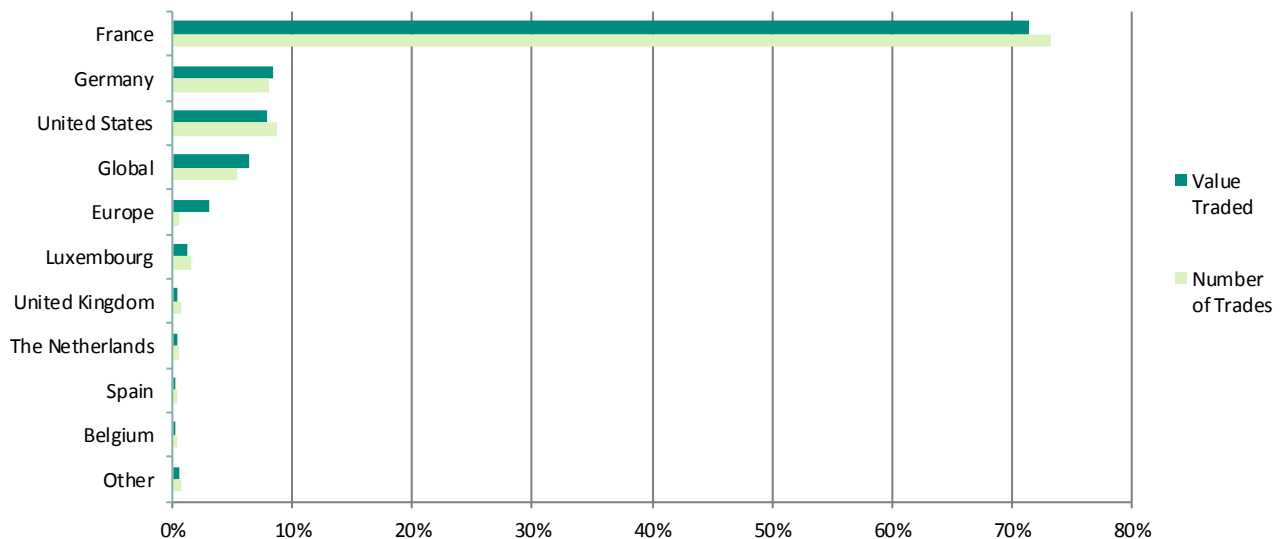
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 value traded and number of trades.

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	8,772	12.6%	-5.5%	71.5%	3,128	19.0%	1.1%	73.3%
Germany	1,026	41%	62%	8.4%	344	48%	34%	8.1%
United States	960	8.6%	25%	7.8%	369	8.5%	21%	8.6%
Global	770	-4.5%	-13.1%	6.3%	230	-22%	-29%	5.4%
Europe	367	49%	-60%	3.0%	25	-19.3%	-28%	0.6%
Luxembourg	150	24%	7.3%	1.2%	65	66%	43%	1.5%
United Kingdom	52	39%	96%	0.4%	28	57%	172%	0.6%
The Netherlands	50	42%	-6.0%	0.4%	21	-11.0%	12.4%	0.5%
Spain	30	25%	311%	0.2%	14	-12.3%	262%	0.3%
Belgium	28	12.0%		0.2%	17	59%		0.4%
Other	64	-22%	-47%	0.5%	28	8.7%	-18.2%	0.7%
<b>Total</b>	<b>12,270</b>	<b>13.8%</b>	<b>-4.4%</b>	<b>100%</b>	<b>4,268</b>	<b>16.7%</b>	<b>3.5%</b>	<b>100%</b>

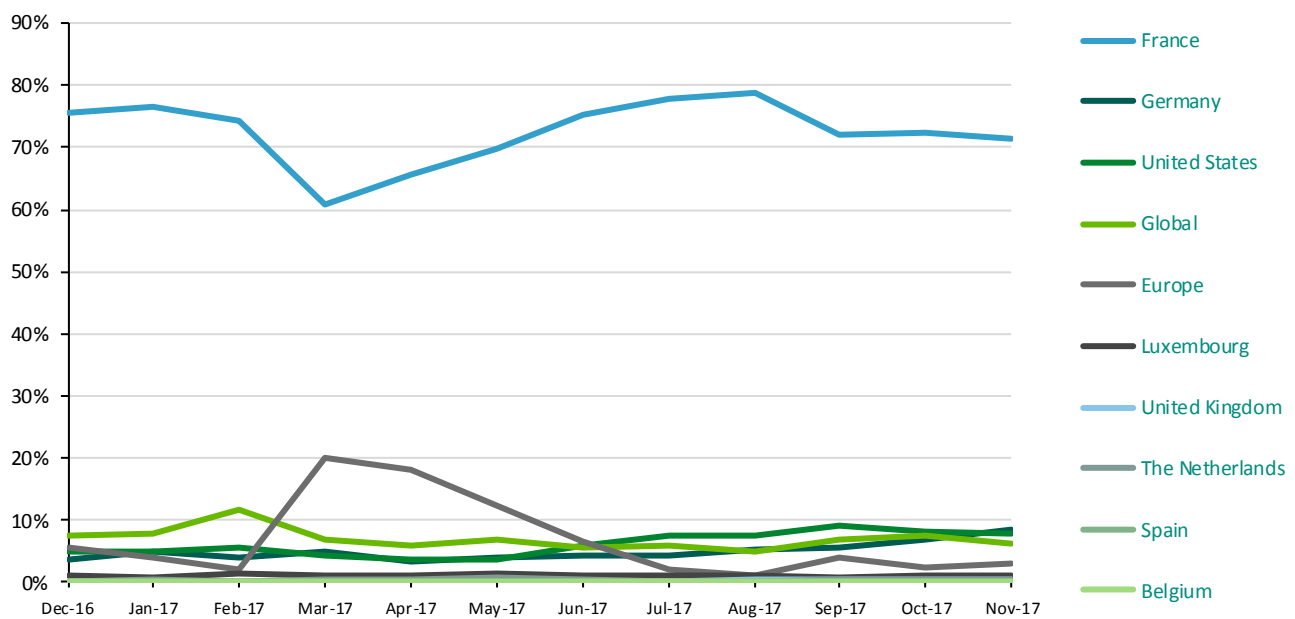
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

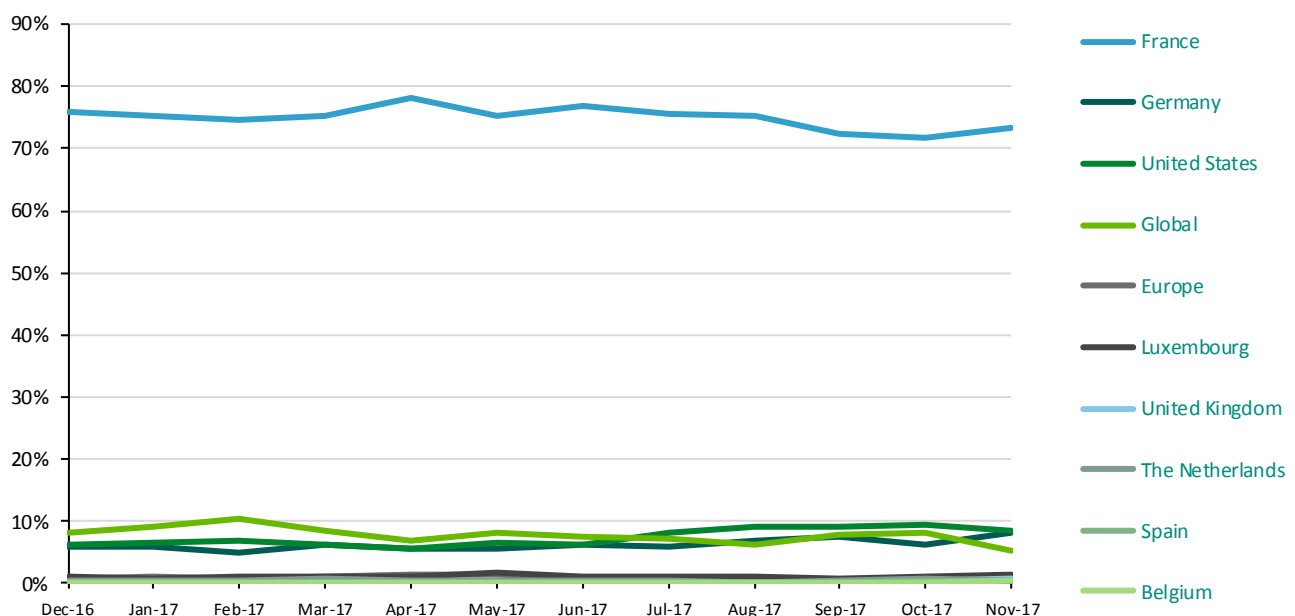
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

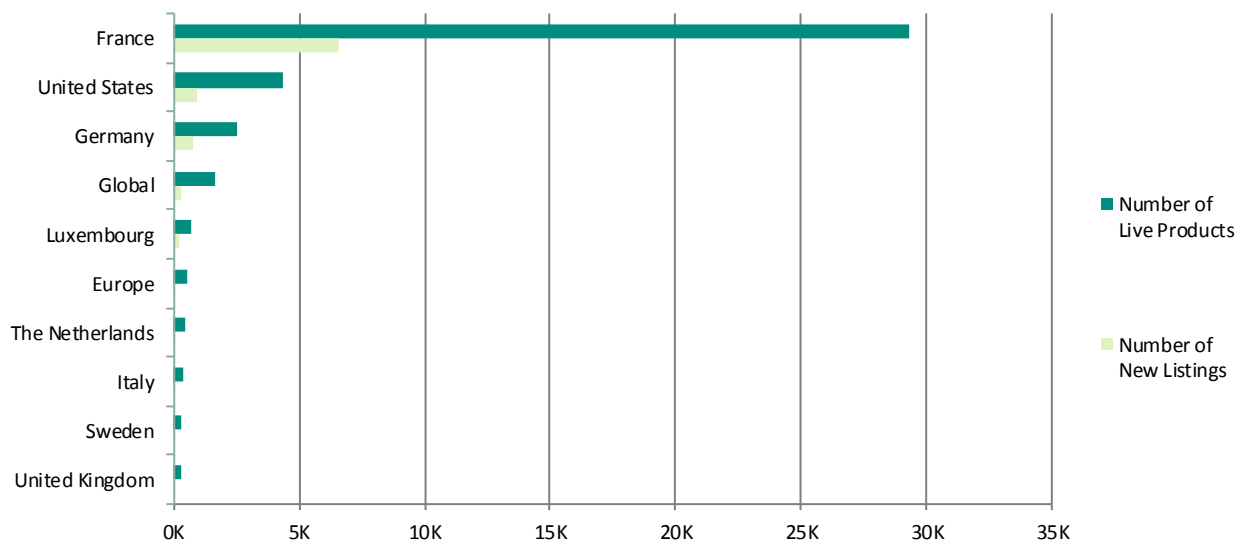
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average 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 number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	29,287	10.8%	17.6%	70.9%	6,594	3.2%	-0.6%	71.5%
United States	4,338	14.9%	19.8%	10.5%	910	21%	13.0%	9.9%
Germany	2,546	25%	17.6%	6.2%	784	64%	32%	8.5%
Global	1,663	3.2%	-0.2%	4.0%	312	70%	4.0%	3.4%
Luxembourg	702	8.7%	11.1%	1.7%	188	19.7%	7.9%	2.0%
Europe	542	5.5%	10.2%	1.3%	76	-35%	-6.5%	0.8%
The Netherlands	427	21%	38%	1.0%	74	-49%	-5.1%	0.8%
Italy	399	6.8%	40%	1.0%	17	-78%	-70%	0.2%
Sweden	305	9.4%	5.1%	0.7%	30	-67%	-47%	0.3%
United Kingdom	295	14.3%	46%	0.7%	49	-29%	-1.8%	0.5%
Other	808	19.2%	33%	2.0%	193	10.9%	94%	2.1%
<b>Total</b>	<b>41,311</b>	<b>11.8%</b>	<b>17.4%</b>	<b>100%</b>	<b>9,227</b>	<b>6.9%</b>	<b>3.3%</b>	<b>100%</b>

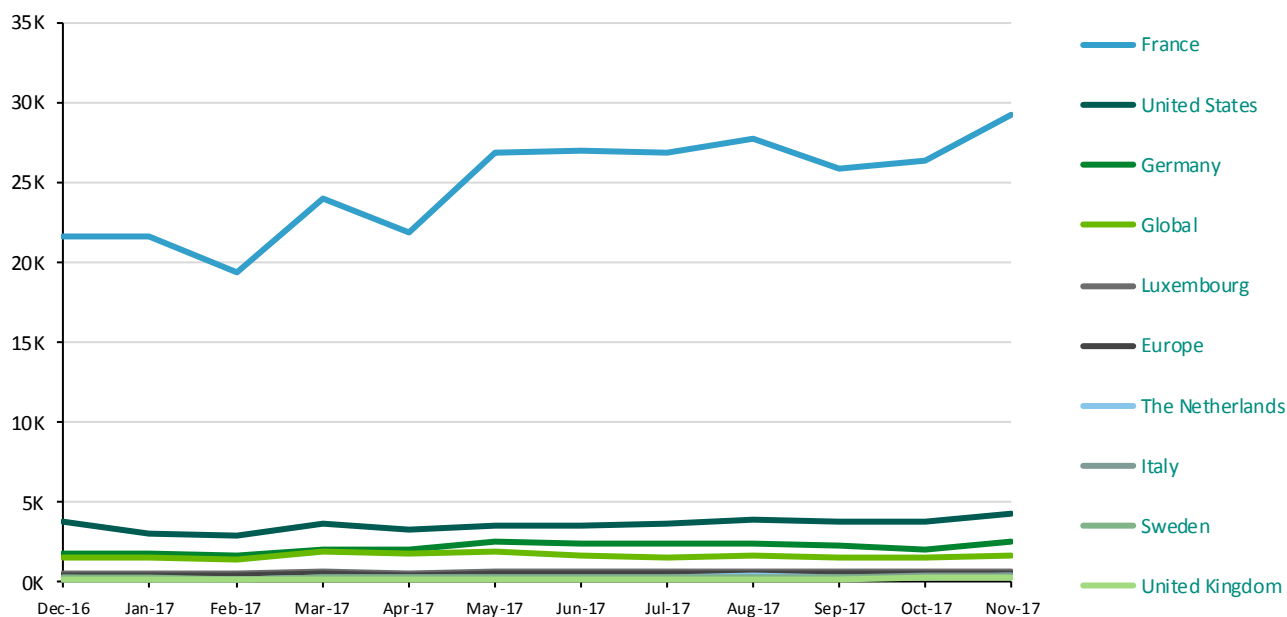
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

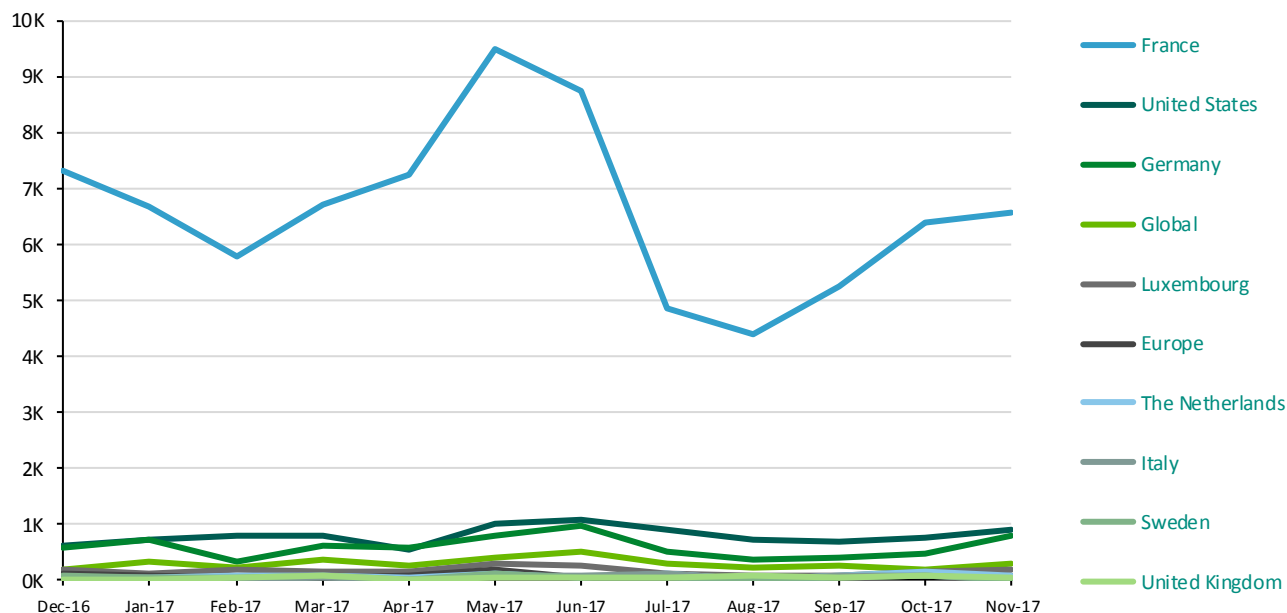
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euronext Paris.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euronext Paris.



# TOP 10 UNDERLYINGS

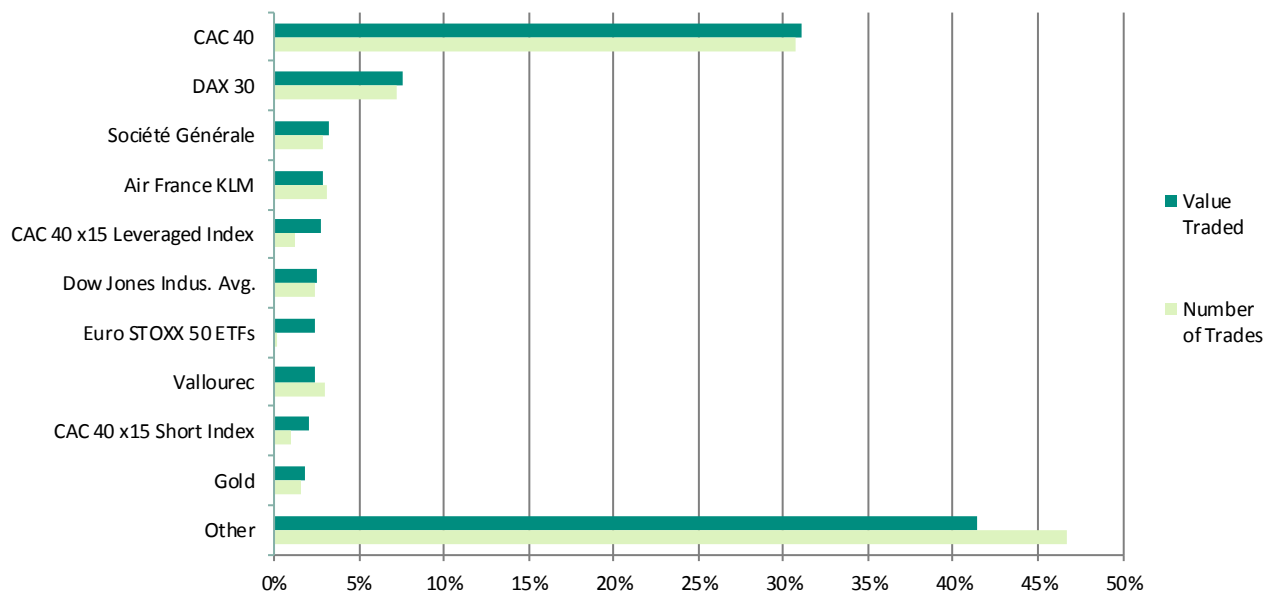
## Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	3,818	13.3%	-9.8%	31.1%	1,313	28%	-8.9%	30.8%
DAX 30	926	44%	65%	7.5%	309	53%	36%	7.2%
Société Générale	394	-5.2%	-15.5%	3.2%	123	24%	0.6%	2.9%
Air France KLM	355	249%	53%	2.9%	133	282%	114%	3.1%
CAC 40 x15 Leveraged Index	338	41%	-2.4%	2.8%	51	77%	-2.8%	1.2%
Dow Jones Indus. Avg.	309	51%	85%	2.5%	100	3.5%	39%	2.3%
Euro STOXX 50 ETFs	294	60%	-64%	2.4%	5.8	-22%	-59%	0.1%
Vallourec	290	98%	22%	2.4%	130	109%	52%	3.0%
CAC 40 x15 Short Index	249	0.7%	-3.7%	2.0%	43	-2.2%	-27%	1.0%
Gold	220	42%	12.5%	1.8%	65	-1.8%	0.3%	1.5%
Other	5,077	0.1%	-4.4%	41.4%	1,994	0.2%	3.8%	46.7%
<b>Total</b>	<b>12,270</b>	<b>13.8%</b>	<b>-4.4%</b>	<b>100%</b>	<b>4,268</b>	<b>16.7%</b>	<b>3.5%</b>	<b>100%</b>

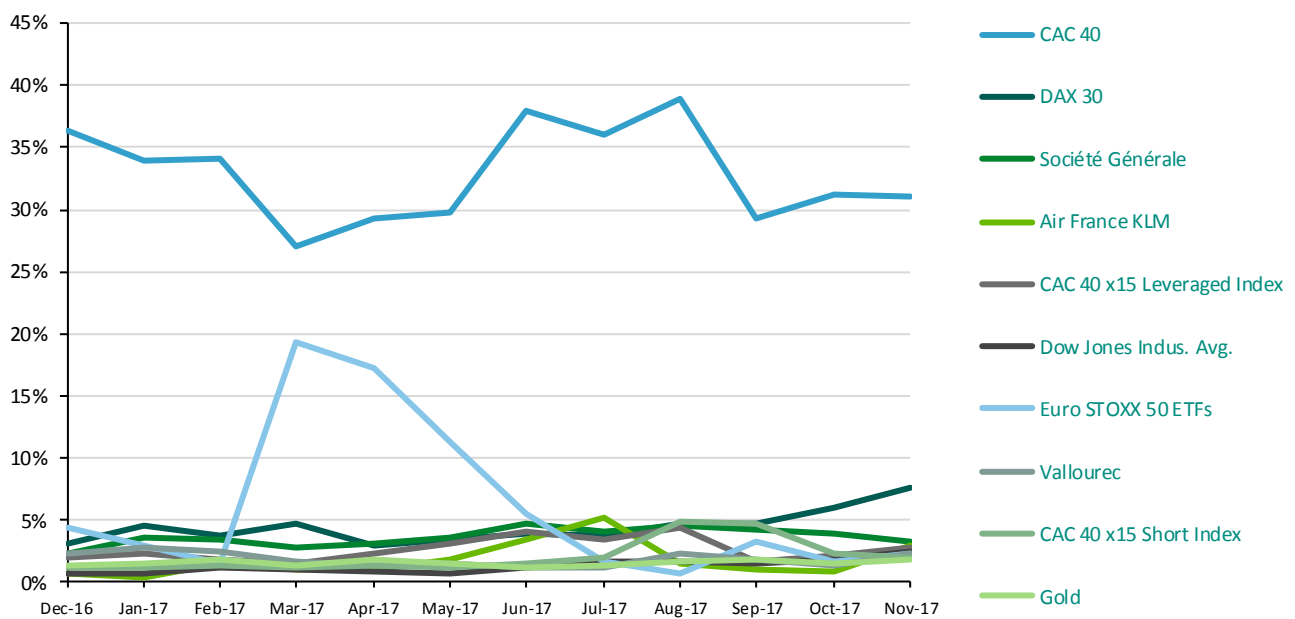
(Source Euronext)



# TOP 10 UNDERLYINGS

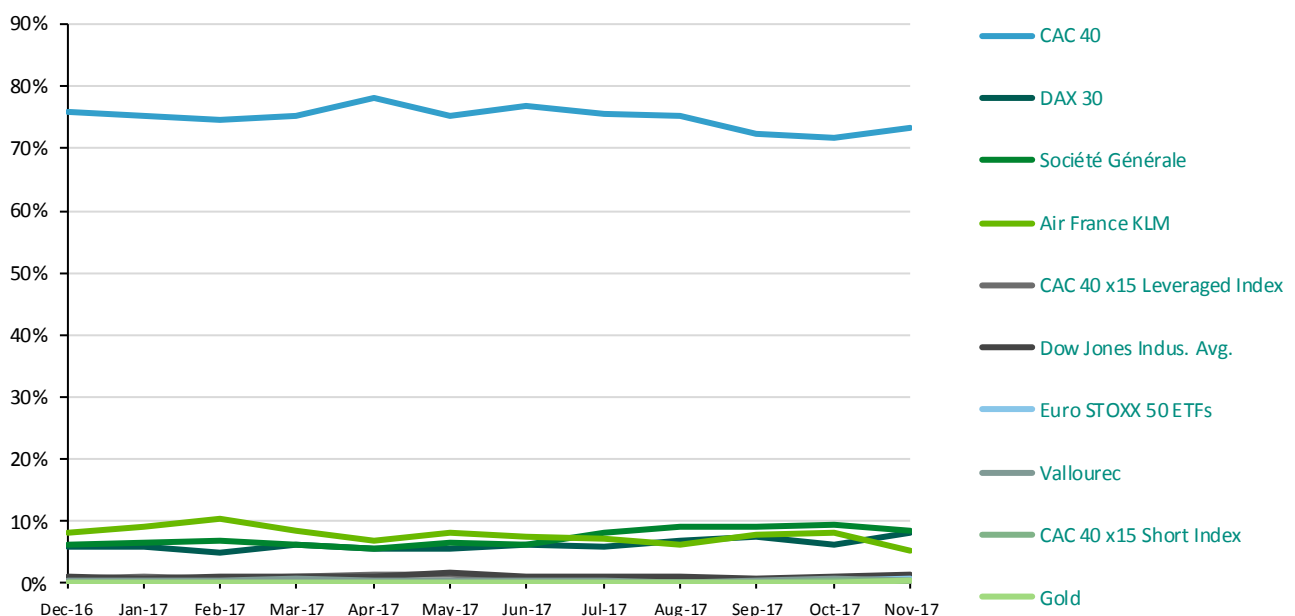
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euronext Paris.



## Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euronext Paris.





# TOP 10 UNDERLYINGS

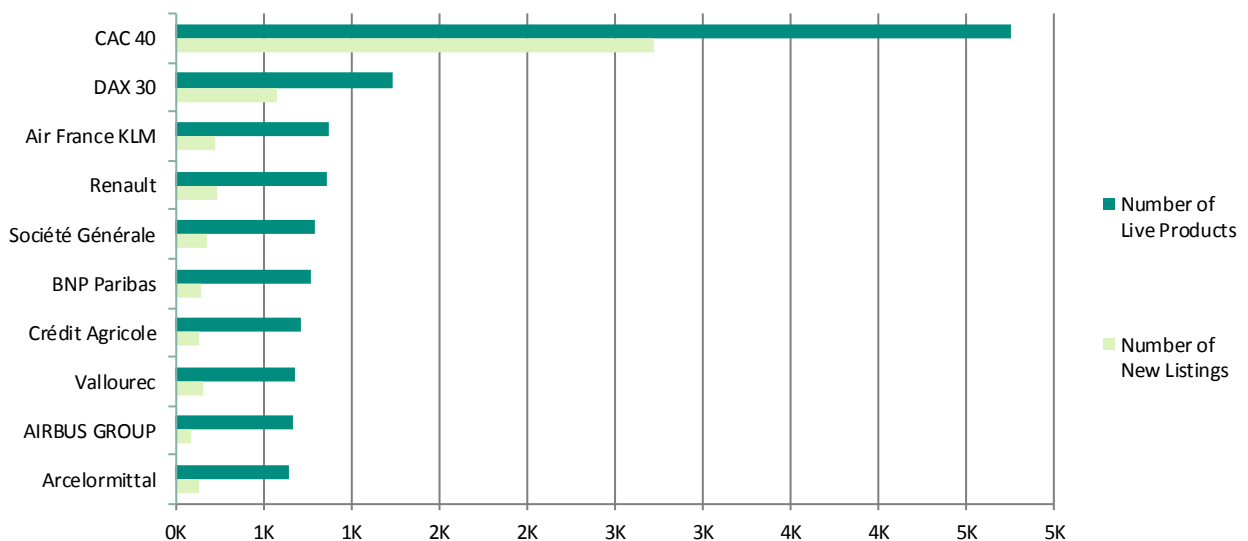
## Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	4,759	13.0%	12.2%	11.5%	2,718	54%	42%	29.5%
DAX 30	1,236	30%	6.6%	3.0%	573	132%	64%	6.2%
Air France KLM	874	4.0%	23%	2.1%	222	120%	-8.3%	2.4%
Renault	861	15.7%	28%	2.1%	233	97%	40%	2.5%
Société Générale	787	7.5%	5.6%	1.9%	178	141%	0.1%	1.9%
BNP Paribas	772	8.1%	8.6%	1.9%	146	100%	-8.6%	1.6%
Crédit Agricole	712	7.8%	10.9%	1.7%	136	66%	-12.5%	1.5%
Vallourec	675	3.9%	8.1%	1.6%	159	87%	-15.8%	1.7%
AIRBUS GROUP	672	13.1%	19.3%	1.6%	93	-41%	-27%	1.0%
Arcelormittal	648	10.2%	14.5%	1.6%	132	-15.4%	-18.4%	1.4%
Other	29,317	11.5%	19.5%	71.0%	4,637	-19.6%	-12.4%	50.3%
Total	41,311	11.8%	17.4%	100%	9,227	6.9%	3.3%	100%

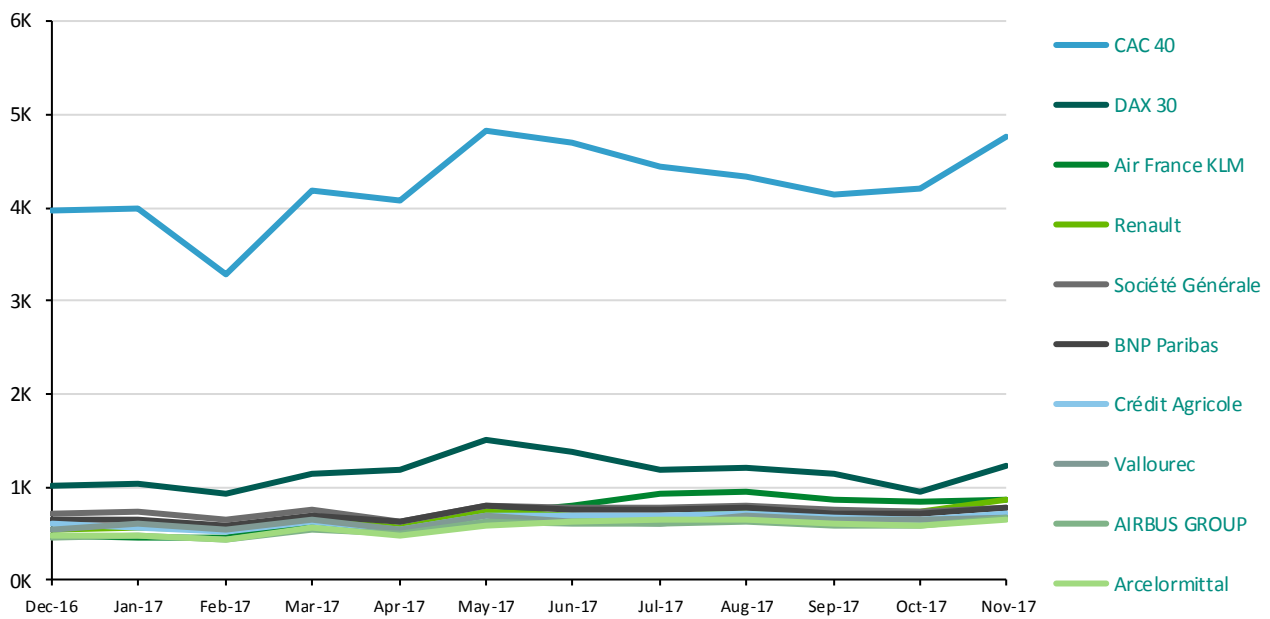
(Source Euronext)



# TOP 10 UNDERLYINGS

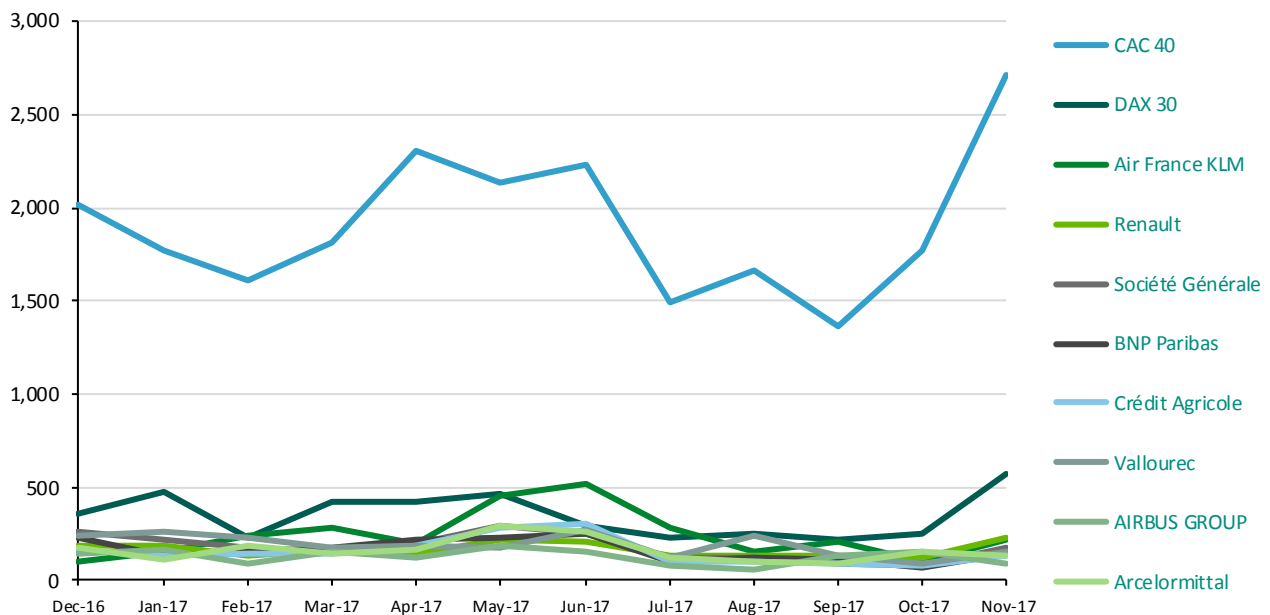
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext Paris.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying 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.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
DE000CD5NZY1	Commerzbank	2300   Constant Leverage Certificate	CAC 40	10,230	1,370
NL0011963574	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	9,192	78
DE000CE8WCF3	Commerzbank	2300   Constant Leverage Certificate	CAC 40	7,850	1,712
FR0010511535	Société Générale	1300   Tracker Certificates	Brent	6,696	420
FR0013101565	Société Générale	2300   Constant Leverage Certificate	CAC 40 x10 Leveraged Index	5,688	608
FR0013188612	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	5,627	680
FR0013217940	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	5,140	838
LU1555075784	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	3,686	838
DE000CZ28ZJ7	Commerzbank	2300   Constant Leverage Certificate	CAC 40	3,625	1,054
DE000CY5AW73	Citi	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	3,456	188
FR0010673350	Société Générale	1300   Tracker Certificates	Gold	3,450	106
LU1555074977	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	3,389	466
DE000CY91P43	Citi	2200   Knock-Out Warrants	CAC 40	3,349	46
FRBNPP00G5W8	BNP Paribas	2200   Knock-Out Warrants	DAX 30	3,345	154
DE000CQ1PGC6	Citi	2200   Knock-Out Warrants	CAC 40	2,902	56
FR0013224920	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	2,887	692
FR0010961078	Société Générale	2300   Constant Leverage Certificate	CAC 40 x5 Leveraged Index	2,833	396
NL0012645030	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	2,793	6
LU1555075438	Société Générale	2300   Constant Leverage Certificate	CAC 40 x12 Short Index	2,636	266
FRBNPP00G7Y0	BNP Paribas	2200   Knock-Out Warrants	CAC 40	2,598	314
FRBNPP00FYN3	BNP Paribas	2210   Mini-Futures	DAX 30	2,225	478
DE000CY91PG5	Citi	2200   Knock-Out Warrants	CAC 40	2,168	90
LU1452167536	Société Générale	2100   Warrants	Société Générale	2,151	170
FRBNPP00DG43	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,964	6
FRBNPP00F0K5	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,940	4
DE000CE4US60	Commerzbank	2210   Mini-Futures	Nasdaq 100	1,874	18
FRBNPP00DG50	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,848	4
FRBNPP00GRO3	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,844	14
DE000CD20UF0	Commerzbank	2210   Mini-Futures	Vallourec	1,821	94
FR0011214527	Société Générale	2300   Constant Leverage Certificate	CAC 40 x10 Leveraged Index	1,710	448
FR0011630474	Société Générale	1300   Tracker Certificates	Investir 10 - Grandes Val	1,622	288
DE000CV2DD56	Commerzbank	2200   Knock-Out Warrants	DAX 30	1,539	138
DE000CD9F7M0	Commerzbank	2210   Mini-Futures	S&P 500 Index	1,530	18
DE000CY90XX6	Citi	2200   Knock-Out Warrants	DAX 30	1,504	500
DE000CE4UQ62	Commerzbank	2210   Mini-Futures	Renault	1,489	62
DE000CE8Y7U9	Commerzbank	2100   Warrants	Crédit Agricole	1,465	184
DE000CV2DU97	Commerzbank	2200   Knock-Out Warrants	CAC 40	1,454	38
DE000CD9FVB6	Commerzbank	2210   Mini-Futures	Dow Jones Indus. Avg.	1,429	16
DE000CV2BSP4	Commerzbank	2200   Knock-Out Warrants	DAX 30	1,397	338
DE000CY926N8	Citi	2200   Knock-Out Warrants	Dow Jones Indus. Avg.	1,373	88
DE000CY91424	Citi	2205   Open-End Knock-Out Warrants	Ubisoft	1,360	236
FRBNPP00FH22	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,311	262
DE000CY5BKZ0	Citi	2100   Warrants	Air France KLM	1,307	104
DE000CV2EMU1	Commerzbank	2200   Knock-Out Warrants	DAX 30	1,287	600
DE000CV2BUW6	Commerzbank	2205   Open-End Knock-Out Warrants	Vallourec	1,272	116
NL0012300487	BNP Paribas	2100   Warrants	CAC 40	1,271	422
DE000CV2CFZ8	Commerzbank	2200   Knock-Out Warrants	CAC 40	1,250	138
DE000CD090P3	Commerzbank	2205   Open-End Knock-Out Warrants	Technip	1,230	124
DE000CV2E9Q7	Commerzbank	2200   Knock-Out Warrants	DAX 30	1,225	432
DE000CV2DFW3	Commerzbank	2200   Knock-Out Warrants	Dow Jones Indus. Avg.	1,222	214

(Source Euronext)





# EURONEXT SYNAPSE

POWERED BY **ALGOMI**

Euronext Synapse, a new MTF powered by Algomi, connects pools of liquidity and market participants within a new anonymous inter-dealer centralised market place. Join this new ecosystem with a powerful liquidity and counter-party finder tool, turning disparate data into relevant and structured information, and increasing trade opportunities and velocity in bond markets.

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