



warrants and certificates

# Activity report

Issue 80  
March 2018

## Contents

### **05 Euronext Markets**

- 06 Issuers
- 10 Product types (EUSIPA categorization level 2)
- 14 Product types (EUSIPA categorization level 3)
- 18 Product strategies
- 22 Underlying types
- 26 Top 10 underlyings countries
- 30 Top 10 underlyings
- 34 Top 50 traded products

### **35 Euronext Amsterdam**

- 36 Issuers
- 40 Product types (EUSIPA categorization level 2)
- 44 Product types (EUSIPA categorization level 3)
- 48 Product strategies
- 52 Underlying types
- 56 Top 10 underlyings countries
- 60 Top 10 underlyings
- 64 Top 50 traded products

### **65 Euronext Brussels**

- 66 Issuers
- 70 Product types (EUSIPA categorization level 2)
- 74 Product types (EUSIPA categorization level 3)
- 78 Product strategies
- 82 Underlying types
- 86 Top 10 underlyings countries
- 90 Top 10 underlyings
- 94 Top 50 traded products

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## Contents

### 95 Euronext Lisbon

96	Issuers
100	Product types (EUSIPA categorization level 2)
104	Product types (EUSIPA categorization level 3)
108	Product strategies
112	Underlying types
116	Top 10 underlyings countries
120	Top 10 underlyings
124	Top 50 traded products

### 125 Euronext Paris

126	Issuers
130	Product types (EUSIPA categorization level 2)
134	Product types (EUSIPA categorization level 3)
138	Product strategies
142	Underlying types
146	Top 10 underlyings countries
150	Top 10 underlyings
154	Top 50 traded products

	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 31/03/2018)	20 237	858	1 612	38 523	<b>61 230</b>
New Products	4 021	216	255	9 169	<b>13 661</b>
New Products YTD	13 383	718	1 250	31 980	<b>47 331</b>
Value Traded (in €m)	587,1	11,3	57,7	352,9	<b>1 009,0</b>
Value Traded YTD (in €m)	1 735,8	37,0	222,0	940,1	<b>2 934,9</b>
Value Traded ADV (in €m)	26,7	0,5	2,6	16,0	<b>45,9</b>
Value Traded YTD ADV (in €m)	26,7	0,6	3,4	14,5	<b>45,2</b>
Number of Trades	177 471	6 664	7 323	111 707	<b>303 165</b>
Number of Trades YTD	541 274	19 592	26 747	314 721	<b>902 334</b>
Number of Trades ADV	8 067	303	333	5 078	<b>13 780</b>
Number of Trades YTD ADV	8 327	301	411	4 842	<b>13 882</b>

(Source Euronext)



# EUROPEAN INDEX FUTURES

Euronext has launched in January 2018 a new future on the **Morningstar® Eurozone 50 Index<sup>SM</sup>**, offering:

- **Competitive prices:** lower transaction costs than other European index futures
- Added **flexibility** for your investment portfolio
- **Liquidity** provided by trusted market makers
- **Transparent and secured trading environment**, with **clearing** provided by LCH S.A.

Based on the Morningstar® Eurozone 50 Index<sup>SM</sup>, one of two new derived blue-chip indices launched on Euronext in July 2017, which offer **fixed low fee levels for licensing** to create bank structured products.

Futures on the Morningstar® Developed Markets Europe 100 Index<sup>SM</sup> will follow later this year.

The Morningstar Eurozone 50 Index<sup>SM</sup> and the Developed Markets Europe 100 Index<sup>SM</sup> are positioned as a very competitive alternative to existing European indices and form part of Morningstar's open index family, making index benchmarking available at no cost and enabling parties to create ETFs and ETPs at very low cost.

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Client Coverage Centre

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CCC France +33 1 85 148 586

CCC Netherlands +31 2 07 219 586

CCC Portugal +351 2 10 608 586

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# Euronext Markets

# ISSUERS

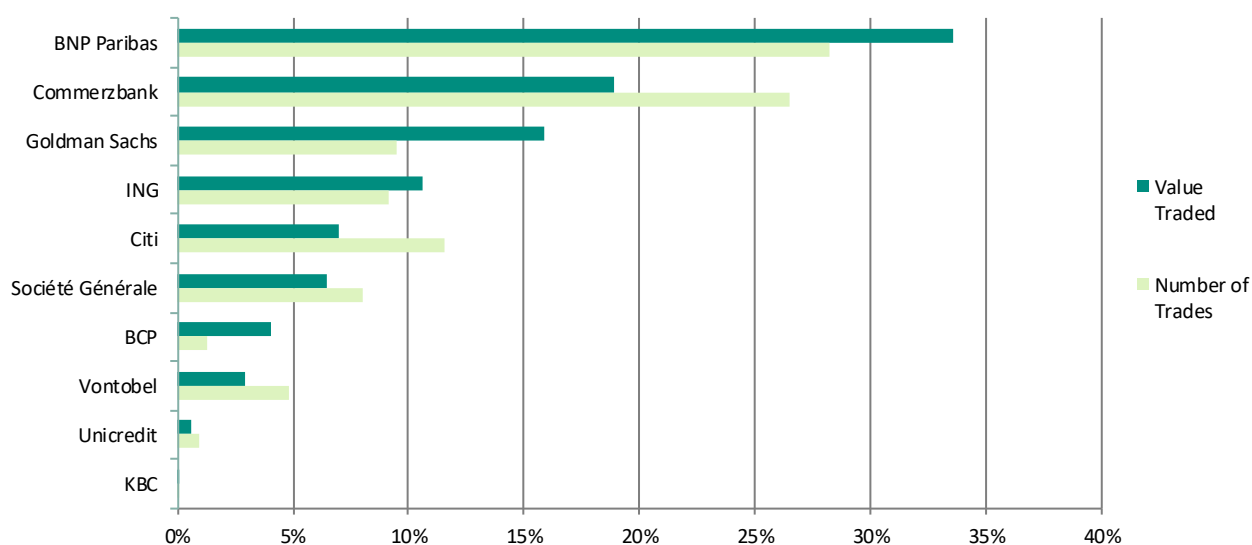
## Market Overview

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	15 412	0,6%	12,9%	33,6%	3 889	-18,4%	12,8%	28,2%
Commerzbank	8 668	-12,9%	22%	18,9%	3 648	-12,8%	32,9%	26,5%
Goldman Sachs	7 279	10,9%	52%	15,9%	1 309	-1,8%	23,8%	9,5%
ING	4 870	52%	60%	10,6%	1 262	2,8%	53,2%	9,2%
Citi	3 208	-9,4%	-3,5%	7,0%	1 598	-5,3%	22,1%	11,6%
Société Générale	2 964	-19,3%	-15,1%	6,5%	1 106	-13,2%	3,6%	8,0%
BCP	1 834	-25%	-43%	4,0%	179	-30,6%	-46,4%	1,3%
Vontobel	1 339	10,2%	162%	2,9%	667	-0,4%	128,9%	4,8%
Unicredit	287	-17,4%	-11,9%	0,6%	122	-28,5%	-29,2%	0,9%
KBC	2	176%	332%	0,0%	0,6	136,4%	286,4%	0,0%
<b>Total</b>	<b>45 862</b>	<b>-0,9%</b>	<b>16,3%</b>	<b>100%</b>	<b>13 780</b>	<b>-11,5%</b>	<b>22,5%</b>	<b>100%</b>

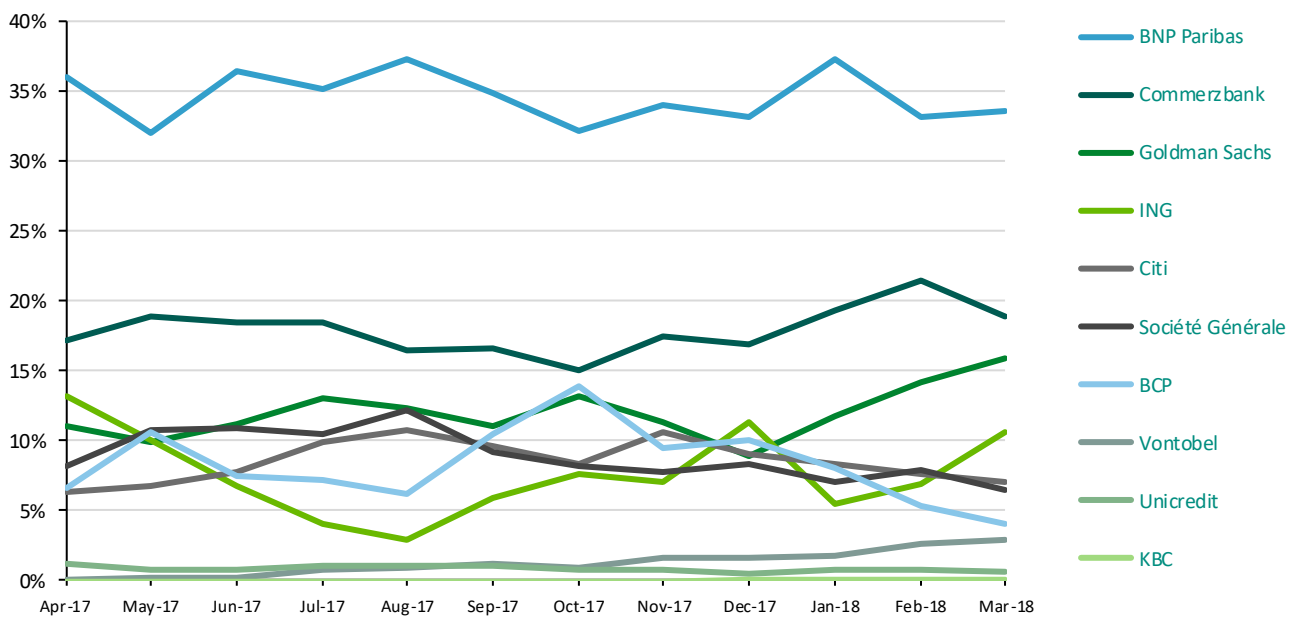
(Source Euronext)



# ISSUERS

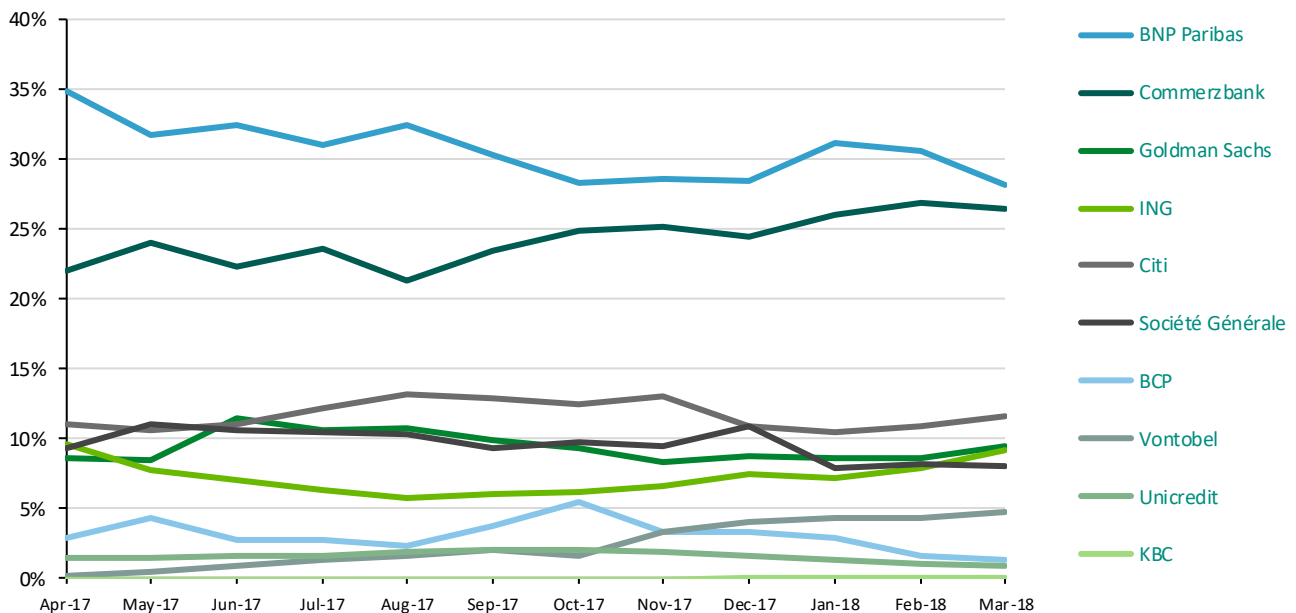
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded 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

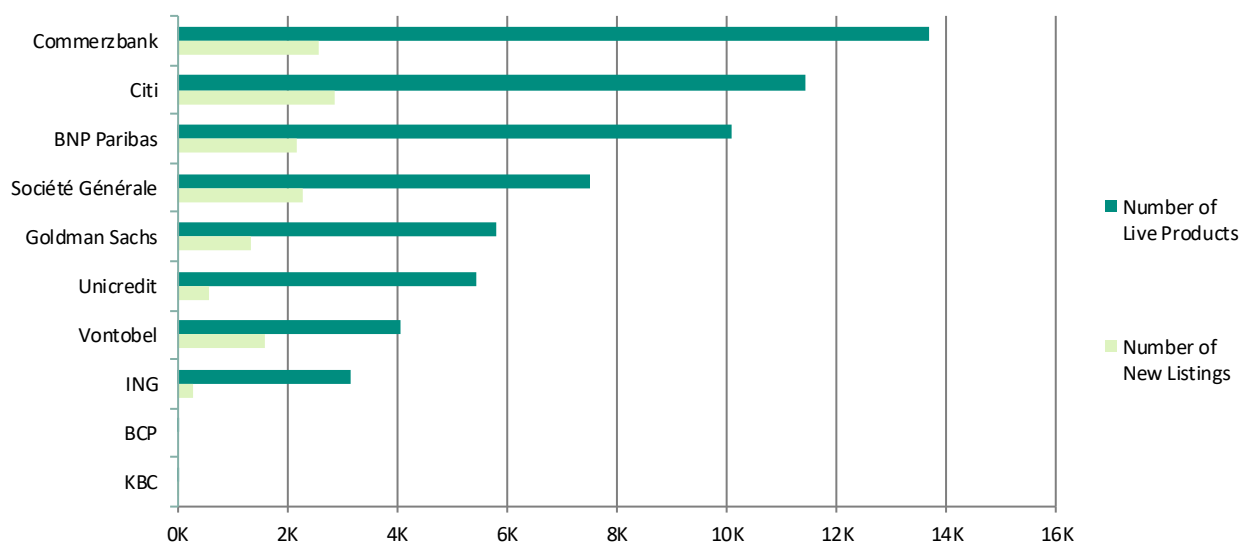
## Product Overview

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	13 683	5,4%	4,0%	22,3%	2 583	-25%	12,6%	18,9%
Citi	11 433	3,6%	14,2%	18,7%	2 865	-31%	-6,8%	21,0%
BNP Paribas	10 105	3,3%	2,0%	16,5%	2 164	-28%	-12,9%	15,8%
Société Générale	7 503	1,8%	-24%	12,3%	2 294	0,9%	27%	16,8%
Goldman Sachs	5 804	9,9%	8,3%	9,5%	1 337	-28%	22%	9,8%
Unicredit	5 449	-6,9%	2,7%	8,9%	556	-56%	-51%	4,1%
Vontobel	4 060	8,2%	57%	6,6%	1 585	-4,3%	56%	11,6%
ING	3 159	7,0%	4,8%	5,2%	273	-19,2%	16,7%	2,0%
BCP	23	5,5%	0,3%	0,0%	0		-100%	0,0%
KBC	12	24%	442%	0,0%	4	33%	109%	0,0%
<b>Total</b>	<b>61 230</b>	<b>3,7%</b>	<b>3,3%</b>	<b>100%</b>	<b>13 661</b>	<b>-24,1%</b>	<b>3,9%</b>	<b>100%</b>

(Source Euronext)

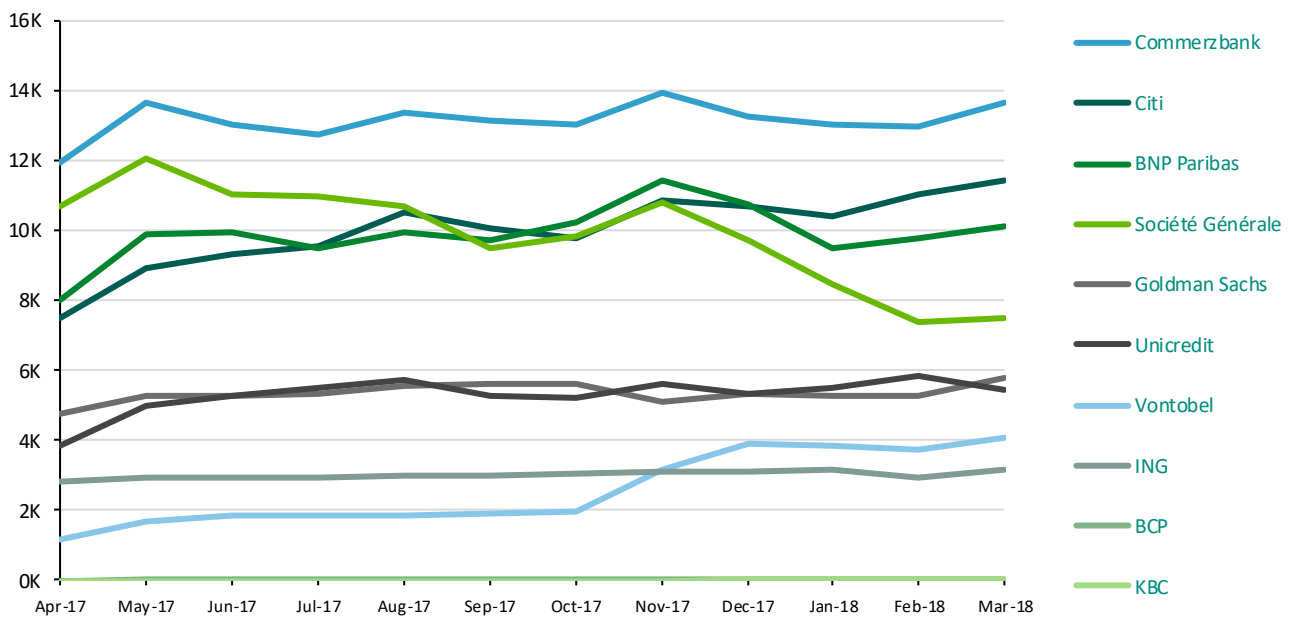




# ISSUERS

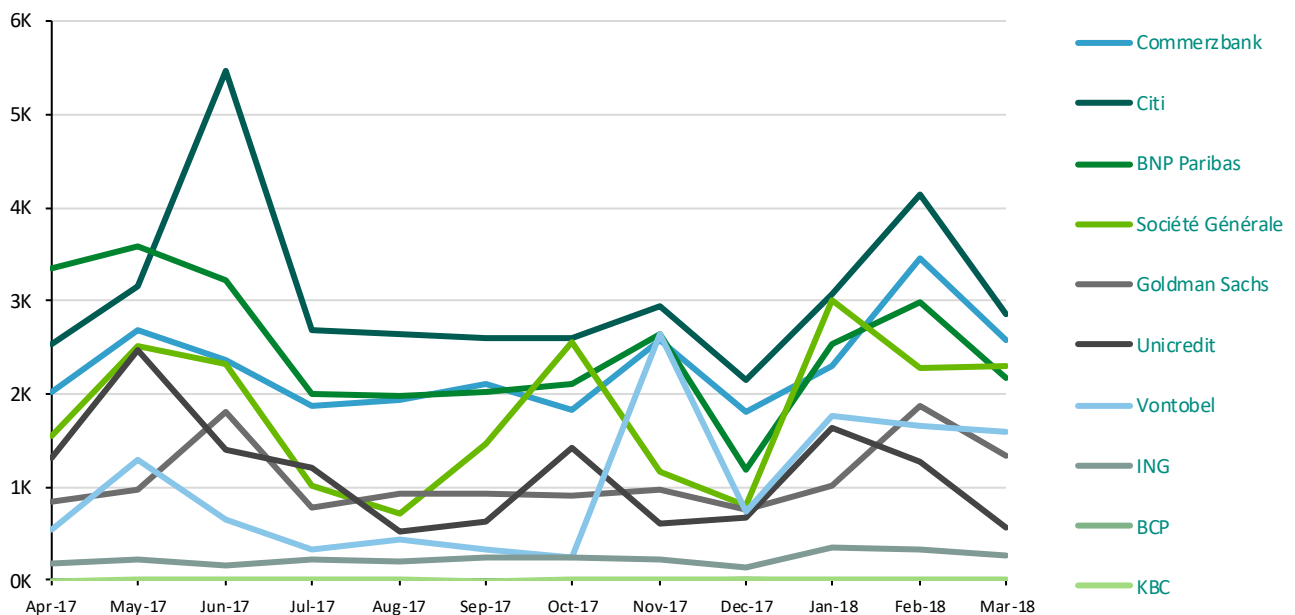
## Product Trend: Number of Live Products

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)

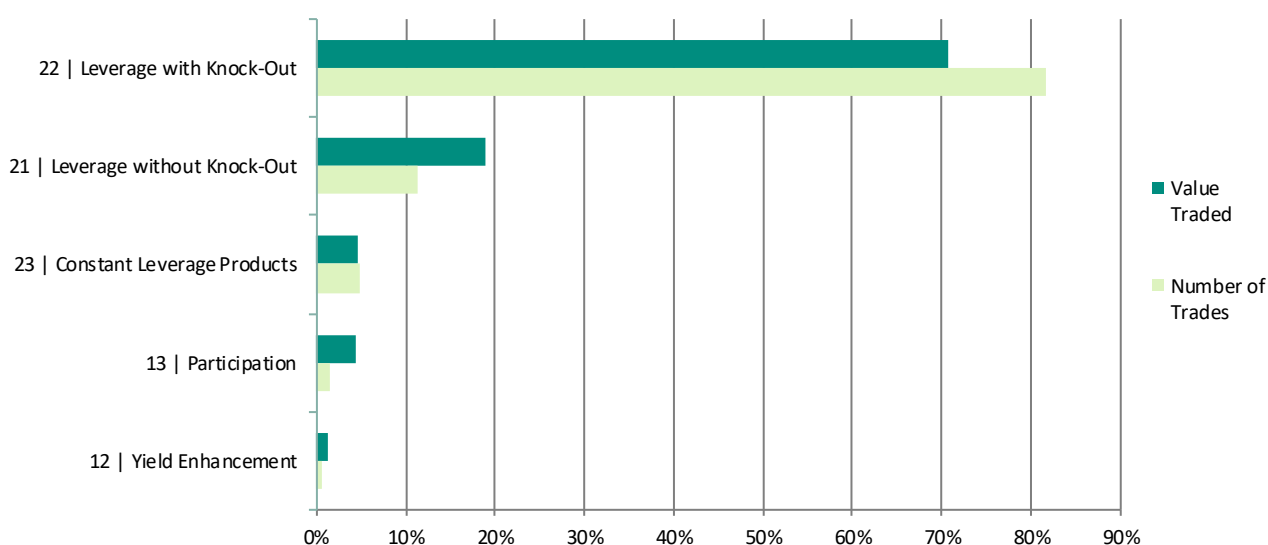
## Market Overview

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	32 418	-10,4%	14,6%	70,7%	11 265	-13,2%	24%	81,7%
21   Leverage without Knock-Out	8 664	114%	77%	18,9%	1 548	7,5%	27%	11,2%
23   Constant Leverage Products	2 173	-17,4%	2,8%	4,7%	667	-10,0%	39%	4,8%
13   Participation	2 065	-25%	-43%	4,5%	214	-31%	-45%	1,5%
12   Yield Enhancement	540	-14,2%	-0,9%	1,2%	86	-13,5%	4,8%	0,6%
<b>Total</b>	<b>45 862</b>	<b>-0,9%</b>	<b>16,3%</b>	<b>100%</b>	<b>13 780</b>	<b>-11,5%</b>	<b>22,5%</b>	<b>100%</b>

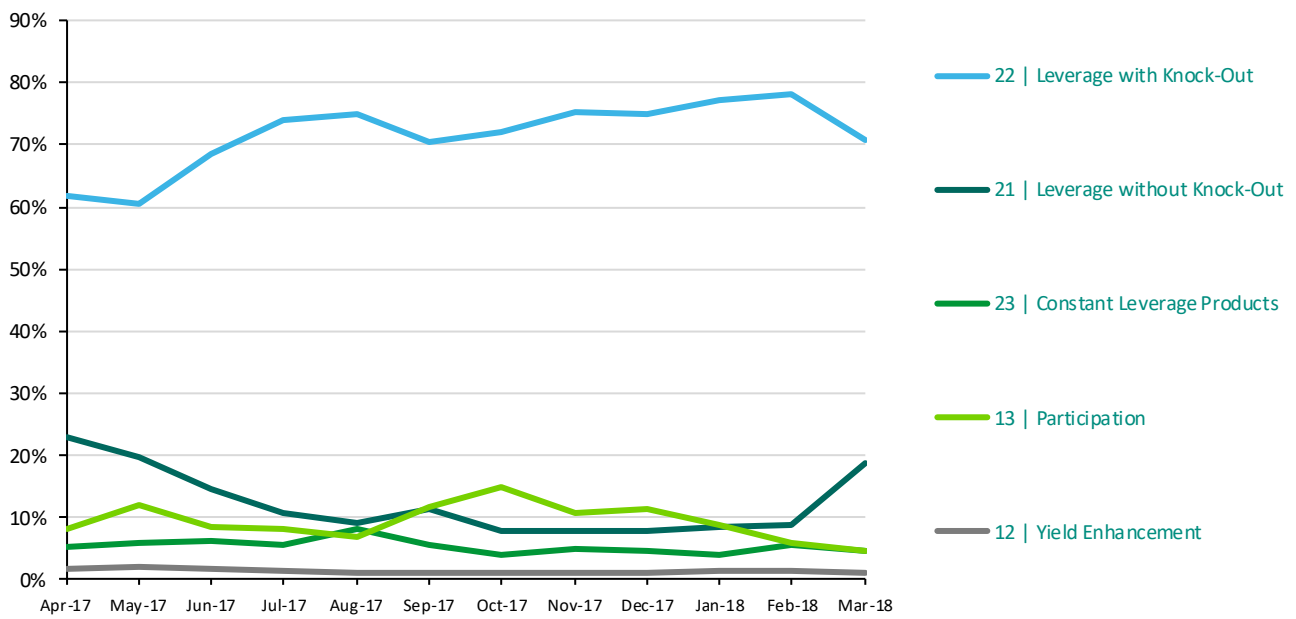
(Source Euronext)



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

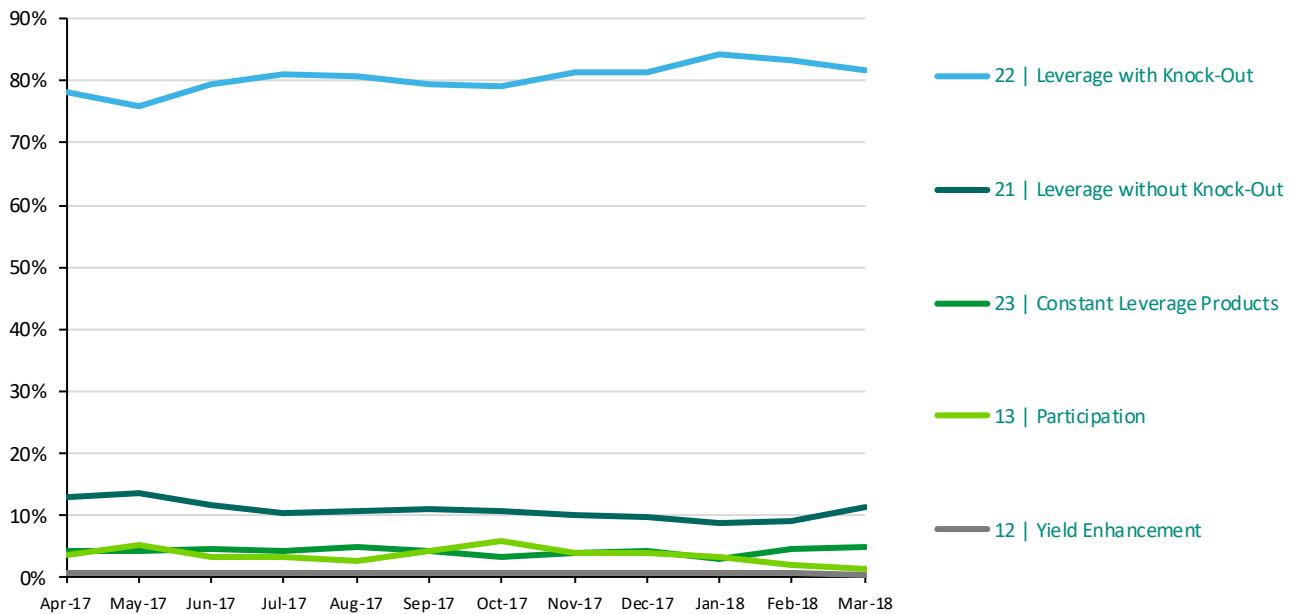
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type 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)

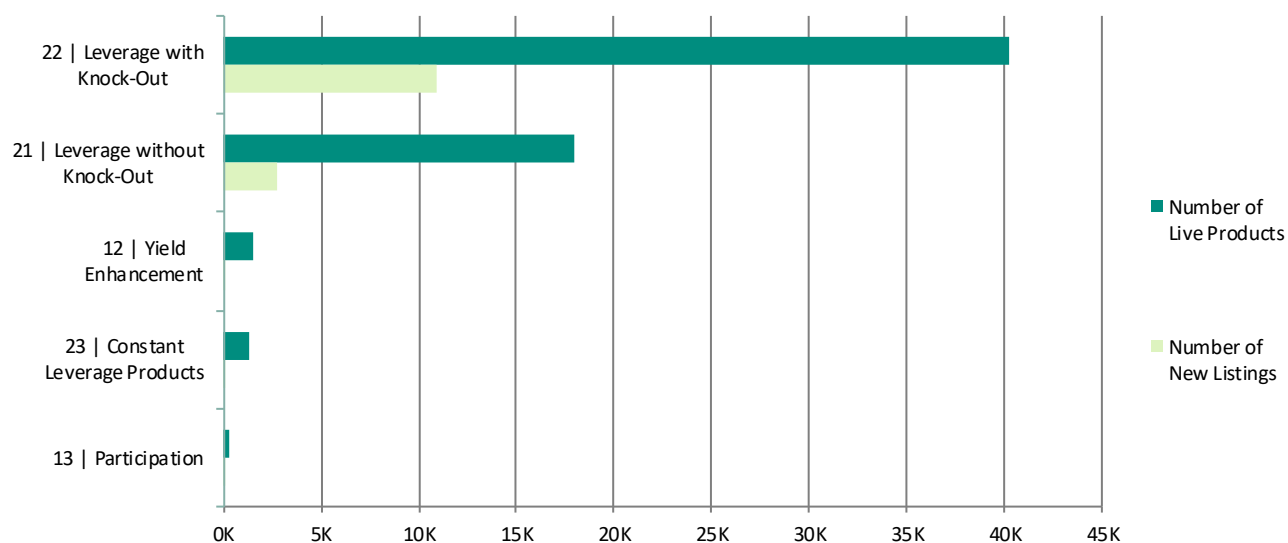
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

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	40 230	5,8%	5,7%	65,7%	10 889	-28%	13,8%	79,7%
21   Leverage without Knock-Out	17 941	-1,1%	-1,2%	29,3%	2 725	8,5%	-18,0%	19,9%
12   Yield Enhancement	1 458	9,3%	5,9%	2,4%	25	-93%	-86%	0,2%
23   Constant Leverage Products	1 305	5,5%	-3,0%	2,1%	19		-64%	0,1%
13   Participation	289	8,6%	-9,6%	0,5%	3	-92%	-69%	0,0%
<b>Total</b>	<b>61 230</b>	<b>3,7%</b>	<b>3,3%</b>	<b>100%</b>	<b>13 661</b>	<b>-24,1%</b>	<b>3,9%</b>	<b>100%</b>

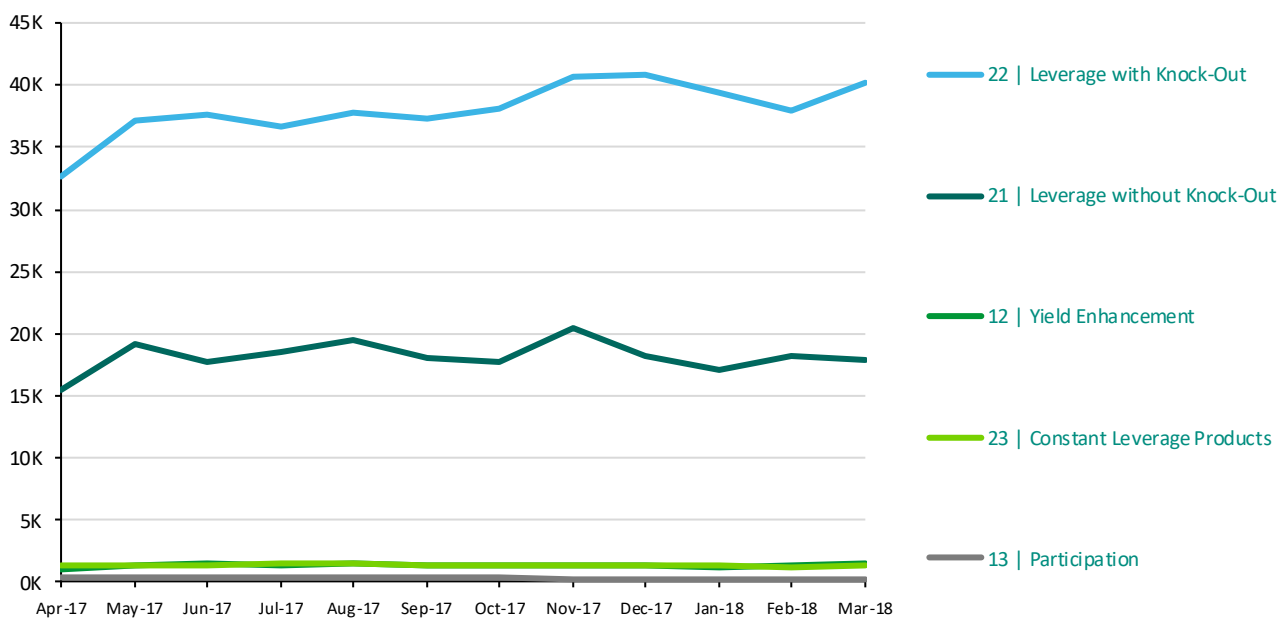
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

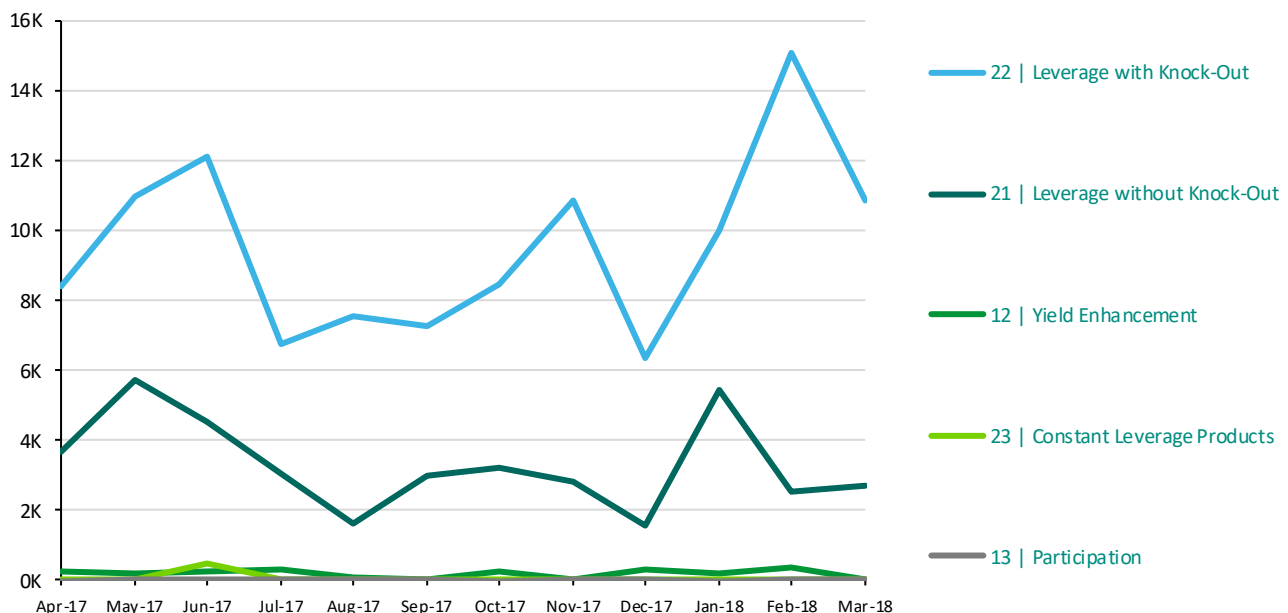
## Product Trend: Number of Live Products

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)

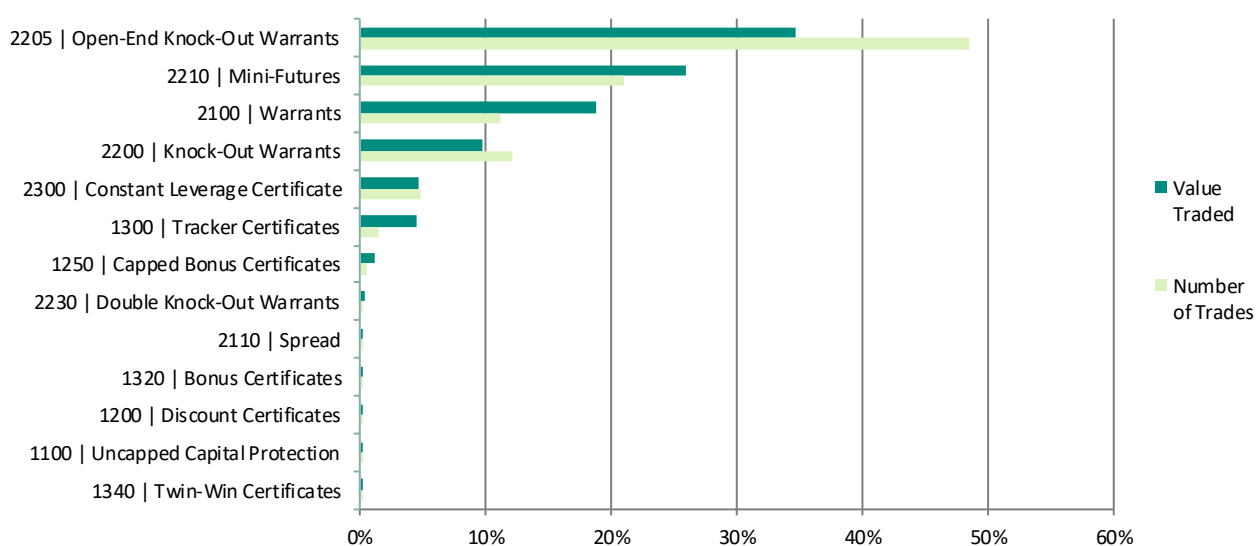
## Market Overview

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
2205   Open-End Knock-Out Warrants	15 895	-14,1%	25%	34,7%	6 680	-9,9%	31%	48,5%
2210   Mini-Futures	11 886	-6,3%	7,4%	25,9%	2 896	-20%	16,9%	21,0%
2100   Warrants	8 641	115%	77%	18,8%	1 533	7,4%	27%	11,1%
2200   Knock-Out Warrants	4 478	-6,2%	3,9%	9,8%	1 663	-12,3%	12,4%	12,1%
2300   Constant Leverage Certificate	2 173	-17,4%	2,8%	4,7%	667	-10,0%	39%	4,8%
1300   Tracker Certificates	2 045	-25%	-43%	4,5%	205	-31%	-46%	1,5%
1250   Capped Bonus Certificates	539	-14,3%	-0,8%	1,2%	85	-13,6%	4,9%	0,6%
2230   Double Knock-Out Warrants	159	-34%	-3,3%	0,3%	26	-34%	26%	0,2%
2110   Spread	23	-18,4%	-3,4%	0,0%	15	21%	48%	0,1%
1320   Bonus Certificates	20	-40%	1,0%	0,0%	8,3	-27%	38%	0,1%
1200   Discount Certificates	2	50%	-19,3%	0,0%	0,4	36%	-16,5%	0,0%
1100   Uncapped Capital Protection	1	23%	-31%	0,0%	0,5	-41%	0,4%	0,0%
1340   Twin-Win Certificates	1	-80%	11,3%	0,0%	0,4	-80%	40%	0,0%
<b>Total</b>	<b>45 862</b>	<b>-0,9%</b>	<b>16,3%</b>	<b>100%</b>	<b>13 780</b>	<b>-11,5%</b>	<b>22,5%</b>	<b>100%</b>

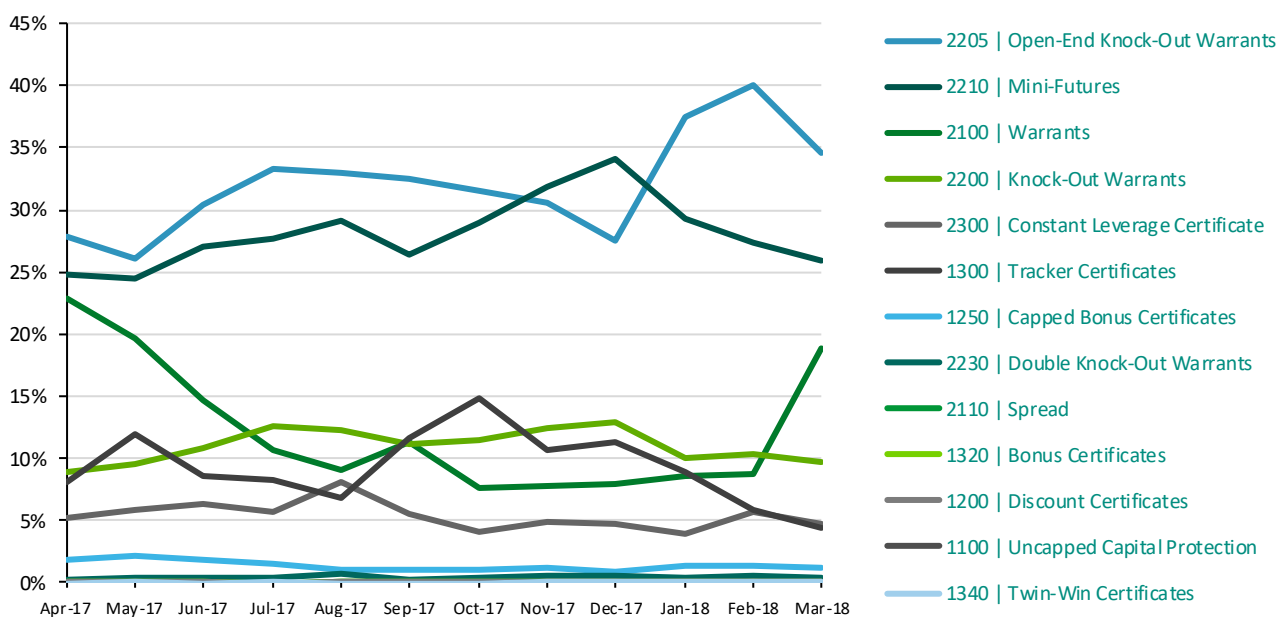
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

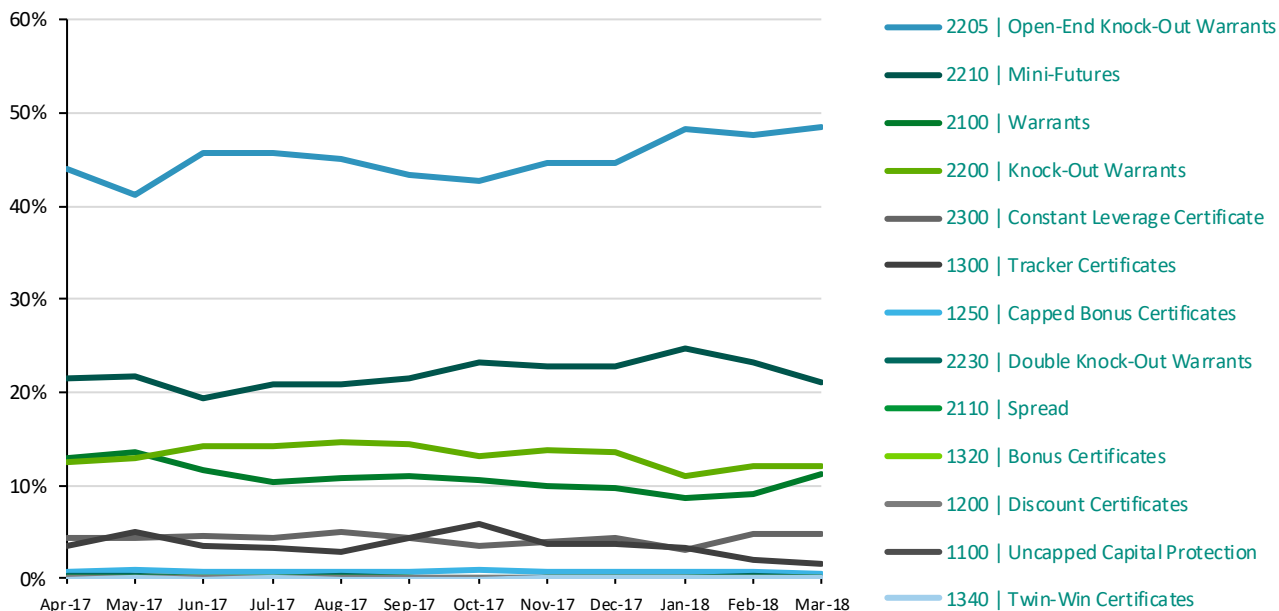
## Market Trend: Value traded

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)

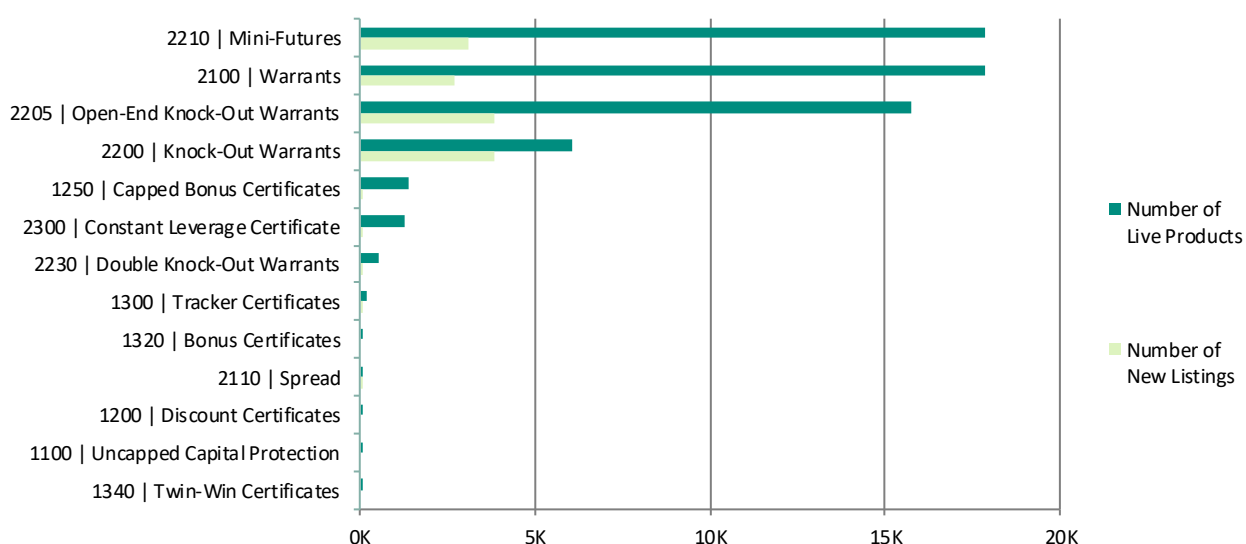
## Product Overview

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
2210   Mini-Futures	17 871	6,0%	6,1%	29,2%	3 089	-19,5%	10,3%	22,6%
2100   Warrants	17 866	-1,1%	-1,0%	29,2%	2 697	7,5%	-18,4%	19,7%
2205   Open-End Knock-Out Warrants	15 730	6,4%	4,3%	25,7%	3 863	-21%	21%	28,3%
2200   Knock-Out Warrants	6 092	1,3%	2,3%	9,9%	3 840	-36%	10,1%	28,1%
1250   Capped Bonus Certificates	1 397	9,5%	7,5%	2,3%	25	-93%	-86%	0,2%
2300   Constant Leverage Certificate	1 305	5,5%	-3,0%	2,1%	19		-64%	0,1%
2230   Double Knock-Out Warrants	538	41%	199%	0,9%	97	-69%	18,9%	0,7%
1300   Tracker Certificates	177	6,2%	-22%	0,3%	3	50%	89%	0,0%
1320   Bonus Certificates	108	12,9%	21%	0,2%	0	-100%	-100%	0,0%
2110   Spread	74	-11,4%	-28%	0,1%	28	NA	53%	0,2%
1200   Discount Certificates	61	5,3%	-21%	0,1%	0		-100%	0,0%
1100   Uncapped Capital Protection	7	5,3%	125%	0,0%	0		-100%	0,0%
1340   Twin-Win Certificates	4	5,3%	4,8%	0,0%	0		-100%	0,0%
<b>Total</b>	<b>61 230</b>	<b>3,7%</b>	<b>3,3%</b>	<b>100%</b>	<b>13 661</b>	<b>-24,1%</b>	<b>3,9%</b>	<b>100%</b>

(Source Euronext)

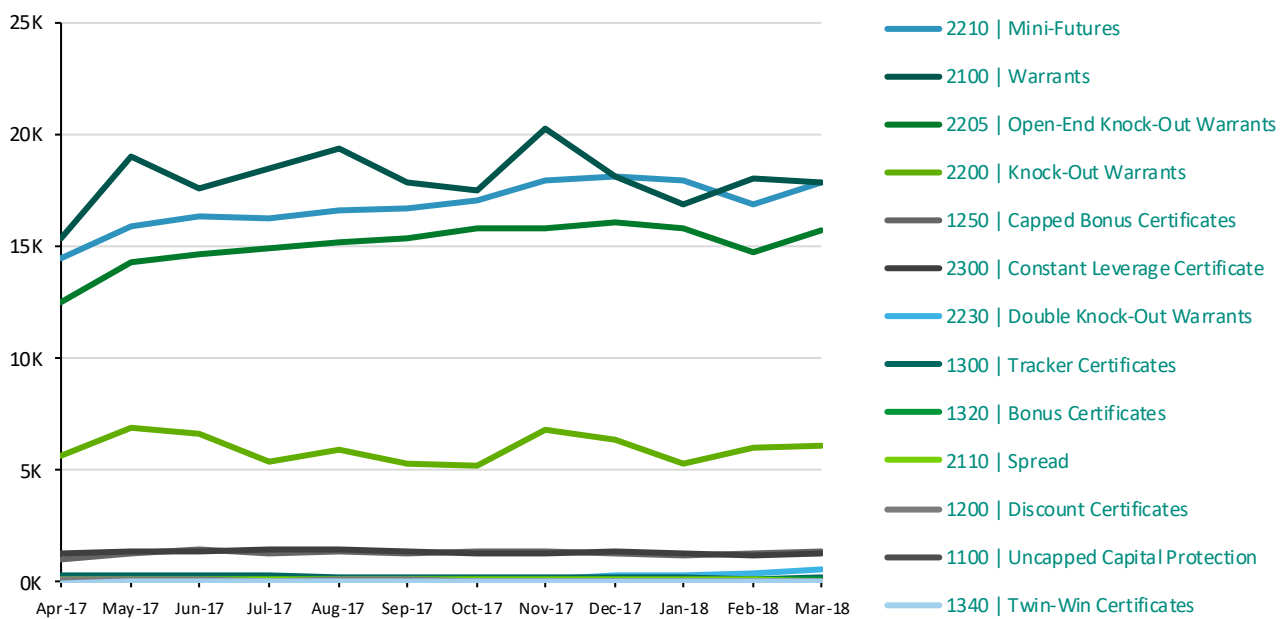




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

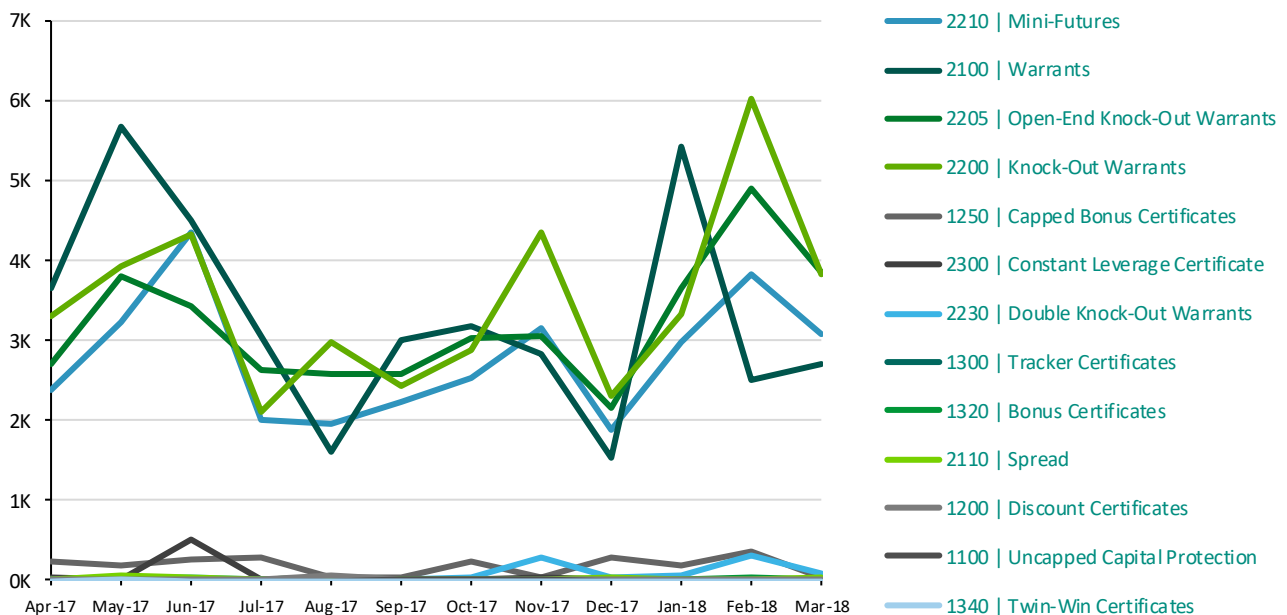
## Product Trend: Number of Live Products

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

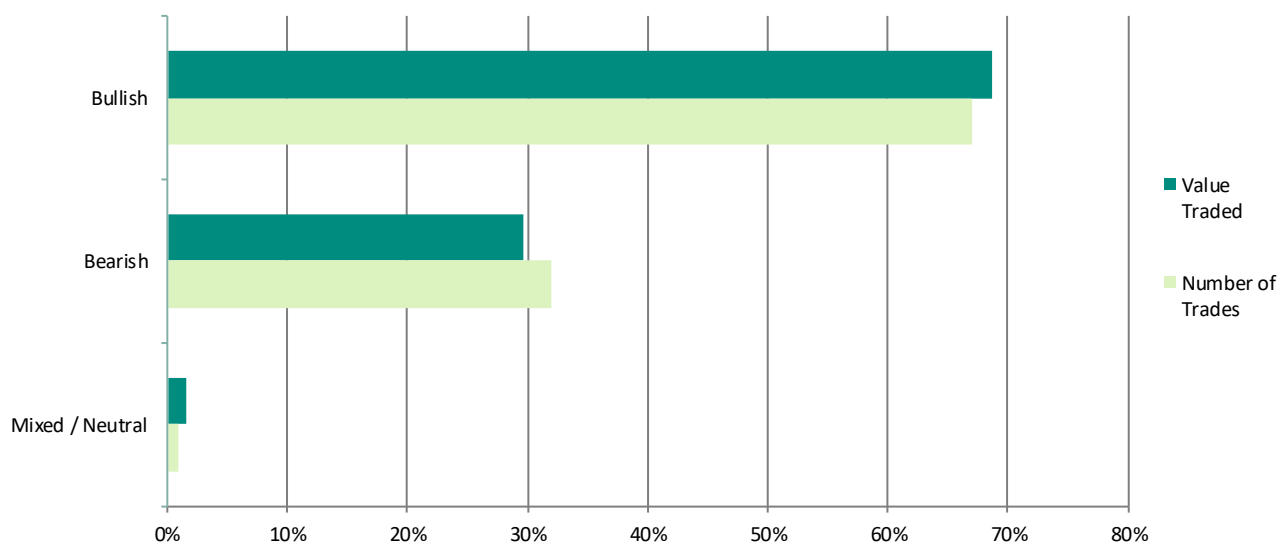
## Market Overview

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	31 518	1,3%	12,1%	68,7%	9 238	-13,0%	23%	67,0%
Bearish	13 610	-4,3%	29%	29,7%	4 409	-7,9%	21%	32,0%
Mixed / Neutral	735	-20%	-5,2%	1,6%	132	-15,3%	11,6%	1,0%
Total	45 862	-0,9%	16,3%	100%	13 780	-11,5%	22,5%	100%

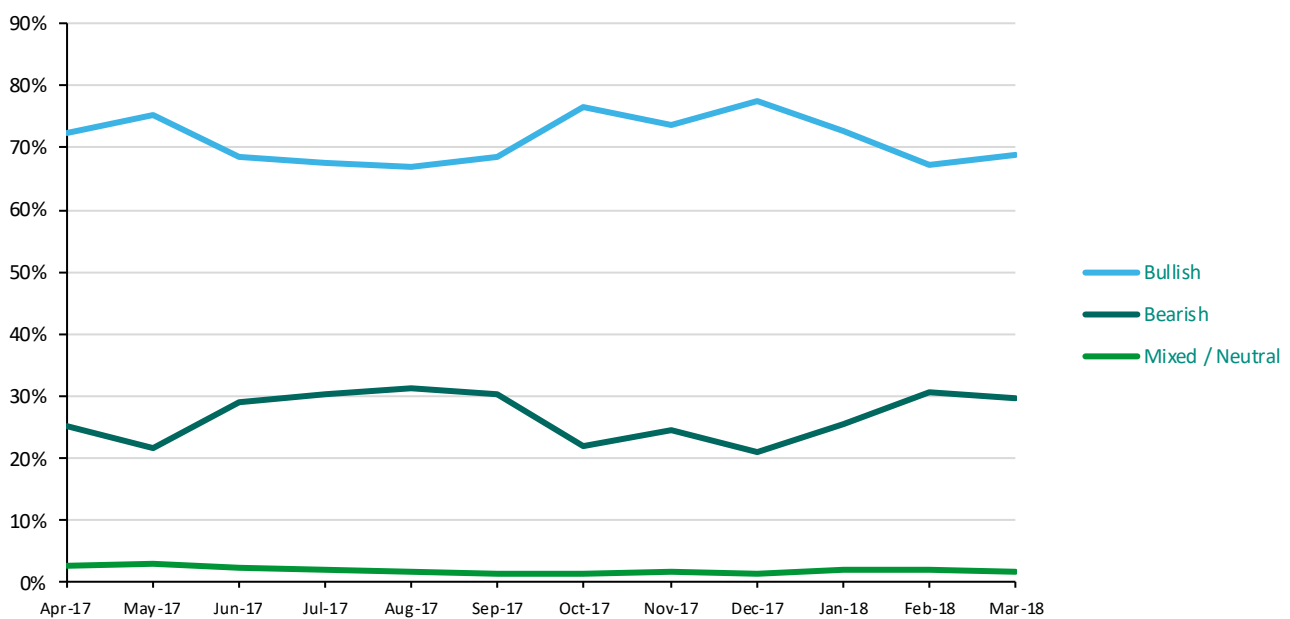
(Source Euronext)



# PRODUCT STRATEGIES

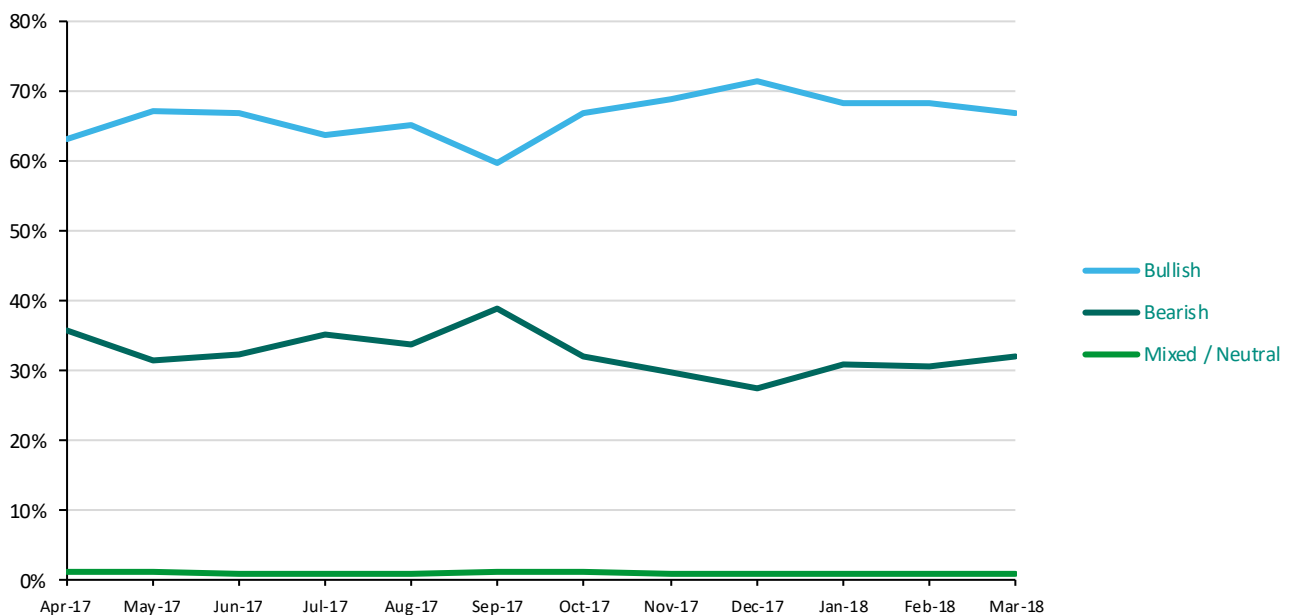
## Market Trend: Value traded

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

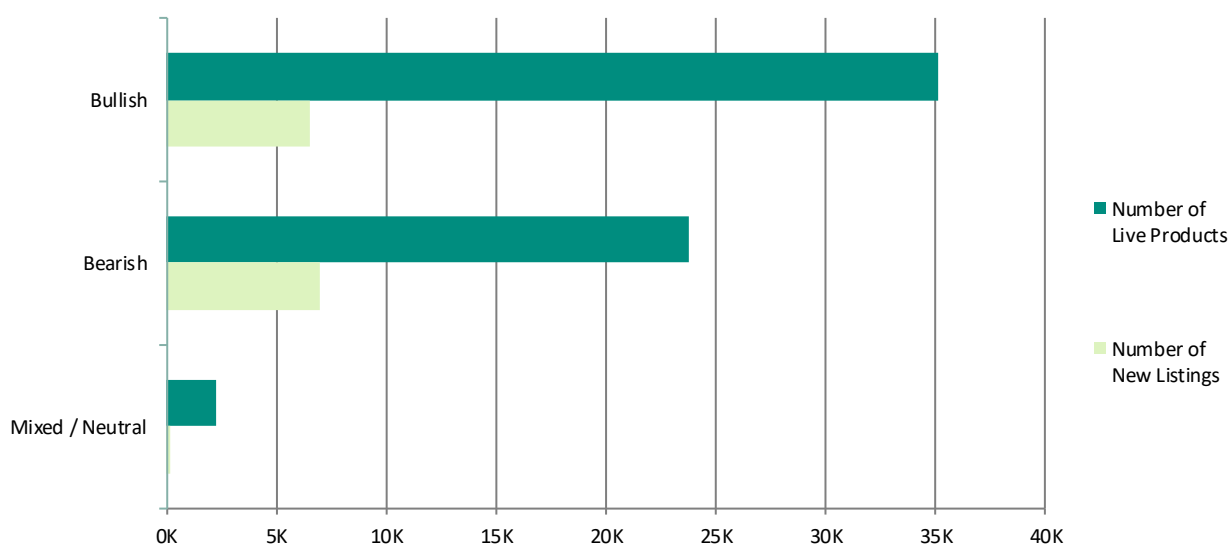
## Product Overview

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	35 178	1,9%	-3,5%	57,5%	6 511	-25%	-3,0%	47,7%
Bearish	23 774	5,6%	13,6%	38,8%	7 000	-18,9%	13,8%	51,2%
Mixed / Neutral	2 278	14,1%	21%	3,7%	150	-78%	-47%	1,1%
<b>Total</b>	<b>61 230</b>	<b>3,7%</b>	<b>3,3%</b>	<b>100%</b>	<b>13 661</b>	<b>-24,1%</b>	<b>3,9%</b>	<b>100%</b>

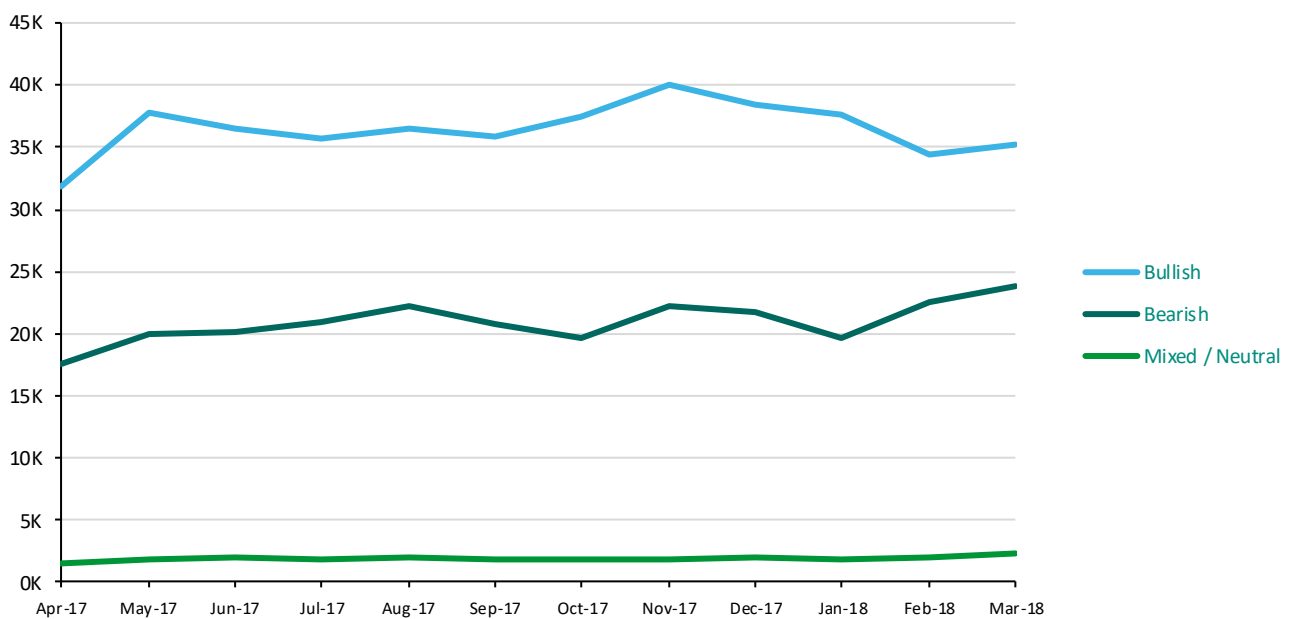
(Source Euronext)



# PRODUCT STRATEGIES

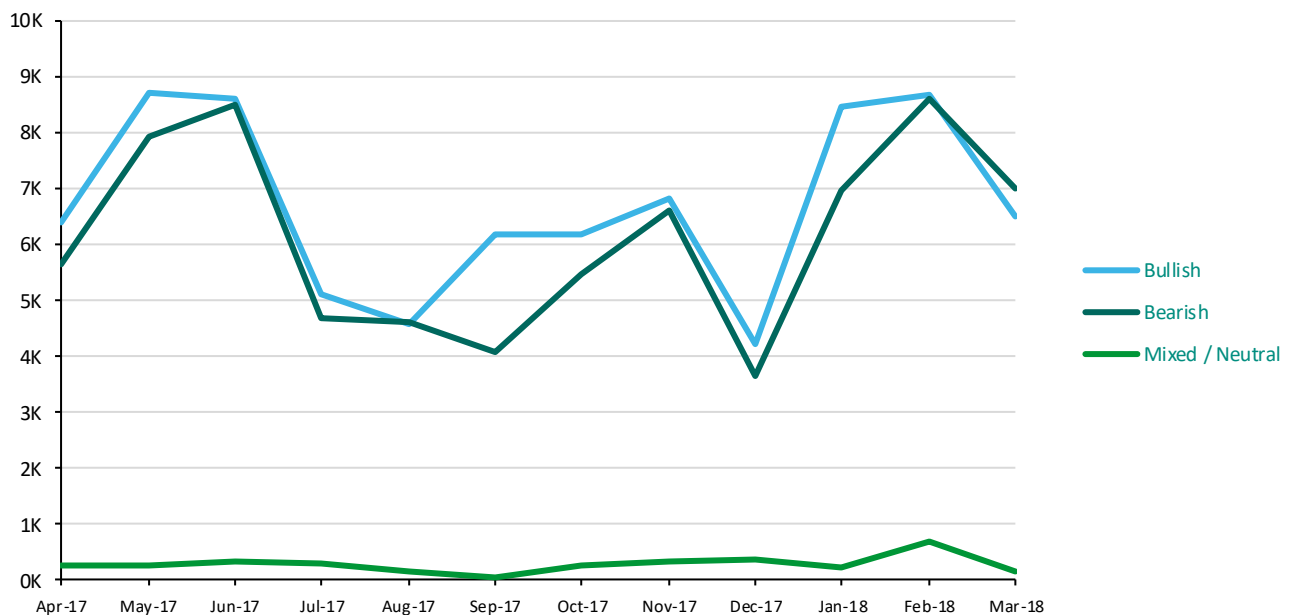
## Product Trend: Number of Live Products

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

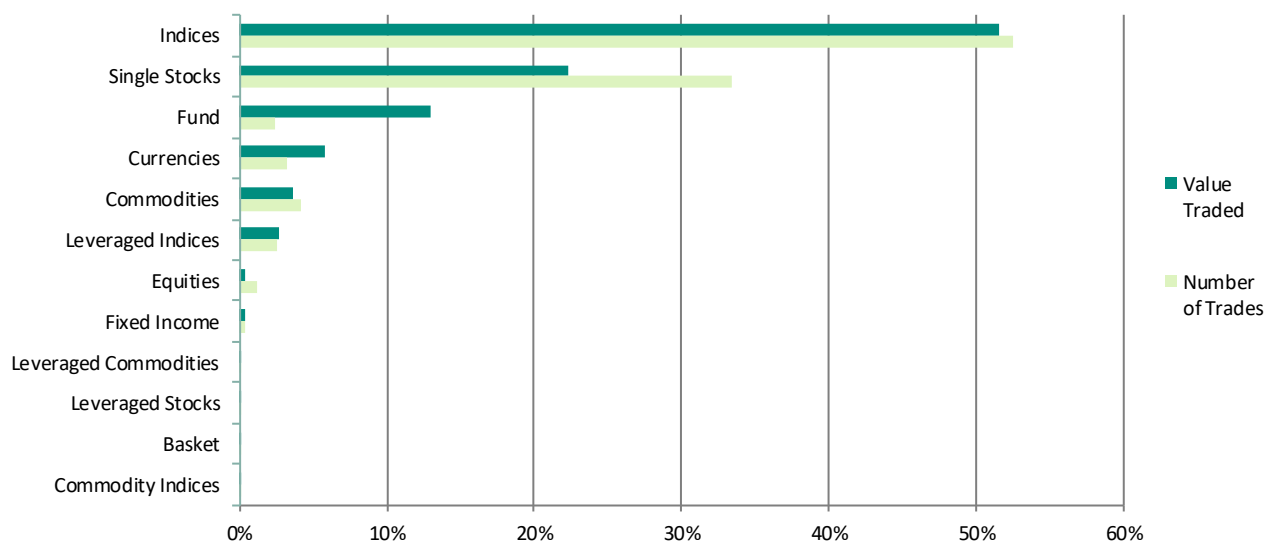
## Market Overview

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	23 645	-15,4%	10,7%	51,6%	7 245	-13,3%	27%	52,6%
Single Stocks	10 242	-15,3%	-5,0%	22,3%	4 600	-17,0%	16,3%	33,4%
Fund	5 963	431%	190%	13,0%	322	446%	174%	2,3%
Currencies	2 684	76%	135%	5,9%	441	4,4%	34%	3,2%
Commodities	1 639	-7,2%	-34%	3,6%	575	-4,4%	-21%	4,2%
Leveraged Indices	1 213	-14,5%	-1,2%	2,6%	356	-7,5%	44%	2,6%
Equities	199	18,4%	2,9%	0,4%	156	27%	42%	1,1%
Fixed Income	162	51%	63%	0,4%	52	16,6%	42%	0,4%
Leveraged Commodities	51	103%	59%	0,1%	16	13,6%	-16,2%	0,1%
Leveraged Stocks	50	-25%	-2,9%	0,1%	16	-25%	-6,7%	0,1%
Basket	13	-58%	-54%	0,0%	1,7	-31%	-30%	0,0%
Commodity Indices	0	-33%	11,7%	0,0%	0,1	-45%	51%	0,0%
<b>Total</b>	<b>45 862</b>	<b>-0,9%</b>	<b>16,3%</b>	<b>100%</b>	<b>13 780</b>	<b>-11,5%</b>	<b>22,5%</b>	<b>100%</b>

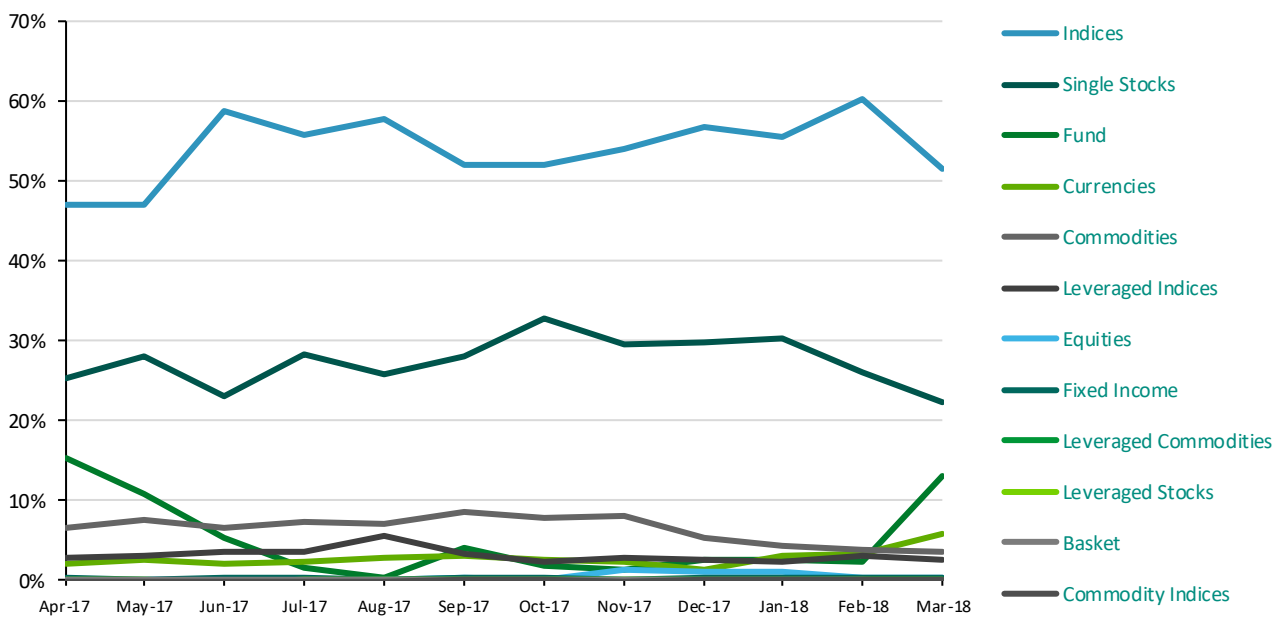
(Source Euronext)



# UNDERLYING TYPES

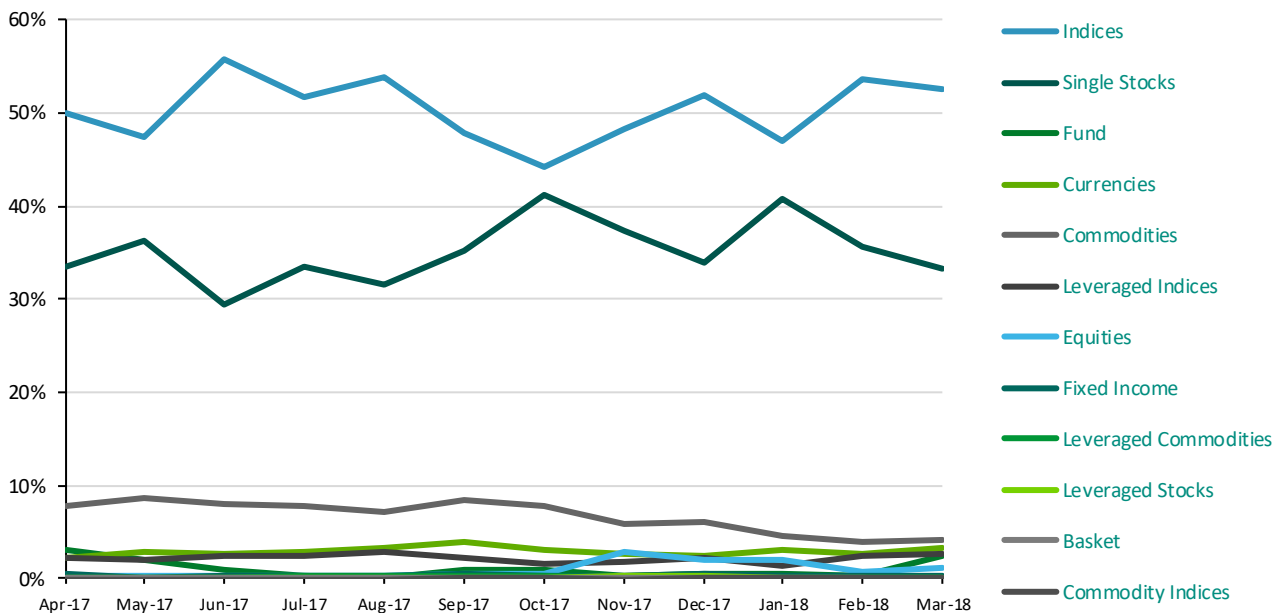
## Market Trend: Value traded

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

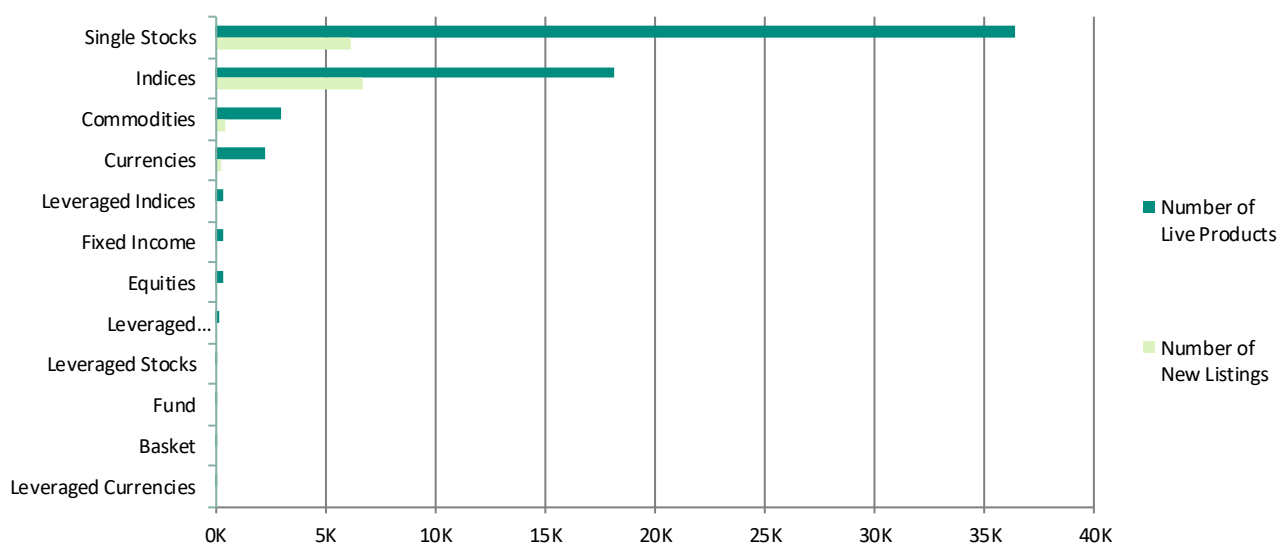
## Product Overview

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	36 462	2,3%	-0,5%	59,5%	6 127	-23%	-13,6%	44,9%
Indices	18 128	5,5%	11,9%	29,6%	6 683	-26%	35%	48,9%
Commodities	2 936	7,1%	2,2%	4,8%	473	14,3%	-10,0%	3,5%
Currencies	2 294	6,2%	2,5%	3,7%	277	-30%	-35%	2,0%
Leveraged Indices	377	5,0%	-7,3%	0,6%	0		-100%	0,0%
Fixed Income	326	9,0%	13,9%	0,5%	14	-39%	-57%	0,1%
Equities	322	9,2%	28%	0,5%	82	-42%	0,9%	0,6%
Leveraged Commodities	137	3,1%	5,2%	0,2%	0		-100%	0,0%
Leveraged Stocks	111	4,4%	-0,9%	0,2%	0		-100%	0,0%
Fund	103	10,1%	24%	0,2%	5	-16,7%	5,3%	0,0%
Basket	19	10,1%	0,4%	0,0%	0		-100%	0,0%
Leveraged Currencies	13	5,3%	-1,2%	0,0%	0			0,0%
<b>Total</b>	<b>61 230</b>	<b>3,7%</b>	<b>3,3%</b>	<b>100%</b>	<b>13 661</b>	<b>-24,1%</b>	<b>3,9%</b>	<b>100%</b>

(Source Euronext)

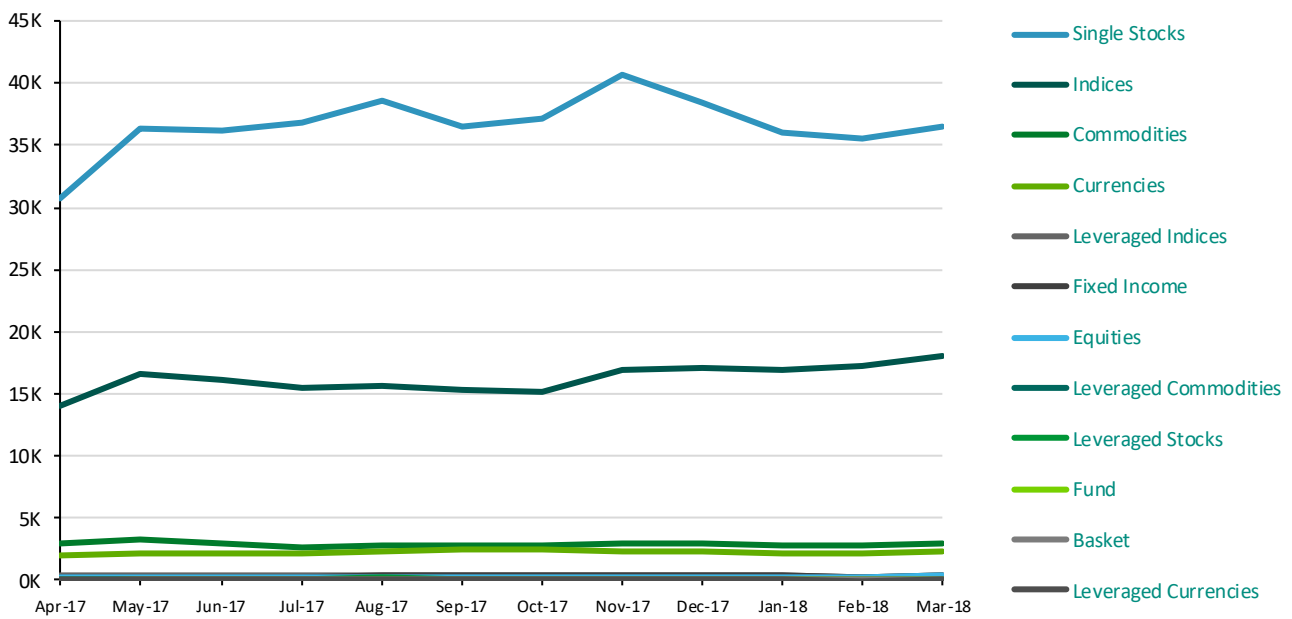




# UNDERLYING TYPES

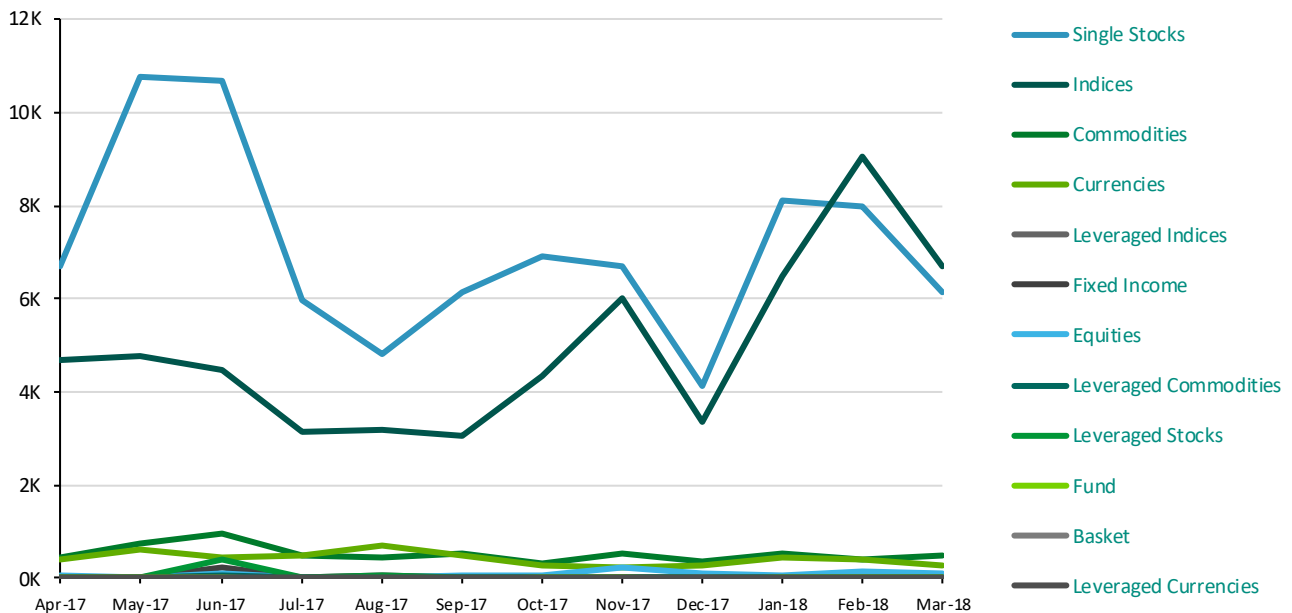
## Product Trend: Number of Live Products

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

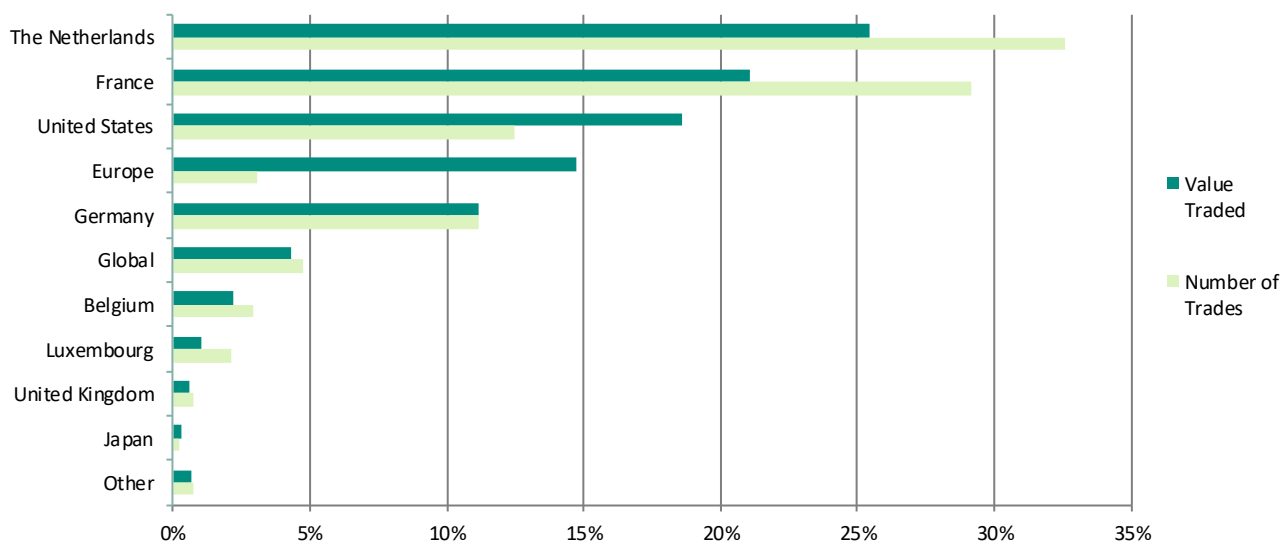
## Market Overview

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	11 683	-20%	-1,0%	25,5%	4 493	-17,1%	26%	32,6%
France	9 672	-14,9%	-3,2%	21,1%	4 016	-11,4%	19,7%	29,1%
United States	8 529	8,2%	86%	18,6%	1 719	-7,5%	51%	12,5%
Europe	6 748	197%	99%	14,7%	426	115%	67%	3,1%
Germany	5 103	3,1%	29%	11,1%	1 535	-3,6%	32%	11,1%
Global	1 970	-12,1%	-35%	4,3%	659	-10,9%	-24%	4,8%
Belgium	999	-24%	17,1%	2,2%	403	-25%	10,7%	2,9%
Luxembourg	464	-6,8%	-30%	1,0%	292	0,5%	7,9%	2,1%
United Kingdom	256	-32%	-37%	0,6%	98	-44%	-4,7%	0,7%
Japan	145	-33%		0,3%	35	-38%		0,3%
Other	293	-39%	-61%	0,6%	104	-38%	-41%	0,8%
<b>Total</b>	<b>45 862</b>	<b>-0,9%</b>	<b>16,3%</b>	<b>100%</b>	<b>13 780</b>	<b>-11,5%</b>	<b>22,5%</b>	<b>100%</b>

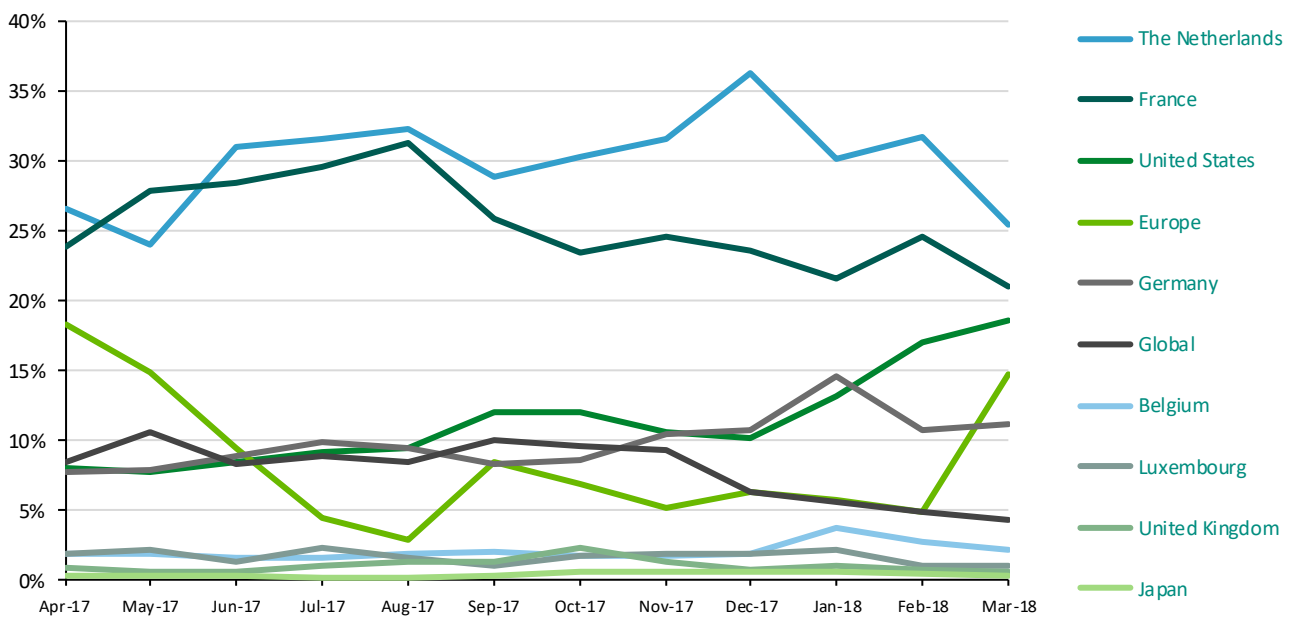
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

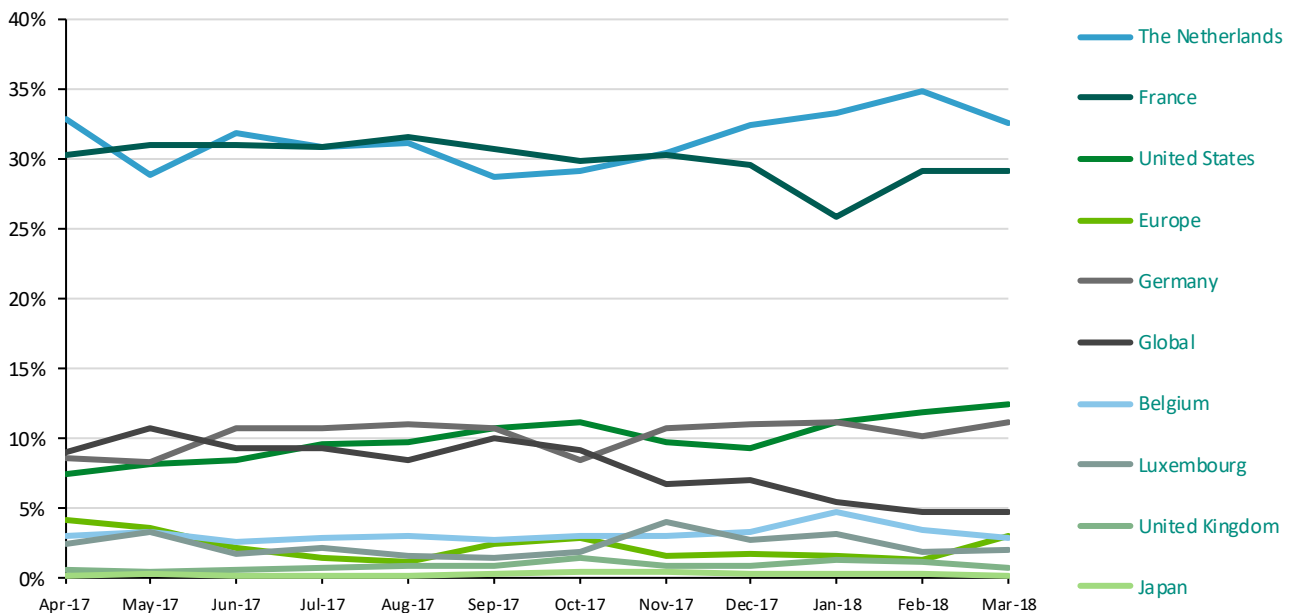
## Market Trend: Value traded

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

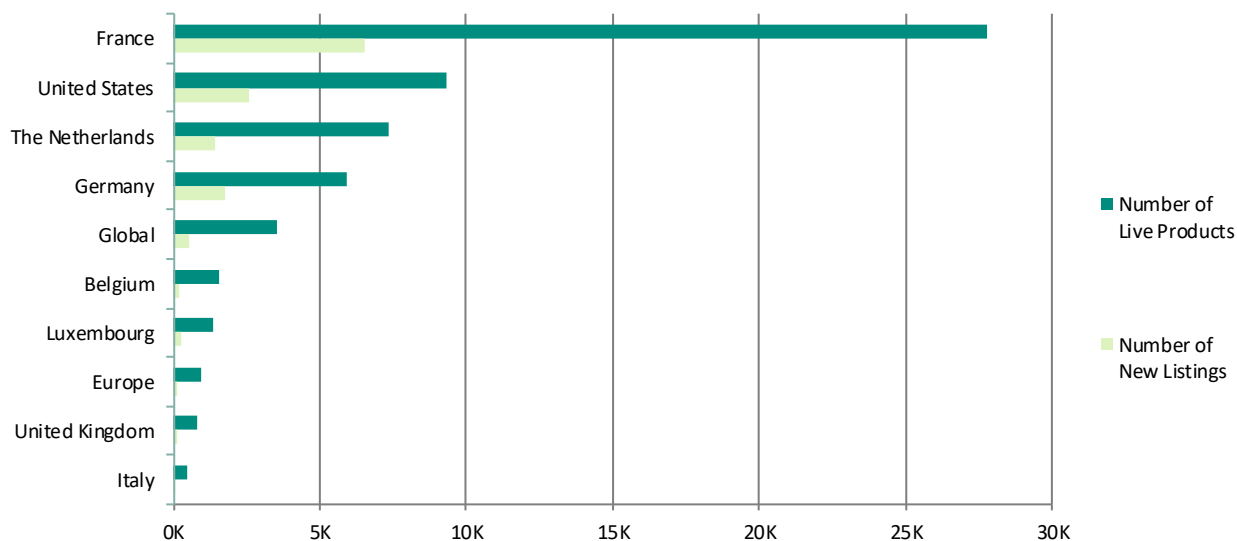
## Product Overview

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	27 797	1,9%	-1,6%	45,4%	6 493	-21%	-4,6%	47,5%
United States	9 338	7,4%	16,4%	15,3%	2 589	-27%	35%	19,0%
The Netherlands	7 330	4,7%	4,0%	12,0%	1 440	-34%	10,0%	10,5%
Germany	5 944	3,9%	7,0%	9,7%	1 754	-18,1%	29%	12,8%
Global	3 550	6,9%	-1,0%	5,8%	501	4,8%	-20%	3,7%
Belgium	1 536	4,6%	8,2%	2,5%	186	-31%	-7,7%	1,4%
Luxembourg	1 335	2,1%	10,3%	2,2%	242	-30%	-24%	1,8%
Europe	924	5,1%	2,6%	1,5%	105	-47%	-10,8%	0,8%
United Kingdom	811	4,9%	12,5%	1,3%	133	-8,3%	12,6%	1,0%
Italy	448	-5,2%	8,7%	0,7%	13	-81%	-80%	0,1%
Other	2 218	5,1%	3,7%	3,6%	205	-52%	-34%	1,5%
<b>Total</b>	<b>61 230</b>	<b>3,7%</b>	<b>3,3%</b>	<b>100%</b>	<b>13 661</b>	<b>-24,1%</b>	<b>3,9%</b>	<b>100%</b>

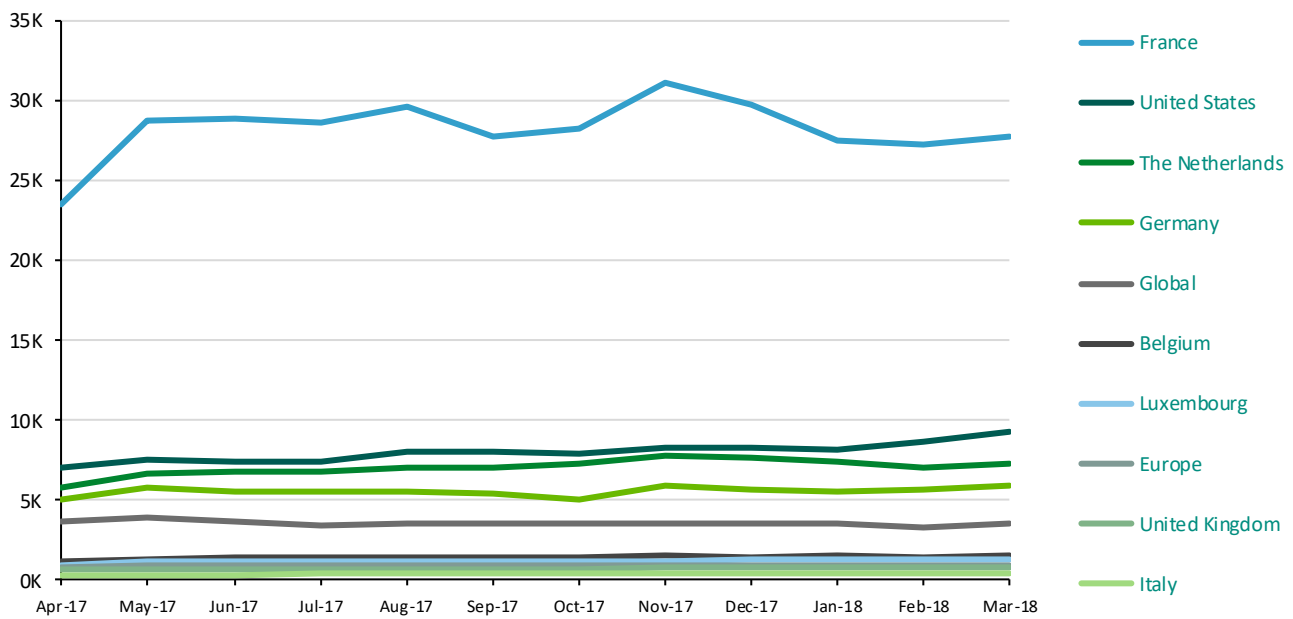
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

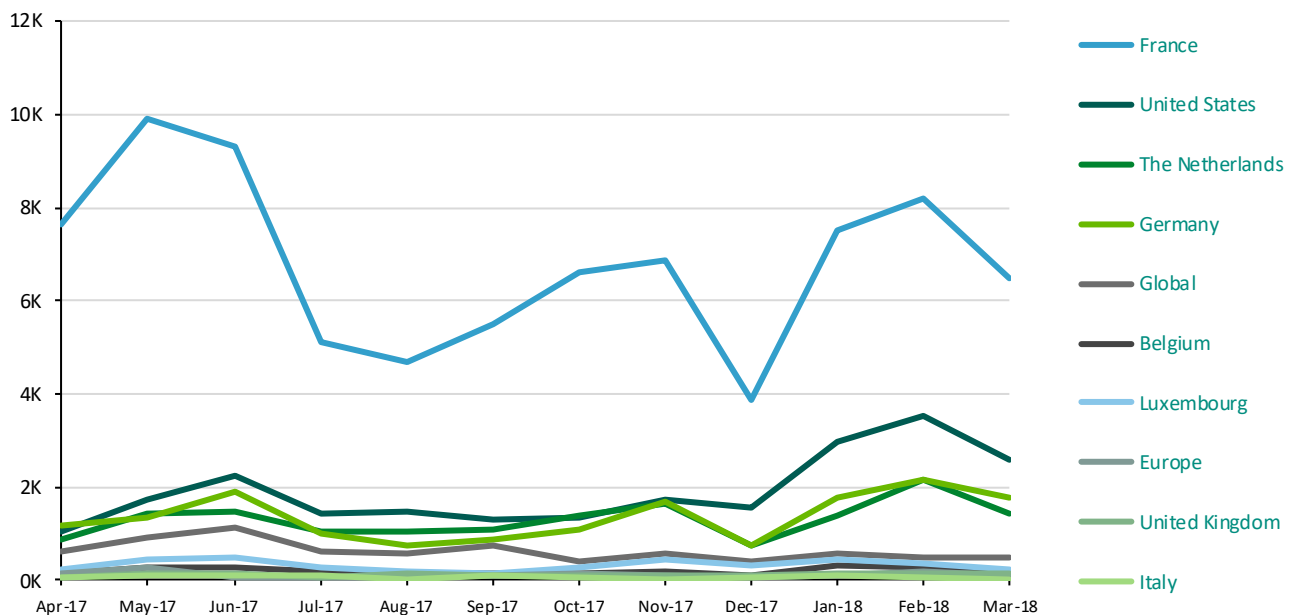
## Product Trend: Number of Live Products

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

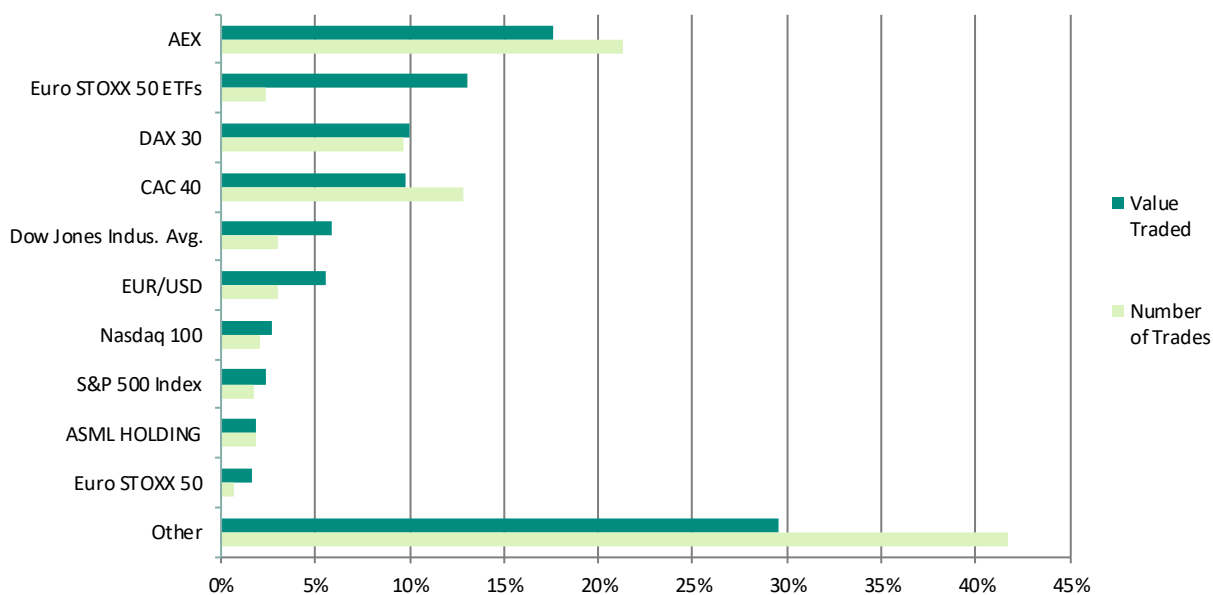
## Market Overview

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	8 092	-22%	2,3%	17,6%	2 933	-14,7%	32%	21,3%
Euro STOXX 50 ETFs	5 963	431%	191%	13,0%	322	446%	175%	2,3%
DAX 30	4 599	2,1%	30%	10,0%	1 336	-4,2%	34%	9,7%
CAC 40	4 467	-15,2%	-1,5%	9,7%	1 764	-9,3%	18,5%	12,8%
Dow Jones Indus. Avg.	2 700	-11,8%	113%	5,9%	408	-21%	51%	3,0%
EUR/USD	2 557	79%	152%	5,6%	408	8,2%	45%	3,0%
Nasdaq 100	1 238	3,2%	65%	2,7%	287	-16,4%	60%	2,1%
S&P 500 Index	1 073	-22%	1,1%	2,3%	233	-22%	19,3%	1,7%
ASML HOLDING	851	0,2%	77%	1,9%	247	7,2%	108%	1,8%
Euro STOXX 50	747	-33%	-42%	1,6%	91	-25%	-25%	0,7%
Other	13 573	-15,0%	-12,8%	29,6%	5 752	-16,0%	9,2%	41,7%
<b>Total</b>	<b>45 862</b>	<b>-0,9%</b>	<b>16,3%</b>	<b>100%</b>	<b>13 780</b>	<b>-11,5%</b>	<b>22,5%</b>	<b>100%</b>

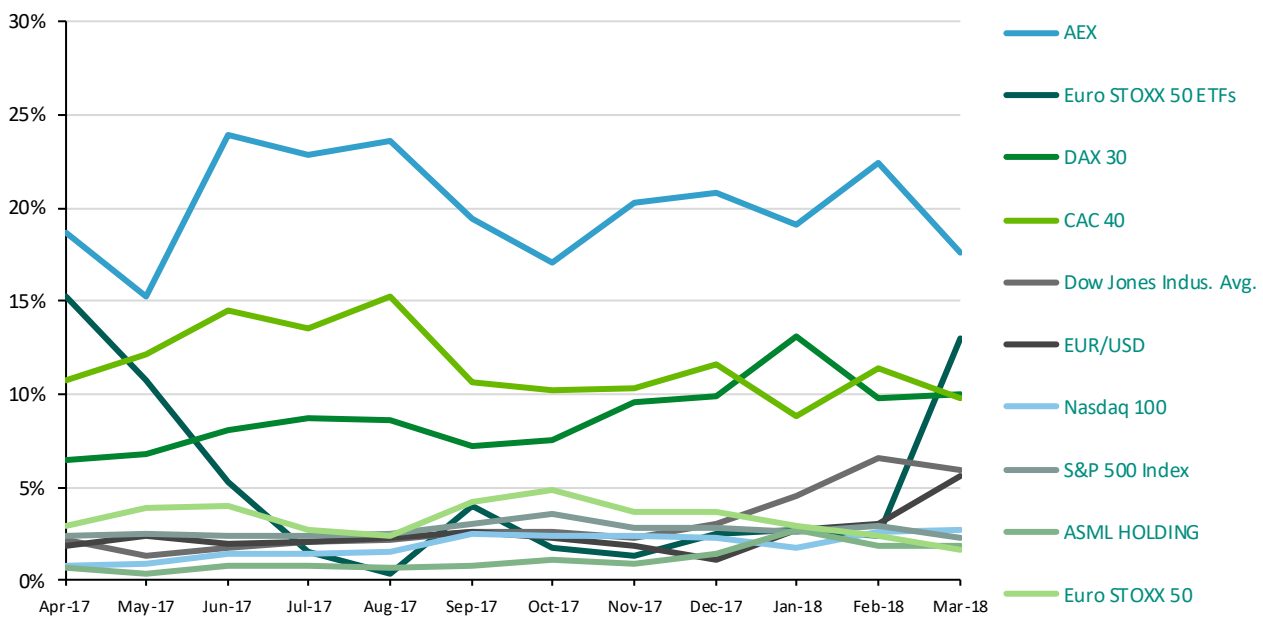
(Source Euronext)



# TOP 10 UNDERLYINGS

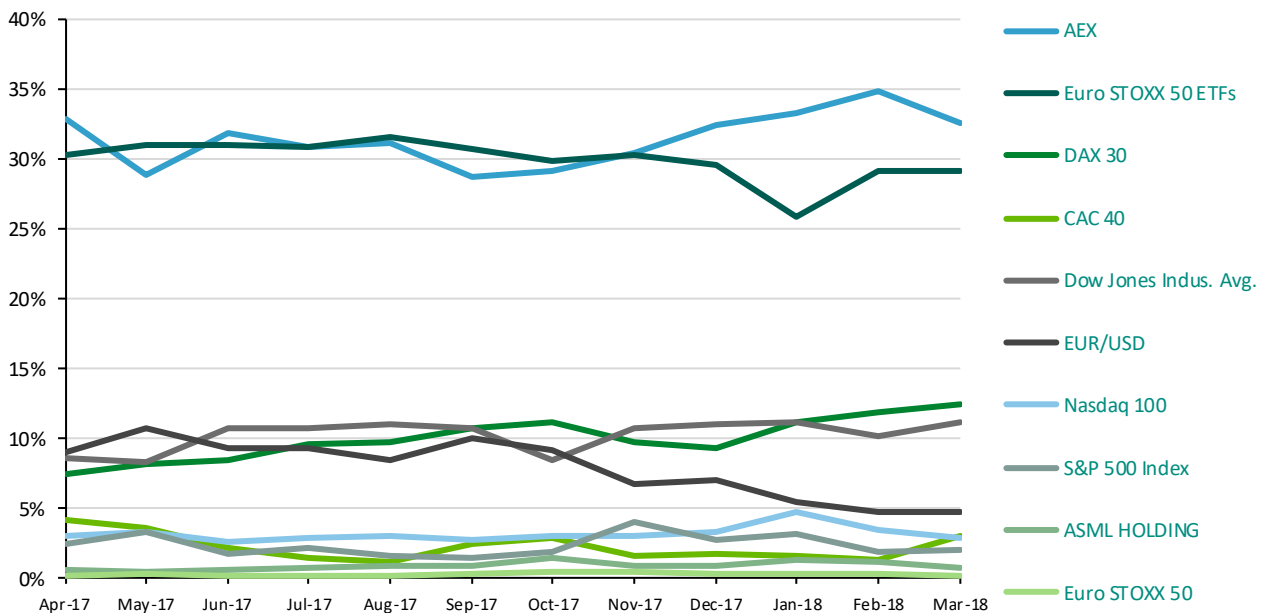
## Market Trend: Value traded

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

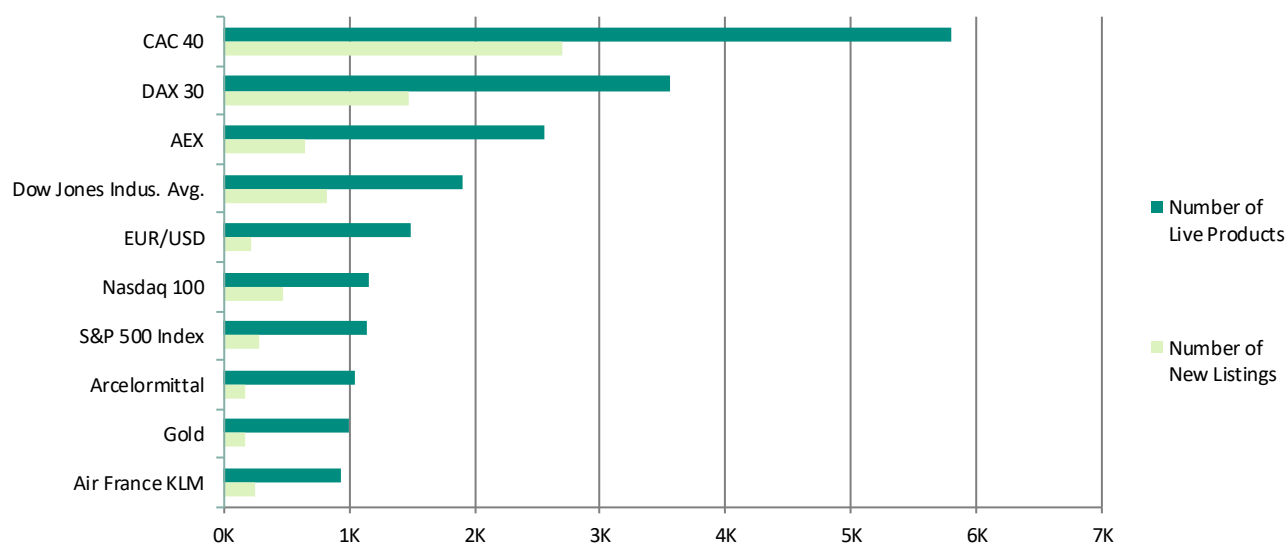
## Product Overview

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	5 808	6,4%	11,5%	9,5%	2 705	-22%	23%	19,8%
DAX 30	3 550	6,0%	14,4%	5,8%	1 469	-17,8%	56%	10,8%
AEX	2 560	1,3%	3,6%	4,2%	641	-44%	15,9%	4,7%
Dow Jones Indus. Avg.	1 904	8,3%	26%	3,1%	817	-32%	82%	6,0%
EUR/USD	1 499	7,4%	21%	2,4%	217	-37%	-16,9%	1,6%
Nasdaq 100	1 149	3,9%	22%	1,9%	472	-13,4%	73%	3,5%
S&P 500 Index	1 141	6,8%	22%	1,9%	288	-36%	58%	2,1%
Arcelormittal	1 051	1,7%	10,9%	1,7%	169	-29%	-32%	1,2%
Gold	999	8,2%	8,1%	1,6%	168	44%	9,5%	1,2%
Air France KLM	940	0,3%	-2,7%	1,5%	258	-21%	-16,0%	1,9%
Other	40 630	2,9%	-0,9%	66,4%	6 457	-23%	-14,6%	47,3%
<b>Total</b>	<b>61 230</b>	<b>3,7%</b>	<b>3,3%</b>	<b>100%</b>	<b>13 661</b>	<b>-24,1%</b>	<b>3,9%</b>	<b>100%</b>

(Source Euronext)

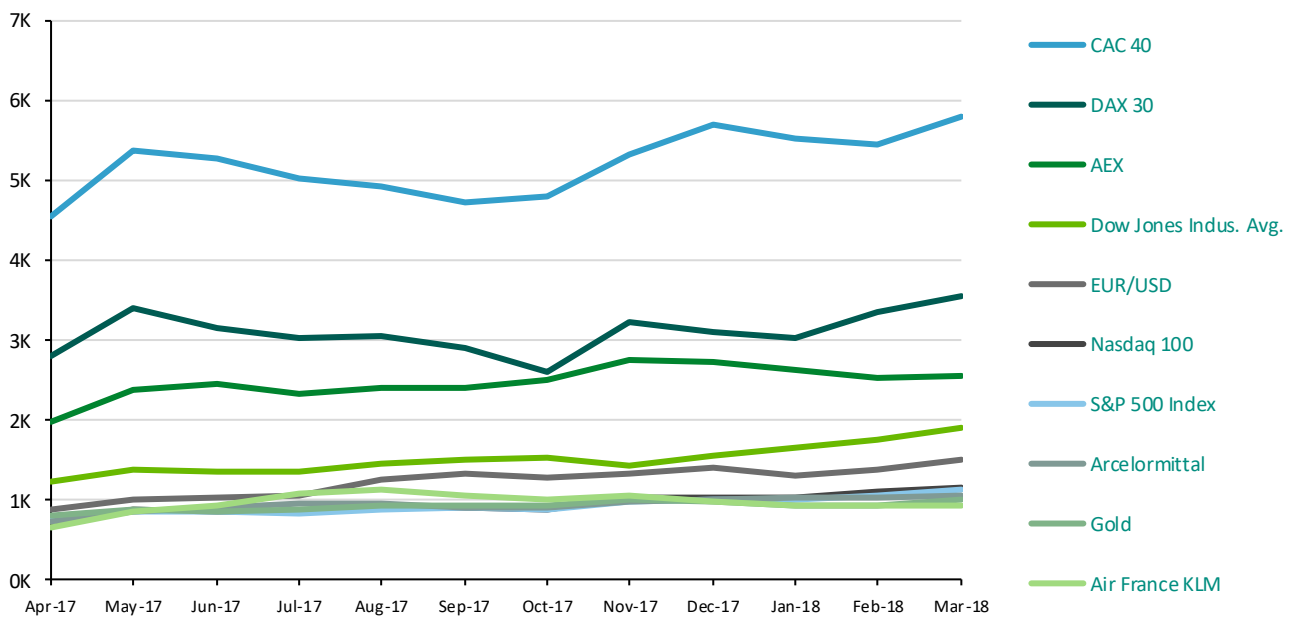




# TOP 10 UNDERLYINGS

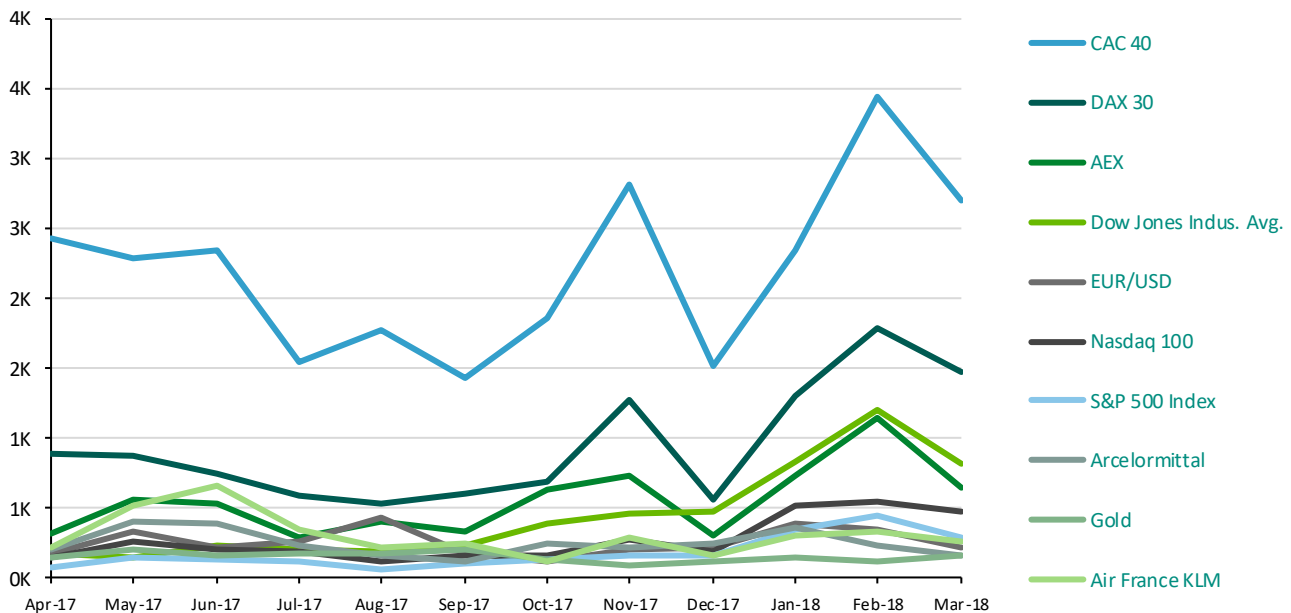
## Product Trend: Number of Live Products

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	27 494	2 392
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	26 861	2 640
NL0012567416	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	17 676	588
NL0012703078	ING	2100	Warrants	Euro STOXX 50 ETFs	16 842	884
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	14 592	2 502
NL0012493225	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	12 907	4 246
DE000CE6E3X8	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	10 523	448
NL0012703052	ING	2100	Warrants	Euro STOXX 50 ETFs	9 882	560
NL0012355424	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	9 824	68
NL0012494348	BNP Paribas	2210	Mini-Futures	AEX	9 512	414
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	9 076	840
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	8 587	876
NL0012566467	Goldman Sachs	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	8 399	150
NL0012556898	Goldman Sachs	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	8 382	92
NL0012577795	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	8 252	56
DE000CE8WCF3	Commerzbank	2300	Constant Leverage Certificate	CAC 40	8 194	2 336
NL0012497085	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	8 073	1 808
NL0012436265	Goldman Sachs	2205	Open-End Knock-Out Warrants	EUR/USD	7 537	578
NL0012493407	BNP Paribas	2210	Mini-Futures	AEX	7 524	532
FRBNPP00DWG6	BNP Paribas	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	7 269	282
NL0012683544	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	7 171	1 834
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	7 009	866
NL0012094932	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	6 674	1 056
NL0012515837	Goldman Sachs	2210	Mini-Futures	AEX	6 460	258
DE000CV5ZDX2	Commerzbank	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	6 425	690
NL0012111694	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	6 331	1 842
NL0012703060	ING	2100	Warrants	Euro STOXX 50 ETFs	6 202	594
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	6 127	1 220
DE000CZ28ZJ7	Commerzbank	2300	Constant Leverage Certificate	CAC 40	6 072	1 964
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	5 995	546
NL0012501365	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	5 985	446
NL0012197115	Goldman Sachs	2210	Mini-Futures	AEX	5 784	5 088
NL0012491872	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5 475	4 252
NL0012691919	BNP Paribas	2210	Mini-Futures	Silver	5 411	44
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	5 148	1 526
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	4 798	838
NL0012581730	Goldman Sachs	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	4 543	96
LU1555075784	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Short Index	4 520	1 424
DE000VN6Y9U8	Vontobel	2210	Mini-Futures	AEX	4 493	60
NL0012689772	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4 480	1 384
DE000VL76FW1	Vontobel	2200	Knock-Out Warrants	AEX	4 441	678
LU1555074977	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4 374	1 202
FR0010961078	Société Générale	2300	Constant Leverage Certificate	CAC 40 x5 Leveraged Index	4 222	906
DE000CV4ZYQ5	Commerzbank	2205	Open-End Knock-Out Warrants	Euro STOXX 50	3 950	92
NL0012568273	Goldman Sachs	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	3 904	60
NL0012690101	BNP Paribas	2210	Mini-Futures	AEX	3 851	284
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	3 837	580
NL0012561799	Goldman Sachs	2210	Mini-Futures	AEX	3 832	126
NL0012770200	BNP Paribas	2210	Mini-Futures	AEX	3 713	110
NL0012491740	BNP Paribas	2210	Mini-Futures	AEX	3 658	314

(Source Euronext)



Euronext Amsterdam

# ISSUERS

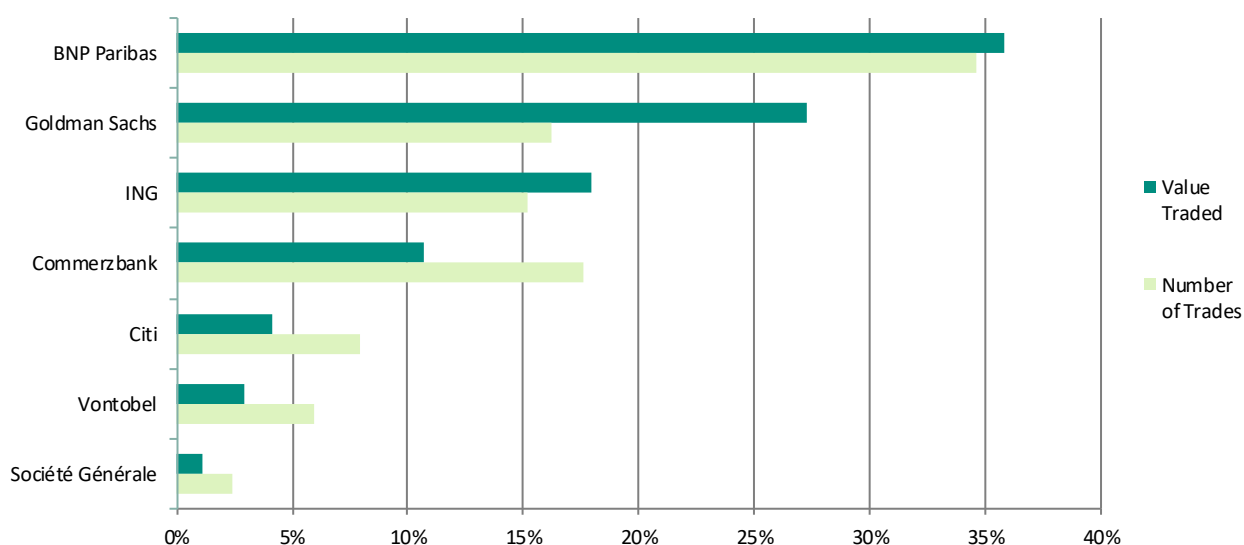
## Market Overview

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	9 571	-21%	-7,4%	35,9%	2 797	-20,9%	7,3%	34,7%
Goldman Sachs	7 279	10,9%	52%	27,3%	1 309	-1,8%	23,8%	16,2%
ING	4 783	54%	62%	17,9%	1 222	3,1%	56,6%	15,1%
Commerzbank	2 862	-12,0%	39%	10,7%	1 422	-16,0%	33,1%	17,6%
Citi	1 105	-22%	3,7%	4,1%	641	-16,2%	29,4%	7,9%
Vontobel	784	-26%	135%	2,9%	482	-11,7%	135,5%	6,0%
Société Générale	302	14,1%	30%	1,1%	195	-20,8%	22,3%	2,4%
<b>Total</b>	<b>26 687</b>	<b>-3,9%</b>	<b>22,7%</b>	<b>100%</b>	<b>8 067</b>	<b>-13,3%</b>	<b>26,6%</b>	<b>100%</b>

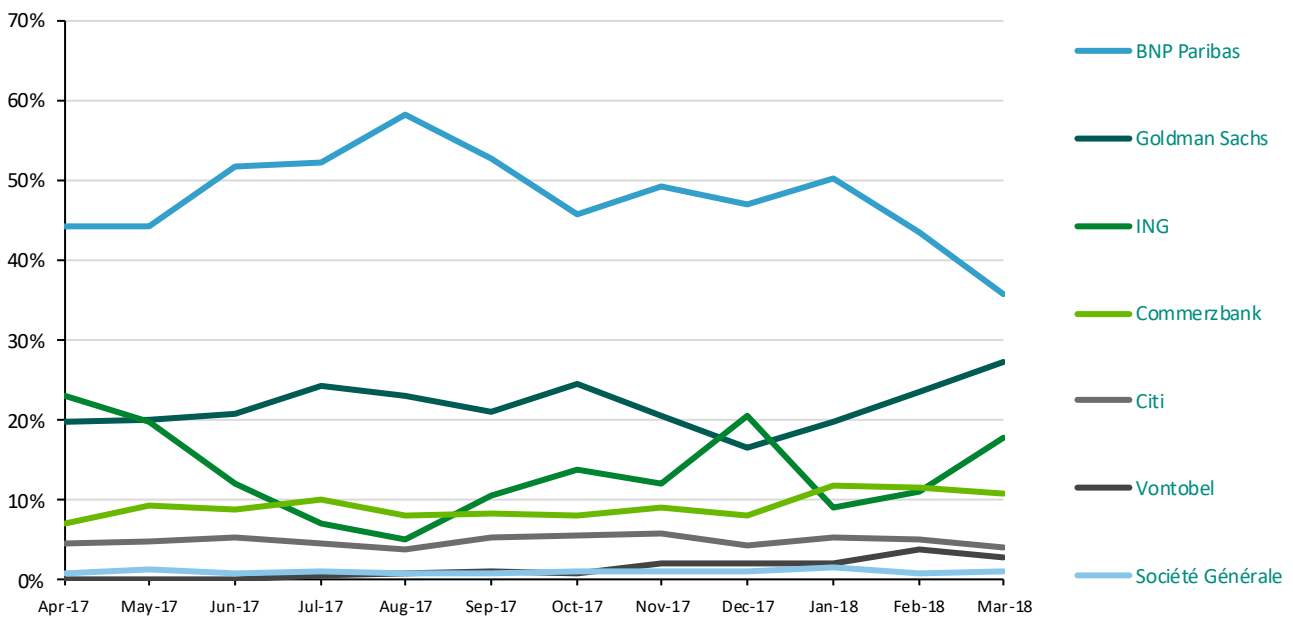
(Source Euronext)



# ISSUERS

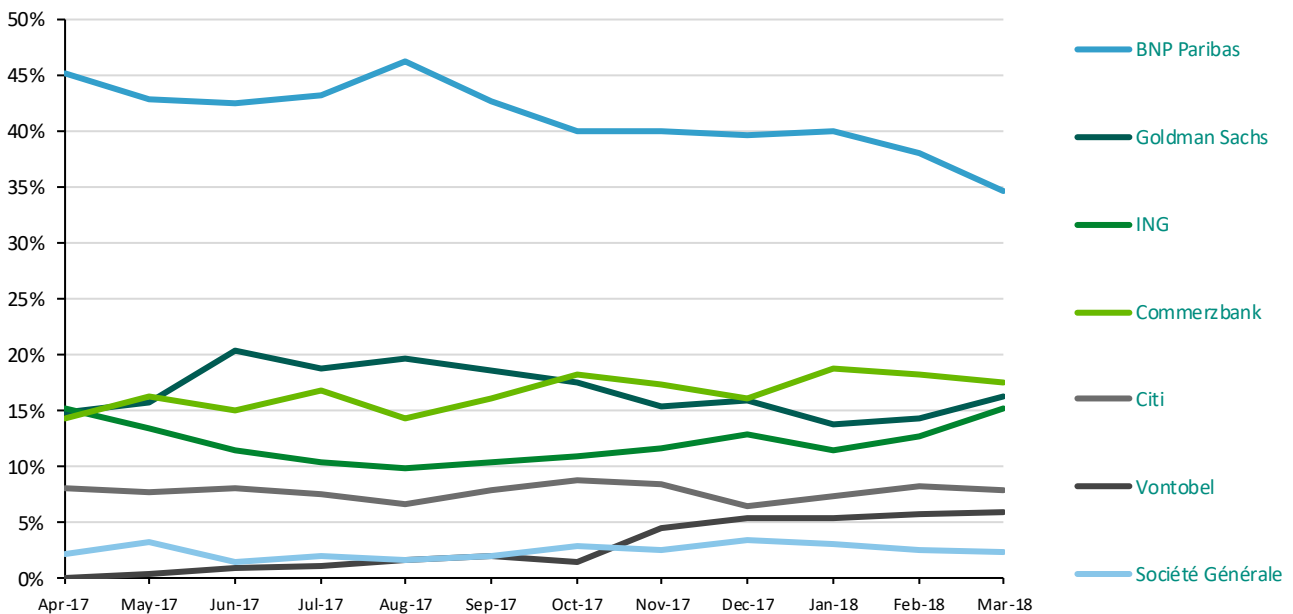
## Market Trend: Value traded

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

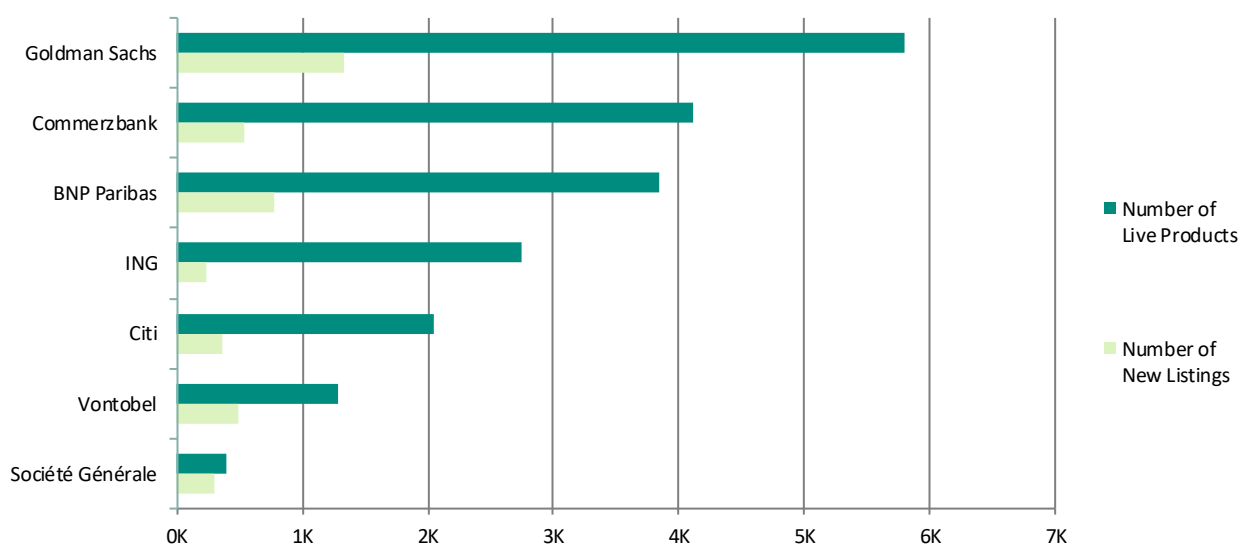
## Product Overview

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	5 804	9,9%	8,3%	28,7%	1 337	-28%	22%	33,3%
Commerzbank	4 120	9,8%	8,6%	20,4%	540	-53%	-7,6%	13,4%
BNP Paribas	3 847	1,0%	-2,1%	19,0%	774	-25%	13,7%	19,2%
ING	2 751	6,9%	5,8%	13,6%	232	-21%	16,7%	5,8%
Citi	2 047	2,0%	2,3%	10,1%	354	-22%	-24%	8,8%
Vontobel	1 278	8,1%	25%	6,3%	489	-19,0%	58%	12,2%
Société Générale	391	12,8%	-8,3%	1,9%	295	19,0%	53%	7,3%
<b>Total</b>	<b>20 237</b>	<b>6,8%</b>	<b>5,8%</b>	<b>100%</b>	<b>4 021</b>	<b>-28,7%</b>	<b>14,1%</b>	<b>100%</b>

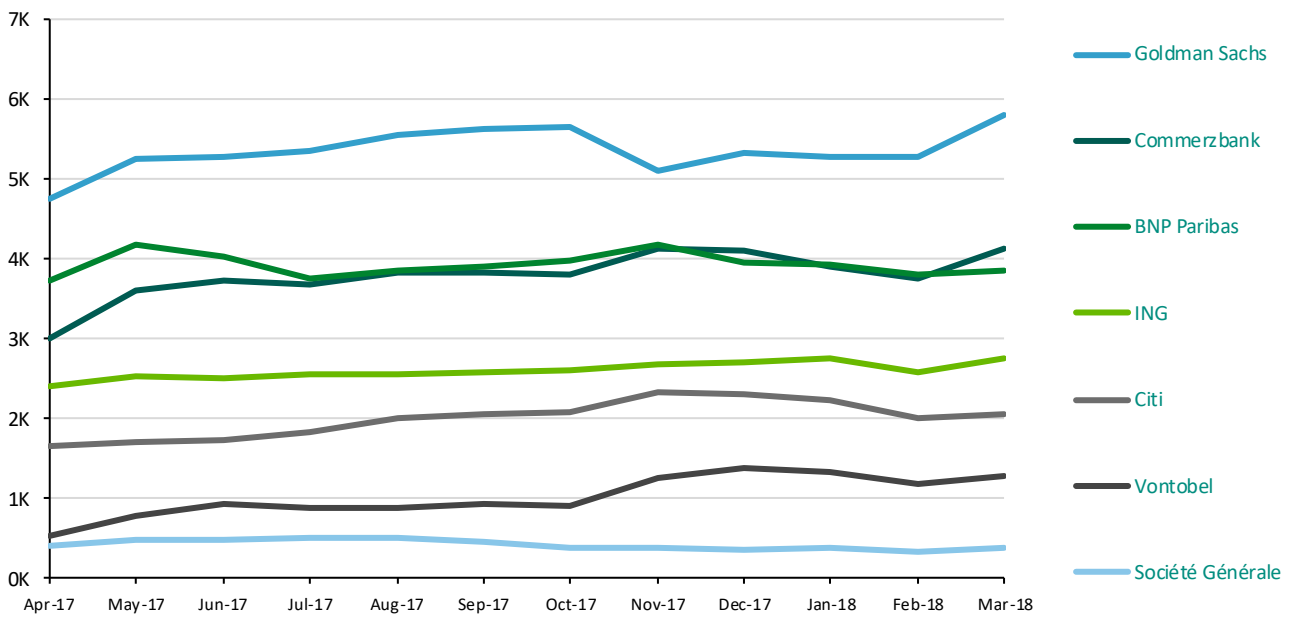
(Source Euronext)



# ISSUERS

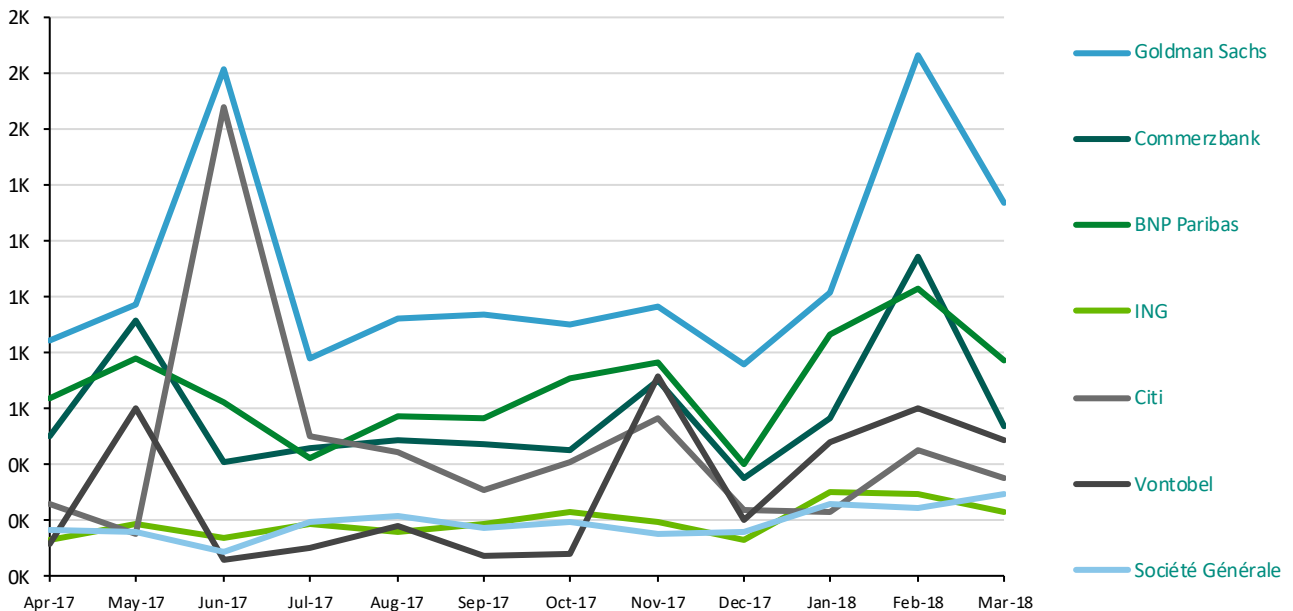
## Product Trend: Number of Live Products

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)

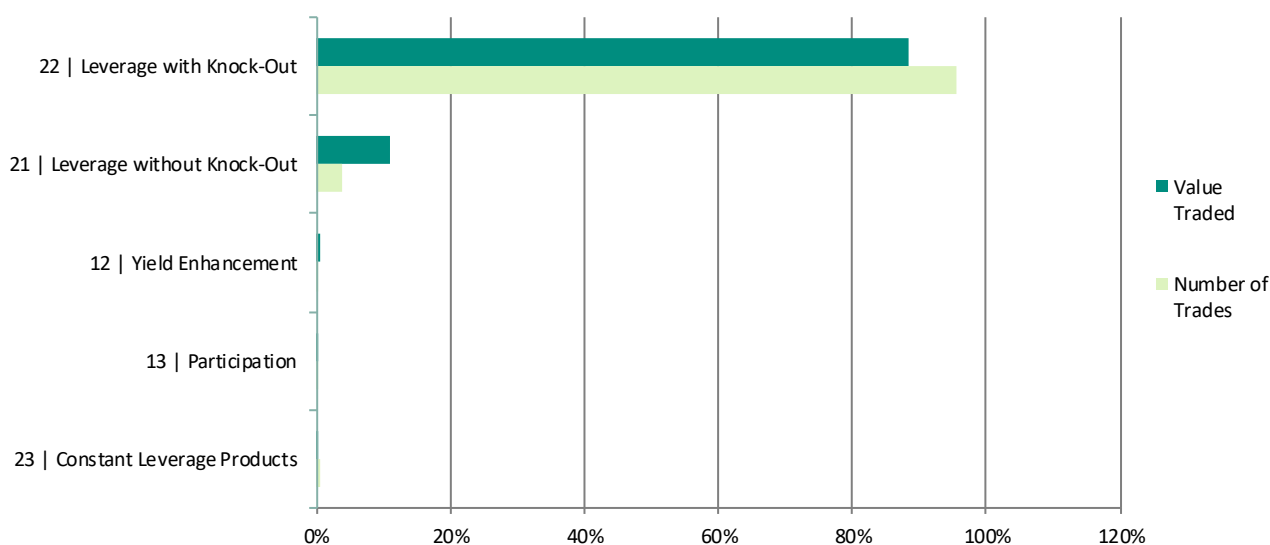
## Market Overview

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	23 555	-11,3%	16,0%	88,3%	7 698	-16,0%	24%	95,4%
21   Leverage without Knock-Out	2 885	223%	143%	10,8%	308	389%	186%	3,8%
12   Yield Enhancement	157	-15,4%	-4,5%	0,6%	17	-13,0%	24%	0,2%
13   Participation	52	-40%	-24%	0,2%	11	-37%	-7,6%	0,1%
23   Constant Leverage Products	38	-9,8%	72%	0,1%	33	-7,4%	72%	0,4%
<b>Total</b>	<b>26 687</b>	<b>-3,9%</b>	<b>22,7%</b>	<b>100%</b>	<b>8 067</b>	<b>-13,3%</b>	<b>26,6%</b>	<b>100%</b>

(Source Euronext)

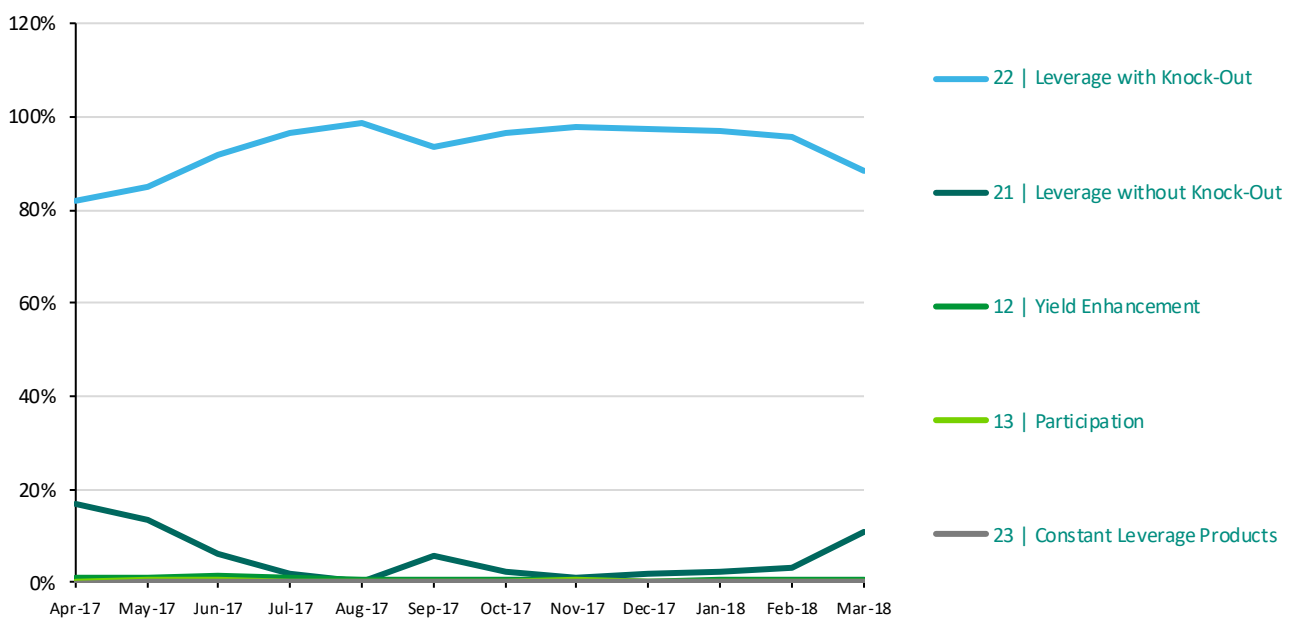




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

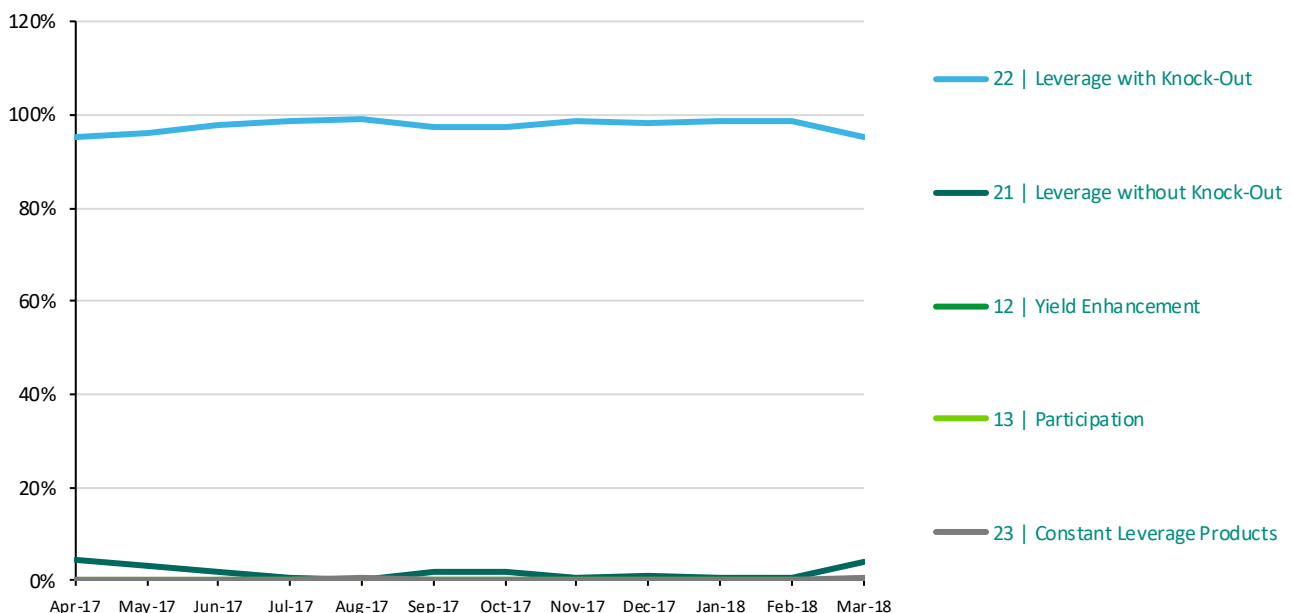
## Market Trend: Value traded

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

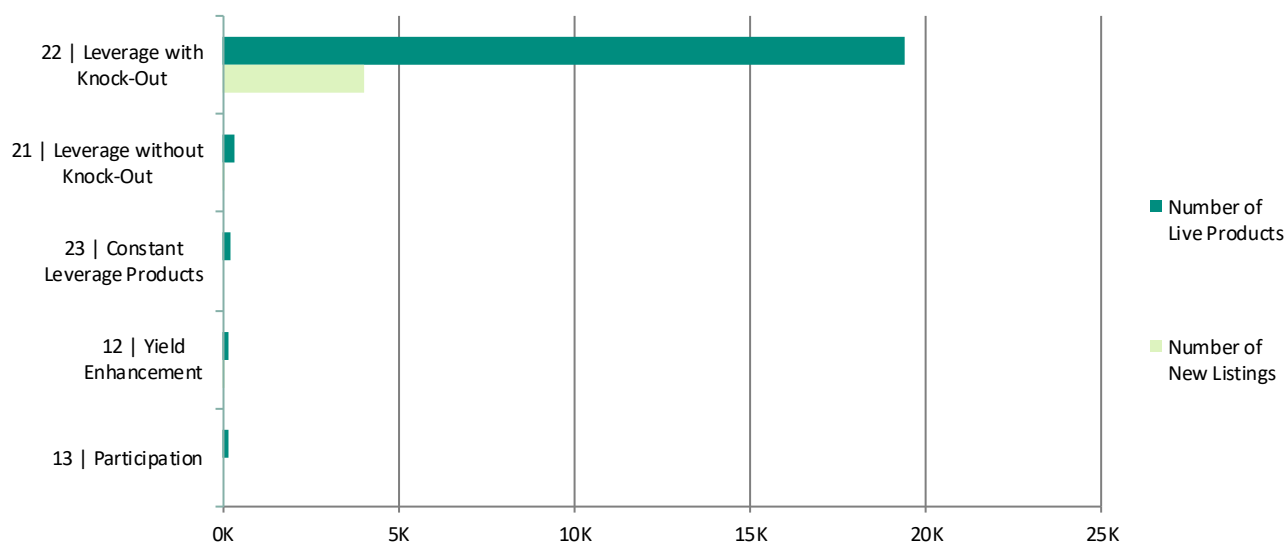
### Product Overview

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	19 398	6,4%	4,8%	95,9%	3 991	-26%	15,7%	99,3%
21   Leverage without Knock-Out	331	17,3%	74%	1,6%	5	-97%	-91%	0,1%
23   Constant Leverage Products	223	5,3%	-6,6%	1,1%	0		-100%	0,0%
12   Yield Enhancement	141	50%	61%	0,7%	25	-34%	116%	0,6%
13   Participation	137	15,3%	23%	0,7%	0	-100%	-100%	0,0%
<b>Total</b>	<b>20 237</b>	<b>6,8%</b>	<b>5,8%</b>	<b>100%</b>	<b>4 021</b>	<b>-28,7%</b>	<b>14,1%</b>	<b>100%</b>

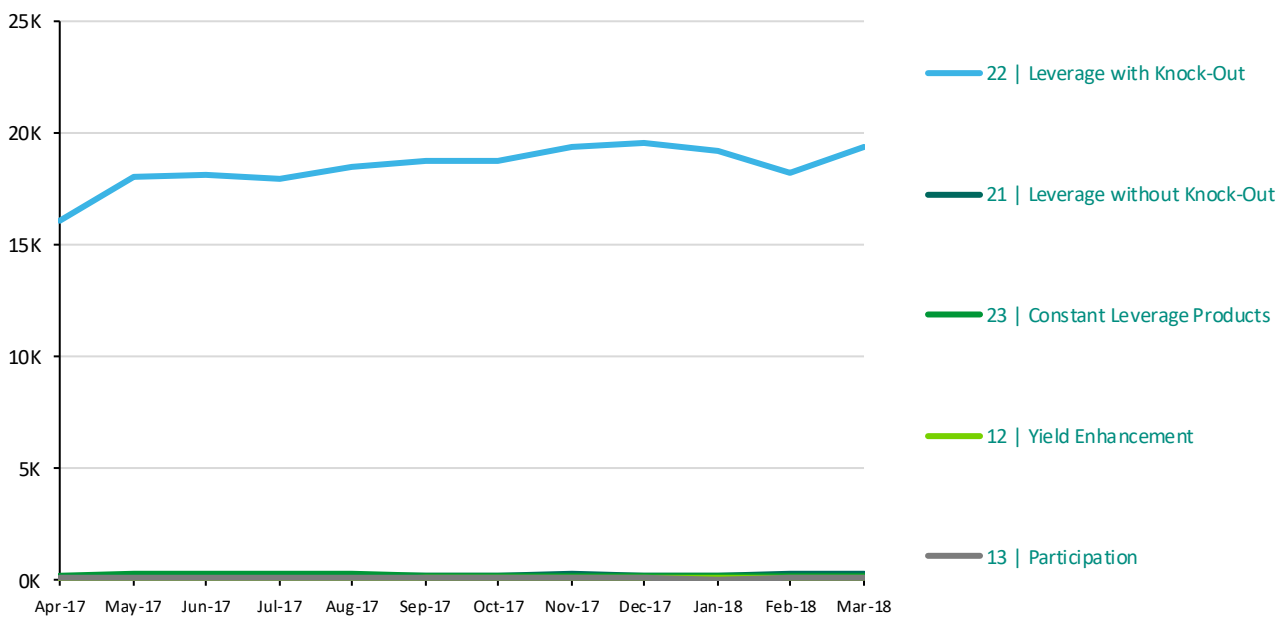
(Source Euronext)



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

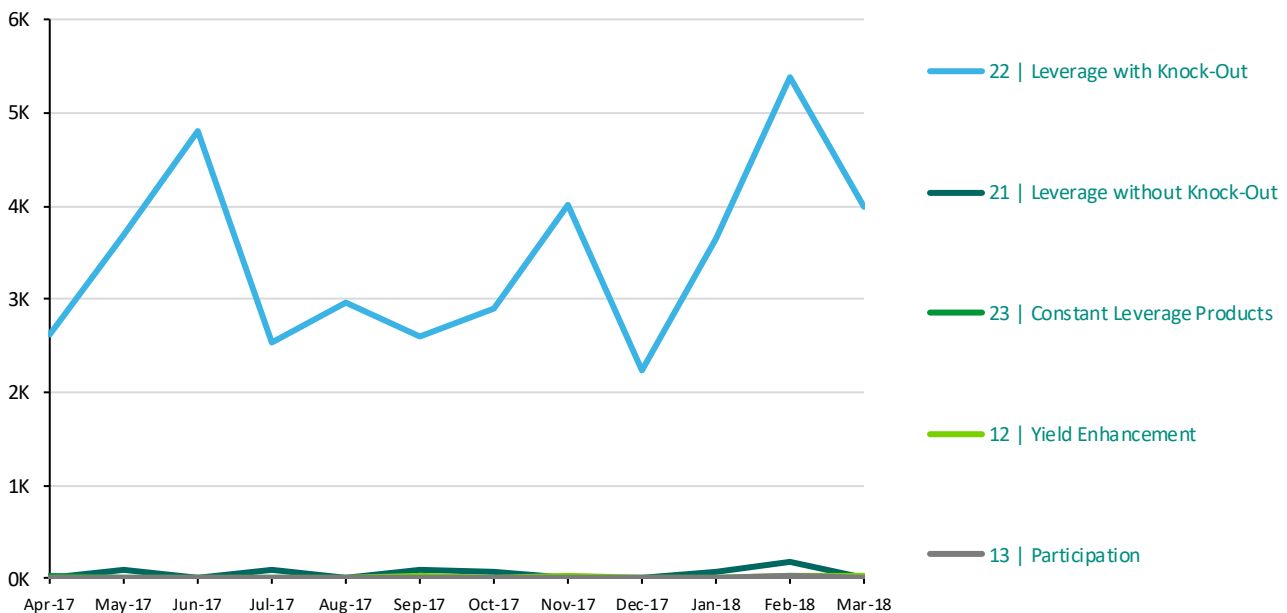
## Product Trend: Number of Live Products

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)

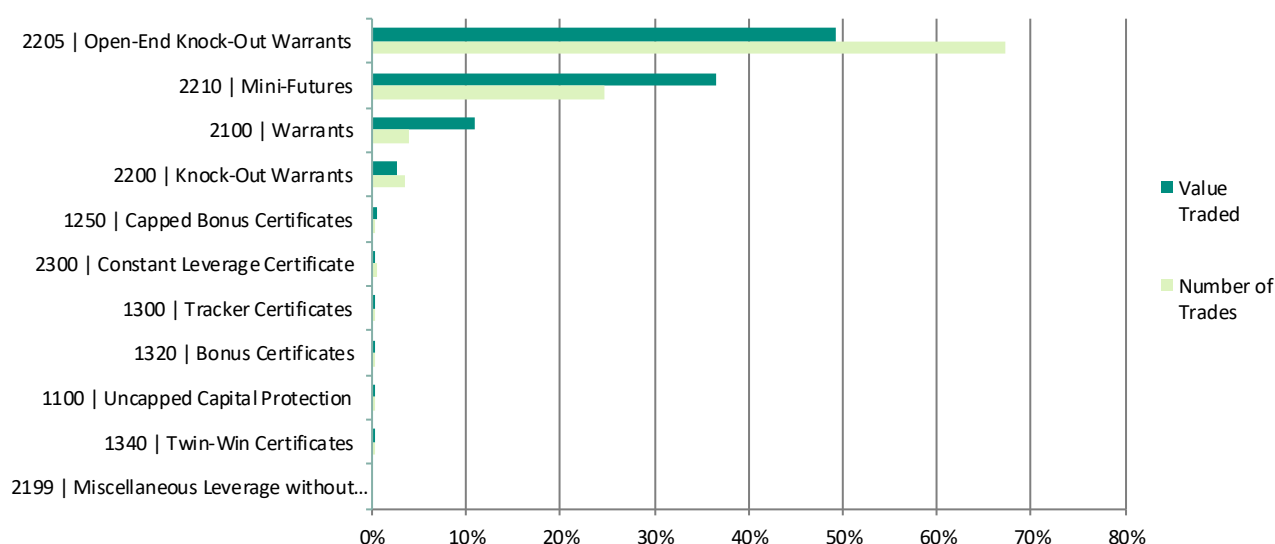
## Market Overview

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
2205   Open-End Knock-Out Warrants	13 118	-14,9%	24%	49,2%	5 419	-10,7%	30%	67,2%
2210   Mini-Futures	9 745	-3,5%	6,9%	36,5%	1 998	-25%	11,8%	24,8%
2100   Warrants	2 885	223%	143%	10,8%	308	389%	186%	3,8%
2200   Knock-Out Warrants	692	-34%	19,2%	2,6%	280	-33%	12,1%	3,5%
1250   Capped Bonus Certificates	157	-15,4%	-4,5%	0,6%	17	-13,0%	24%	0,2%
2300   Constant Leverage Certificate	38	-9,8%	72%	0,1%	33	-7,4%	72%	0,4%
1300   Tracker Certificates	37	-29%	-35%	0,1%	3,1	-37%	-52%	0,0%
1320   Bonus Certificates	14	-52%	29%	0,1%	7,5	-29%	46%	0,1%
1100   Uncapped Capital Protection	1	23%	-31%	0,0%	0,5	-41%	0,4%	0,0%
1340   Twin-Win Certificates	1	-80%	11,3%	0,0%	0,4	-80%	40%	0,0%
2199   Miscellaneous Leverage without Knock-Out	0		-100%	0,0%	0,0		-100%	0,0%
<b>Total</b>	<b>26 687</b>	<b>-3,9%</b>	<b>22,7%</b>	<b>100%</b>	<b>8 067</b>	<b>-13,3%</b>	<b>26,6%</b>	<b>100%</b>

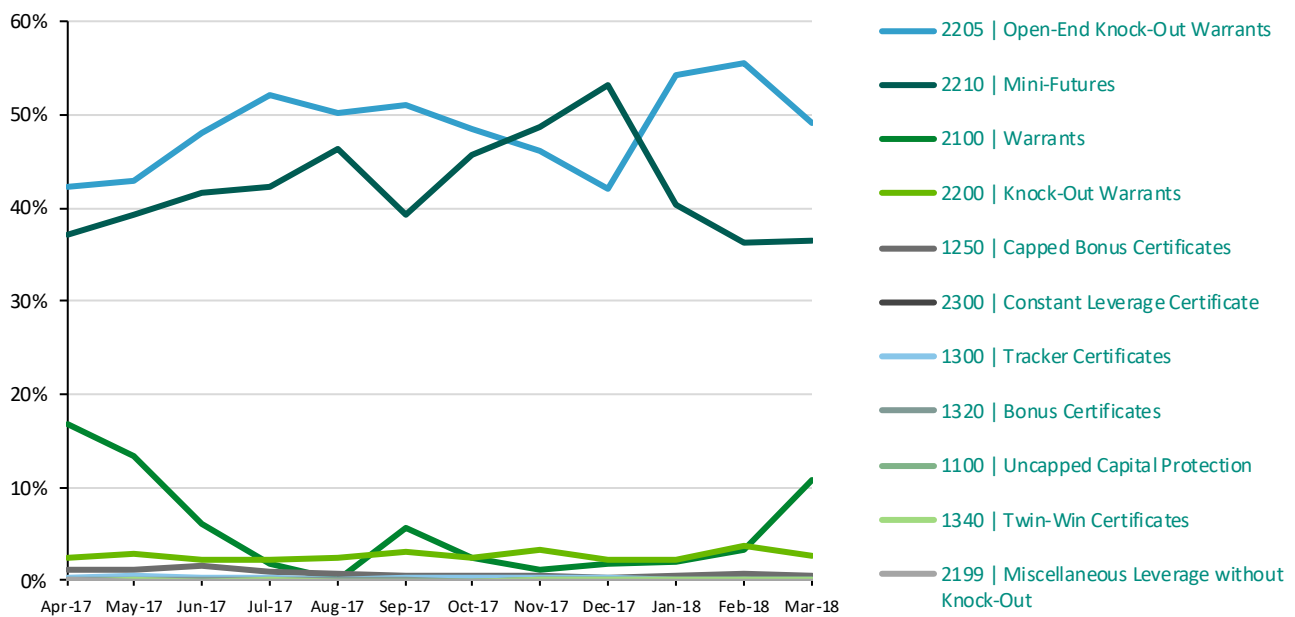
(Source Euronext)



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

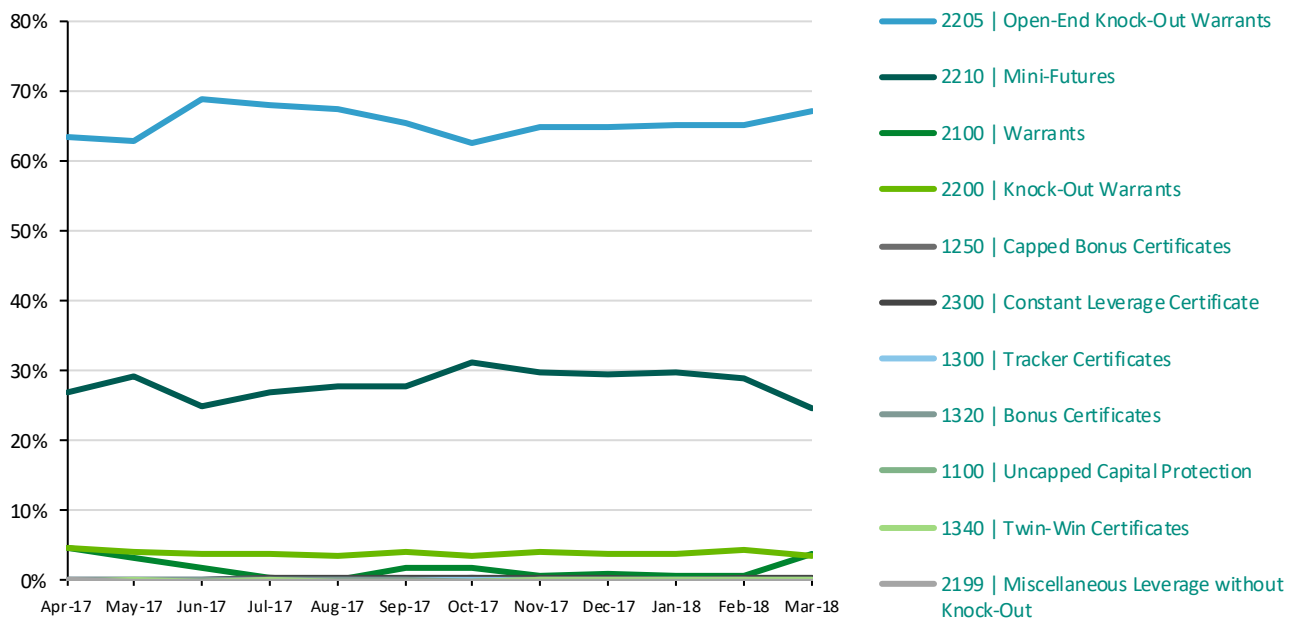
## Market Trend: Value traded

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

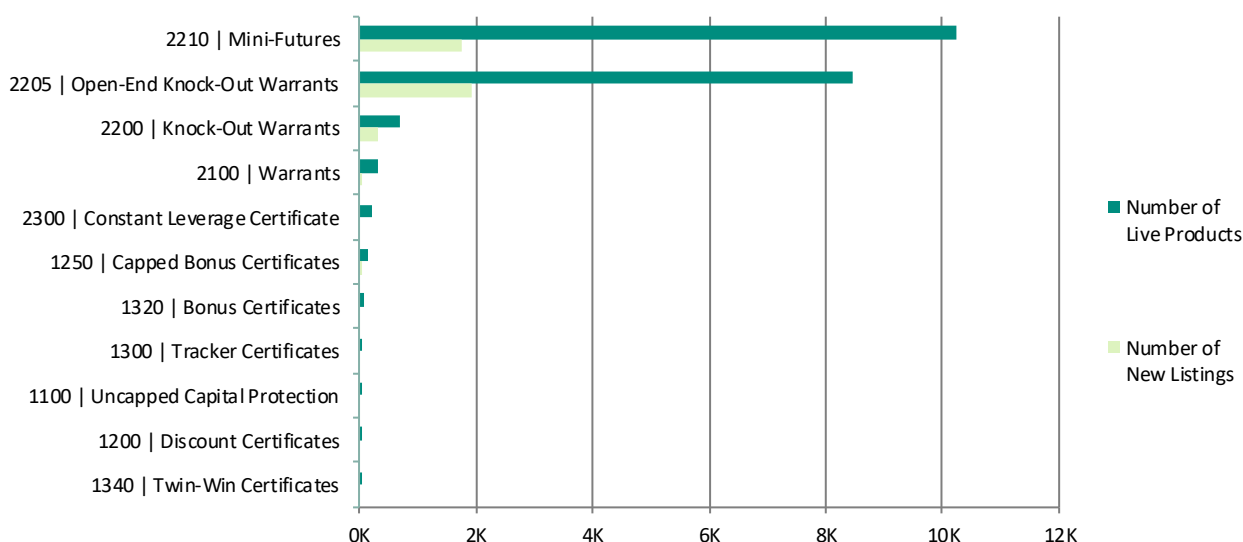
## Product Overview

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	10 237	6,3%	5,6%	50,6%	1 747	-18,2%	15,4%	43,4%
2205   Open-End Knock-Out Warrants	8 473	6,7%	2,6%	41,9%	1 919	-29%	17,2%	47,7%
2200   Knock-Out Warrants	687	4,1%	25%	3,4%	325	-41%	8,7%	8,1%
2100   Warrants	330	17,3%	75%	1,6%	5	-97%	-91%	0,1%
2300   Constant Leverage Certificate	223	5,3%	-6,6%	1,1%	0		-100%	0,0%
1250   Capped Bonus Certificates	135	53%	66%	0,7%	25	-34%	116%	0,6%
1320   Bonus Certificates	72	25%	111%	0,4%	0	-100%	-100%	0,0%
1300   Tracker Certificates	61	6,4%	-16,5%	0,3%	0			0,0%
1100   Uncapped Capital Protection	7	5,3%	125%	0,0%	0		-100%	0,0%
1200   Discount Certificates	6	5,3%	0,9%	0,0%	0			0,0%
1340   Twin-Win Certificates	4	5,3%	4,8%	0,0%	0		-100%	0,0%
<b>Total</b>	<b>20 237</b>	<b>6,8%</b>	<b>5,8%</b>	<b>100%</b>	<b>4 021</b>	<b>-28,7%</b>	<b>14,1%</b>	<b>100%</b>

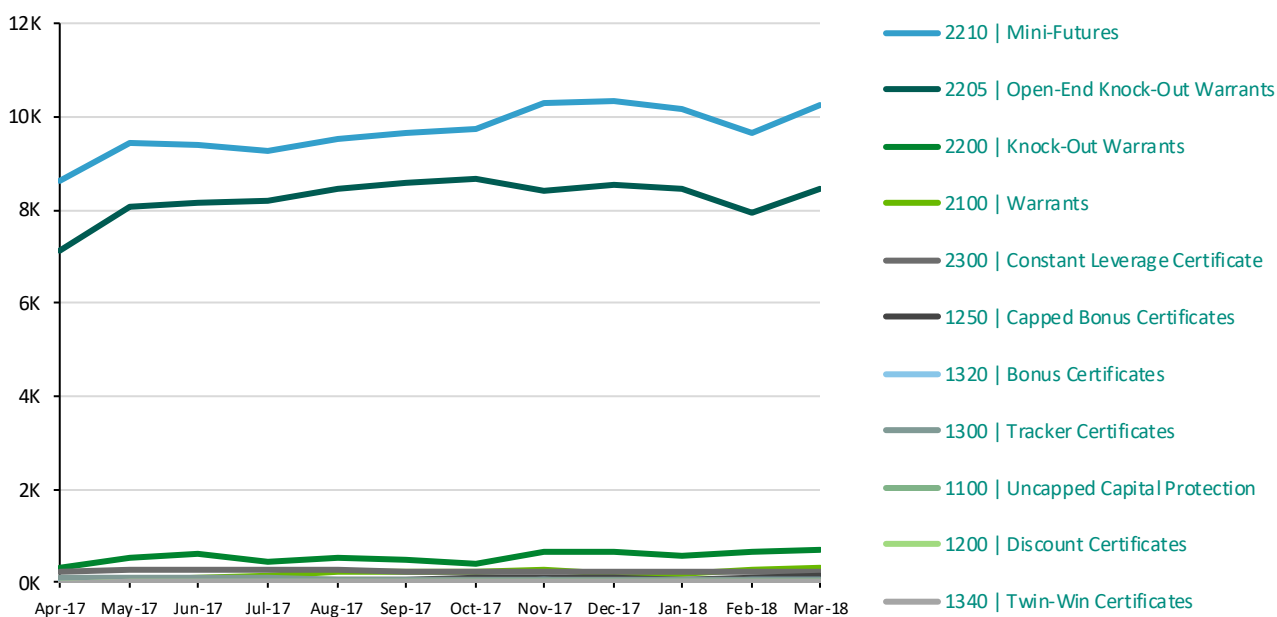
(Source Euronext)



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

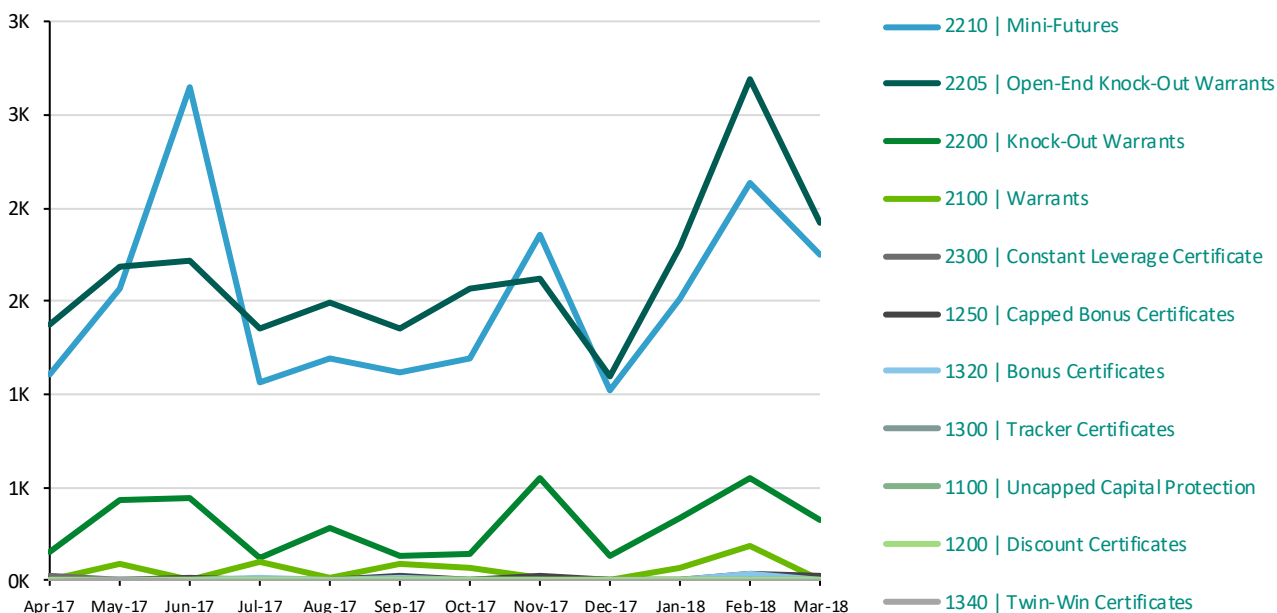
## Product Trend: Number of Live Products

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

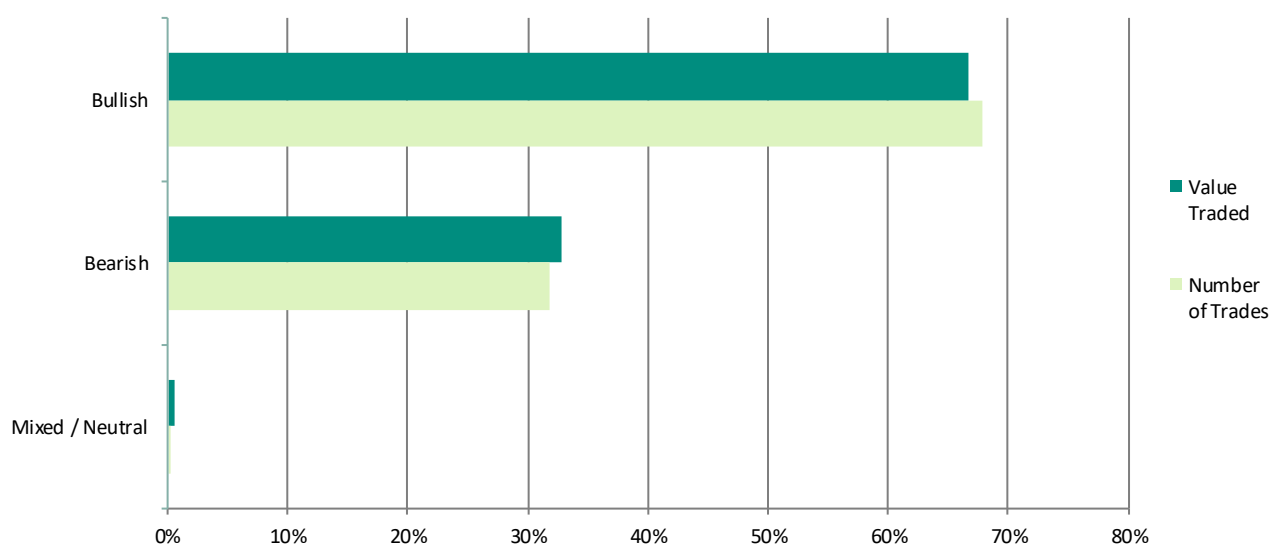
## Market Overview

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	17 785	-3,8%	16,3%	66,6%	5 480	-15,0%	28%	67,9%
Bearish	8 745	-3,8%	39%	32,8%	2 570	-9,3%	24%	31,9%
Mixed / Neutral	157	-15,4%	-4,8%	0,6%	17	-13,0%	19,6%	0,2%
Total	26 687	-3,9%	22,7%	100%	8 067	-13,3%	26,6%	100%

(Source Euronext)

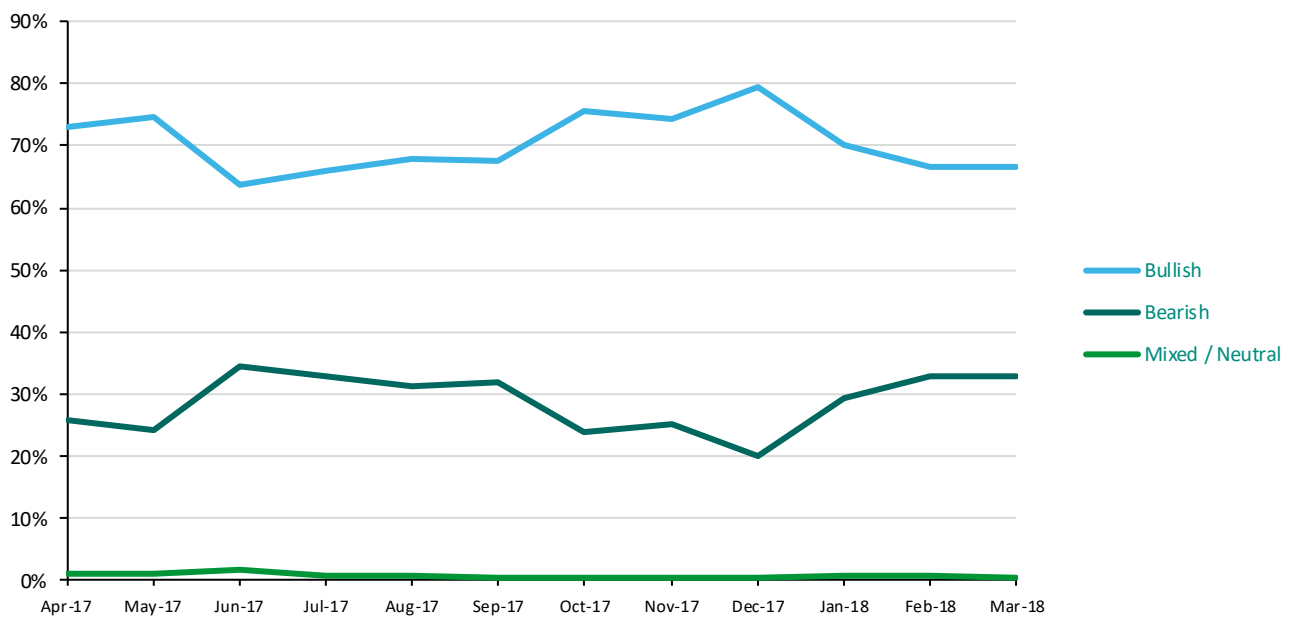




# PRODUCT STRATEGIES

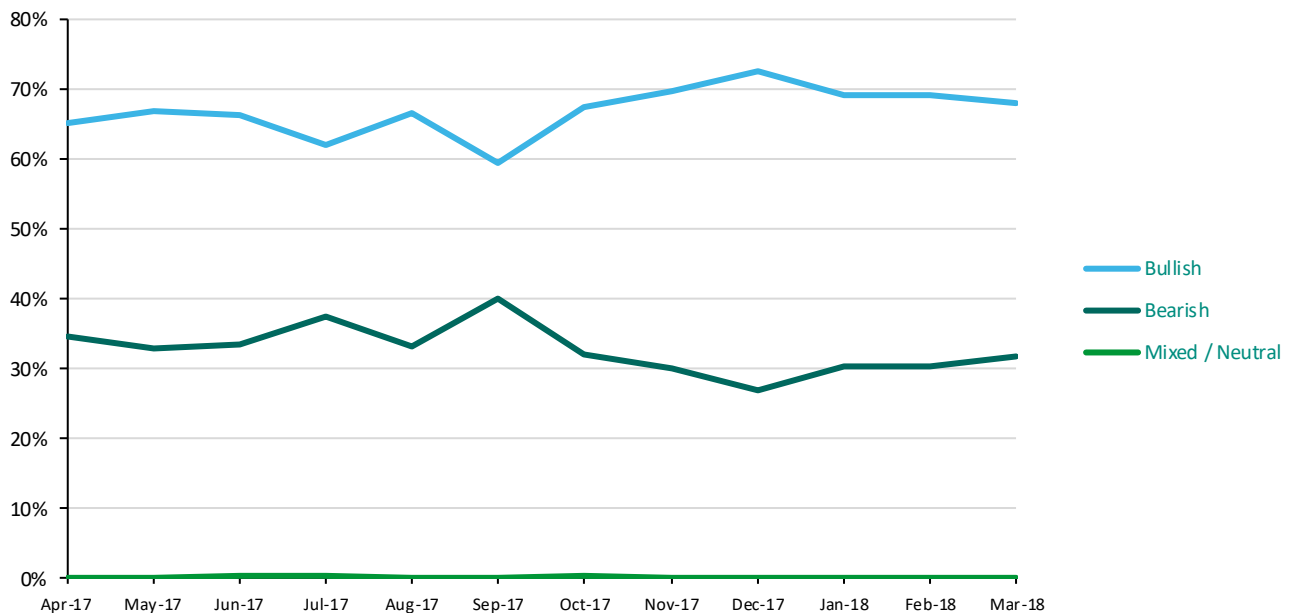
## Market Trend: Value traded

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

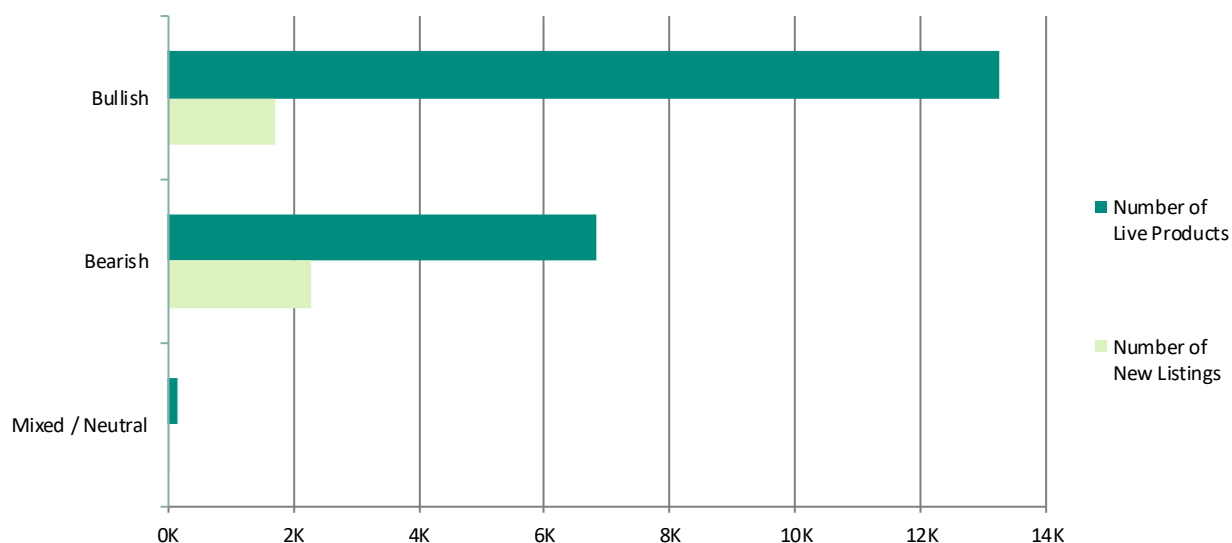
## Product Overview

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	13 250	3,3%	-2,1%	65,5%	1 724	-38%	-6,6%	42,9%
Bearish	6 842	13,6%	25%	33,8%	2 272	-19,1%	36%	56,5%
Mixed / Neutral	145	48%	42%	0,7%	25	-34%	116%	0,6%
<b>Total</b>	<b>20 237</b>	<b>6,8%</b>	<b>5,8%</b>	<b>100%</b>	<b>4 021</b>	<b>-28,7%</b>	<b>14,1%</b>	<b>100%</b>

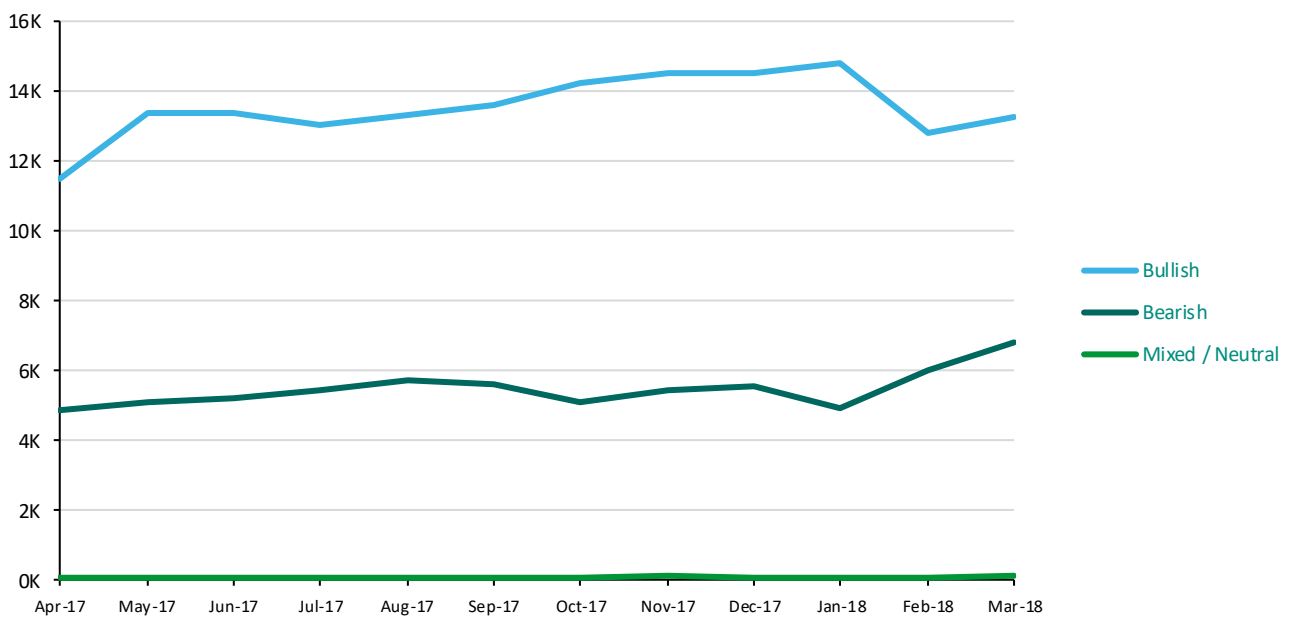
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# PRODUCT STRATEGIES

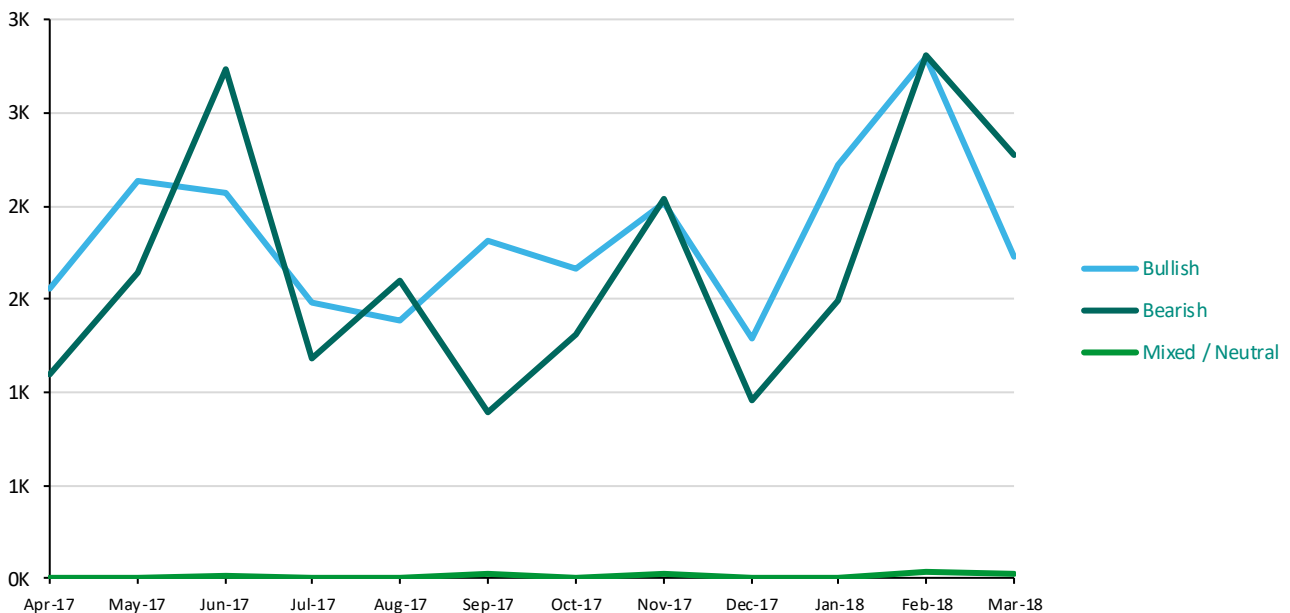
## Product Trend: Number of Live Products

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

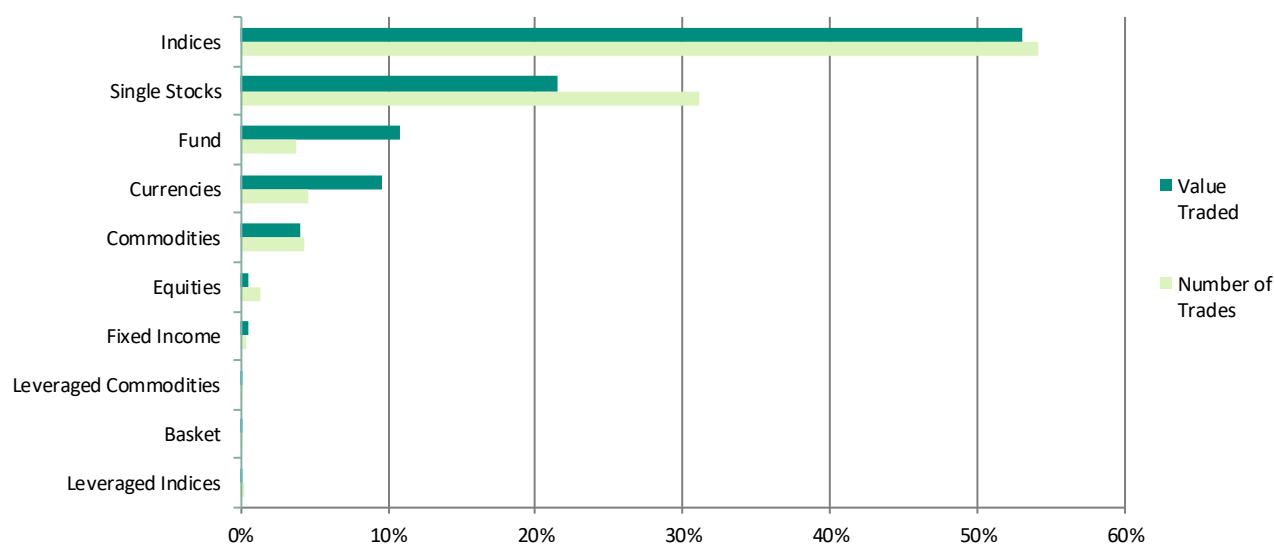
### Market Overview

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	14 163	-17,8%	24%	53,1%	4 374	-15,7%	36%	54,2%
Single Stocks	5 747	-17,8%	-7,6%	21,5%	2 516	-22%	14,9%	31,2%
Fund	2 873	238%	144%	10,8%	299	449%	187%	3,7%
Currencies	2 550	100%	175%	9,6%	368	17,9%	54%	4,6%
Commodities	1 062	-8,2%	-38%	4,0%	347	-7,4%	-28%	4,3%
Equities	134	-7,6%	-12,2%	0,5%	107	2,1%	16,8%	1,3%
Fixed Income	119	67%	53%	0,4%	31	1,6%	20%	0,4%
Leveraged Commodities	17	282%	202%	0,1%	6,2	43%	41%	0,1%
Basket	13	-58%	-52%	0,0%	1,7	-31%	-27%	0,0%
Leveraged Indices	9	-46%	38%	0,0%	16	3,6%	103%	0,2%
<b>Total</b>	<b>26 687</b>	<b>-3,9%</b>	<b>22,7%</b>	<b>100%</b>	<b>8 067</b>	<b>-13,3%</b>	<b>26,6%</b>	<b>100%</b>

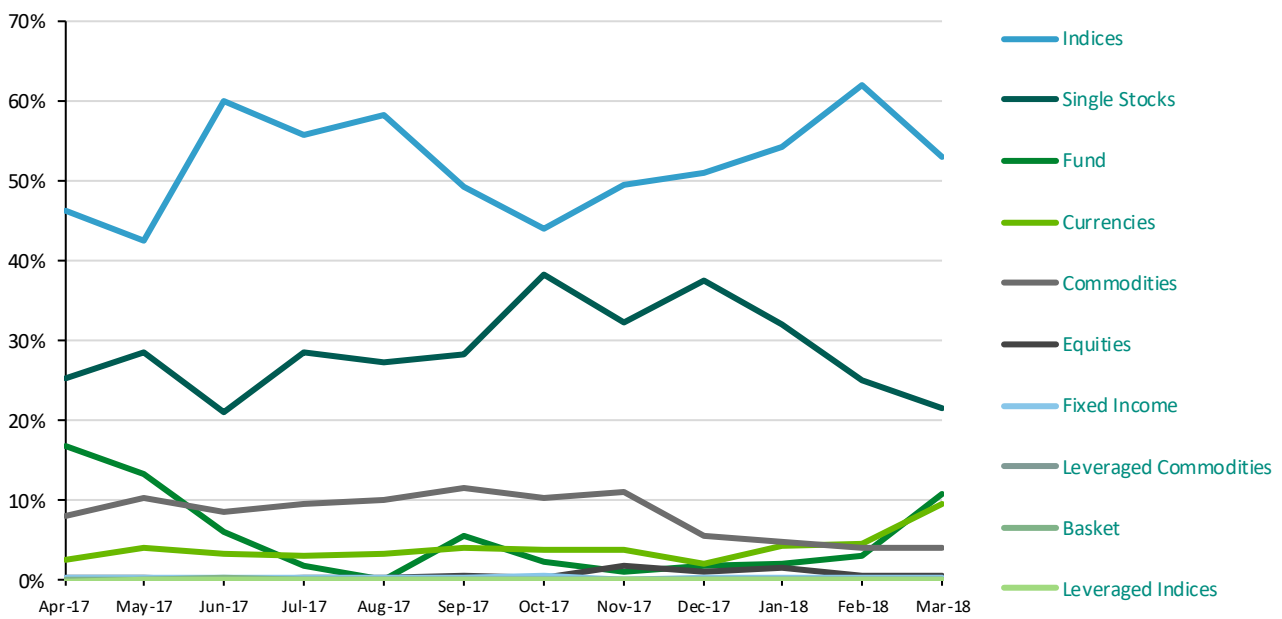
(Source Euronext)



# UNDERLYING TYPES

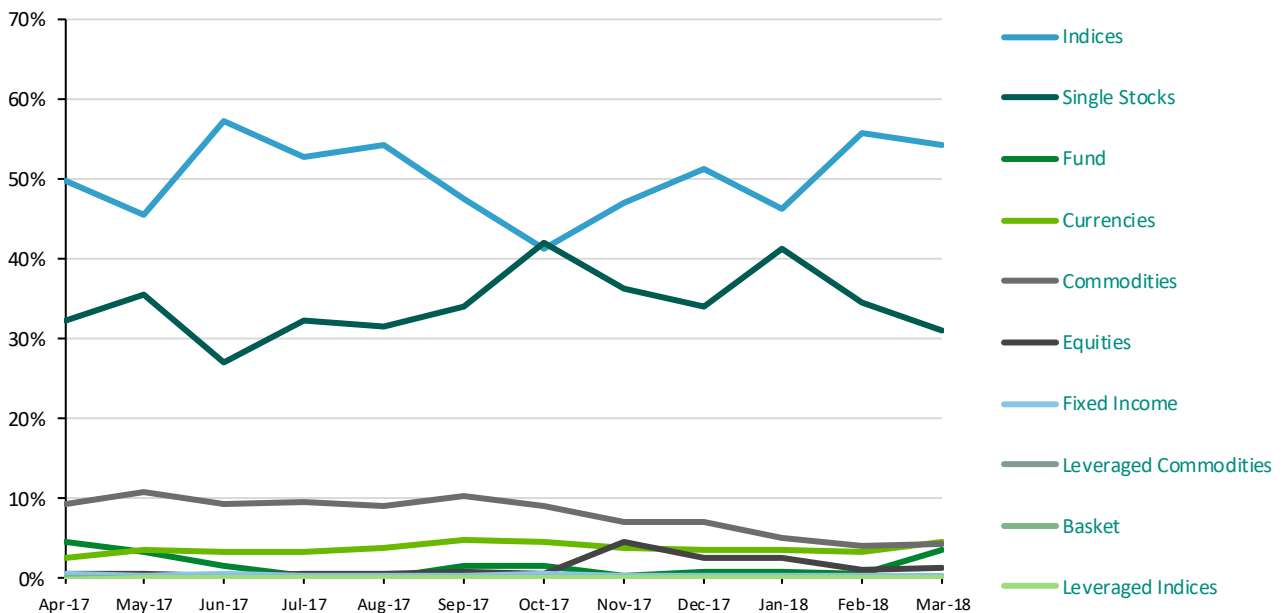
## Market Trend: Value traded

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

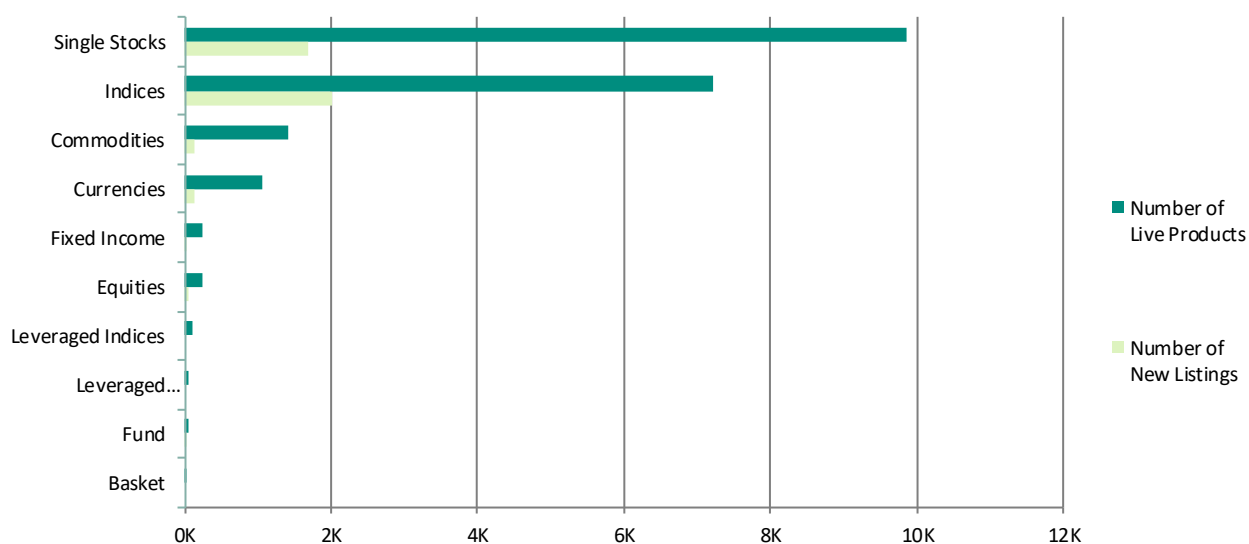
## Product Overview

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	9 863	7,5%	5,5%	48,7%	1 672	-21%	8,8%	41,6%
Indices	7 210	5,9%	7,4%	35,6%	2 023	-33%	44%	50,3%
Commodities	1 422	5,8%	6,8%	7,0%	128	-28%	-45%	3,2%
Currencies	1 066	5,8%	-7,0%	5,3%	129	-30%	-50%	3,2%
Fixed Income	240	10,4%	13,7%	1,2%	13	-38%	-57%	0,3%
Equities	239	10,6%	24%	1,2%	53	-48%	-13,4%	1,3%
Leveraged Indices	95	5,3%	-10,2%	0,5%	0		-100%	0,0%
Leveraged Commodities	51	5,3%	8,1%	0,3%	0		-100%	0,0%
Fund	36	17,1%	53%	0,2%	3	0,0%	20,0%	0,1%
Basket	15	7,2%	-4,5%	0,1%	0			0,0%
<b>Total</b>	<b>20 237</b>	<b>6,8%</b>	<b>5,8%</b>	<b>100%</b>	<b>4 021</b>	<b>-28,7%</b>	<b>14,1%</b>	<b>100%</b>

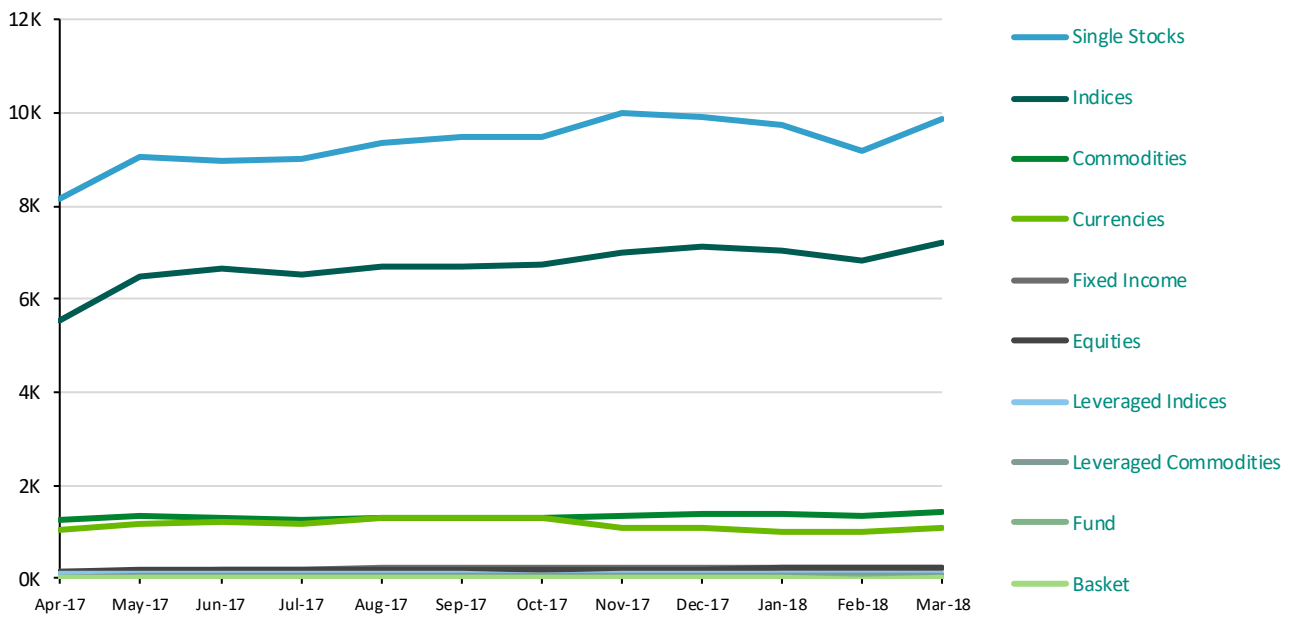
(Source Euronext)



# UNDERLYING TYPES

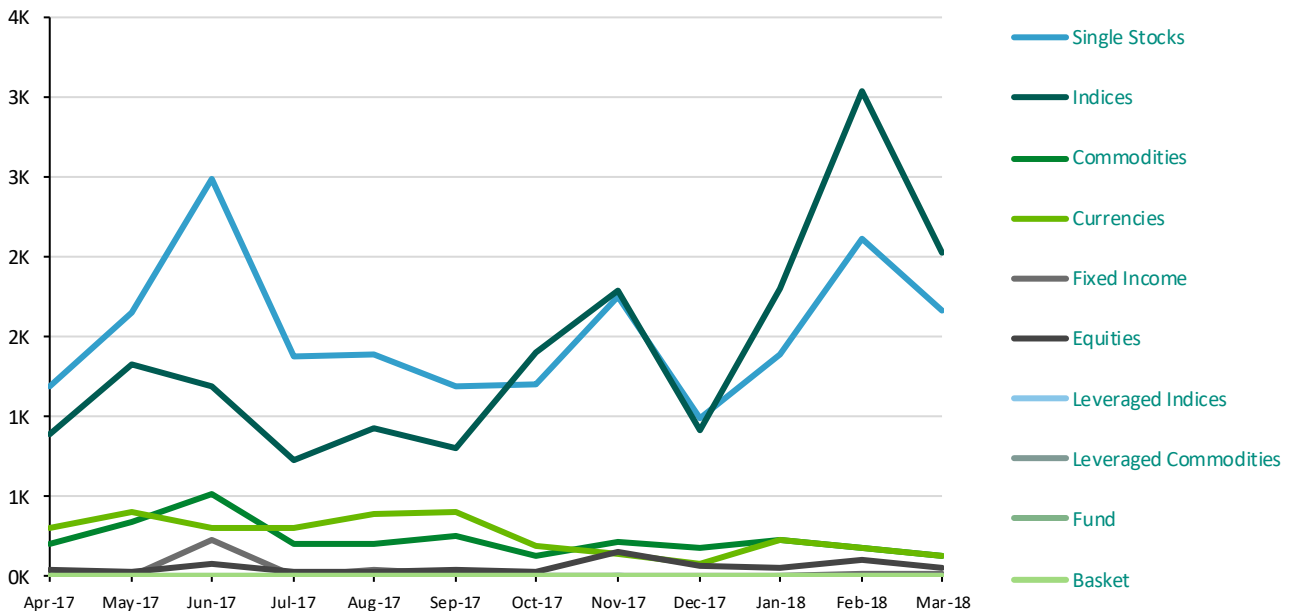
## Product Trend: Number of Live Products

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

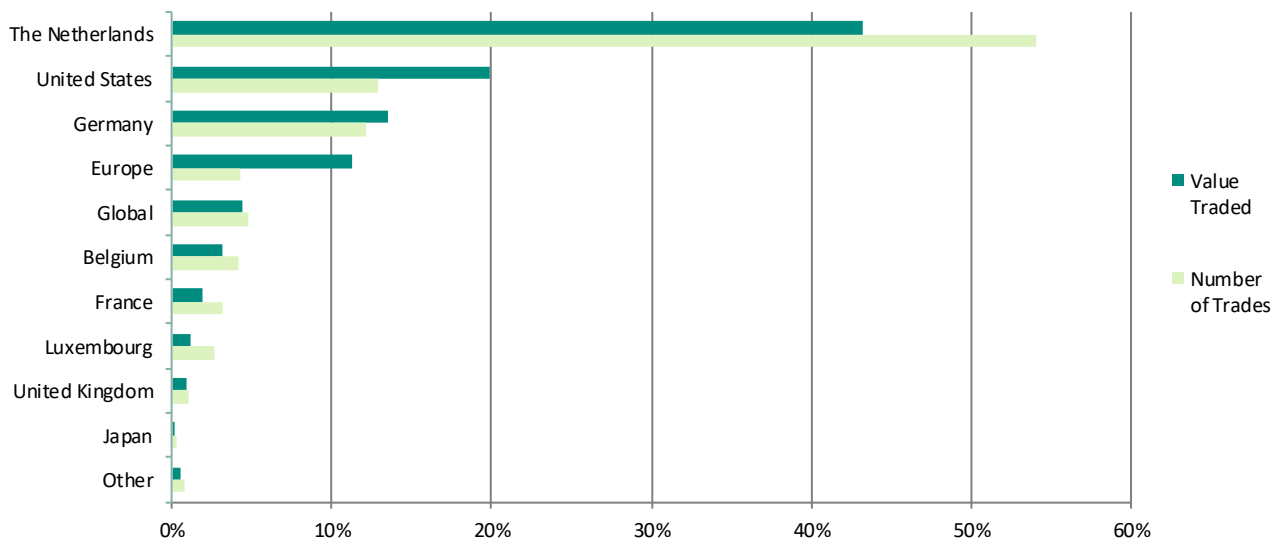
## Market Overview

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	11 532	-21%	-1,3%	43,2%	4 368	-18,1%	25%	54,1%
United States	5 314	19,5%	140%	19,9%	1 035	-5,9%	69%	12,8%
Germany	3 602	5,0%	65%	13,5%	983	-8,4%	38%	12,2%
Europe	3 012	144%	120%	11,3%	339	204%	159%	4,2%
Global	1 182	-16,9%	-36%	4,4%	384	-13,9%	-28%	4,8%
Belgium	834	-25%	17,9%	3,1%	329	-18,7%	13,3%	4,1%
France	505	1,1%	0,3%	1,9%	252	-21%	31%	3,1%
Luxembourg	308	-19,2%	-39%	1,2%	212	-8,9%	-1,3%	2,6%
United Kingdom	233	-27%	-35%	0,9%	84	-45%	-4,2%	1,0%
Japan	36	-54%	-64%	0,1%	19	-25%		0,2%
Other	130	-56%	-64%	0,5%	62	-41%	-35%	0,8%
<b>Total</b>	<b>26 687</b>	<b>-3,9%</b>	<b>22,7%</b>	<b>100%</b>	<b>8 067</b>	<b>-13,3%</b>	<b>26,6%</b>	<b>100%</b>

(Source Euronext)

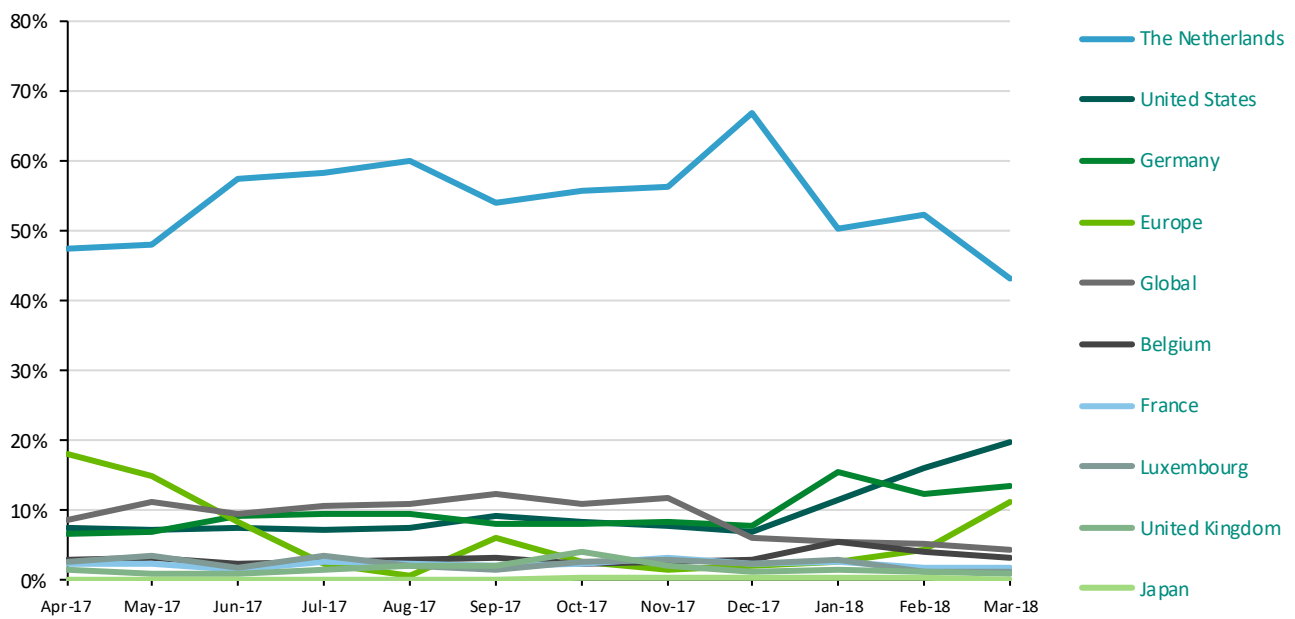




# TOP 10 UNDERLYING COUNTRIES

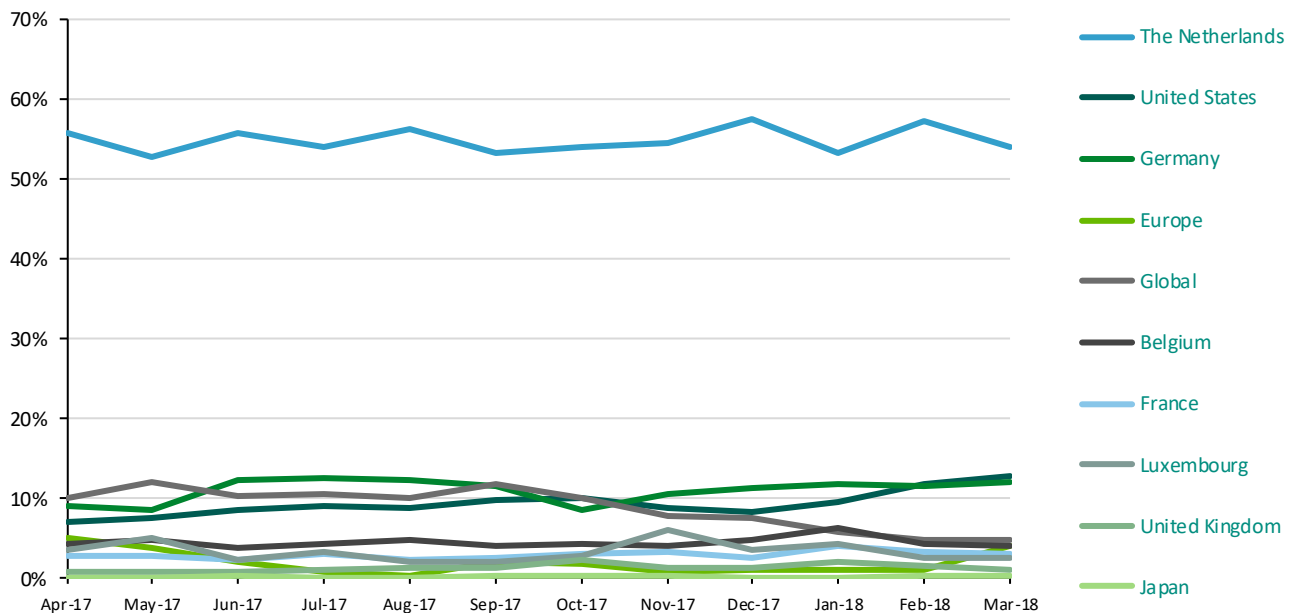
## Market Trend: Value traded

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

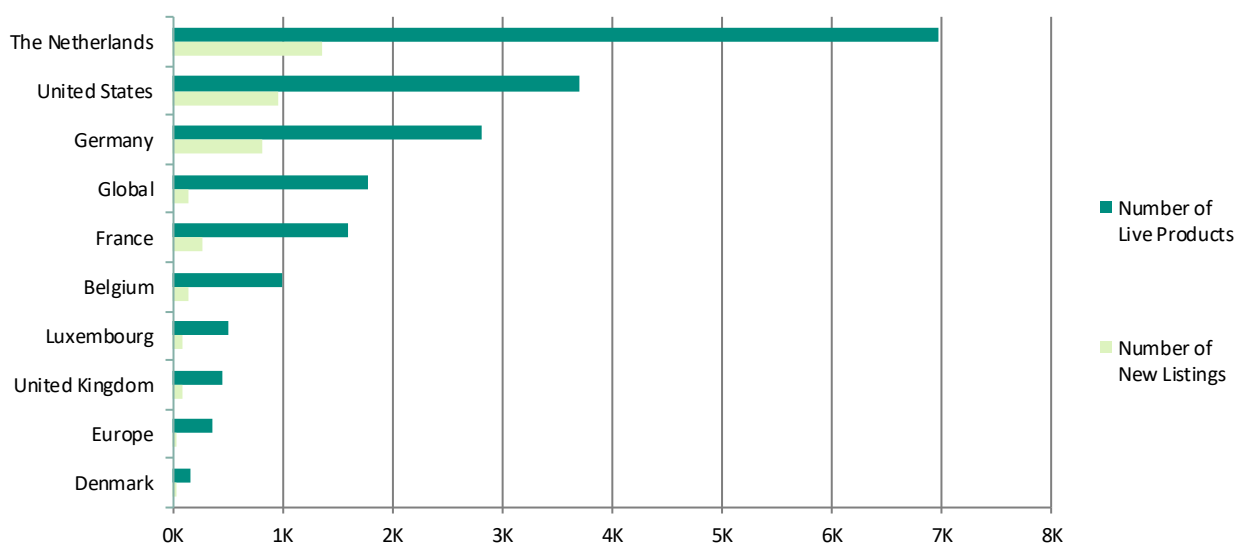
## Product Overview

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	6 971	5,4%	6,5%	34,4%	1 359	-34%	12,2%	33,8%
United States	3 696	8,6%	9,4%	18,3%	956	-32%	36%	23,8%
Germany	2 819	7,1%	8,0%	13,9%	812	-12,7%	48%	20,2%
Global	1 785	6,3%	0,0%	8,8%	146	-38%	-54%	3,6%
France	1 587	6,6%	-2,5%	7,8%	268	-25%	-3,9%	6,7%
Belgium	1 000	7,8%	11,4%	4,9%	146	-24%	12,9%	3,6%
Luxembourg	504	3,7%	6,4%	2,5%	95	-27%	-21%	2,4%
United Kingdom	456	8,0%	-0,8%	2,3%	86	3,6%	42%	2,1%
Europe	357	9,1%	2,3%	1,8%	34	-42%	15,6%	0,8%
Denmark	161	16,5%	24%	0,8%	30	-46%	-18,4%	0,7%
Other	901	8,2%	3,1%	4,4%	89	-30%	-4,0%	2,2%
<b>Total</b>	<b>20 237</b>	<b>6,8%</b>	<b>5,8%</b>	<b>100%</b>	<b>4 021</b>	<b>-28,7%</b>	<b>14,1%</b>	<b>100%</b>

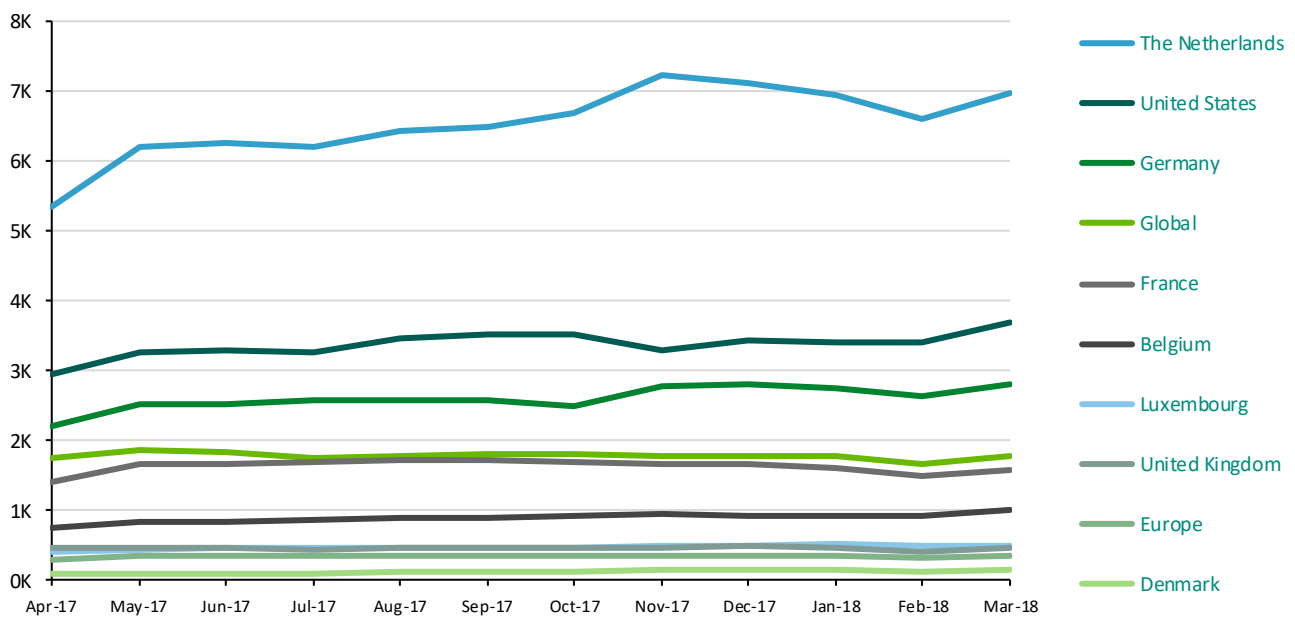
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

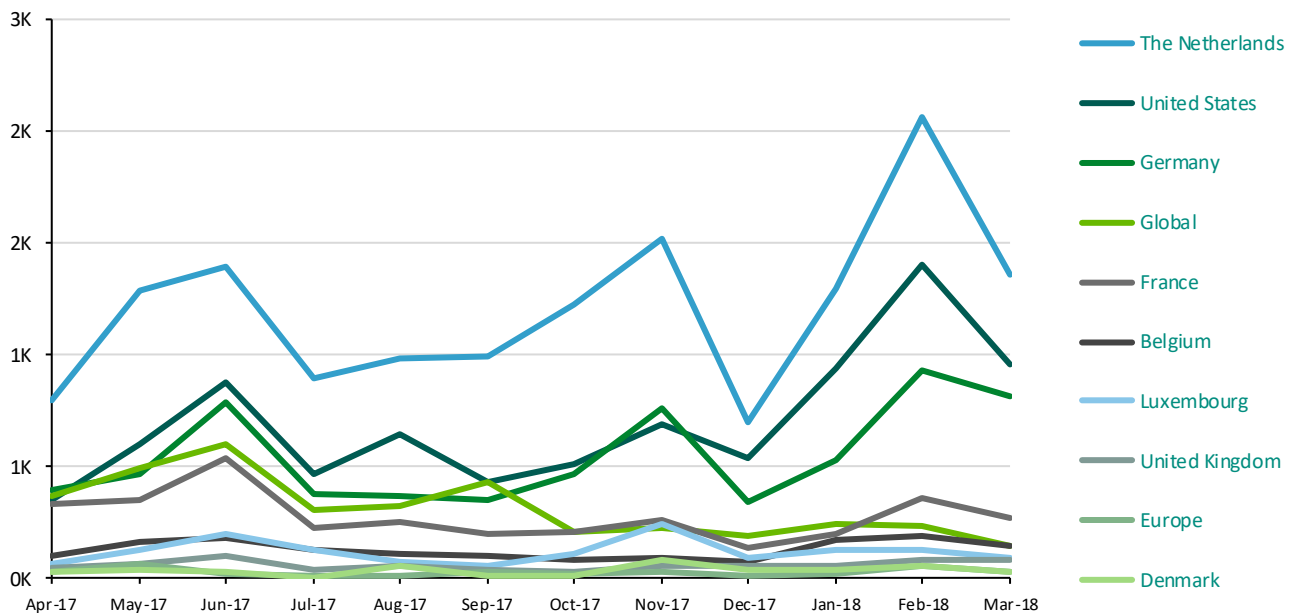
## Product Trend: Number of Live Products

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

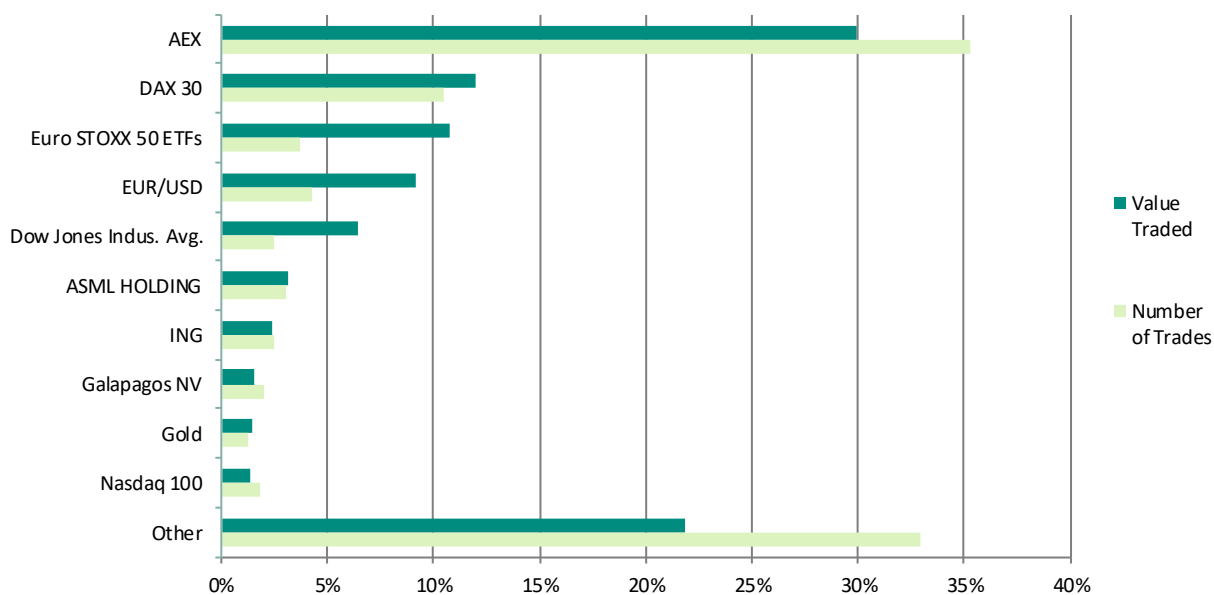
## Market Overview

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	7 976	-22%	1,5%	29,9%	2 851	-15,6%	30%	35,3%
DAX 30	3 209	4,3%	72%	12,0%	842	-7,6%	44%	10,4%
Euro STOXX 50 ETFs	2 873	238%	144%	10,8%	299	449%	187%	3,7%
EUR/USD	2 436	103%	196%	9,1%	347	20%	70%	4,3%
Dow Jones Indus. Avg.	1 719	1,0%	149%	6,4%	204	-25%	48%	2,5%
ASML HOLDING	851	0,2%	77%	3,2%	247	7,2%	109%	3,1%
ING	629	12,2%	12,9%	2,4%	199	-9,5%	52%	2,5%
Galapagos NV	402	-23%	16,4%	1,5%	164	-5,5%	15,8%	2,0%
Gold	385	-6,2%	-55%	1,4%	104	-9,2%	-28%	1,3%
Nasdaq 100	370	-47%	43%	1,4%	149	-29%	81%	1,8%
Other	5 838	-23%	-14,7%	21,9%	2 660	-23%	4,8%	33,0%
<b>Total</b>	<b>26 687</b>	<b>-3,9%</b>	<b>22,7%</b>	<b>100%</b>	<b>8 067</b>	<b>-13,3%</b>	<b>26,6%</b>	<b>100%</b>

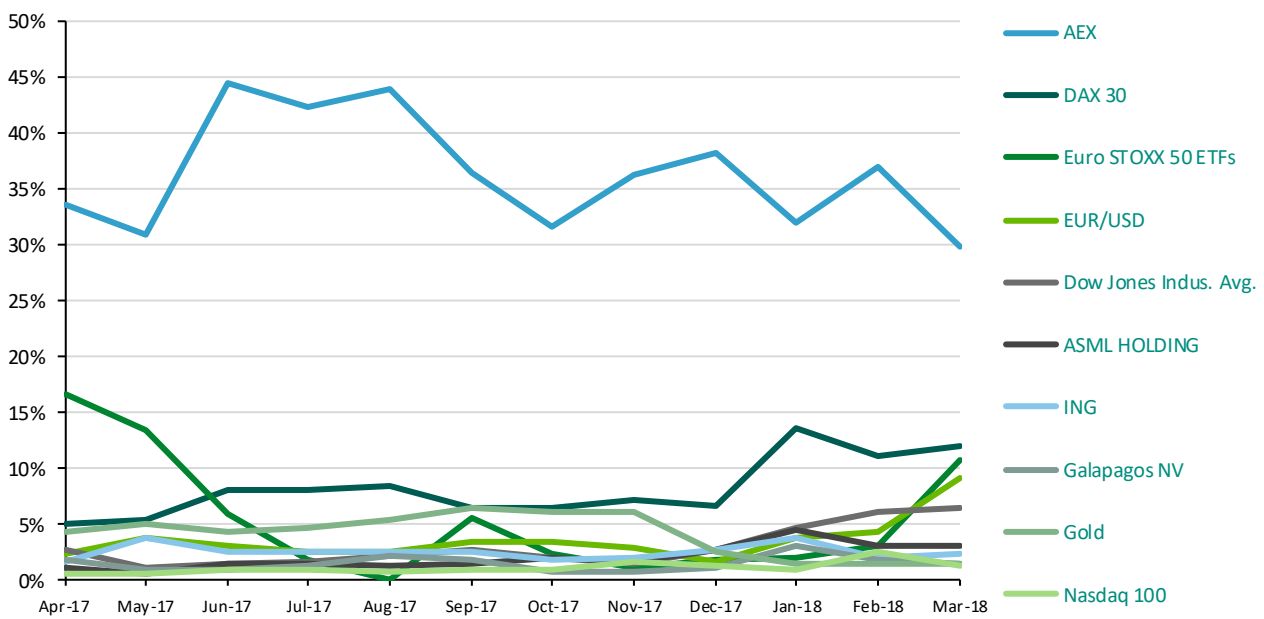
(Source Euronext)



# TOP 10 UNDERLYINGS

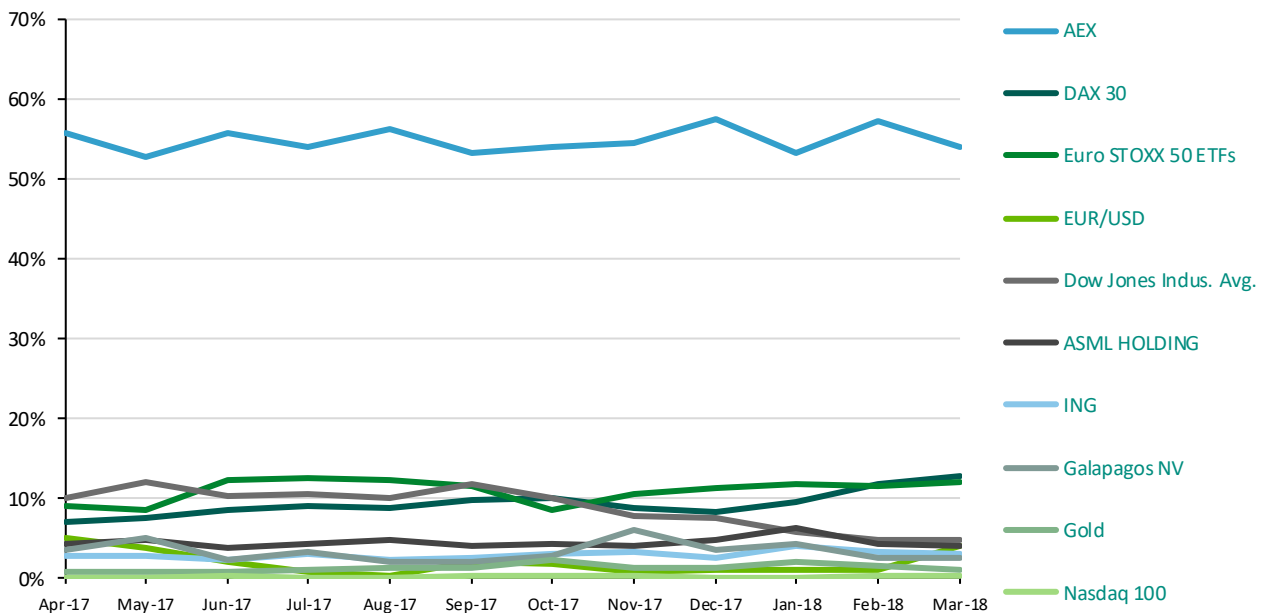
## Market Trend: Value traded

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

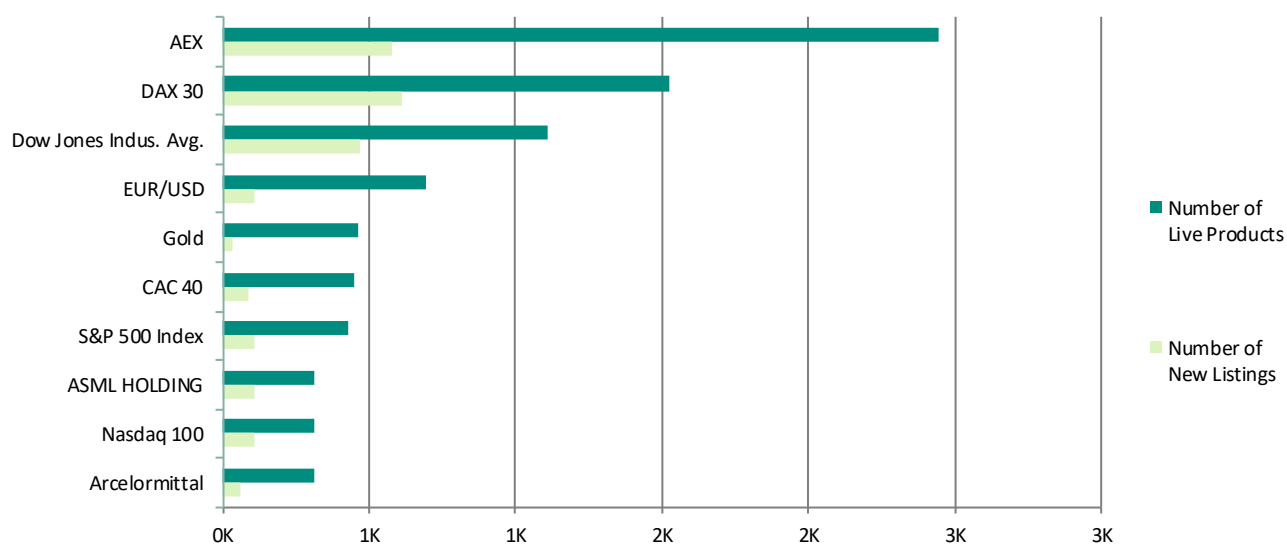
## Product Overview

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	2 446	1,8%	4,6%	12,1%	576	-45%	9,8%	14,3%
DAX 30	1 528	7,7%	9,9%	7,6%	615	-11,8%	67%	15,3%
Dow Jones Indus. Avg.	1 106	10,2%	19,7%	5,5%	466	-38%	86%	11,6%
EUR/USD	696	7,0%	19,3%	3,4%	105	-35%	-20%	2,6%
Gold	465	7,0%	8,9%	2,3%	31	0,0%	-46%	0,8%
CAC 40	448	7,6%	-4,5%	2,2%	88	-30%	7,6%	2,2%
S&P 500 Index	431	5,3%	9,5%	2,1%	105	-36%	86%	2,6%
ASML HOLDING	313	10,7%	25%	1,5%	107	49%	94%	2,7%
Nasdaq 100	309	8,5%	9,8%	1,5%	110	-9,1%	97%	2,7%
Arcelormittal	309	3,5%	8,0%	1,5%	59	-19,2%	-22%	1,5%
Other	12 186	7,4%	3,4%	60,2%	1 759	-27%	-5,8%	43,7%
Total	20 237	6,8%	5,8%	100%	4 021	-28,7%	14,1%	100%

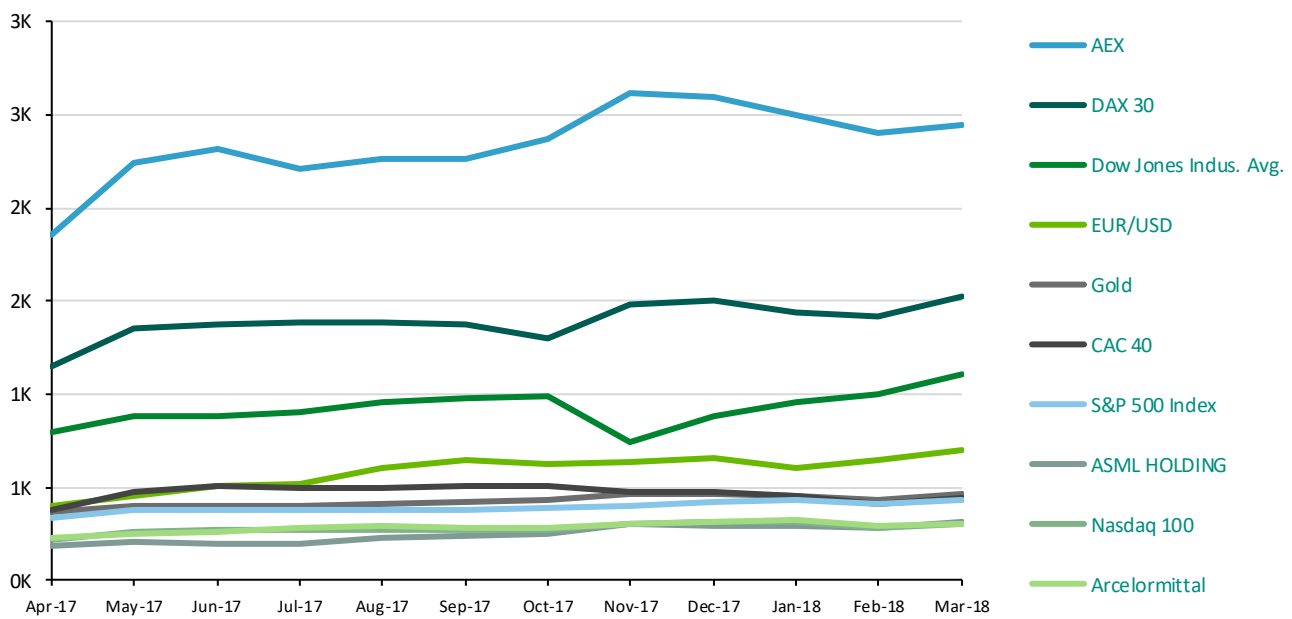
(Source Euronext)



# TOP 10 UNDERLYINGS

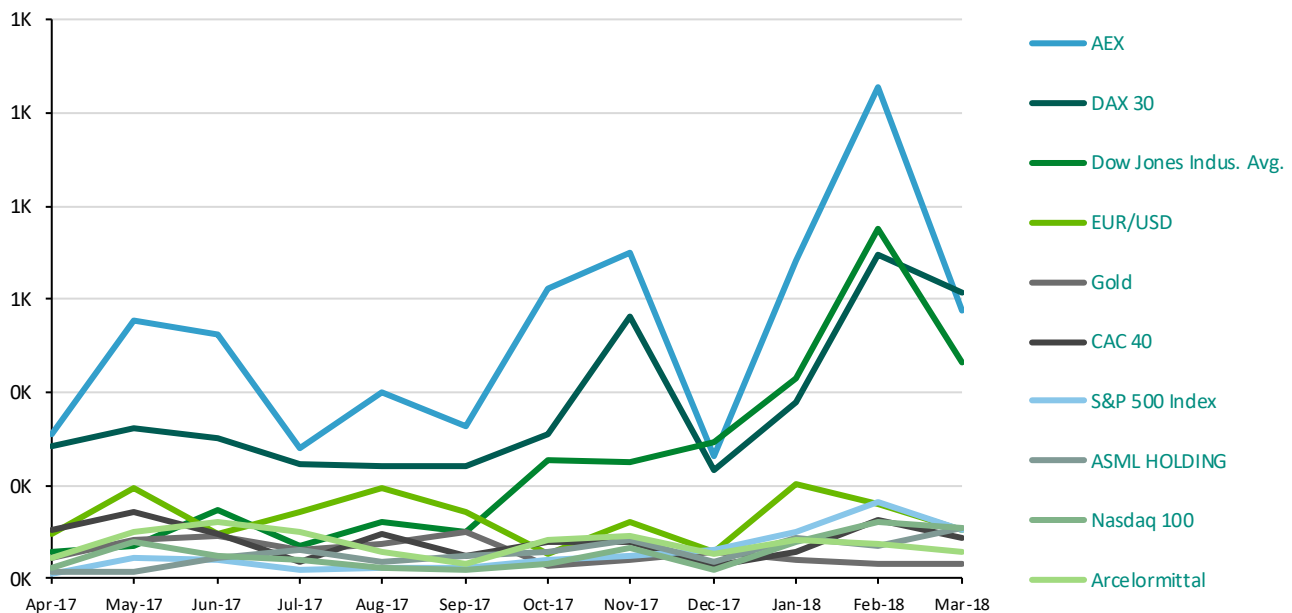
## Product Trend: Number of Live Products

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
NL0012567416	Goldman Sachs	2205   Open-End Knock-Out Warrants	DAX 30	17 676	588
NL0012703078	ING	2100   Warrants	Euro STOXX 50 ETFs	16 842	884
NL0012493225	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	12 907	4 246
DE000CE6E3X8	Commerzbank	2205   Open-End Knock-Out Warrants	Nasdaq 100	10 523	448
NL0012703052	ING	2100   Warrants	Euro STOXX 50 ETFs	9 882	560
NL0012494348	BNP Paribas	2210   Mini-Futures	AEX	9 512	414
NL0012566467	Goldman Sachs	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	8 399	150
NL0012556898	Goldman Sachs	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	8 382	92
NL0012577795	Goldman Sachs	2205   Open-End Knock-Out Warrants	DAX 30	8 252	56
NL0012497085	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	8 073	1 808
NL0012436265	Goldman Sachs	2205   Open-End Knock-Out Warrants	EUR/USD	7 537	578
NL0012493407	BNP Paribas	2210   Mini-Futures	AEX	7 524	532
NL0012683544	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	7 171	1 834
NL0012094932	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	6 674	1 056
NL0012515837	Goldman Sachs	2210   Mini-Futures	AEX	6 460	258
NL0012111694	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	6 331	1 842
NL0012703060	ING	2100   Warrants	Euro STOXX 50 ETFs	6 202	594
NL0012501365	BNP Paribas	2205   Open-End Knock-Out Warrants	ASML HOLDING	5 985	446
NL0012197115	Goldman Sachs	2210   Mini-Futures	AEX	5 784	5 088
NL0012491872	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	5 475	4 252
NL0012691919	BNP Paribas	2210   Mini-Futures	Silver	5 411	44
NL0012581730	Goldman Sachs	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	4 543	96
DE000VN6Y9U8	Vontobel	2210   Mini-Futures	AEX	4 493	60
NL0012689772	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	4 480	1 384
DE000VL76FW1	Vontobel	2200   Knock-Out Warrants	AEX	4 441	678
DE000CV4ZYQ5	Commerzbank	2205   Open-End Knock-Out Warrants	Euro STOXX 50	3 950	92
NL0012568273	Goldman Sachs	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	3 904	60
NL0012690101	BNP Paribas	2210   Mini-Futures	AEX	3 851	284
NL0012561799	Goldman Sachs	2210   Mini-Futures	AEX	3 832	126
NL0012770200	BNP Paribas	2210   Mini-Futures	AEX	3 713	110
NL0012491740	BNP Paribas	2210   Mini-Futures	AEX	3 658	314
DE000CY16F05	Citi	2205   Open-End Knock-Out Warrants	ING	3 644	970
NL0012684112	BNP Paribas	2210   Mini-Futures	AEX	3 549	202
DE000CE6DZB7	Commerzbank	2205   Open-End Knock-Out Warrants	S&P 500 Index	3 493	212
DE000CE6F074	Commerzbank	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	3 446	444
NL0012683650	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	3 436	1 648
NL0012516348	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	3 404	252
NL00121117931	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	3 345	432
NL0012554588	Goldman Sachs	2205   Open-End Knock-Out Warrants	EUR/USD	3 273	78
DE000CQ5A2P5	Citi	2205   Open-End Knock-Out Warrants	AEX	3 259	238
NL0012262042	BNP Paribas	2210   Mini-Futures	AEX	3 259	72
NL0011911706	BNP Paribas	2210   Mini-Futures	VIX Futures	3 230	388
NL0012566053	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	3 228	308
NL0012562763	Goldman Sachs	2210   Mini-Futures	AEX	3 216	102
NL0012684070	BNP Paribas	2210   Mini-Futures	AEX	3 164	700
NL0012122808	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2 851	234
NL0012259592	BNP Paribas	2210   Mini-Futures	ING	2 849	242
DE000CE6F967	Commerzbank	2205   Open-End Knock-Out Warrants	AEX	2 703	450
DE000CY51P90	Citi	2200   Knock-Out Warrants	AEX	2 696	184
NL0012699789	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2 682	934

(Source Euronext)





Euronext Brussels

# ISSUERS

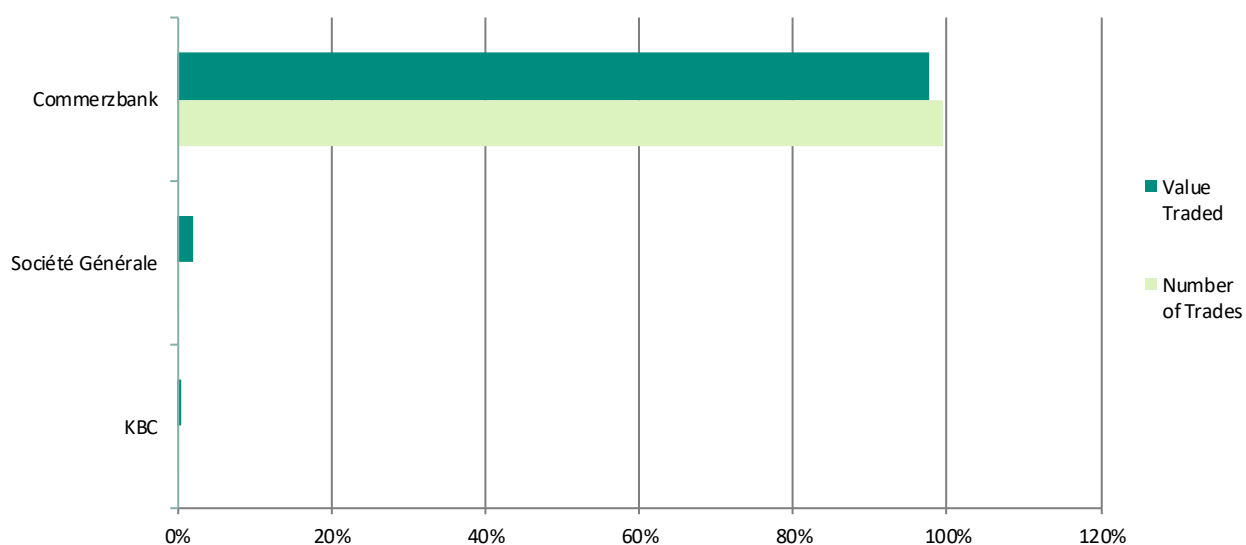
## Market Overview

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	501	-4,2%	38%	97,7%	301	-10,3%	66,0%	99,5%
Société Générale	10	78%	28%	1,9%	0,9	-17,4%	-0,5%	0,3%
KBC	2	176%	332%	0,4%	0,6	136,4%	286,4%	0,2%
Total	513	-3,1%	38,1%	100%	303	-10,2%	65,9%	100%

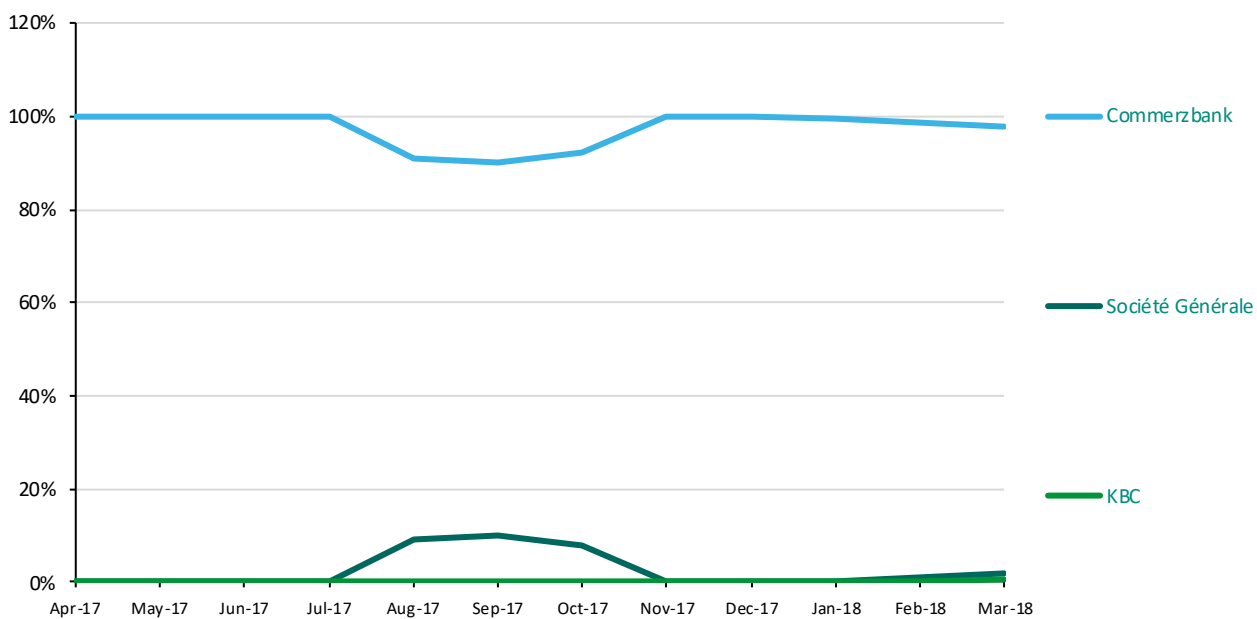
(Source Euronext)



# ISSUERS

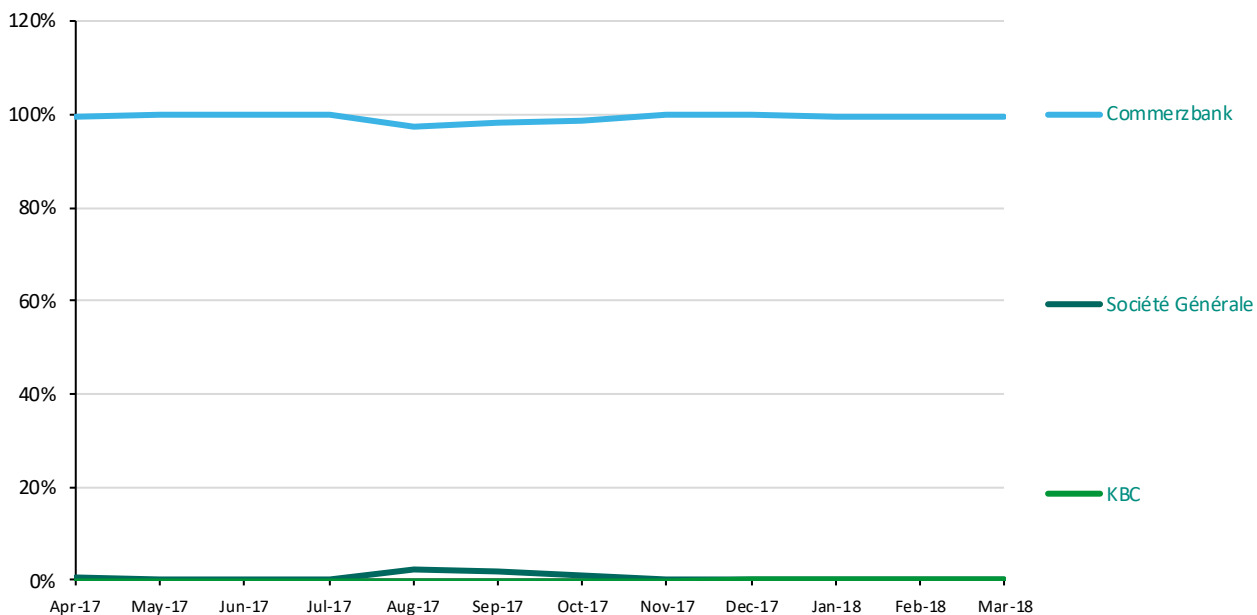
## Market Trend: Value traded

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

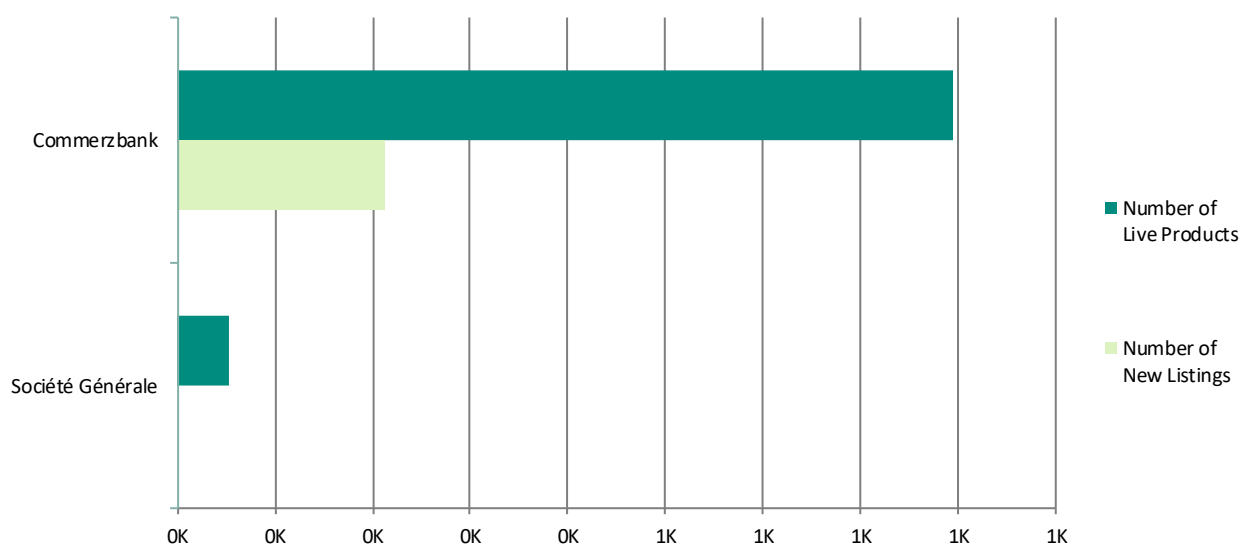
## Product Overview

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	795	-3,1%	-5,6%	92,6%	212	-19,4%	64%	98,1%
Société Générale	52	4,8%	-12,5%	6,1%	0			0,0%
KBC	12	24%	442%	1,4%	4	33%	109%	1,9%
Total	858	-2,3%	-5,0%	100%	216	-18,8%	65,1%	100%

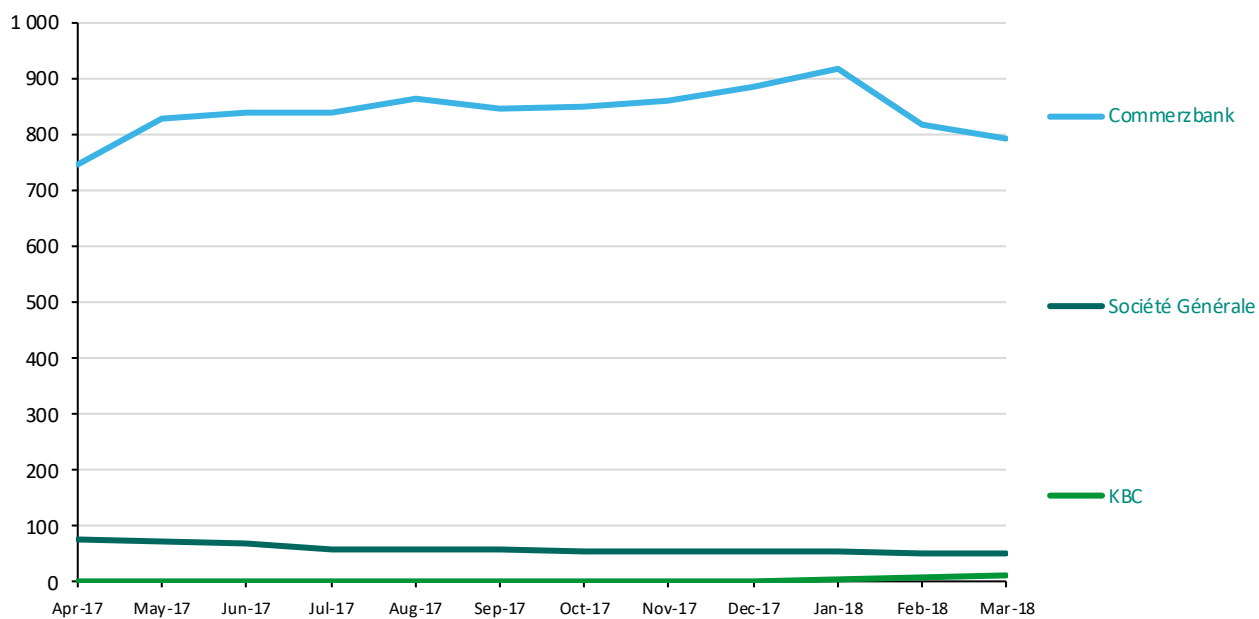
(Source Euronext)



# ISSUERS

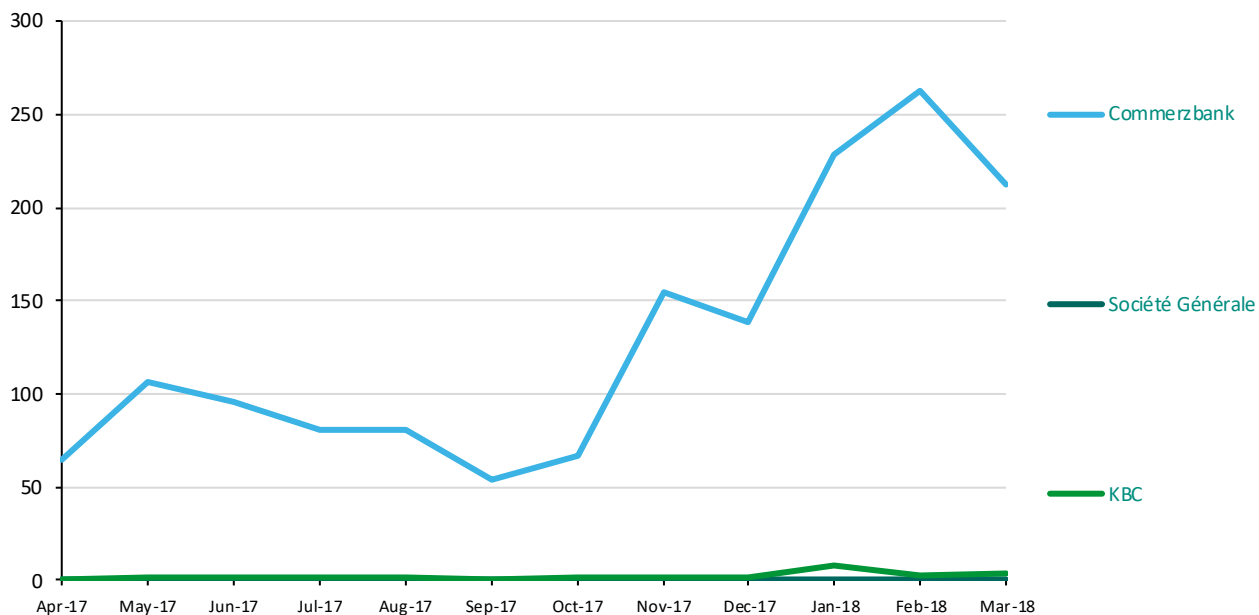
## Product Trend: Number of Live Products

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)

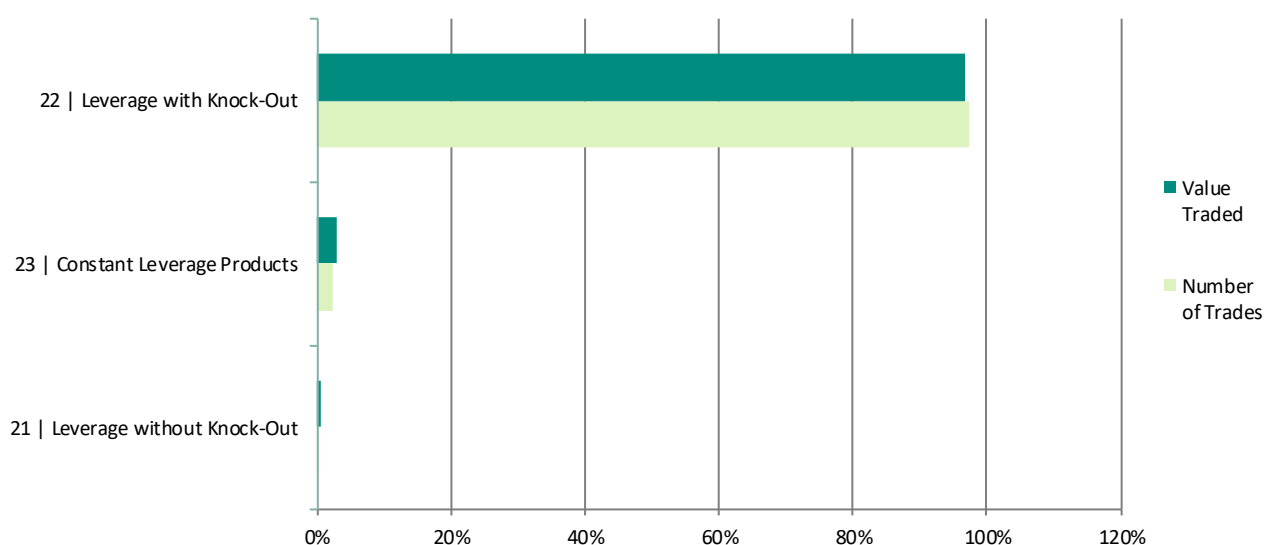
## Market Overview

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	496	-4,7%	37%	96,7%	295	-9,6%	67%	97,4%
23   Constant Leverage Products	15	85%	45%	3,0%	7,1	-31%	27%	2,4%
21   Leverage without Knock-Out	2	176%	332%	0,4%	0,6	136%	286%	0,2%
Total	513	-3,1%	38,1%	100%	303	-10,2%	65,9%	100%

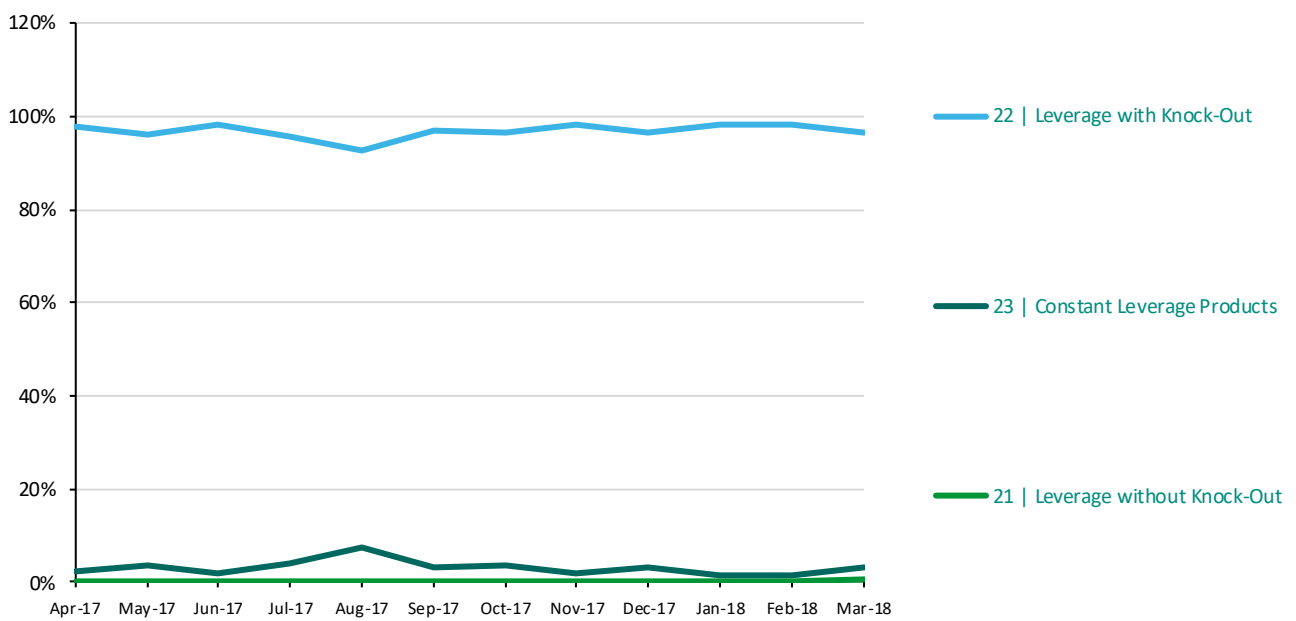
(Source Euronext)



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

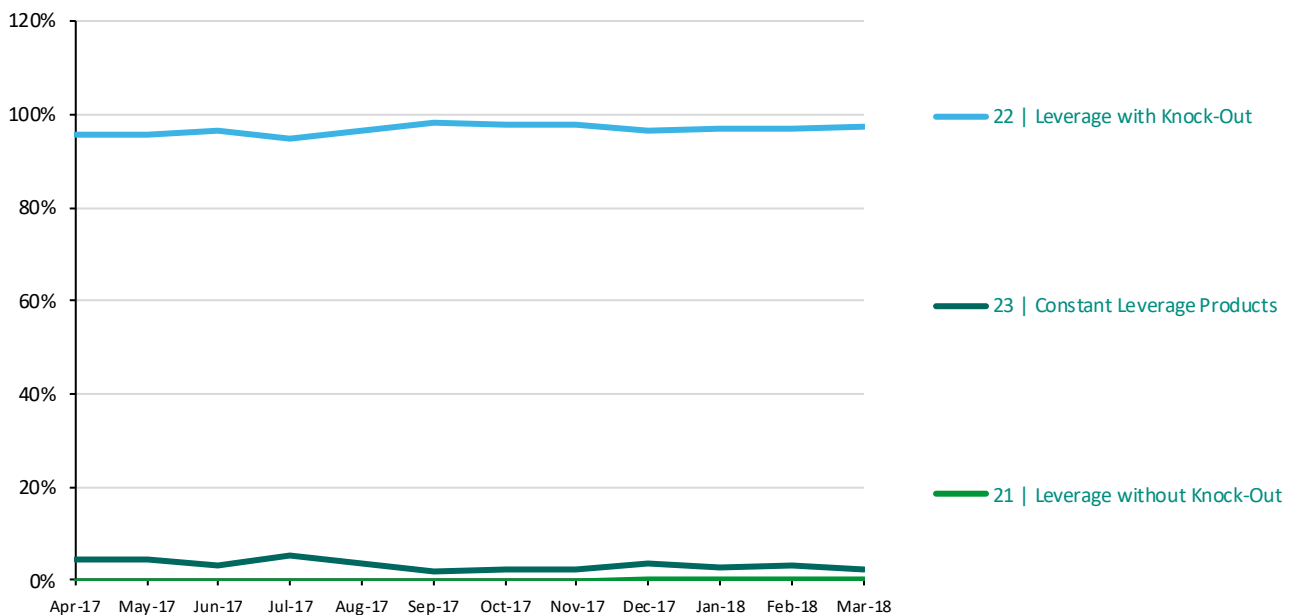
## Market Trend: Value traded

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)

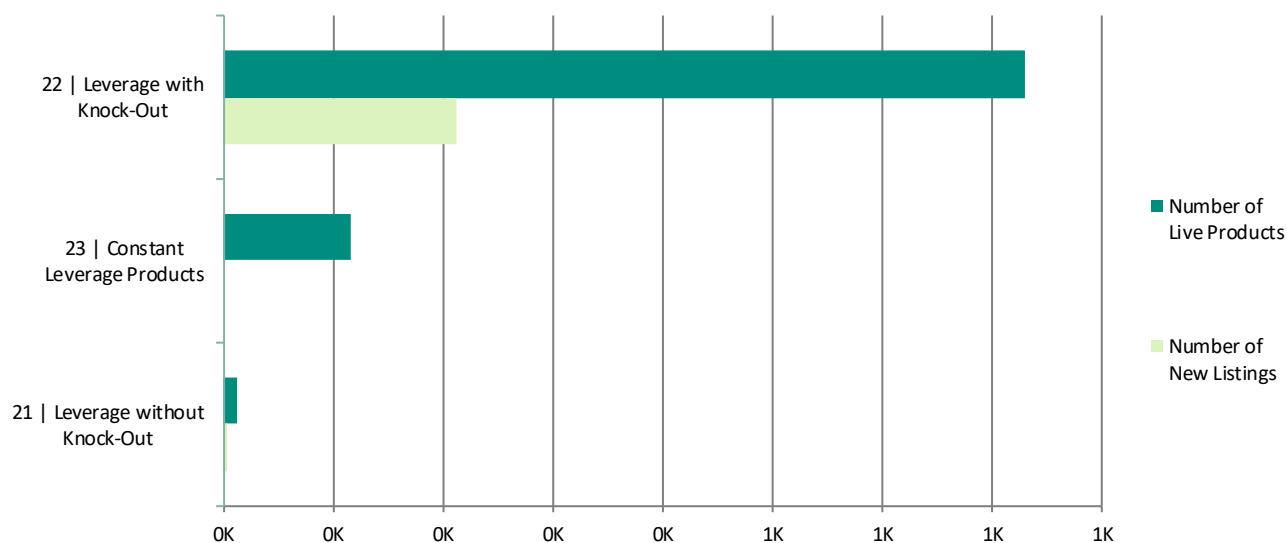
### Product Overview

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	731	-3,6%	-5,1%	85,1%	212	-19,4%	65%	98,1%
23   Constant Leverage Products	115	4,5%	-11,5%	13,4%	0		-100%	0,0%
21   Leverage without Knock-Out	13	22%	303%	1,5%	4	33%	109%	1,9%
<b>Total</b>	<b>858</b>	<b>-2,3%</b>	<b>-5,0%</b>	<b>100%</b>	<b>216</b>	<b>-18,8%</b>	<b>65,1%</b>	<b>100%</b>

(Source Euronext)

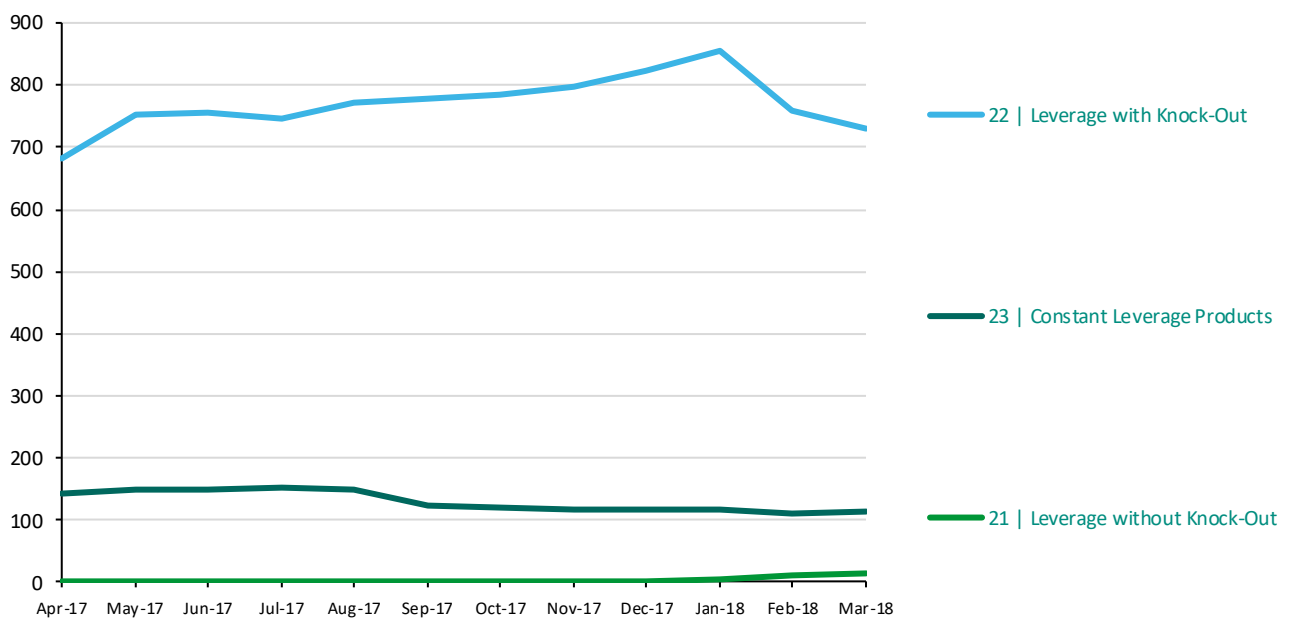




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

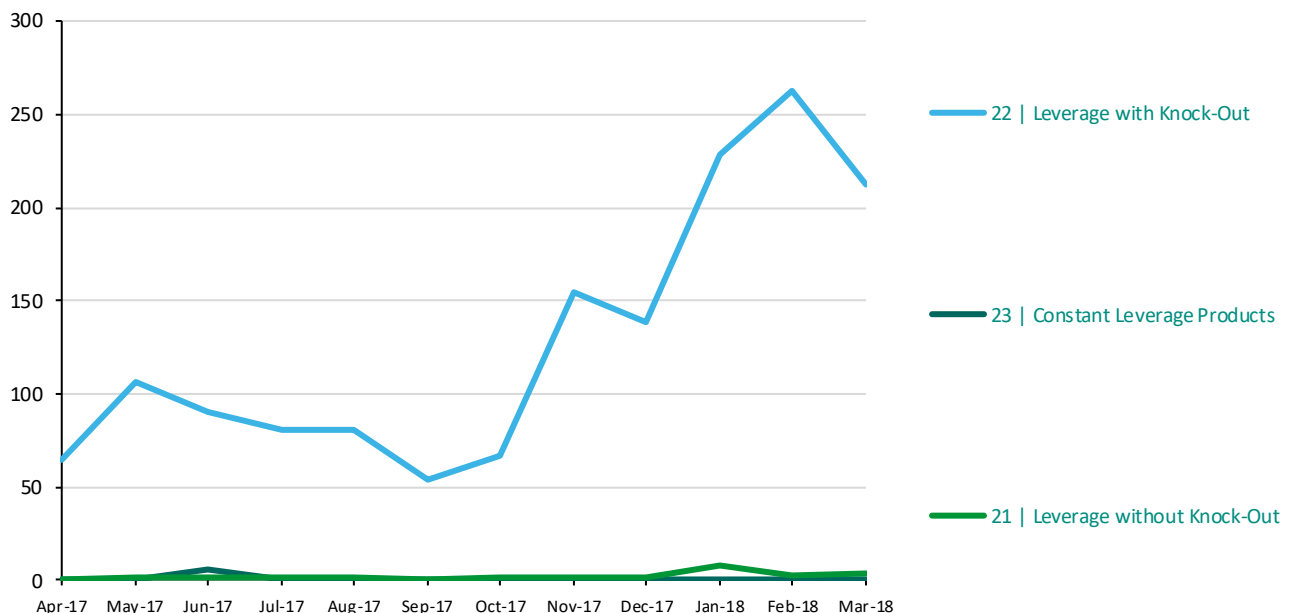
## Product Trend: Number of Live Products

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)

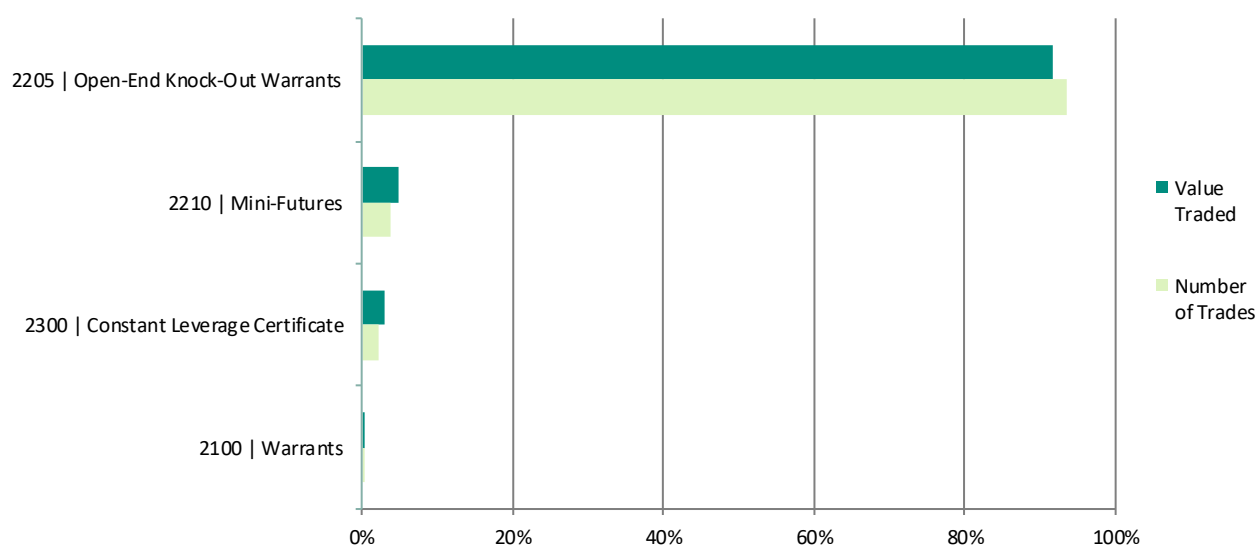
## Market Overview

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	471	-6,4%	37%	91,8%	284	-9,6%	67%	93,7%
2210   Mini-Futures	25	48%	52%	4,8%	11	-9,5%	70%	3,7%
2300   Constant Leverage Certificate	15	85%	45%	3,0%	7,1	-31%	27%	2,4%
2100   Warrants	2	176%	332%	0,4%	0,6	136%	286%	0,2%
<b>Total</b>	<b>513</b>	<b>-3,1%</b>	<b>38,1%</b>	<b>100%</b>	<b>303</b>	<b>-10,2%</b>	<b>65,9%</b>	<b>100%</b>

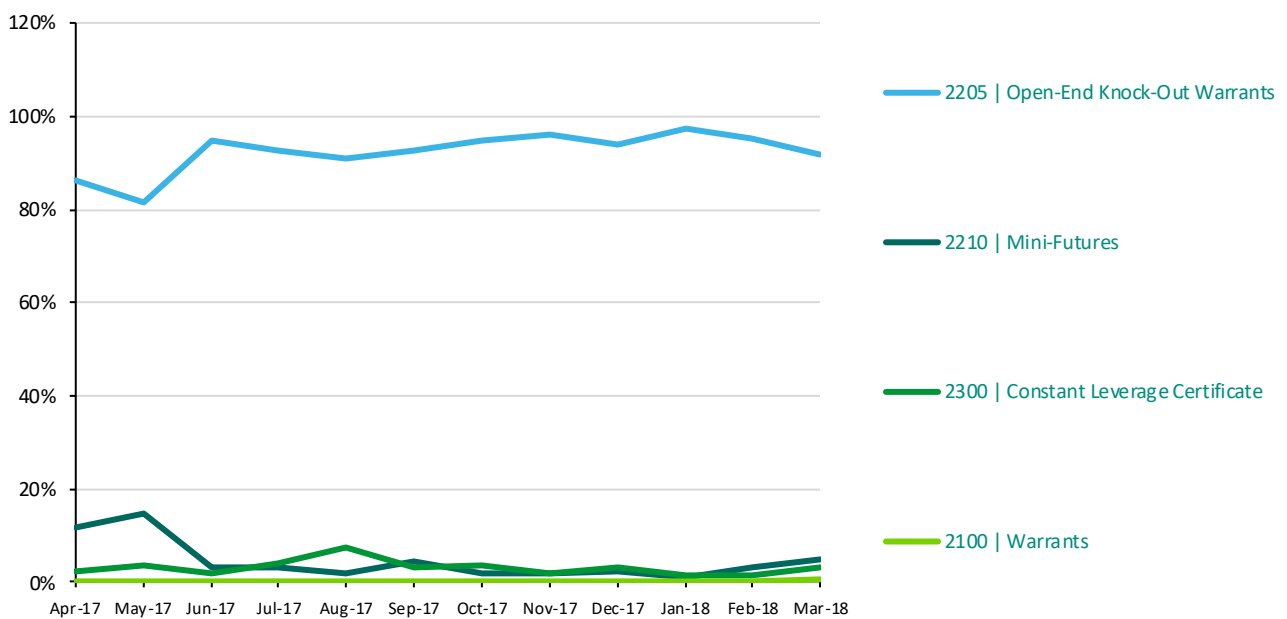
(Source Euronext)



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

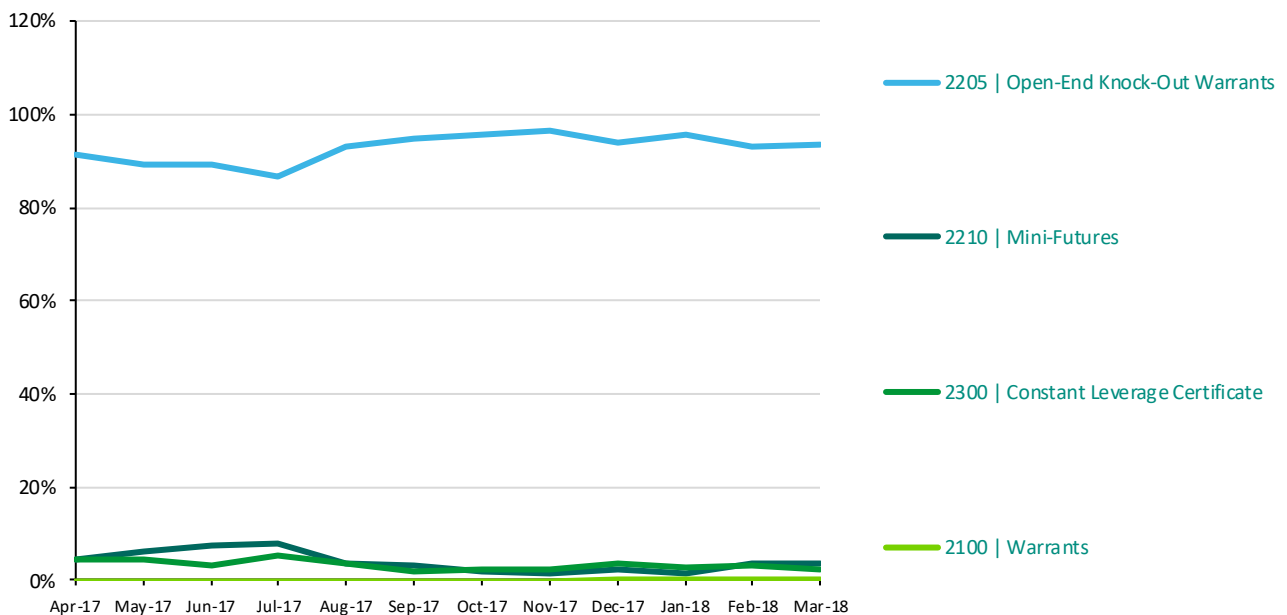
## Market Trend: Value traded

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)

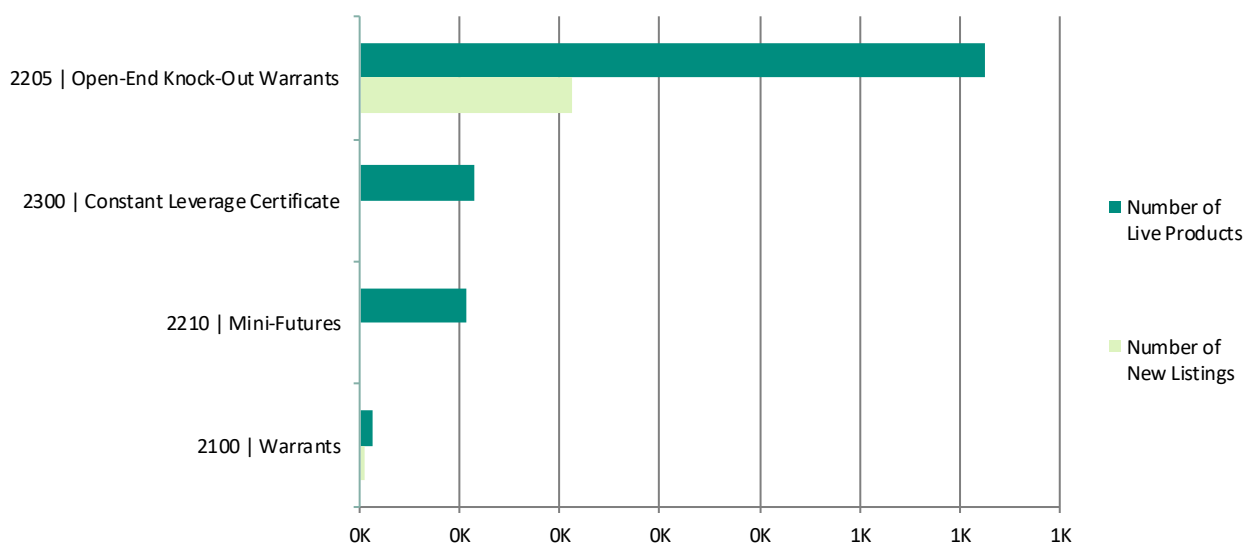
## Product Overview

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	625	-2,4%	-1,3%	72,8%	212	-16,2%	75%	98,1%
2300   Constant Leverage Certificate	115	4,5%	-11,5%	13,4%	0	-100%	-100%	0,0%
2210   Mini-Futures	106	-10,4%	-23%	12,3%	0	-100%	-100%	0,0%
2100   Warrants	13	22%	303%	1,5%	4	33%	109%	1,9%
<b>Total</b>	<b>858</b>	<b>-2,3%</b>	<b>-5,0%</b>	<b>100%</b>	<b>216</b>	<b>-18,8%</b>	<b>65,1%</b>	<b>100%</b>

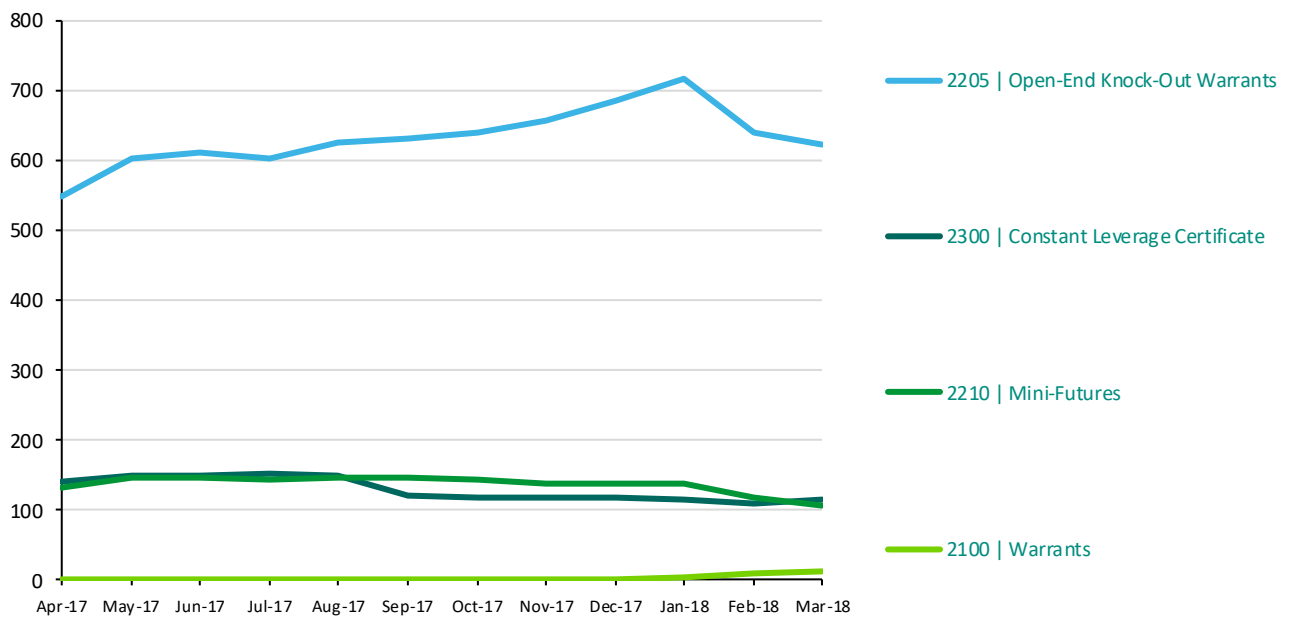
(Source Euronext)



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

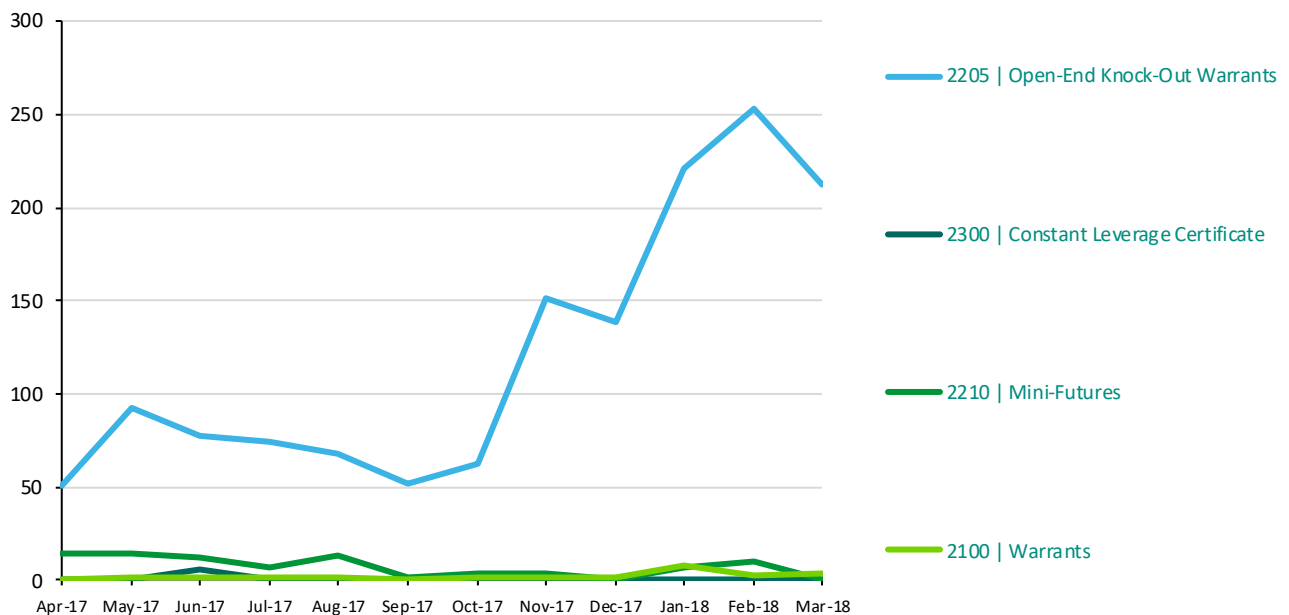
## Product Trend: Number of Live Products

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

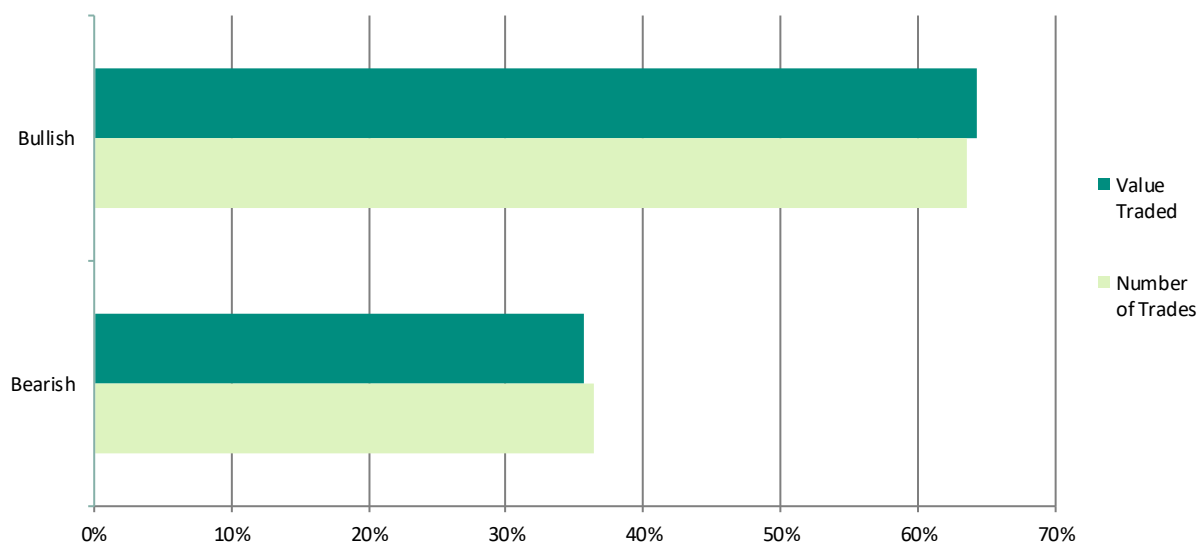
## Market Overview

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	330	5,7%	28%	64,3%	193	-10,6%	54%	63,7%
Bearish	183	-15,7%	61%	35,7%	110	-9,5%	93%	36,3%
Total	513	-3,1%	38,1%	100%	303	-10,2%	65,9%	100%

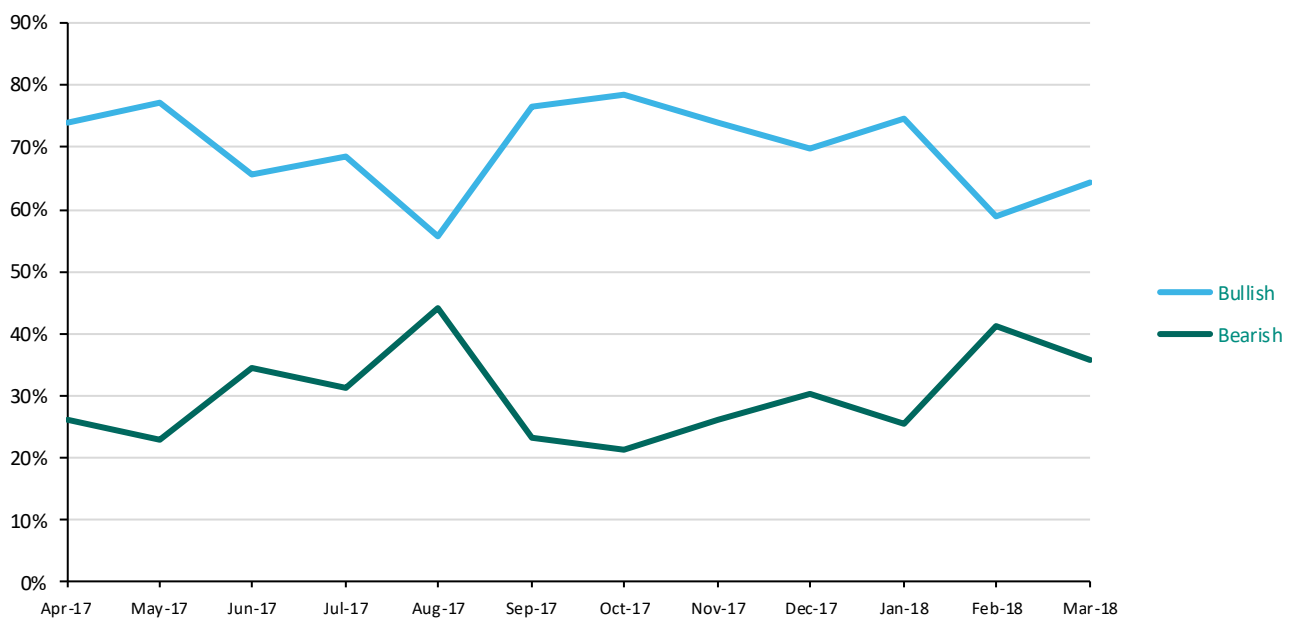
(Source Euronext)



# PRODUCT STRATEGIES

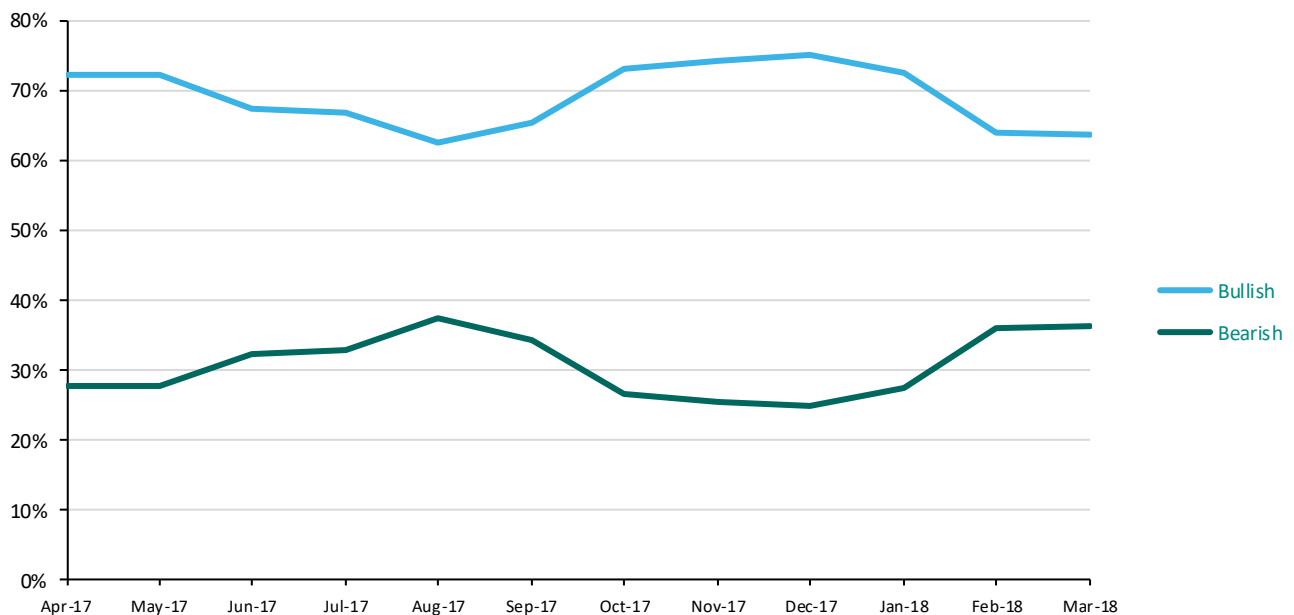
## Market Trend: Value traded

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

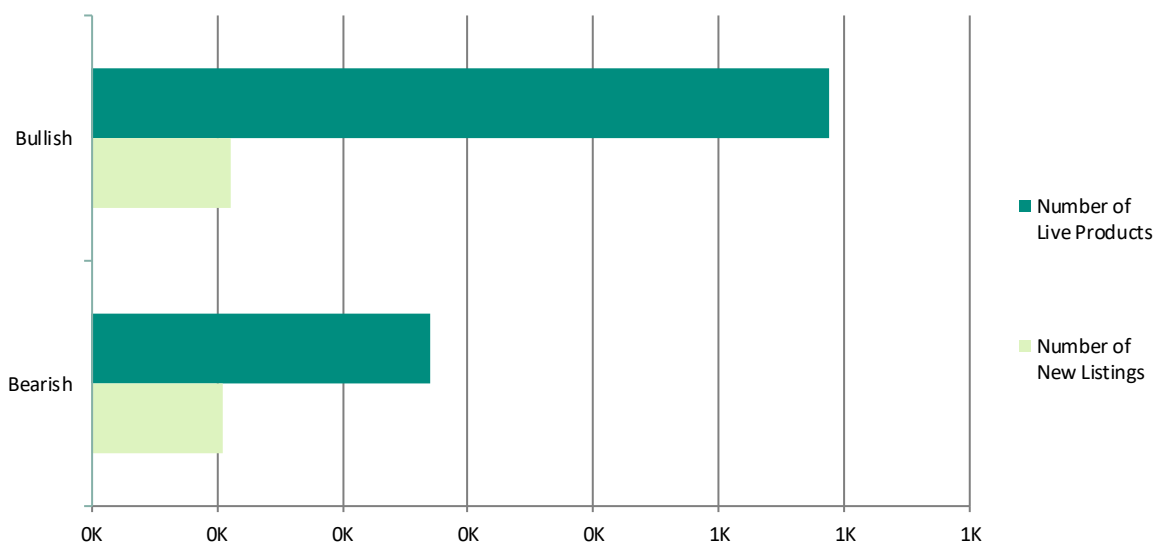
## Product Overview

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	589	-6,0%	-10,9%	68,6%	111	-24%	43%	51,4%
Bearish	270	6,8%	11,2%	31,4%	105	-11,8%	97%	48,6%
Total	858	-2,3%	-5,0%	100%	216	-18,8%	65,1%	100%

(Source Euronext)

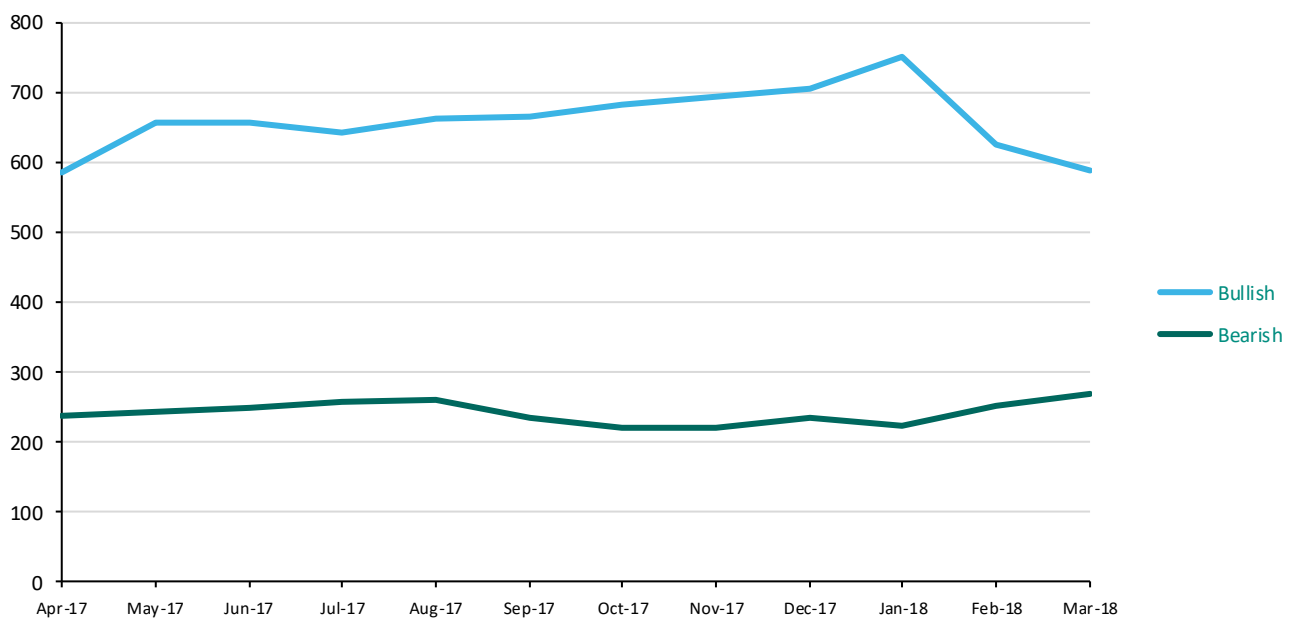




# PRODUCT STRATEGIES

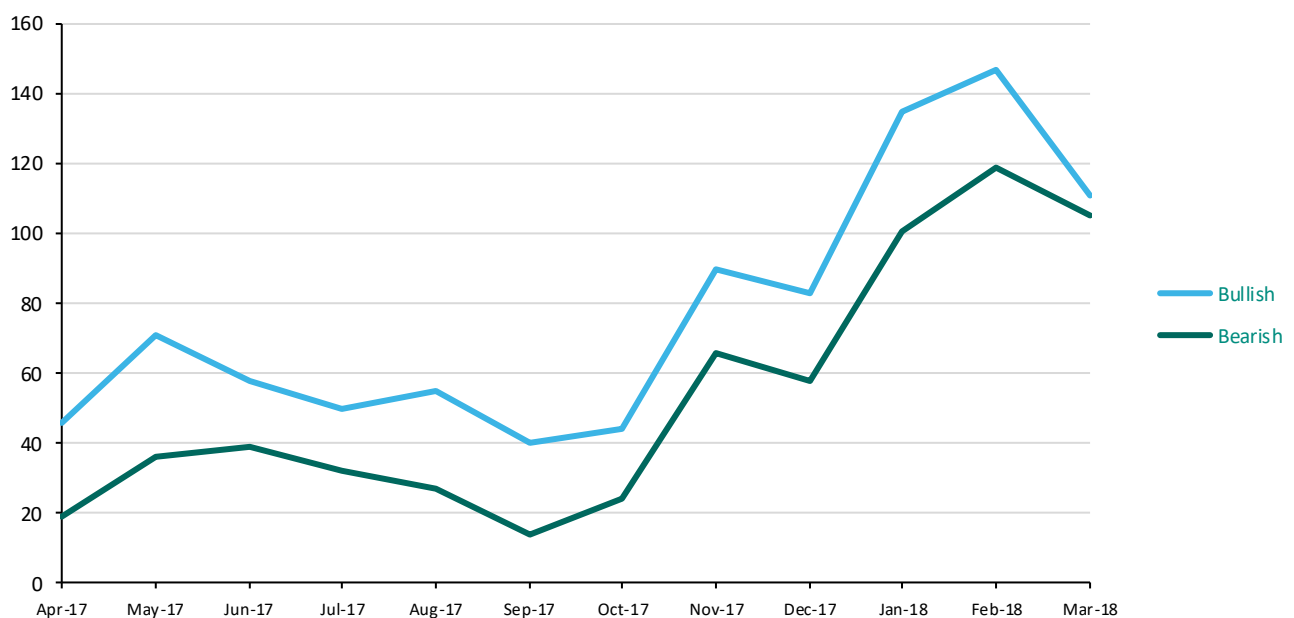
## Product Trend: Number of Live Products

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

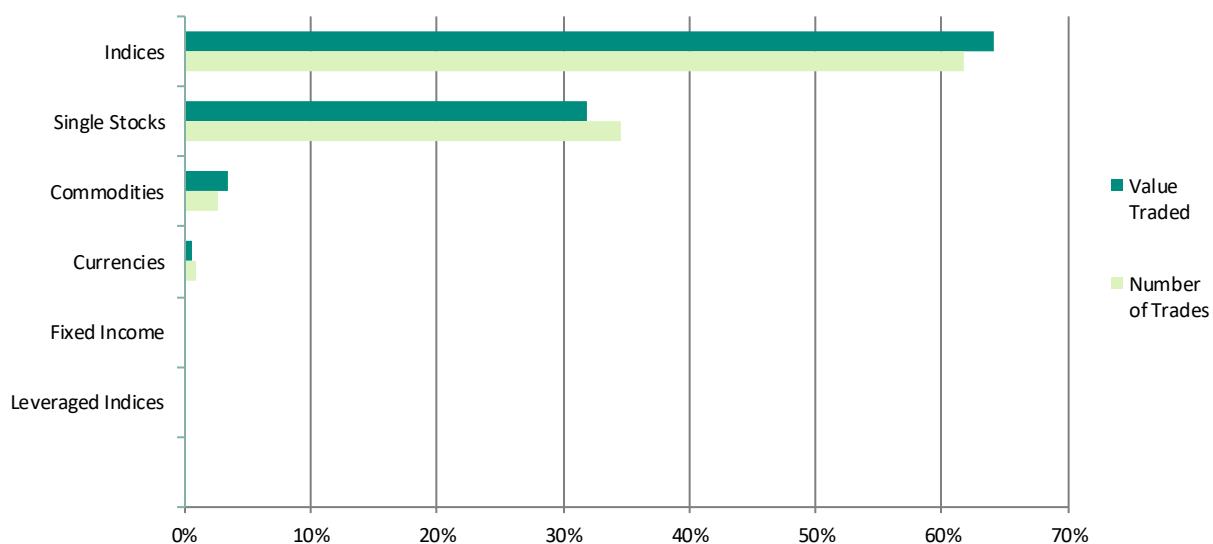
## Market Overview

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	330	3,7%	76%	64,2%	187	-1,0%	122%	61,7%
Single Stocks	163	-15,3%	14,2%	31,8%	105	-22%	32%	34,6%
Commodities	17	26%	16,4%	3,4%	8,2	11,2%	-18,6%	2,7%
Currencies	3	-39%	-89%	0,6%	2,7	-57%	-68%	0,9%
Fixed Income	0	95%	89%	0,0%	0,2	264%	144%	0,1%
Leveraged Indices	0		-100%	0,0%	0,0		-100%	0,0%
	0			0,0%	0,0			0,0%
<b>Total</b>	<b>513</b>	<b>-3,1%</b>	<b>38,1%</b>	<b>100%</b>	<b>303</b>	<b>-10,2%</b>	<b>65,9%</b>	<b>100%</b>

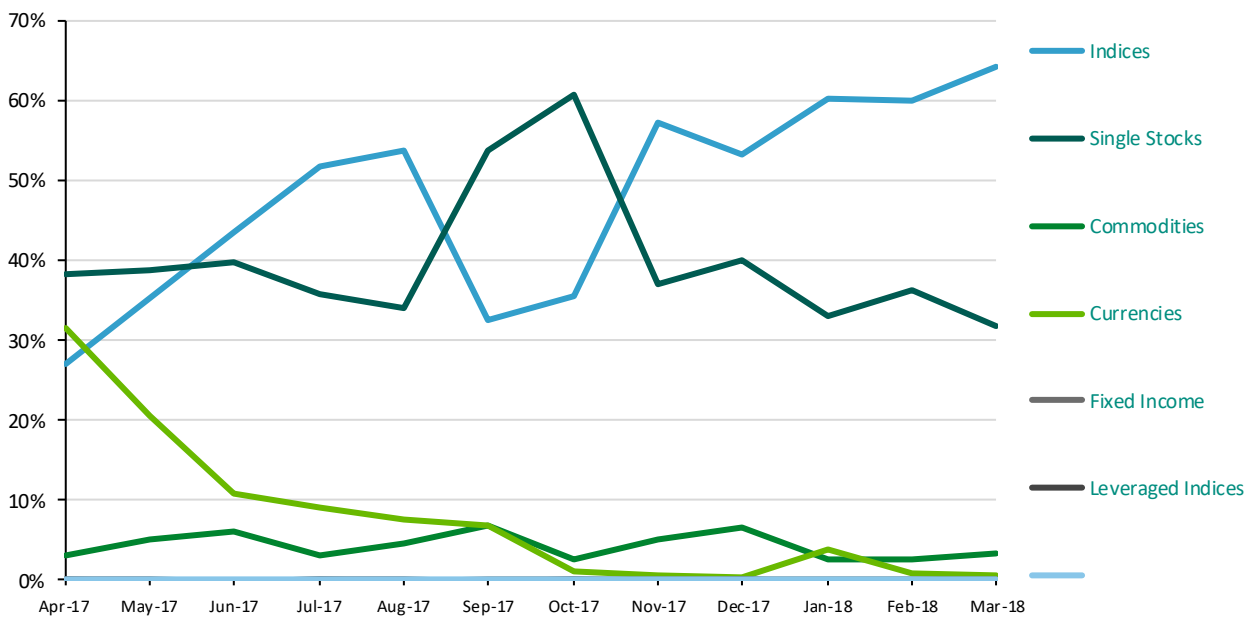
(Source Euronext)



# UNDERLYING TYPES

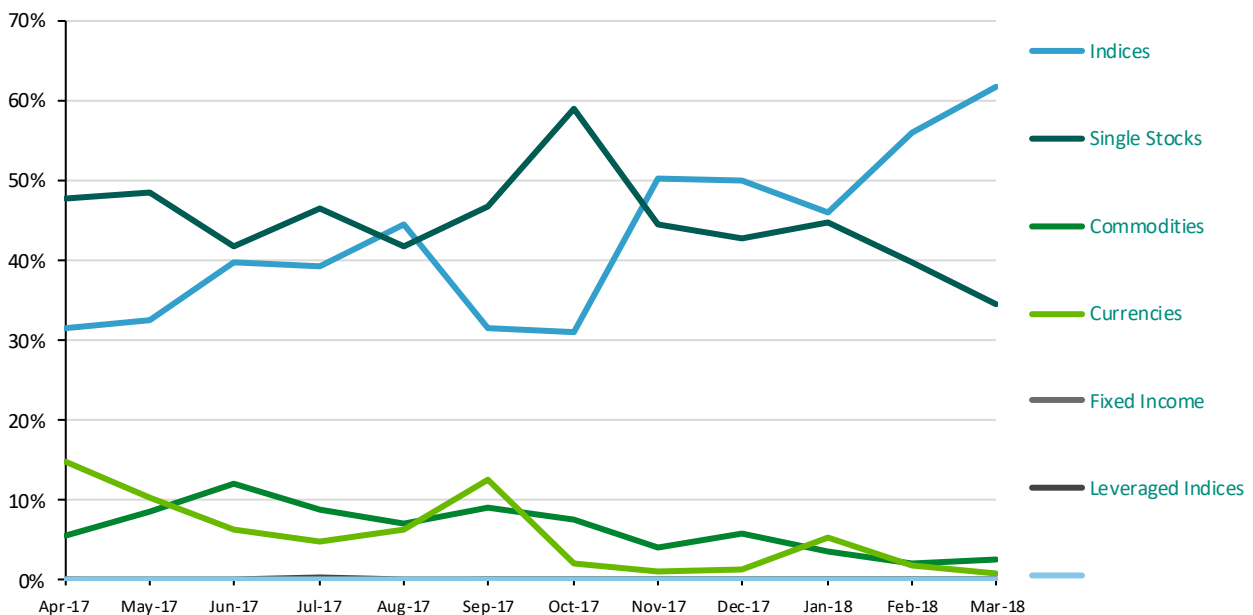
## Market Trend: Value traded

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

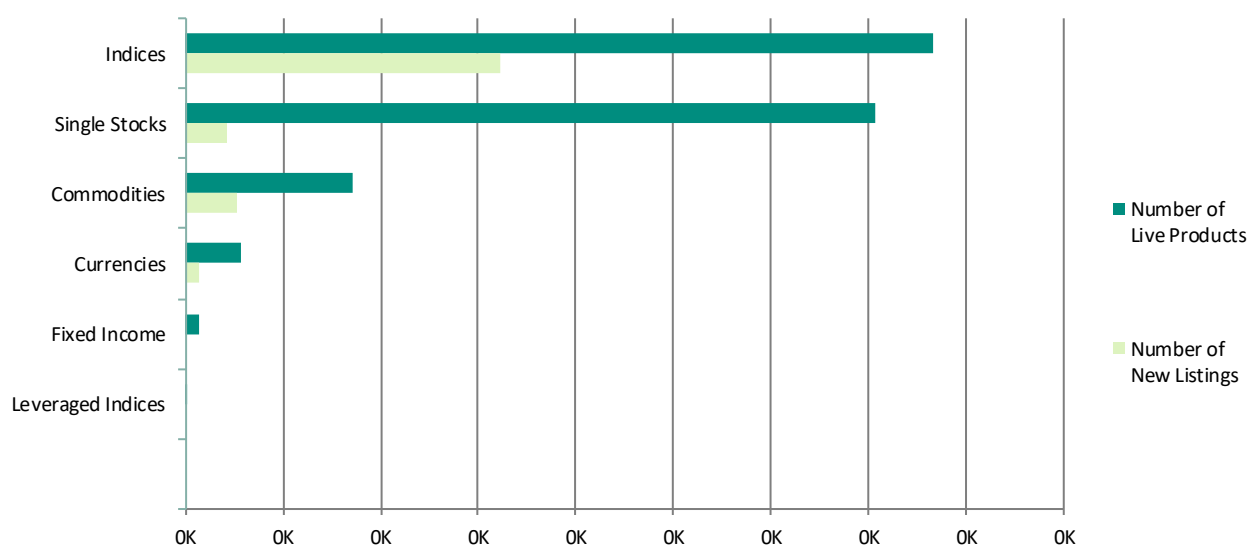
### Product Overview

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	383	-5,5%	-3,5%	44,6%	161	-18,7%	99%	74,5%
Single Stocks	354	-0,4%	-6,6%	41,2%	21	-57%	-37%	9,7%
Commodities	85	4,6%	6,5%	9,9%	26	86%	103%	12,0%
Currencies	28	-2,3%	-16,3%	3,3%	7	75%	121%	3,2%
Fixed Income	7	5,3%	2,8%	0,8%	0			0,0%
Leveraged Indices	1	5,3%	-84%	0,1%	0			0,0%
	0			0,0%	0			0,0%
<b>Total</b>	<b>858</b>	<b>-2,3%</b>	<b>-5,0%</b>	<b>100%</b>	<b>216</b>	<b>-18,8%</b>	<b>65,1%</b>	<b>100%</b>

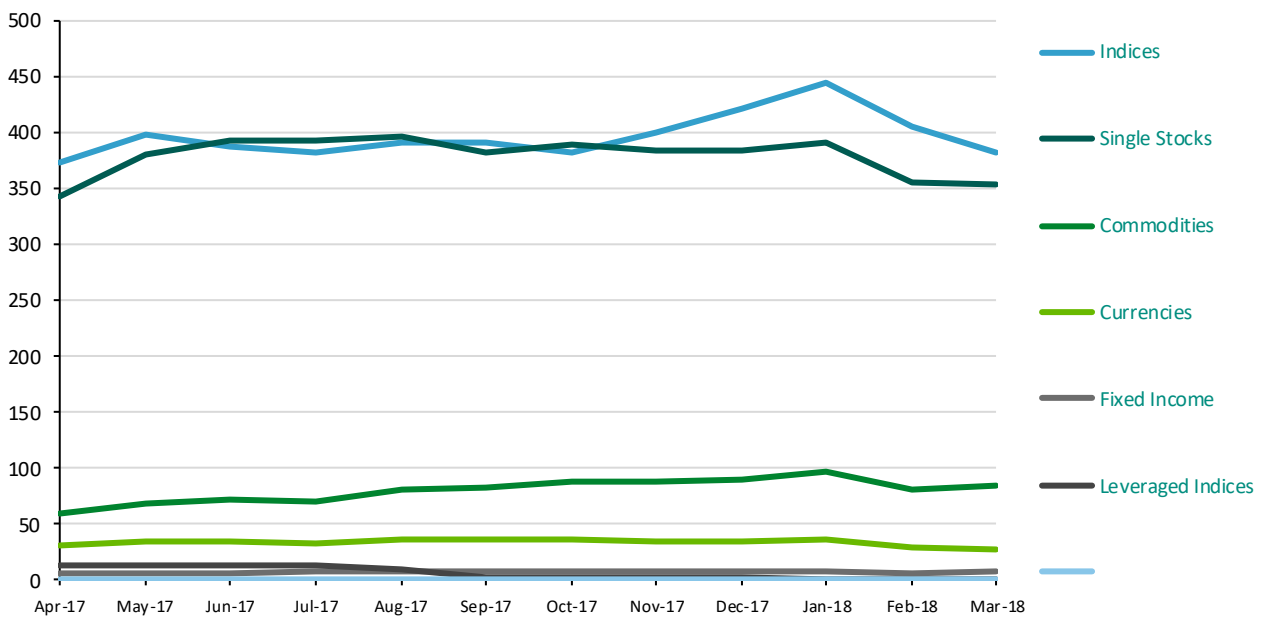
(Source Euronext)



# UNDERLYING TYPES

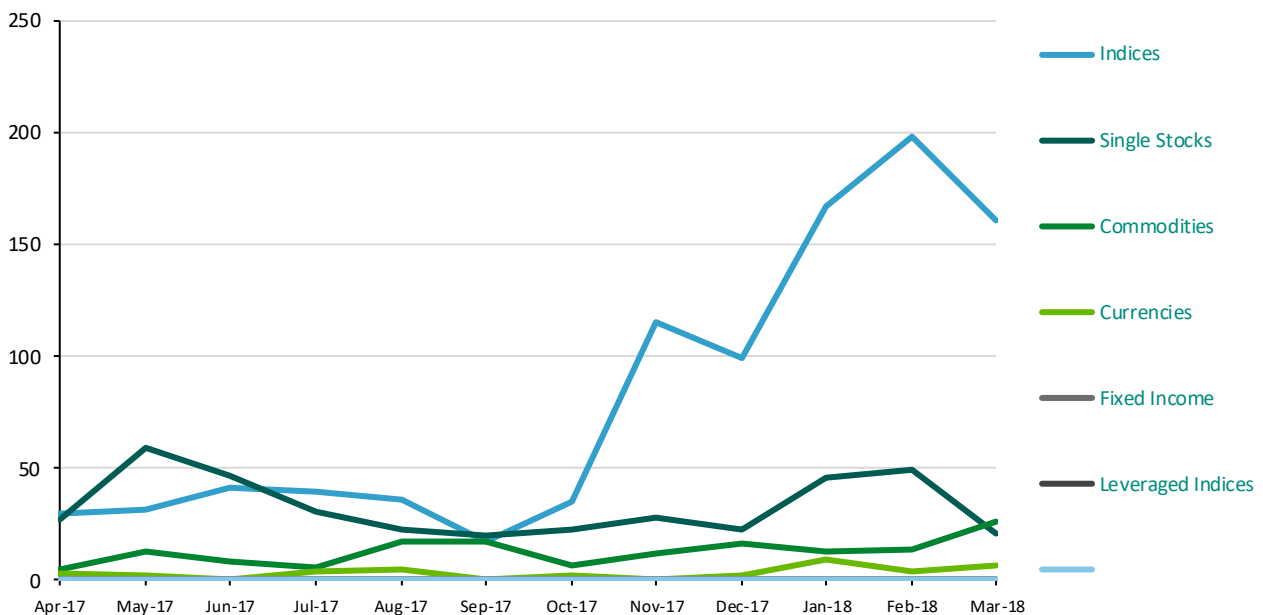
## Product Trend: Number of Live Products

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

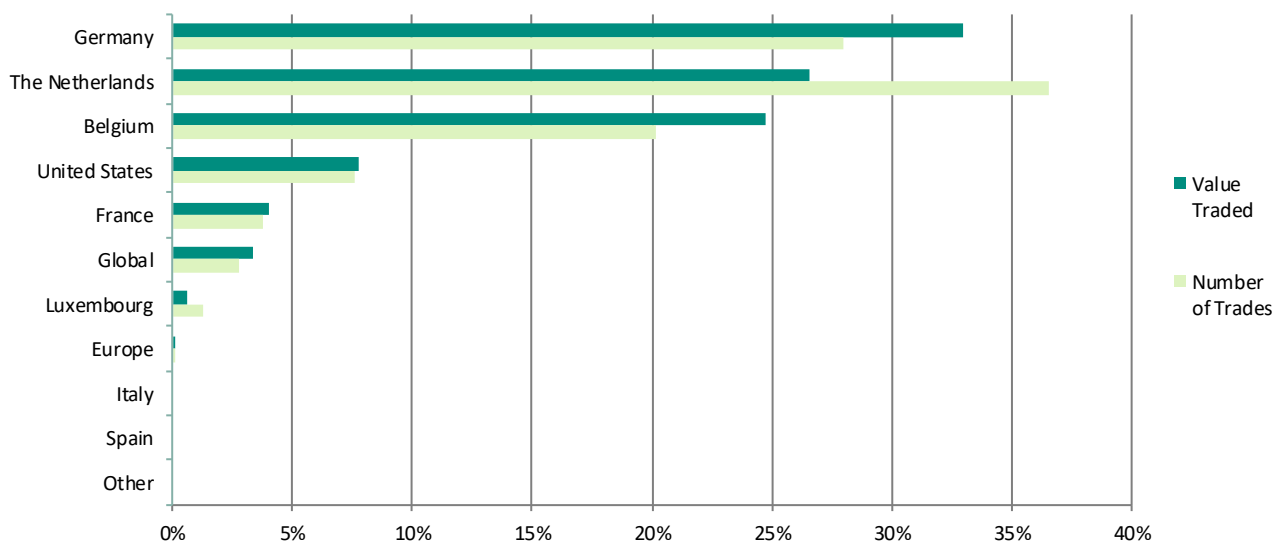
## Market Overview

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	169	18,7%	72%	33,0%	85	25%	124%	28,0%
The Netherlands	136	19,9%	93%	26,6%	111	36%	150%	36,5%
Belgium	127	-25%	8,1%	24,7%	61	-48%	-1,9%	20,2%
United States	40	-31%	-8,6%	7,8%	23	-52%	27%	7,6%
France	21	-10,3%	0,4%	4,0%	11	-12,6%	73%	3,7%
Global	17	15,8%	11,6%	3,4%	8,2	4,8%	-20%	2,7%
Luxembourg	3	-62%	-43%	0,6%	3,8	24%	22%	1,2%
Europe	0	NA	176%	0,0%	0,1	-9,1%	93%	0,0%
Italy	0	-100%	-100%	0,0%	0,0	-100%	-100%	0,0%
Spain	0	-100%	-100%	0,0%	0,0	-100%	-100%	0,0%
Other	0		-100%	0,0%	0,0		-100%	0,0%
<b>Total</b>	<b>513</b>	<b>-3,1%</b>	<b>38,1%</b>	<b>100%</b>	<b>303</b>	<b>-10,2%</b>	<b>65,9%</b>	<b>100%</b>

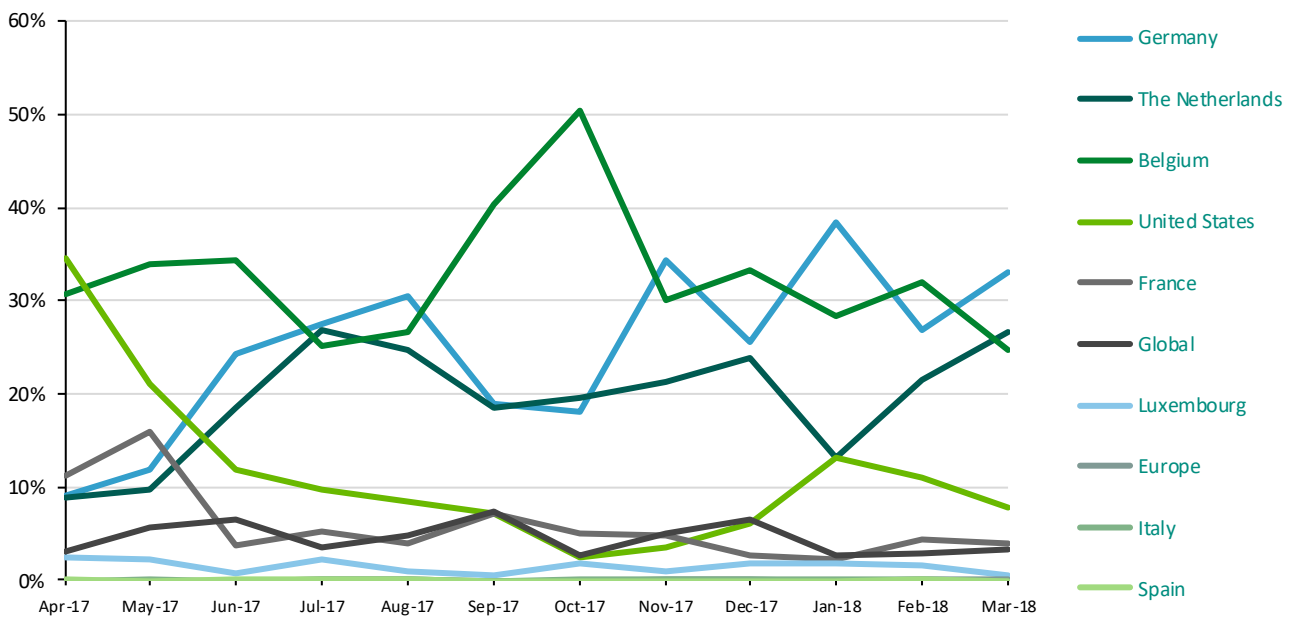
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

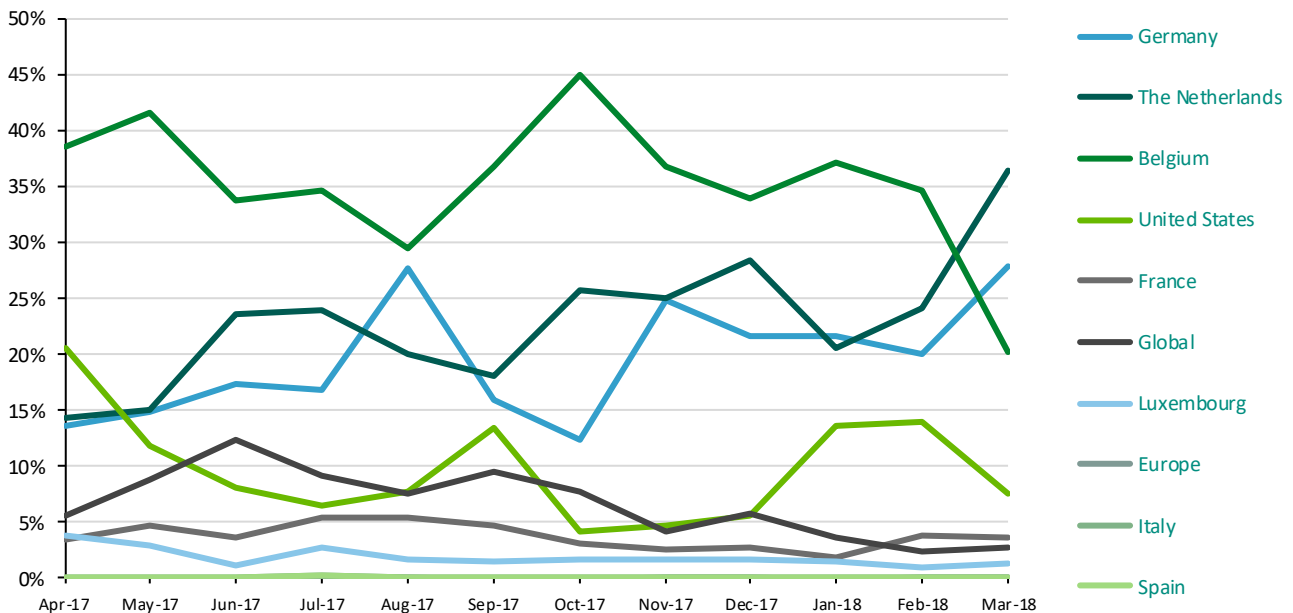
## Market Trend: Value traded

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

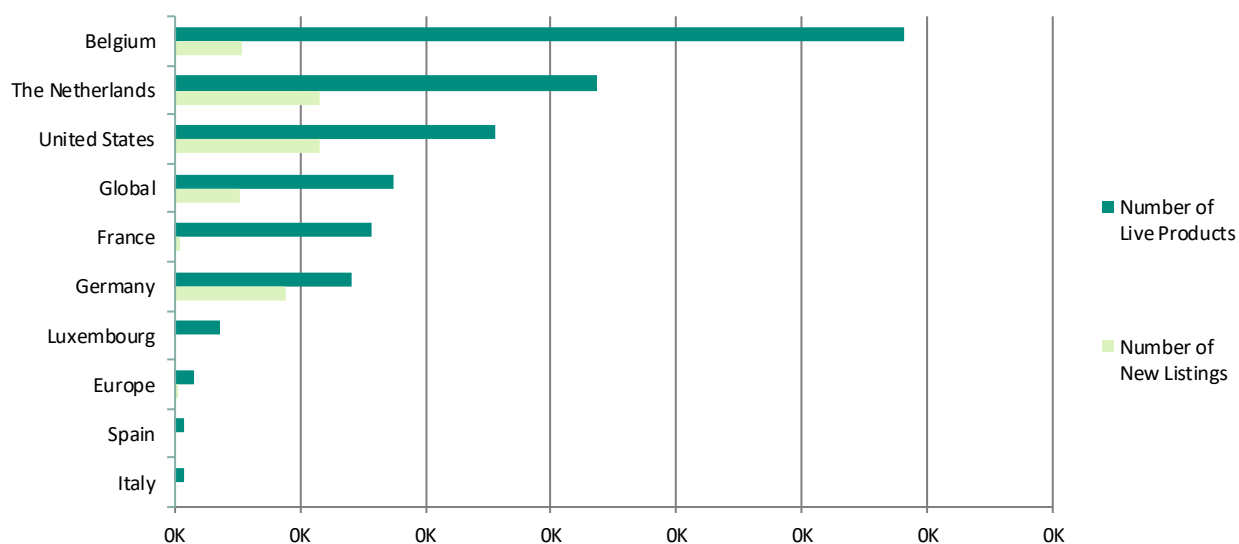
## Product Overview

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	291	1,9%	-1,8%	33,9%	27	-51%	-11,0%	12,5%
The Netherlands	168	-7,1%	-12,6%	19,6%	58	-28%	73%	26,9%
United States	128	4,0%	30%	14,9%	58	-19,4%	149%	26,9%
Global	87	4,6%	5,3%	10,2%	26	86%	103%	12,0%
France	78	-0,7%	-10,7%	9,1%	2	0,0%	-40%	0,9%
Germany	71	-18,9%	-24%	8,2%	44	12,8%	95%	20,4%
Luxembourg	18	-24%	-40%	2,1%	0	-100%	-100%	0,0%
Europe	8	5,3%	-14,8%	0,9%	1	0,0%	20,0%	0,5%
Spain	4	5,3%	-0,6%	0,5%	0			0,0%
Italy	4	5,3%	-16,4%	0,5%	0			0,0%
Other	1	5,3%	-76%	0,1%	0			0,0%
<b>Total</b>	<b>858</b>	<b>-2,3%</b>	<b>-5,0%</b>	<b>100%</b>	<b>216</b>	<b>-18,8%</b>	<b>65,1%</b>	<b>100%</b>

(Source Euronext)

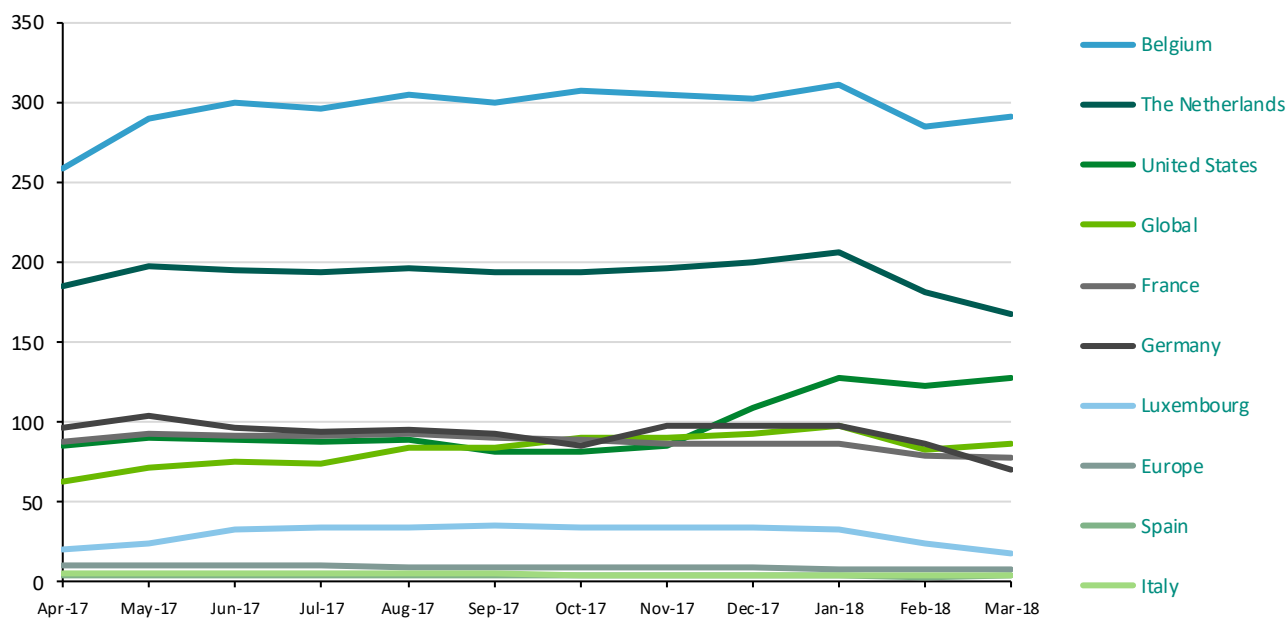




# TOP 10 UNDERLYING COUNTRIES

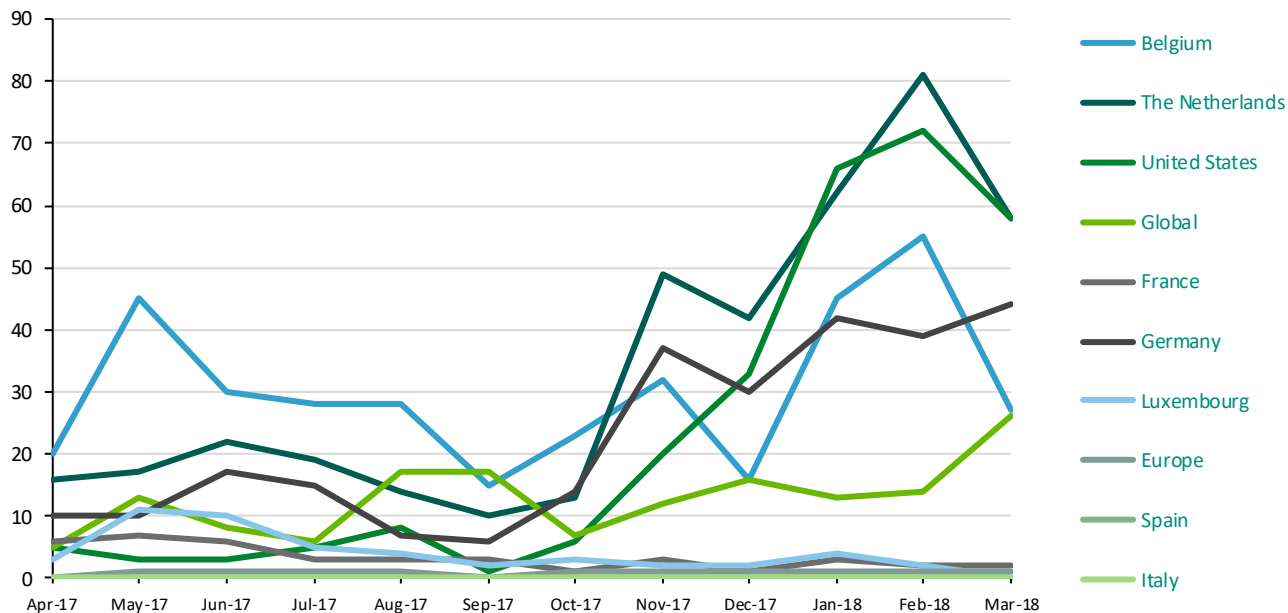
## Product Trend: Number of Live Products

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

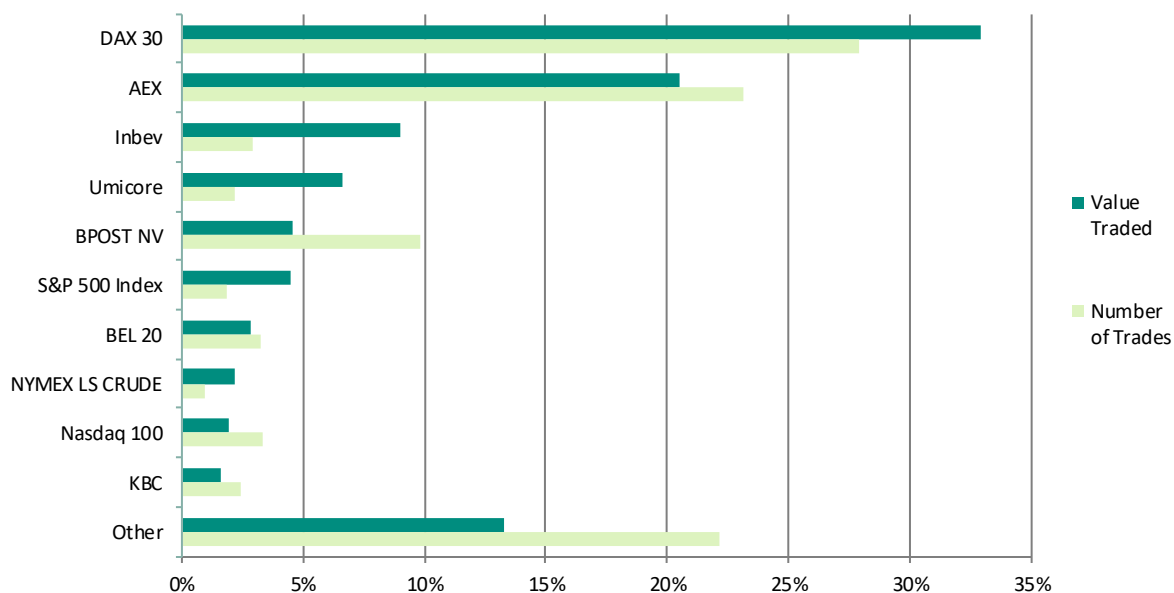
## Market Overview

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	169	18,7%	72%	33,0%	85	25%	124%	28,0%
AEX	105	19,9%	101%	20,6%	70	26%	150%	23,2%
Inbev	46	83%	18,2%	9,0%	8,8	-40%	-21%	2,9%
Umicore	34	-4,9%	137%	6,6%	6,5	-52%	27%	2,2%
BPOST NV	23	NA	644%	4,5%	30	NA	711%	9,9%
S&P 500 Index	23	96%	270%	4,4%	5,6	-37%	47%	1,8%
BEL 20	14	-51%	36%	2,8%	9,9	-51%	39%	3,3%
NYMEX LS CRUDE	11	418%	278%	2,2%	2,7	173%	162%	0,9%
Nasdaq 100	10	-67%	35%	1,9%	10	-48%	182%	3,4%
KBC	8	-51%	-35%	1,6%	7,3	-41%	-7,3%	2,4%
Other	68	-54%	-45%	13,3%	67	-45%	-8,4%	22,2%
<b>Total</b>	<b>513</b>	<b>-3,1%</b>	<b>38,1%</b>	<b>100%</b>	<b>303</b>	<b>-10,2%</b>	<b>65,9%</b>	<b>100%</b>

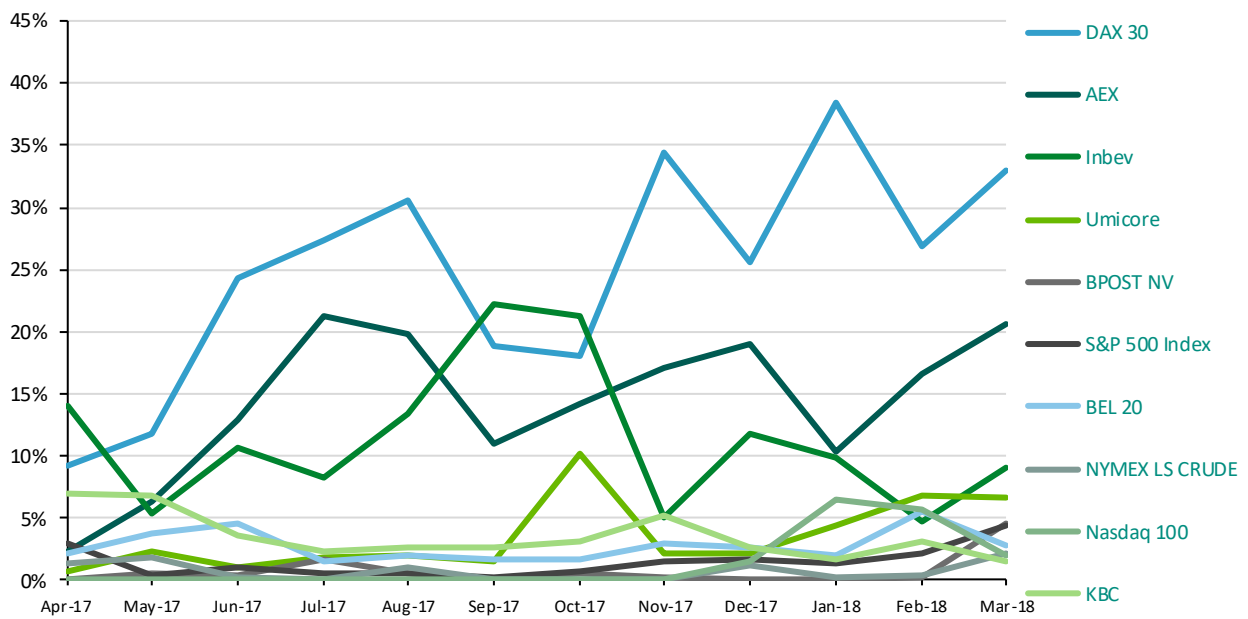
(Source Euronext)



# TOP 10 UNDERLYINGS

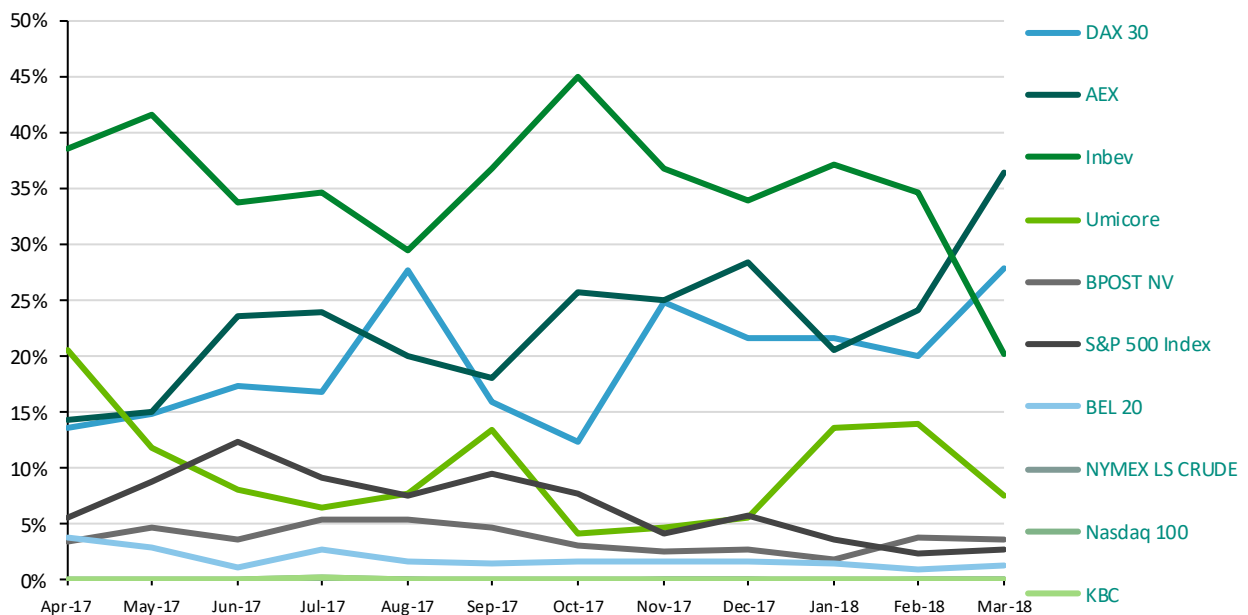
## Market Trend: Value traded

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

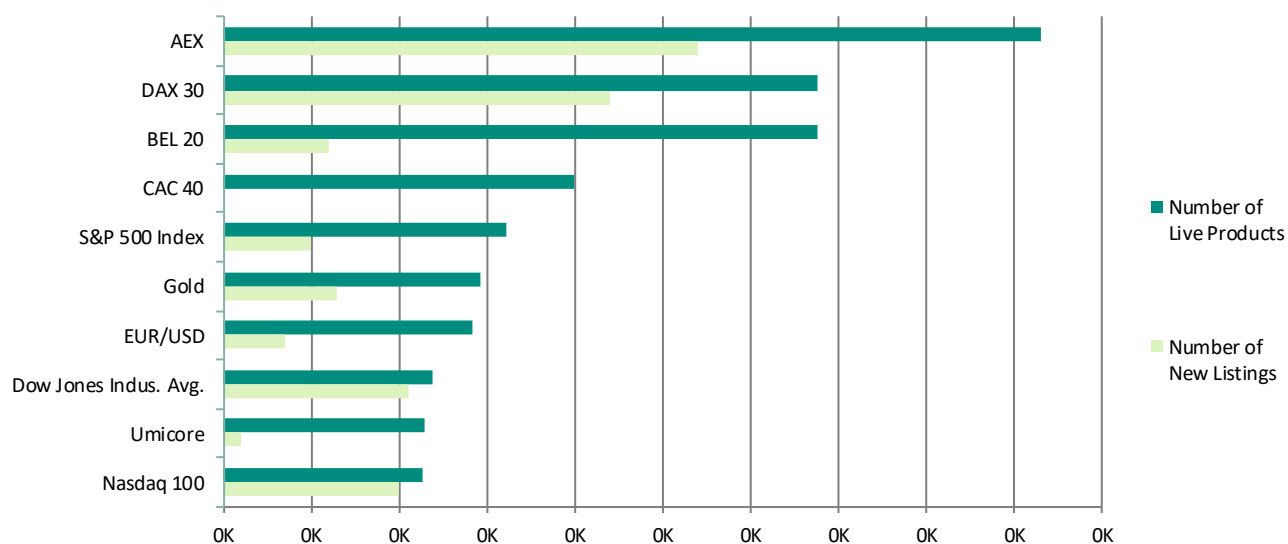
## Product Overview

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	93	-12,0%	-24%	10,9%	54	-18,2%	112%	25,0%
DAX 30	68	-19,7%	-25%	7,9%	44	12,8%	95%	20,4%
BEL 20	68	2,0%	14,8%	7,9%	12	-52%	0,7%	5,6%
CAC 40	40	-1,7%	-15,0%	4,7%	0		-100%	0,0%
S&P 500 Index	32	6,3%	14,0%	3,7%	10	-16,7%	111%	4,6%
Gold	29	26%	22%	3,4%	13	160%	280%	6,0%
EUR/USD	28	-2,3%	-16,3%	3,3%	7	75%	121%	3,2%
Dow Jones Indus. Avg.	24	12,0%	263%	2,8%	21	-22%	190%	9,7%
Umicore	23	4,8%	18,7%	2,7%	2	-75%	-35%	0,9%
Nasdaq 100	23	0,5%	279%	2,7%	20	-31%	145%	9,3%
Other	431	-0,6%	-7,8%	50,2%	33	-35%	-18,0%	15,3%
<b>Total</b>	<b>858</b>	<b>-2,3%</b>	<b>-5,0%</b>	<b>100%</b>	<b>216</b>	<b>-18,8%</b>	<b>65,1%</b>	<b>100%</b>

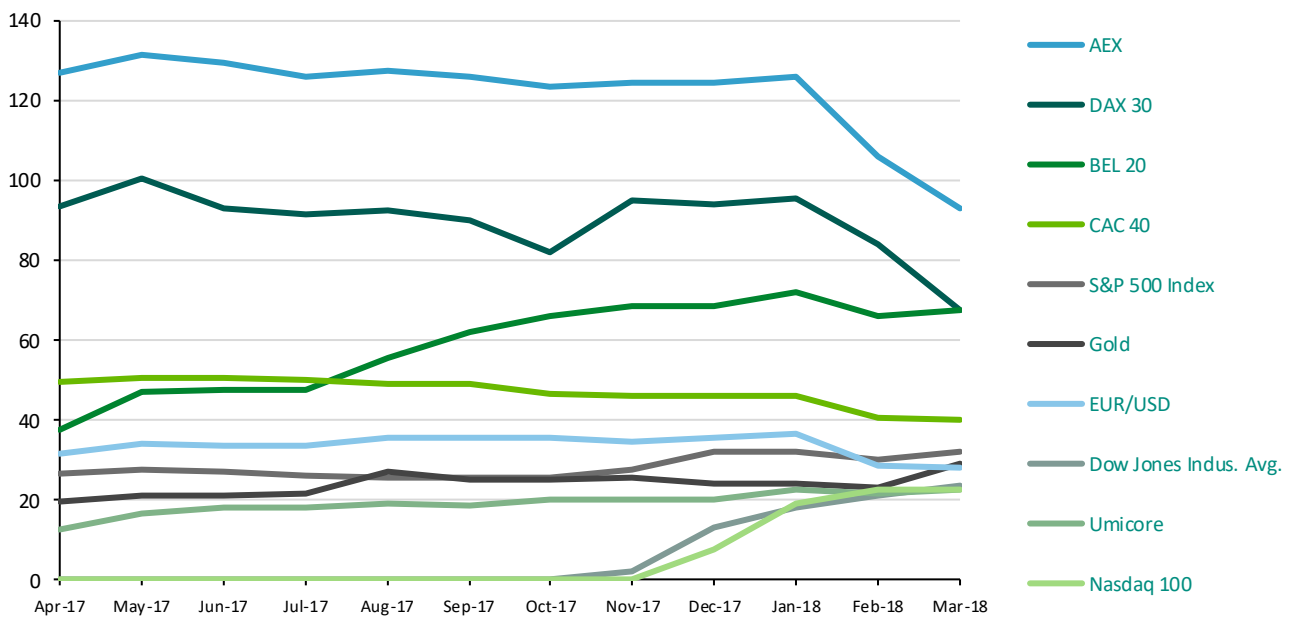
(Source Euronext)



# TOP 10 UNDERLYINGS

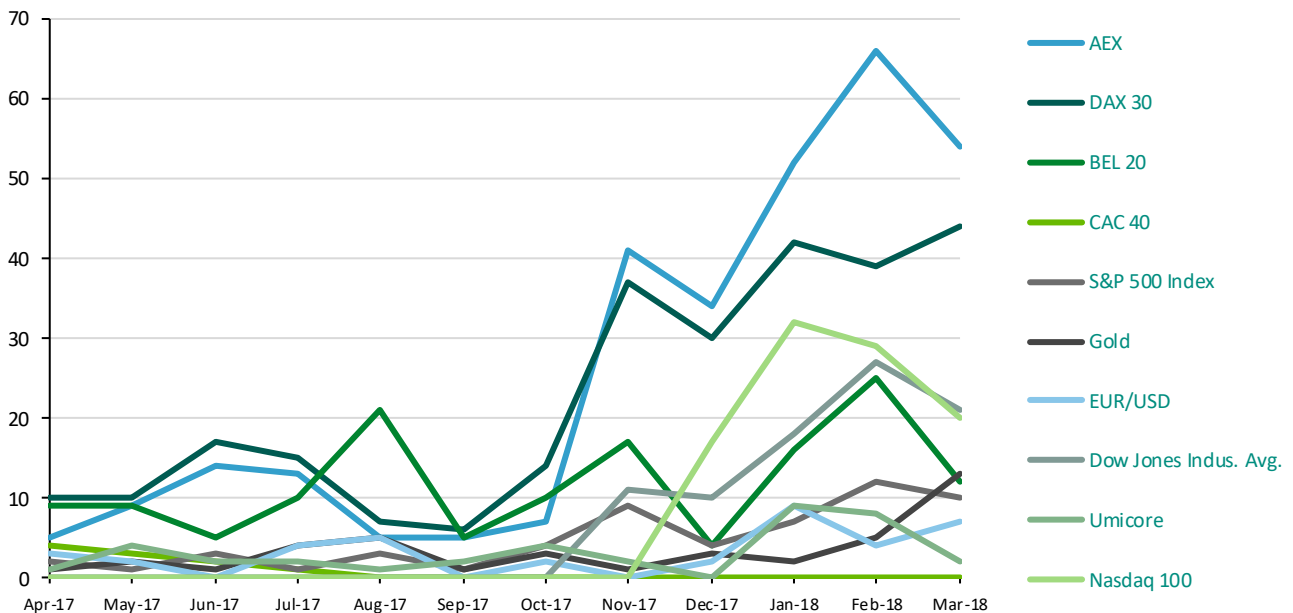
## Product Trend: Number of Live Products

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
DE000CE72FP9	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	902	252
DE000CE72EZ1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	736	188
DE000CE72DW0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	694	266
DE000CE71WH3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	544	112
DE000CE72F91	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	512	332
DE000CE72FK0	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	506	64
DE000CE72N34	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	457	154
DE000CE72GD3	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	441	90
DE000CE72F26	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	340	64
DE000CE72GN2	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	309	110
DE000CROJRM6	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	283	186
DE000CE72JL0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	281	226
DE000CE72JK2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	268	160
DE000CN90XT7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	267	206
DE000CN90R37	Commerzbank	2205	Open-End Knock-Out Warrants	Telenet	259	102
DE000CE72889	Commerzbank	2205	Open-End Knock-Out Warrants	Arcelormittal	257	34
DE000CE71Y24	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	251	122
DE000CE72K45	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	244	142
DE000CN90RS1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	242	36
DE000CE72JM8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	239	146
DE000CE727S3	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	225	68
DE000CN1WFT1	Commerzbank	2205	Open-End Knock-Out Warrants	BNP Paribas	222	46
DE000CE71XL3	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	204	30
DE000CE71QF9	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	191	78
DE000CE72LL6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	190	194
DE000CE72FN4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	190	46
DE000CN90U08	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	189	78
DE000CE72FD5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	188	138
DE000CN90V23	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	182	126
DE000CE71VR4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	179	108
DE000CN90X70	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	177	160
LU1493081217	Société Générale	2205	Open-End Knock-Out Warrants	Inbev	176	20
DE000CE72LW3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	173	180
DE000CE72FA1	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	169	102
DE000CE726A3	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	158	90
DE000CE72665	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	157	42
DE000CN90ZV8	Commerzbank	2205	Open-End Knock-Out Warrants	Telenet	141	114
DE000CN90LH7	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	139	54
DE000CN8ZRX6	Commerzbank	2205	Open-End Knock-Out Warrants	Bekaert	137	80
DE000CN90NS0	Commerzbank	2205	Open-End Knock-Out Warrants	Total	132	72
DE000CROKZ51	Commerzbank	2205	Open-End Knock-Out Warrants	Delhaize	126	28
DE000CN914M9	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	124	114
DE000CE72137	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	123	44
DE000CN914N7	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	121	48
DE000CE71R98	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	117	66
DE000CN90RP7	Commerzbank	2210	Mini-Futures	DAX 30	116	16
DE000CE72FL8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	113	208
DE000CE72541	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	111	124
DE000CE72H32	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	109	28
DE000CE71VF9	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	108	14

(Source Euronext)



Euronext Lisbon

# ISSUERS

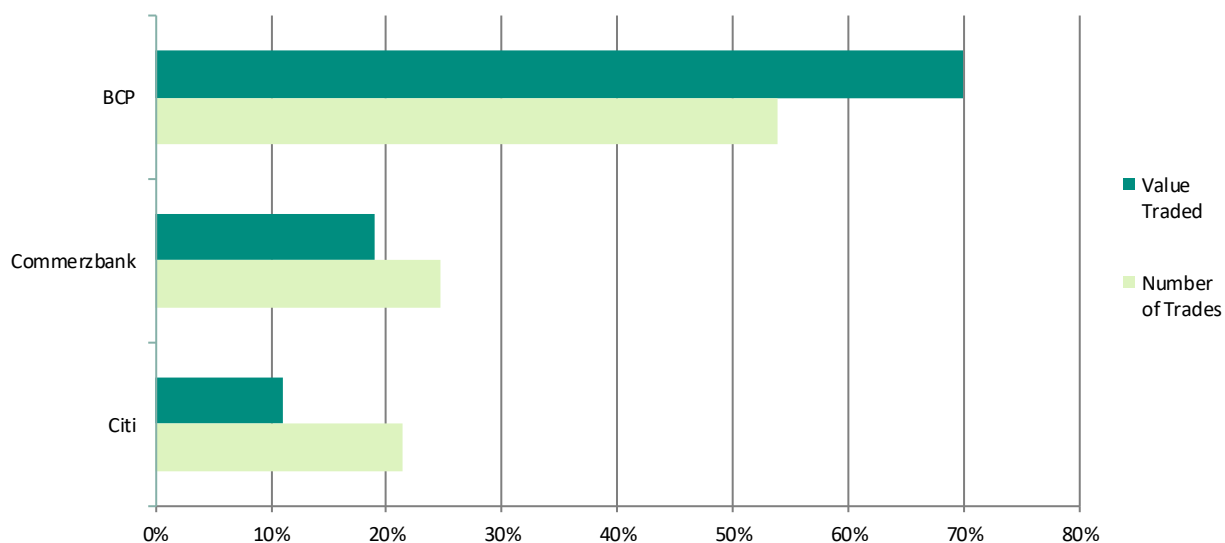
## Market Overview

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	1 834	-25%	-43%	70,0%	179	-30,6%	-46,4%	53,9%
Commerzbank	497	129%	5,3%	19,0%	82	5,4%	-6,4%	24,7%
Citi	290	16,8%	-33%	11,1%	71	20,0%	14,9%	21,4%
Total	2 621	-10,0%	-36,2%	100%	333	-16,0%	-31,3%	100%

(Source Euronext)

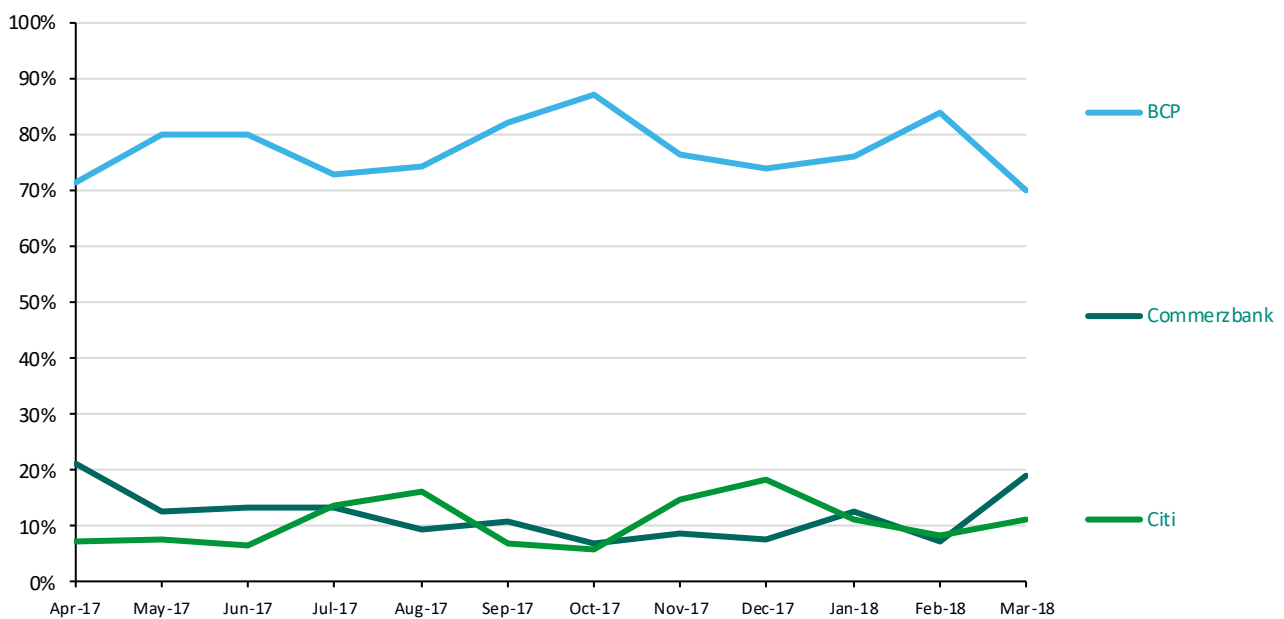




# ISSUERS

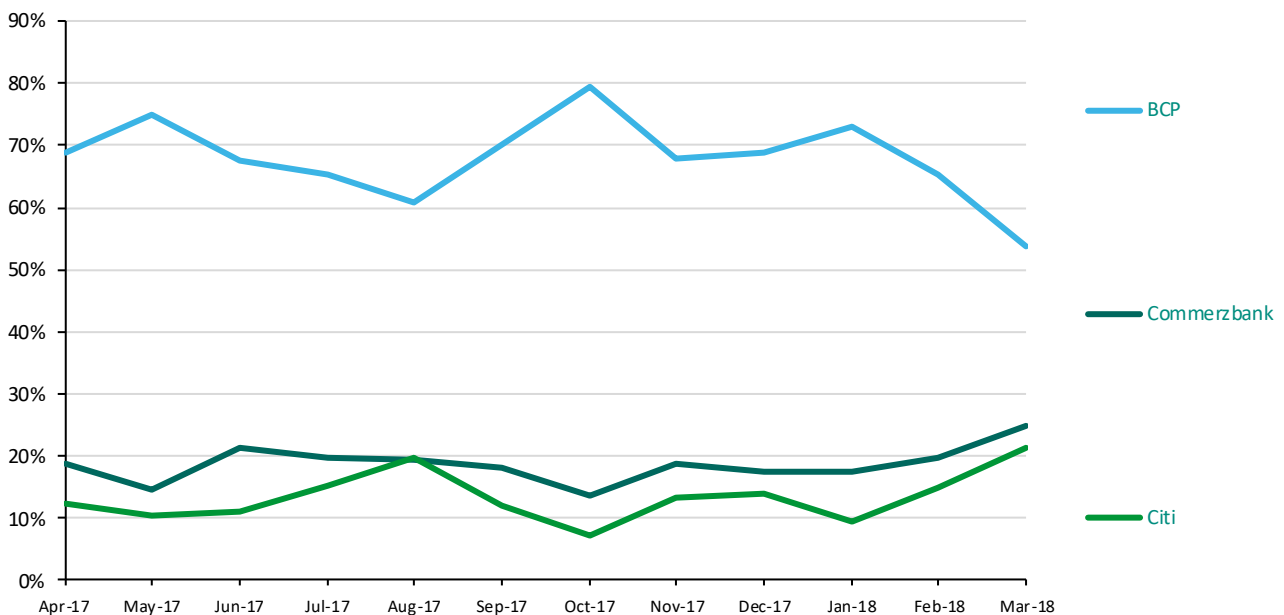
## Market Trend: Value traded

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

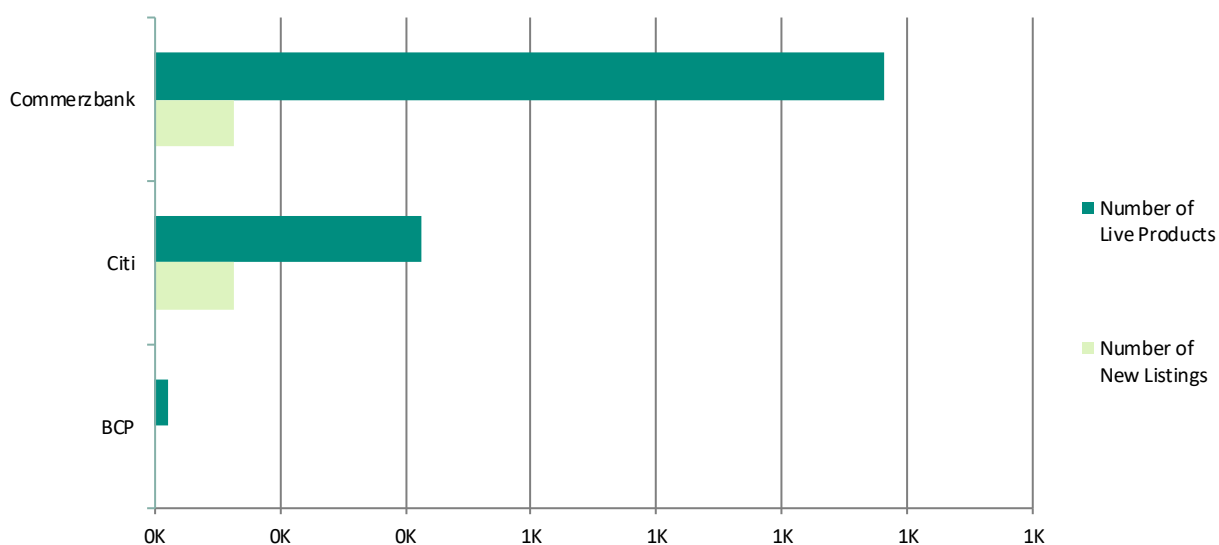
## Product Overview

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	1 164	-2,7%	-8,7%	72,2%	128	-20%	-45%	50,2%
Citi	425	12,9%	28%	26,4%	127	-26%	10,4%	49,8%
BCP	23	5,5%	0,3%	1,4%	0		-100%	0,0%
Total	1 612	1,1%	-1,1%	100%	255	-23,2%	-26,3%	100%

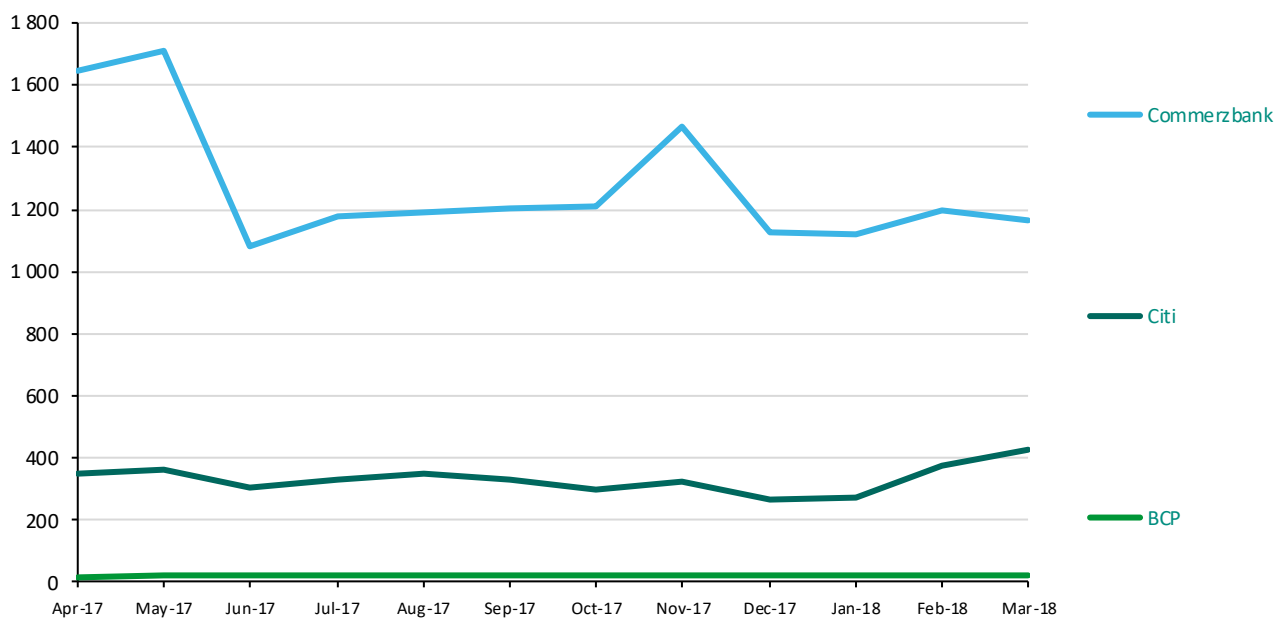
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# ISSUERS

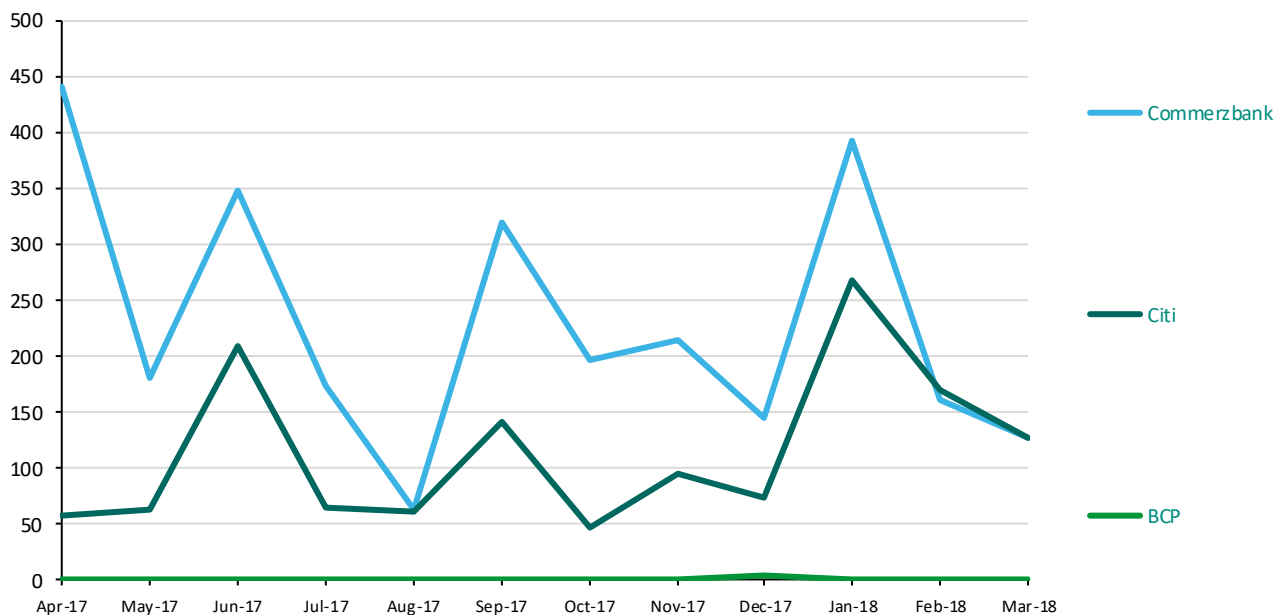
## Product Trend: Number of Live Products

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)

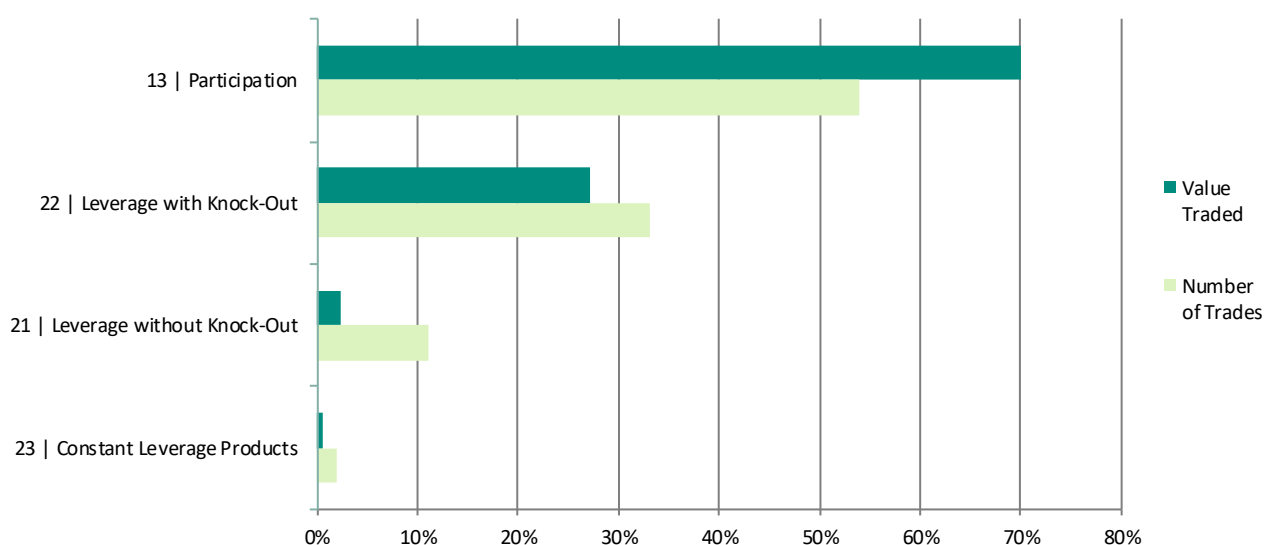
## Market Overview

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	1 834	-25%	-43%	70,0%	179	-31%	-46%	53,9%
22   Leverage with Knock-Out	712	131%	-2,9%	27,1%	110	30%	-1,8%	33,1%
21   Leverage without Knock-Out	63	-52%	-52%	2,4%	37	-19,0%	18,0%	11,1%
23   Constant Leverage Products	12	-52%	-70%	0,5%	6,1	-11,7%	-1,6%	1,8%
<b>Total</b>	<b>2 621</b>	<b>-10,0%</b>	<b>-36,2%</b>	<b>100%</b>	<b>333</b>	<b>-16,0%</b>	<b>-31,3%</b>	<b>100%</b>

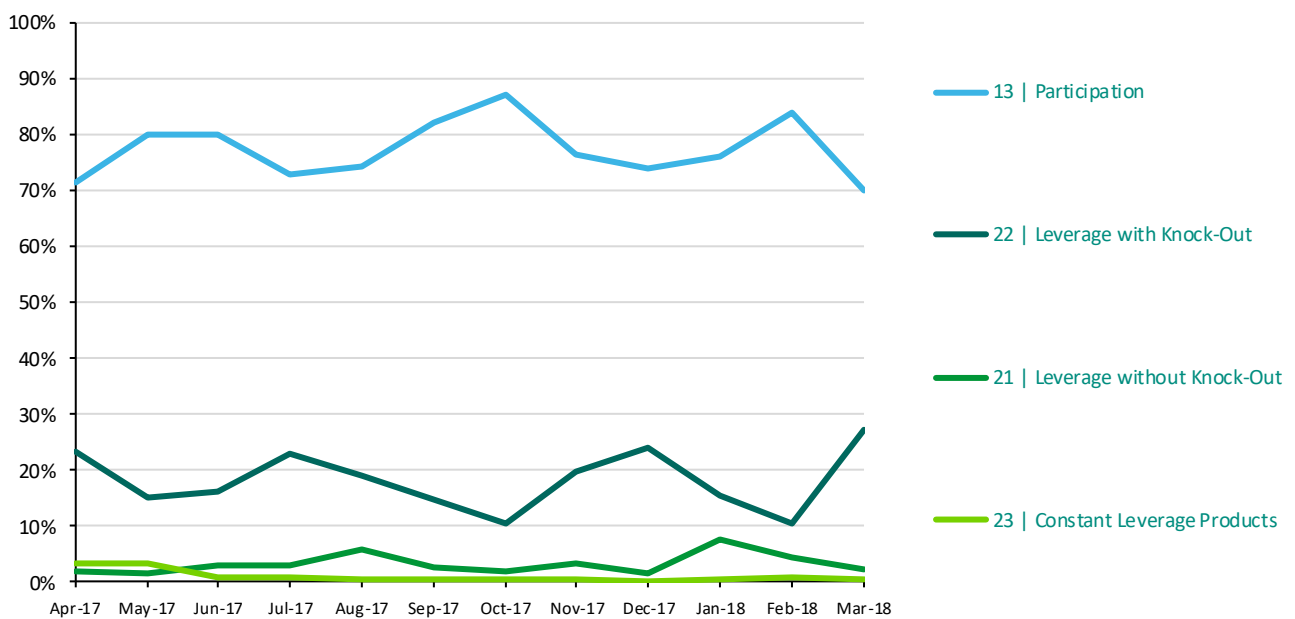
(Source Euronext)



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

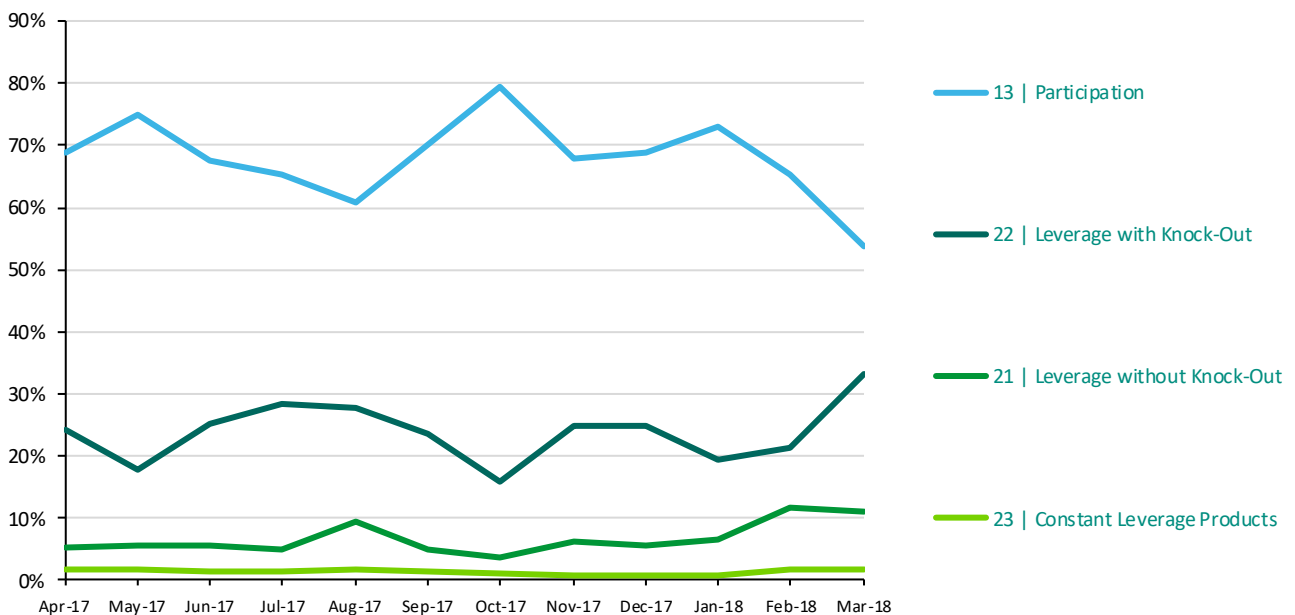
## Market Trend: Value traded

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

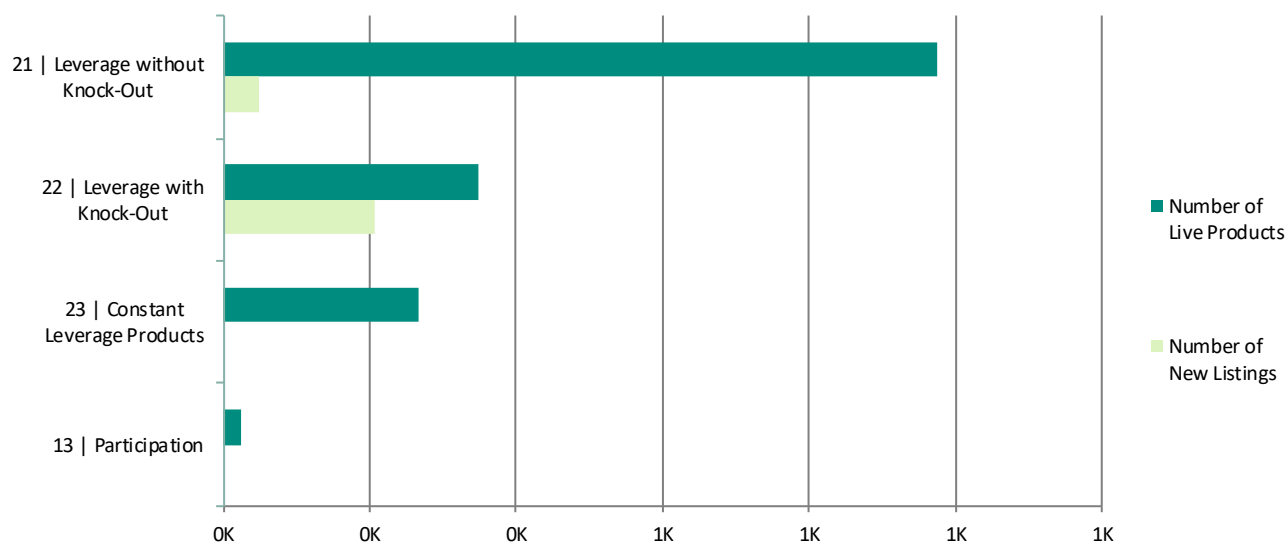
### Product Overview

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	976	0,5%	10,1%	60,6%	49	40%	-66%	19,2%
22   Leverage with Knock-Out	347	-0,5%	-22%	21,5%	206	-31%	2,3%	80,8%
23   Constant Leverage Products	266	5,3%	-3,2%	16,5%	0			0,0%
13   Participation	23	5,5%	0,3%	1,4%	0		-100%	0,0%
<b>Total</b>	<b>1 612</b>	<b>1,1%</b>	<b>-1,1%</b>	<b>100%</b>	<b>255</b>	<b>-23,2%</b>	<b>-26,3%</b>	<b>100%</b>

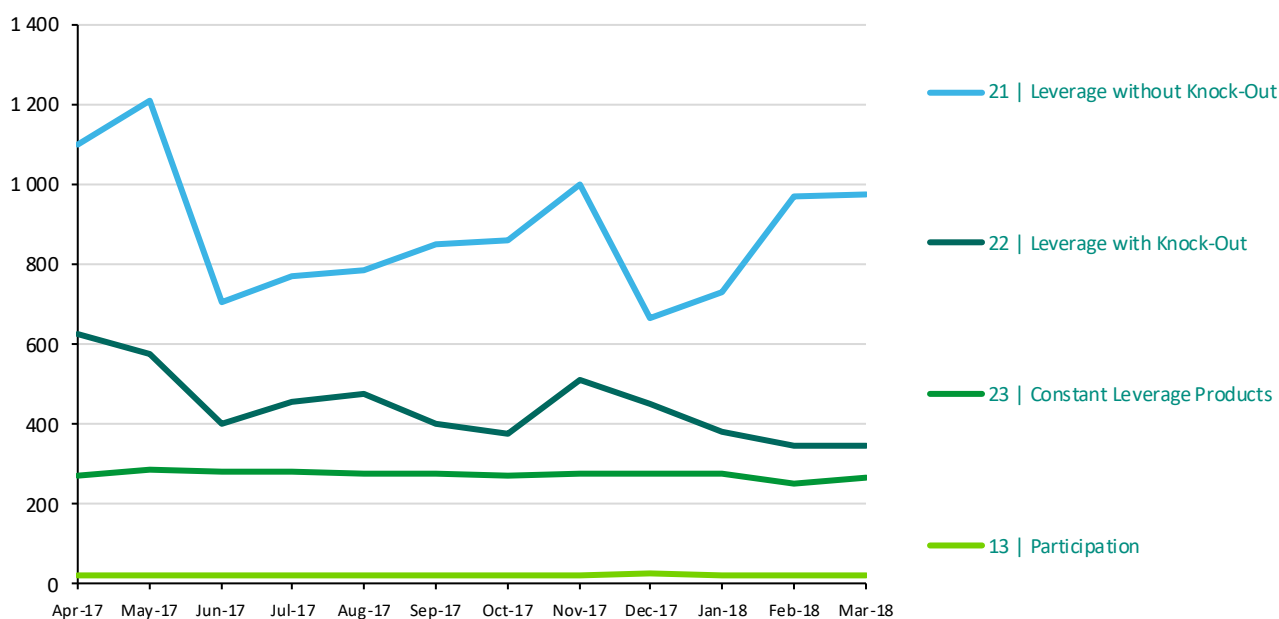
(Source Euronext)



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

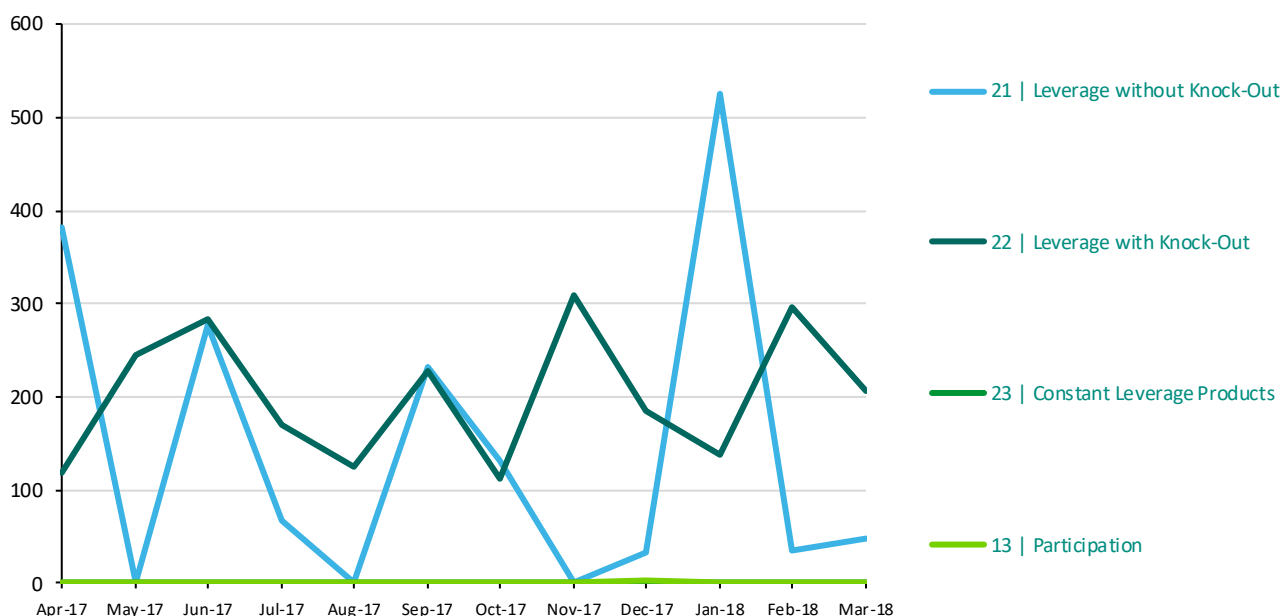
## Product Trend: Number of Live Products

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)

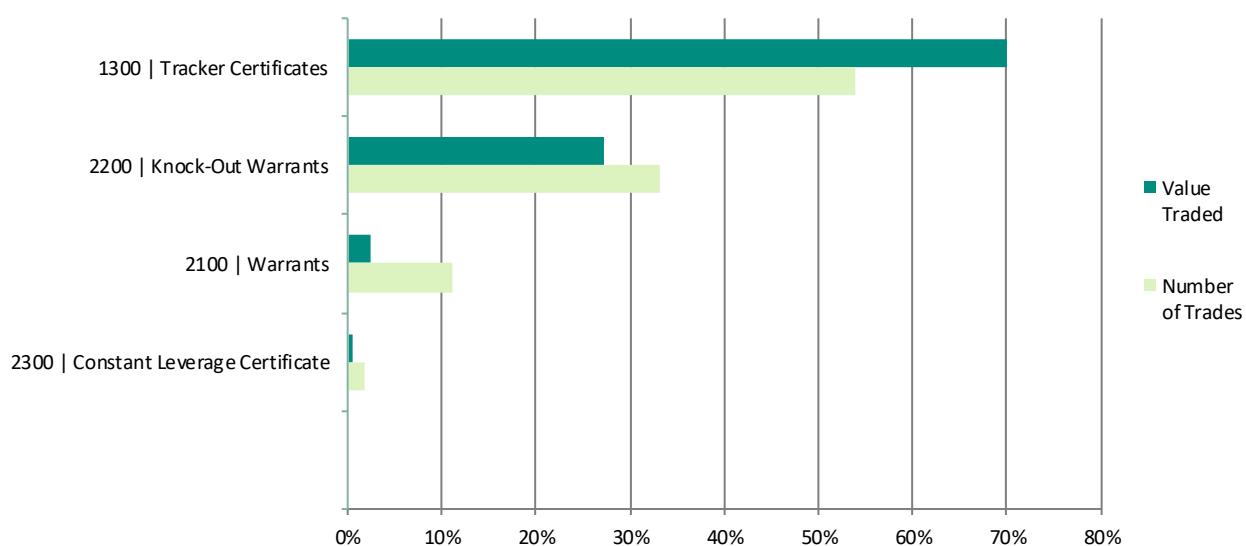
## Market Overview

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	1 834	-25%	-43%	70,0%	179	-31%	-46%	53,9%
2200   Knock-Out Warrants	712	131%	-2,9%	27,1%	110	30%	-1,8%	33,1%
2100   Warrants	63	-52%	-52%	2,4%	37	-19,0%	18,0%	11,1%
2300   Constant Leverage Certificate	12	-52%	-70%	0,5%	6,1	-11,7%	-1,6%	1,8%
	0			0,0%	0,0			0,0%
<b>Total</b>	<b>2 621</b>	<b>-10,0%</b>	<b>-36,2%</b>	<b>100%</b>	<b>333</b>	<b>-16,0%</b>	<b>-31,3%</b>	<b>100%</b>

(Source Euronext)

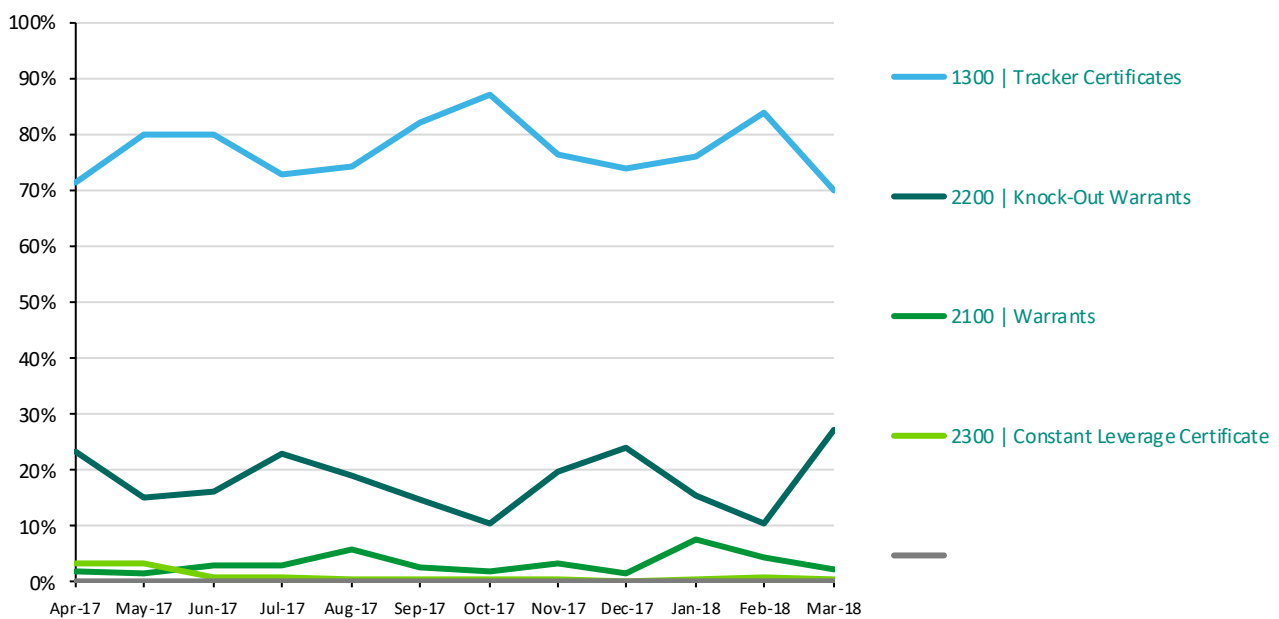




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

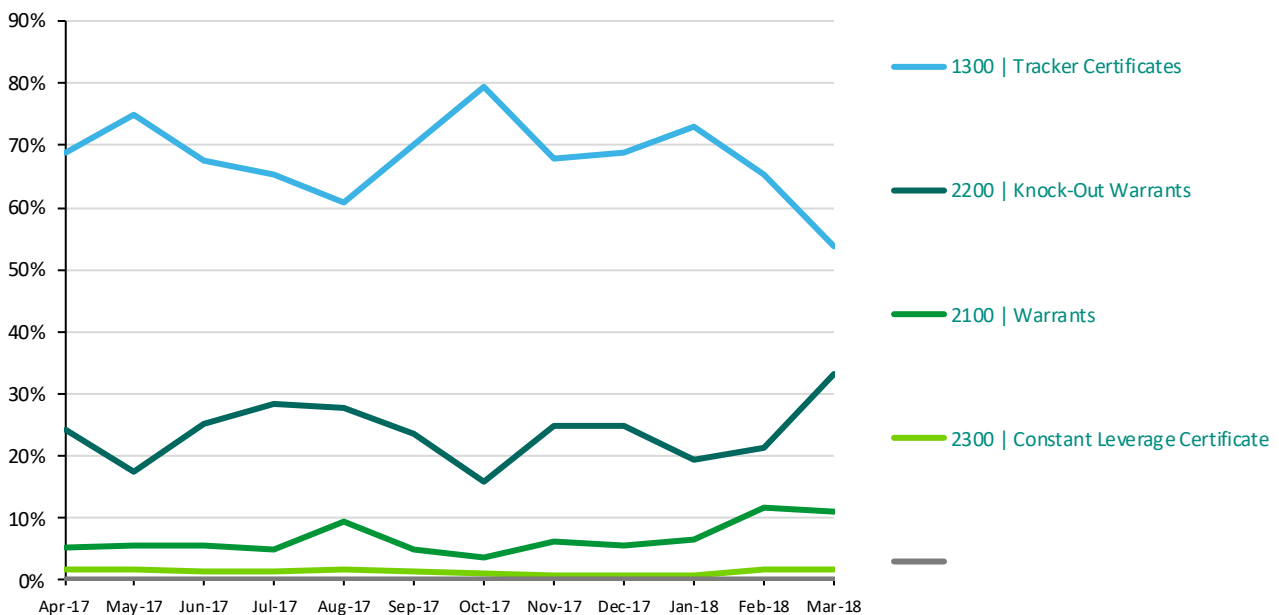
## Market Trend: Value traded

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

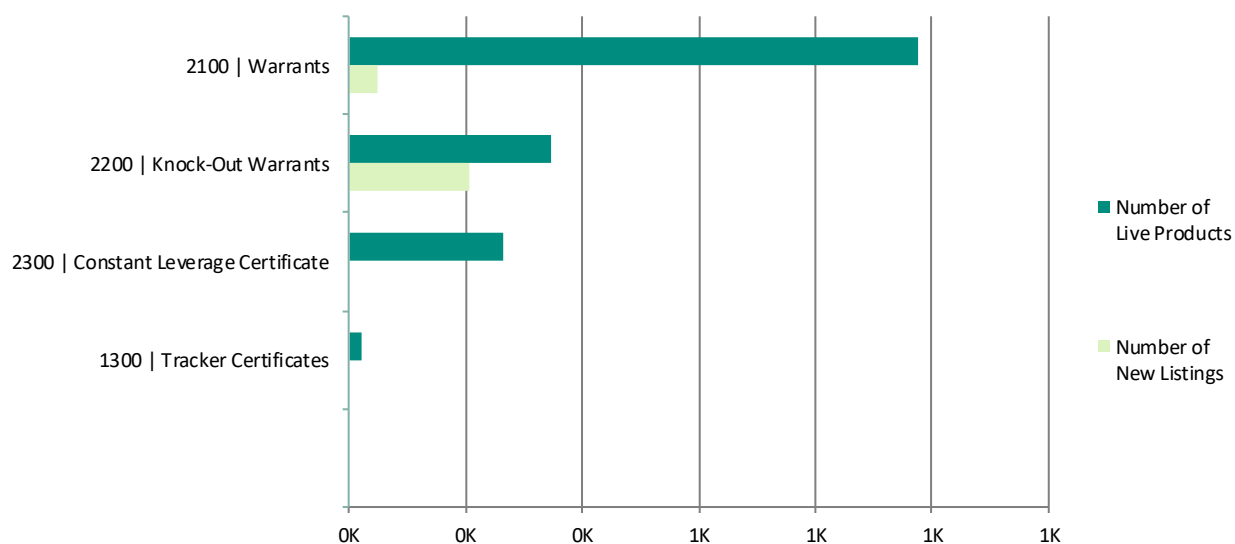
### Product Overview

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	976	0,5%	10,1%	60,6%	49	40%	-66%	19,2%
2200   Knock-Out Warrants	347	2,5%	-17,1%	21,5%	206	-31%	2,3%	80,8%
2300   Constant Leverage Certificate	266	5,3%	-3,2%	16,5%	0			0,0%
1300   Tracker Certificates	23	5,5%	0,3%	1,4%	0		-100%	0,0%
	0			0,0%	0			0,0%
<b>Total</b>	<b>1 612</b>	<b>1,1%</b>	<b>-1,1%</b>	<b>100%</b>	<b>255</b>	<b>-23,2%</b>	<b>-26,3%</b>	<b>100%</b>

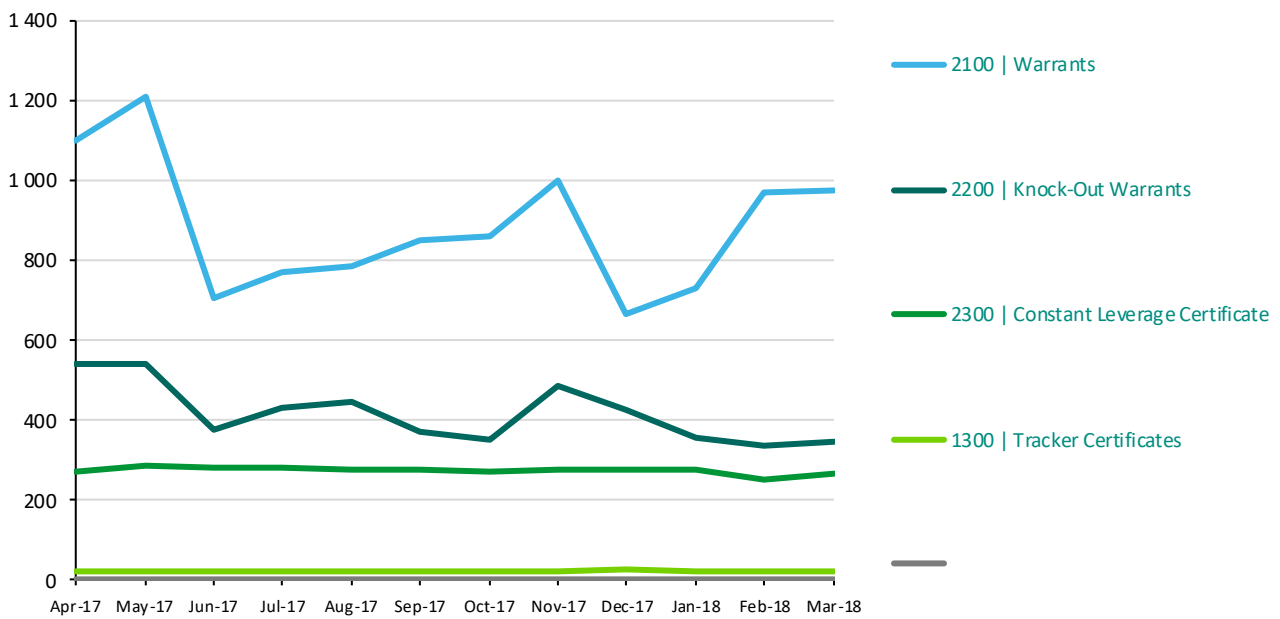
(Source Euronext)



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

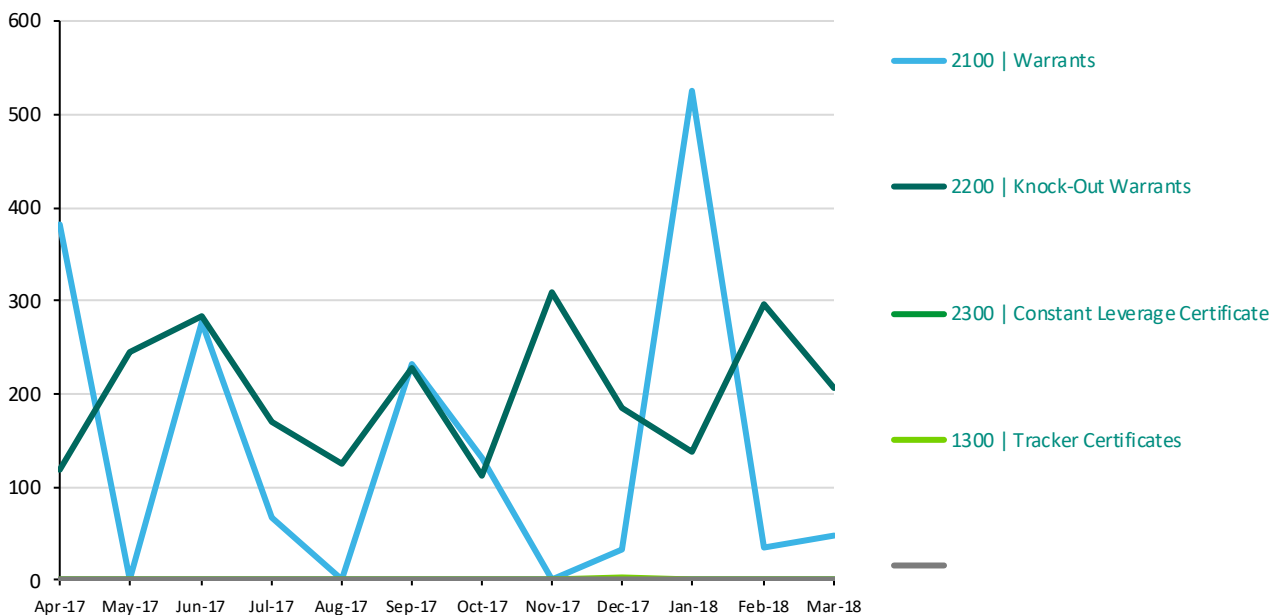
## Product Trend: Number of Live Products

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

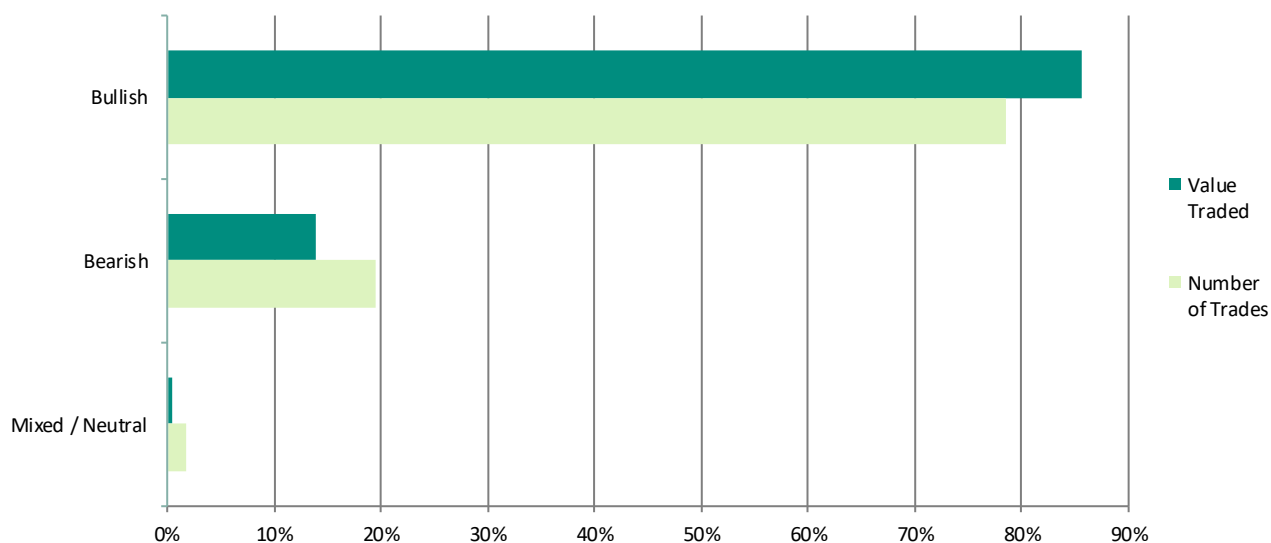
## Market Overview

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	2 245	-15,7%	-38%	85,7%	262	-20%	-35%	78,6%
Bearish	364	61%	-22%	13,9%	65	6,0%	-12,7%	19,6%
Mixed / Neutral	12	-52%	-70%	0,5%	6,0	-1,7%	4,6%	1,8%
Total	2 621	-10,0%	-36,2%	100%	333	-16,0%	-31,3%	100%

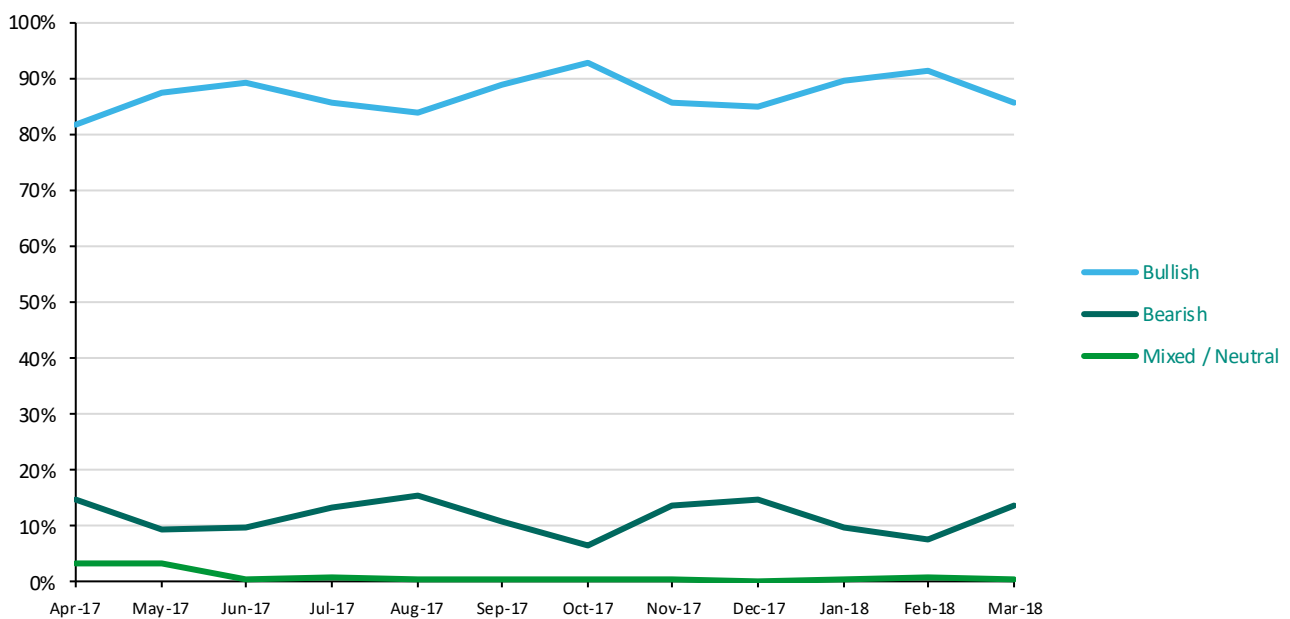
(Source Euronext)



# PRODUCT STRATEGIES

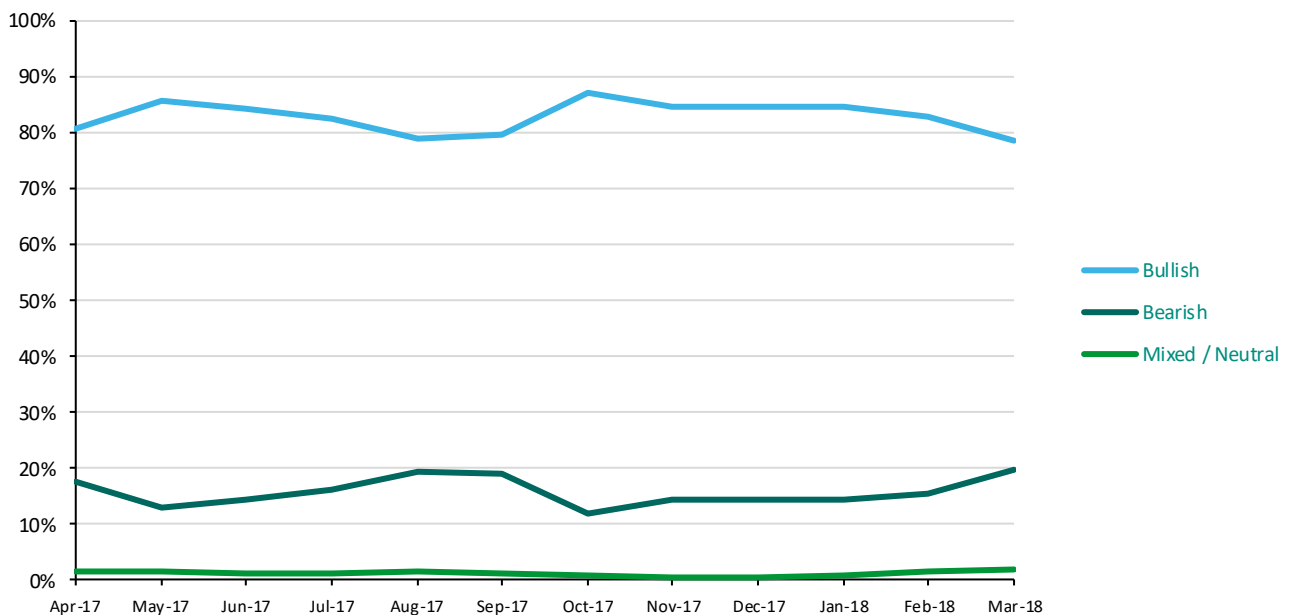
## Market Trend: Value traded

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

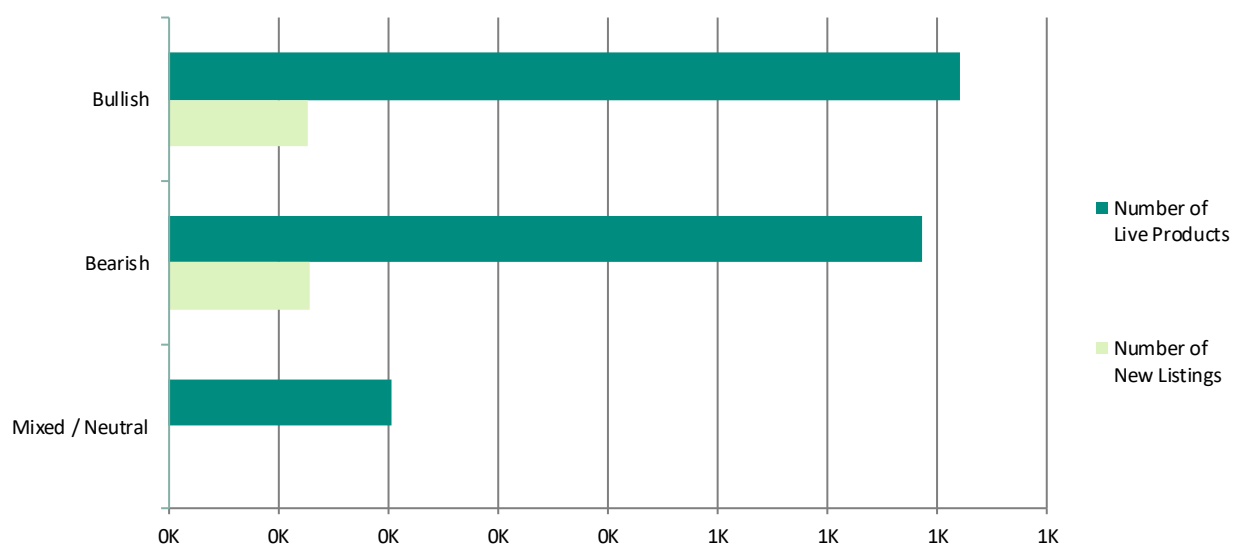
## Product Overview

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	722	0,0%	-4,4%	44,8%	126	-13,7%	-27%	49,4%
Bearish	686	1,1%	3,0%	42,6%	129	-31%	-25%	50,6%
Mixed / Neutral	204	5,3%	-2,3%	12,7%	0			0,0%
<b>Total</b>	<b>1 612</b>	<b>1,1%</b>	<b>-1,1%</b>	<b>100%</b>	<b>255</b>	<b>-23,2%</b>	<b>-26,3%</b>	<b>100%</b>

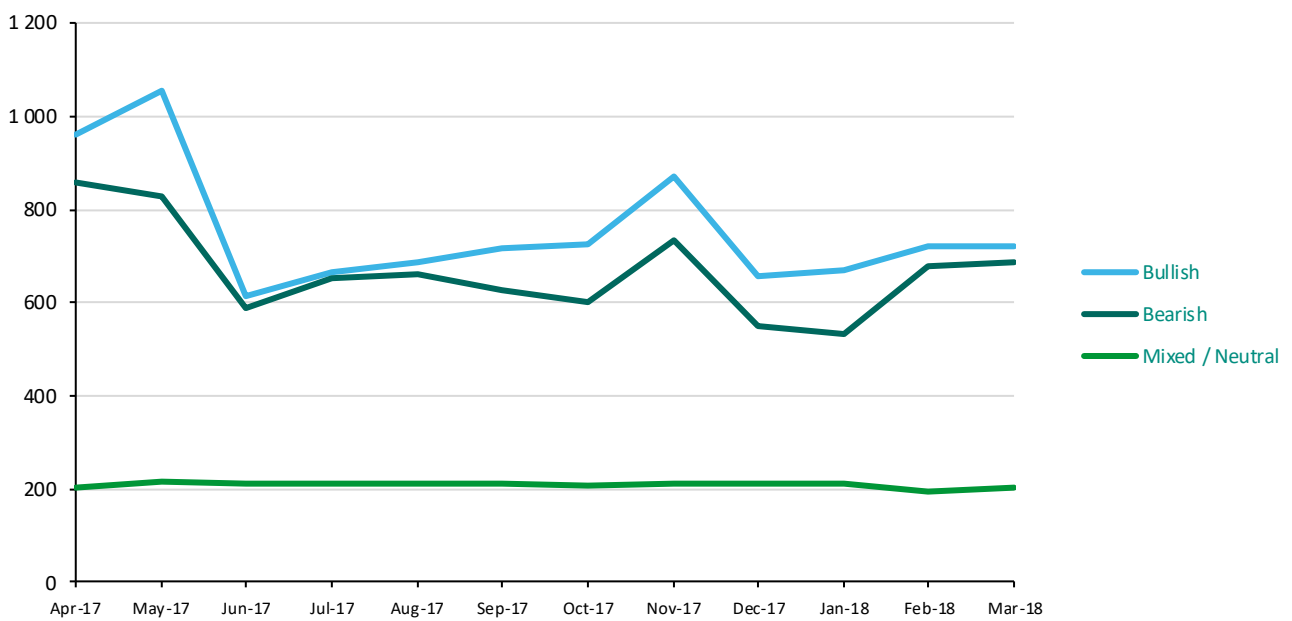
(Source Euronext)



# PRODUCT STRATEGIES

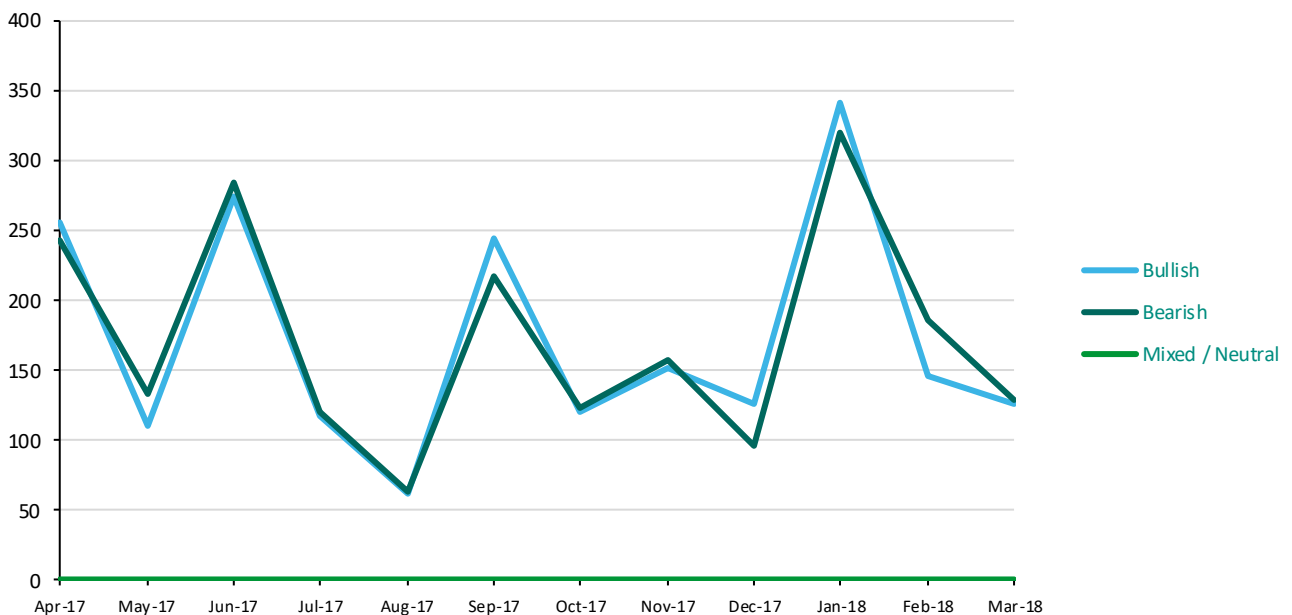
## Product Trend: Number of Live Products

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

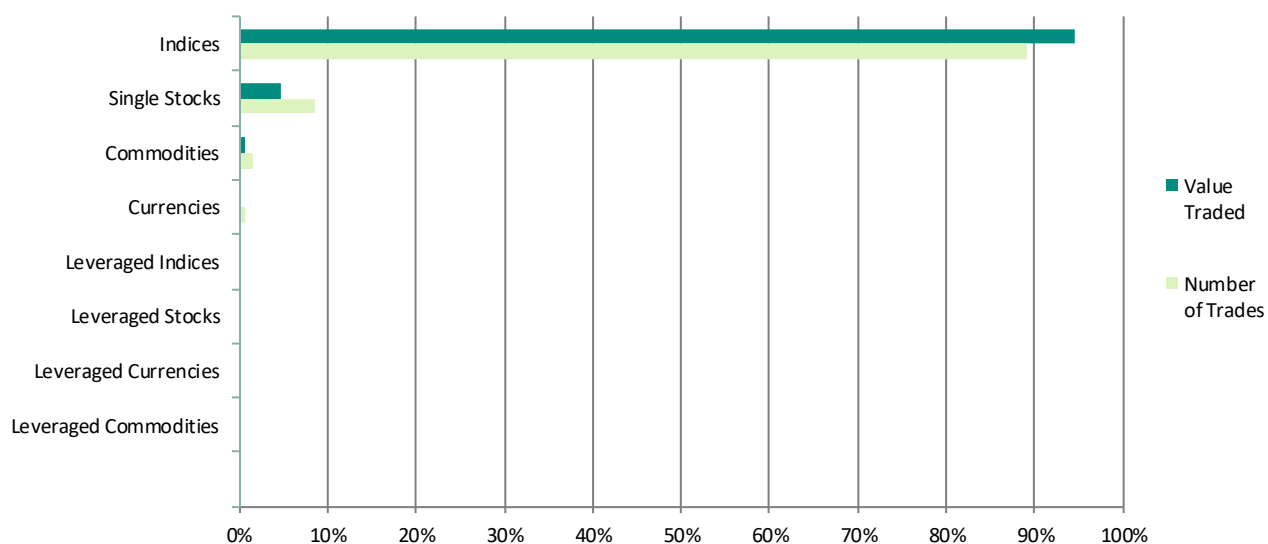
## Market Overview

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	2 481	-10,3%	-36%	94,6%	297	-18,6%	-33%	89,2%
Single Stocks	121	11,6%	-23%	4,6%	28	27%	7,8%	8,5%
Commodities	15	-46%	-78%	0,6%	5,2	17,8%	-51%	1,6%
Currencies	5	-58%	-17,8%	0,2%	2,4	-33%	-6,9%	0,7%
Leveraged Indices	0	-88%	-75%	0,0%	0,1	-85%	-66%	0,0%
Leveraged Stocks	0	-100%	-100%	0,0%	0,0	-100%	-100%	0,0%
Leveraged Currencies	0		-100%	0,0%	0,0		-100%	0,0%
Leveraged Commodities	0	-100%	-100%	0,0%	0,0	-100%	-100%	0,0%
	0			0,0%	0,0			0,0%
<b>Total</b>	<b>2 621</b>	<b>-10,0%</b>	<b>-36,2%</b>	<b>100%</b>	<b>333</b>	<b>-16,0%</b>	<b>-31,3%</b>	<b>100%</b>

(Source Euronext)

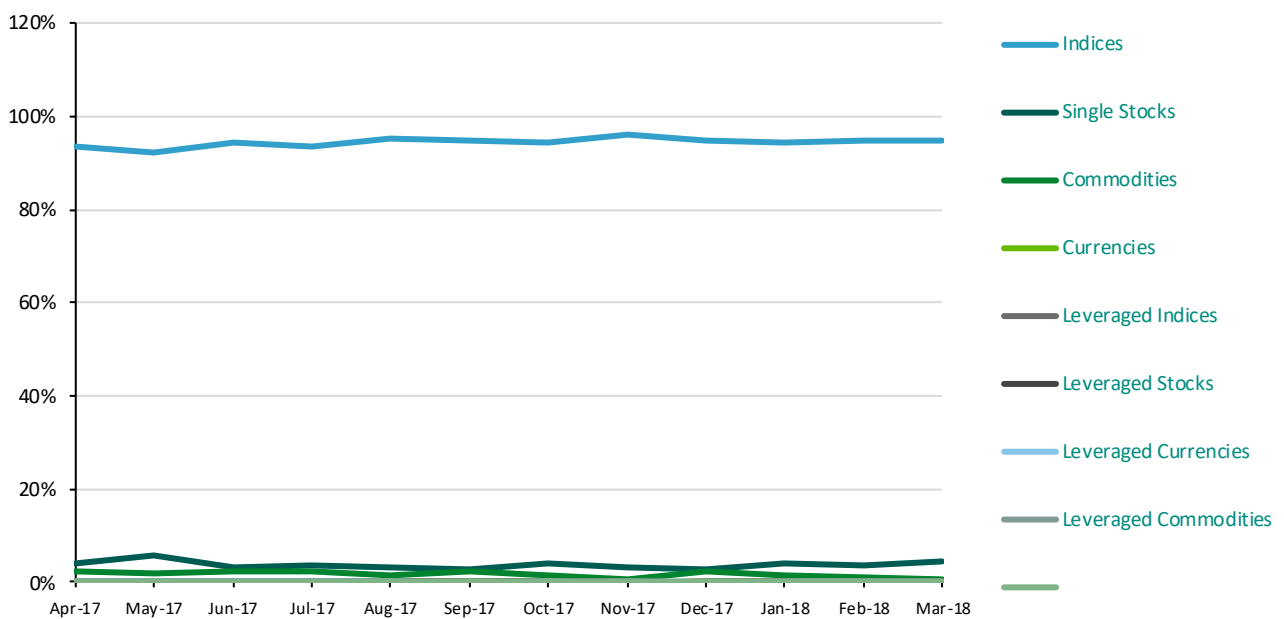




# UNDERLYING TYPES

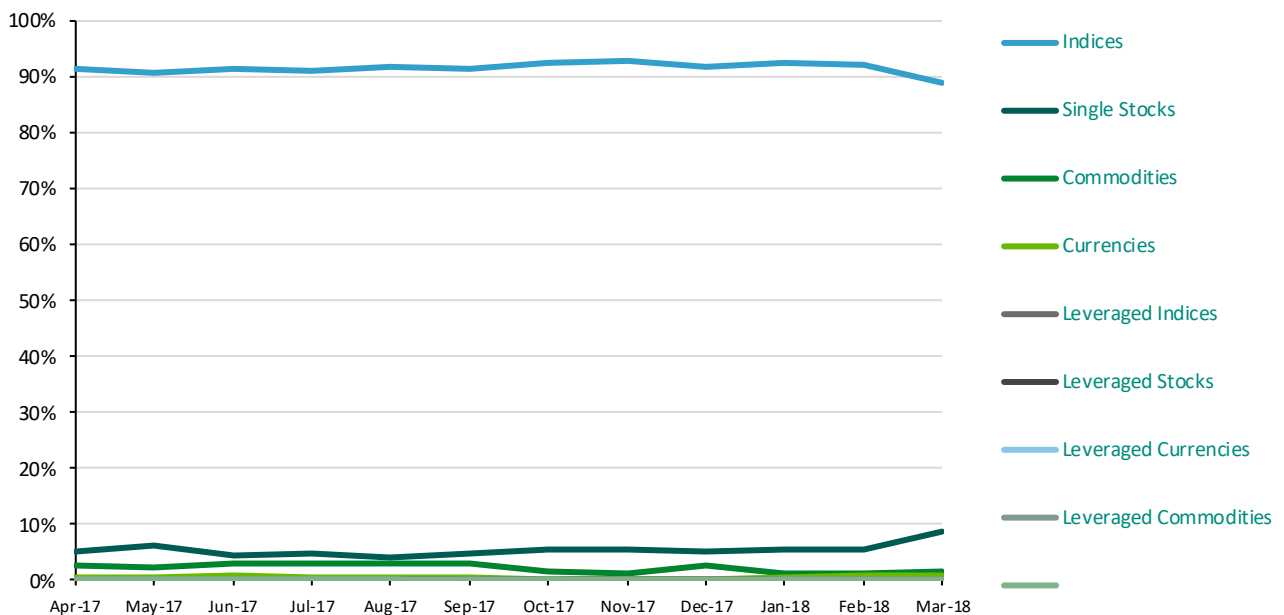
## Market Trend: Value traded

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

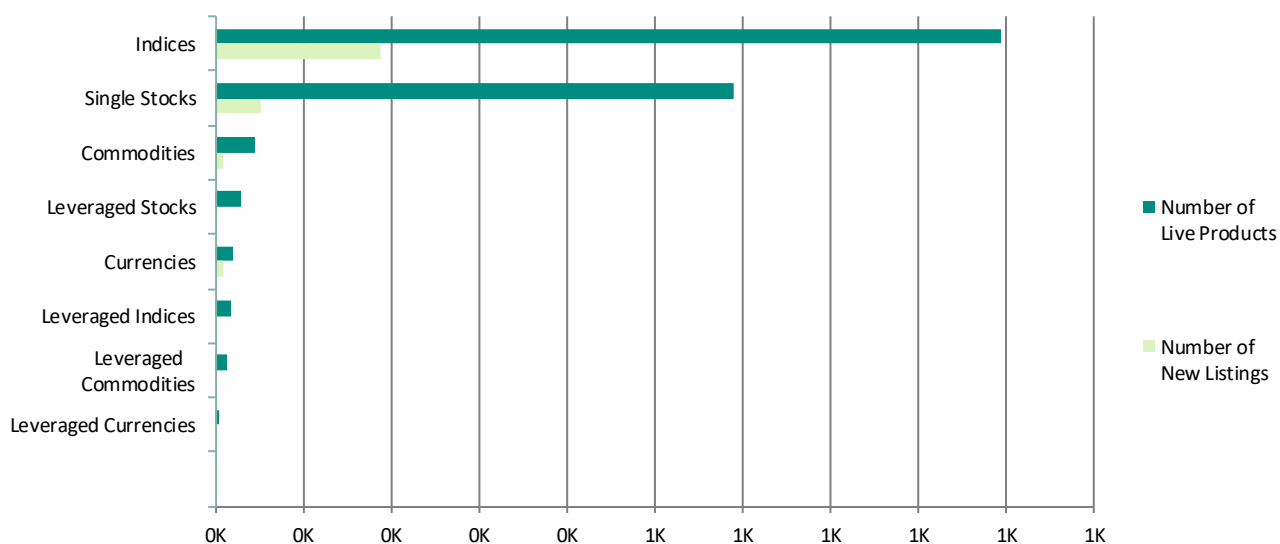
### Product Overview

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	895	-4,0%	0,5%	55,5%	188	-36%	-26%	73,7%
Single Stocks	590	8,7%	-0,5%	36,6%	51	42%	-34%	20,0%
Commodities	45	4,7%	-10,5%	2,8%	8		14,3%	3,1%
Leveraged Stocks	29	5,3%	-11,7%	1,8%	0			0,0%
Currencies	19	11,7%	-18,3%	1,2%	8		28%	3,1%
Leveraged Indices	17	5,3%	-0,2%	1,1%	0			0,0%
Leveraged Commodities	13	5,3%	3,4%	0,8%	0			0,0%
Leveraged Currencies	3	5,3%	-7,5%	0,2%	0			0,0%
	0			0,0%	0			0,0%
<b>Total</b>	<b>1 612</b>	<b>1,1%</b>	<b>-1,1%</b>	<b>100%</b>	<b>255</b>	<b>-23,2%</b>	<b>-26,3%</b>	<b>100%</b>

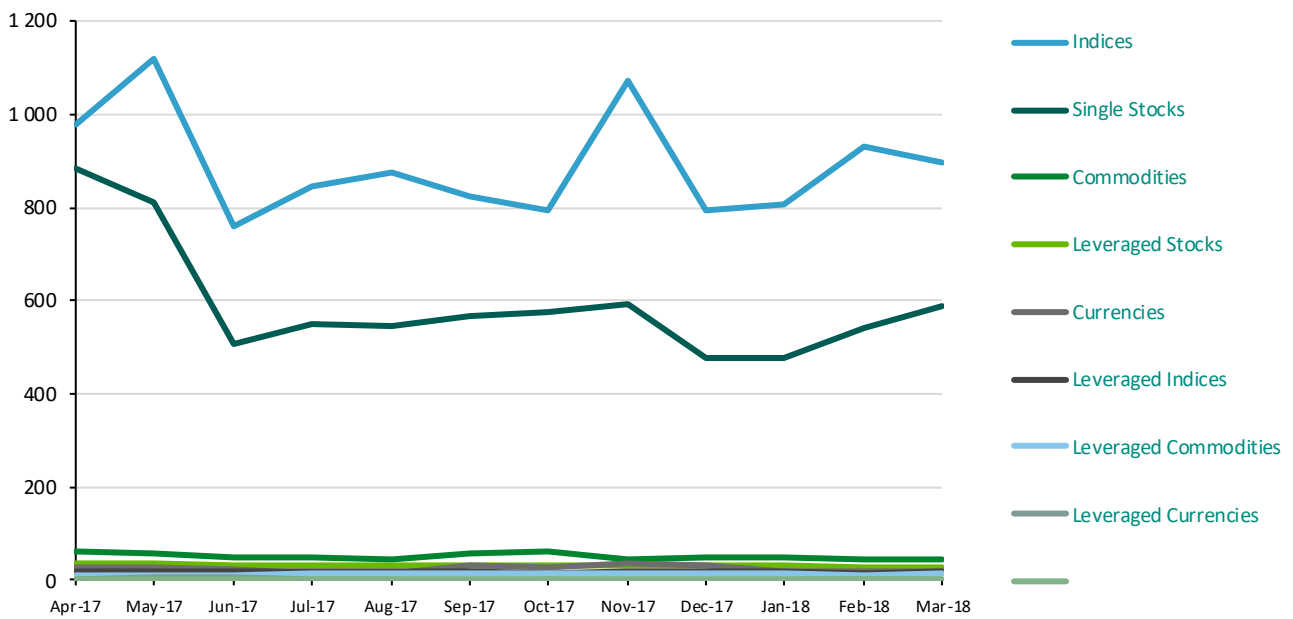
(Source Euronext)



# UNDERLYING TYPES

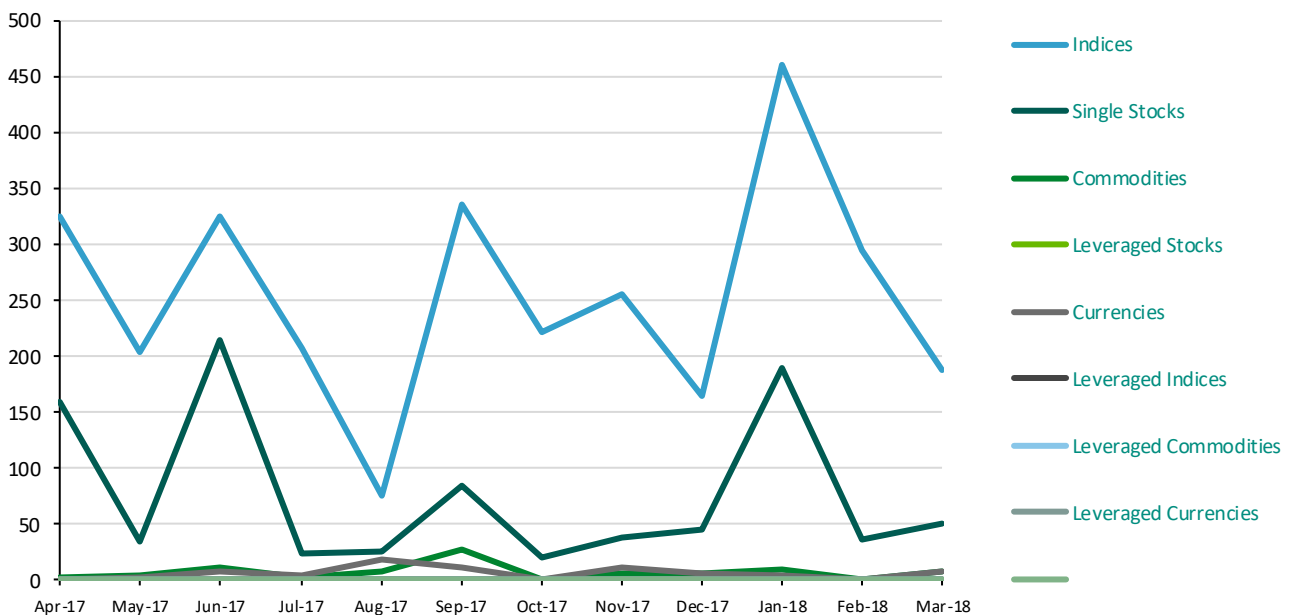
## Product Trend: Number of Live Products

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

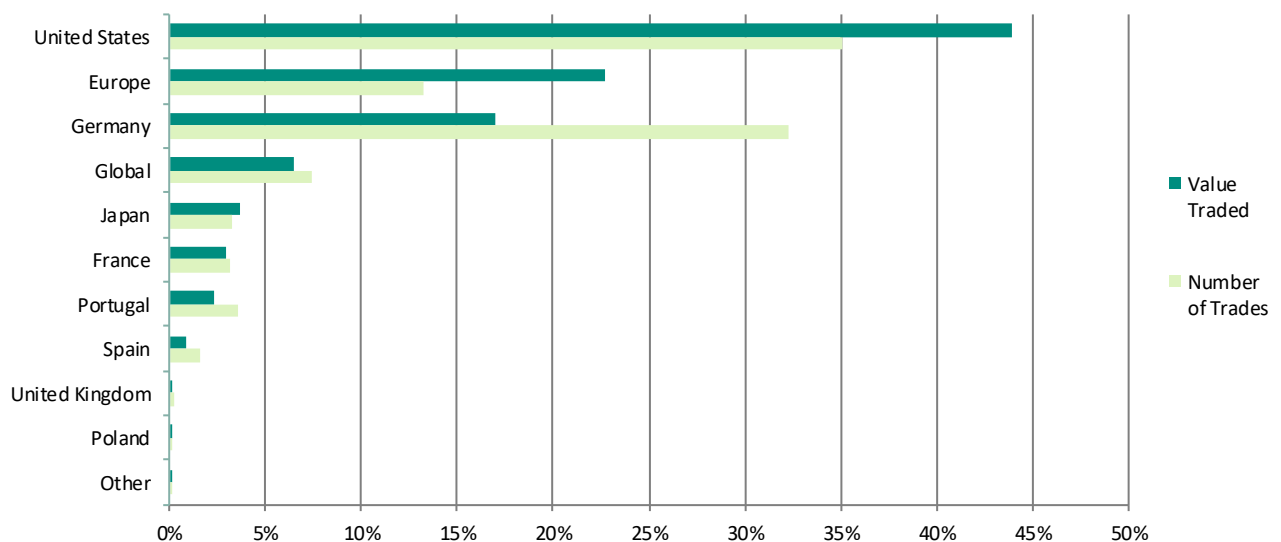
## Market Overview

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	1 152	2,0%	-5,3%	44,0%	117	-13,7%	-20%	35,1%
Europe	595	-15,2%	-44%	22,7%	44	-28%	-52%	13,3%
Germany	444	-22%	-53%	16,9%	107	-4,7%	-16,4%	32,3%
Global	171	-1,0%	-60%	6,5%	25	-3,4%	-49%	7,4%
Japan	96	-20%	-12,9%	3,6%	11	-49%	-37%	3,2%
France	77	-20%	-50%	2,9%	10	-31%	-46%	3,1%
Portugal	60	-8,1%	-45%	2,3%	12	-14,0%	-38%	3,6%
Spain	21	-38%	-68%	0,8%	5,3	-39%	-51%	1,6%
United Kingdom	4	-83%	-79%	0,1%	0,8	-67%	-59%	0,2%
Poland	2	18,2%		0,1%	0,4	21%		0,1%
Other	0		-97%	0,0%	0,2		-70%	0,1%
<b>Total</b>	<b>2 621</b>	<b>-10,0%</b>	<b>-36,2%</b>	<b>100%</b>	<b>333</b>	<b>-16,0%</b>	<b>-31,3%</b>	<b>100%</b>

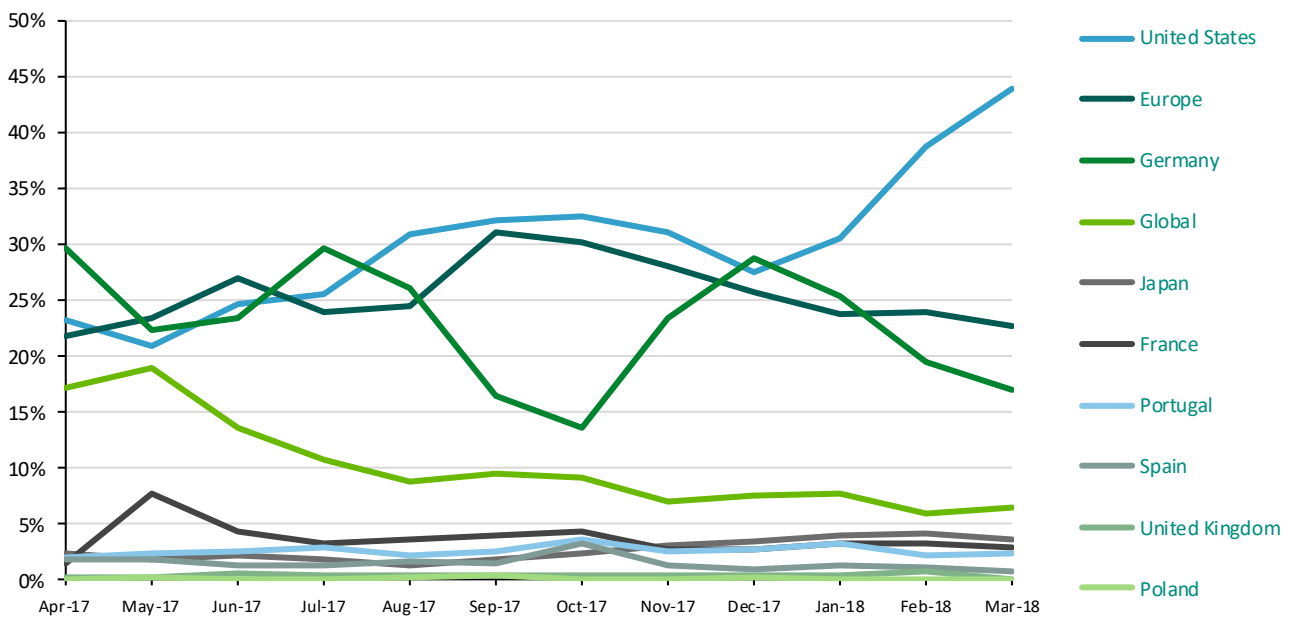
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

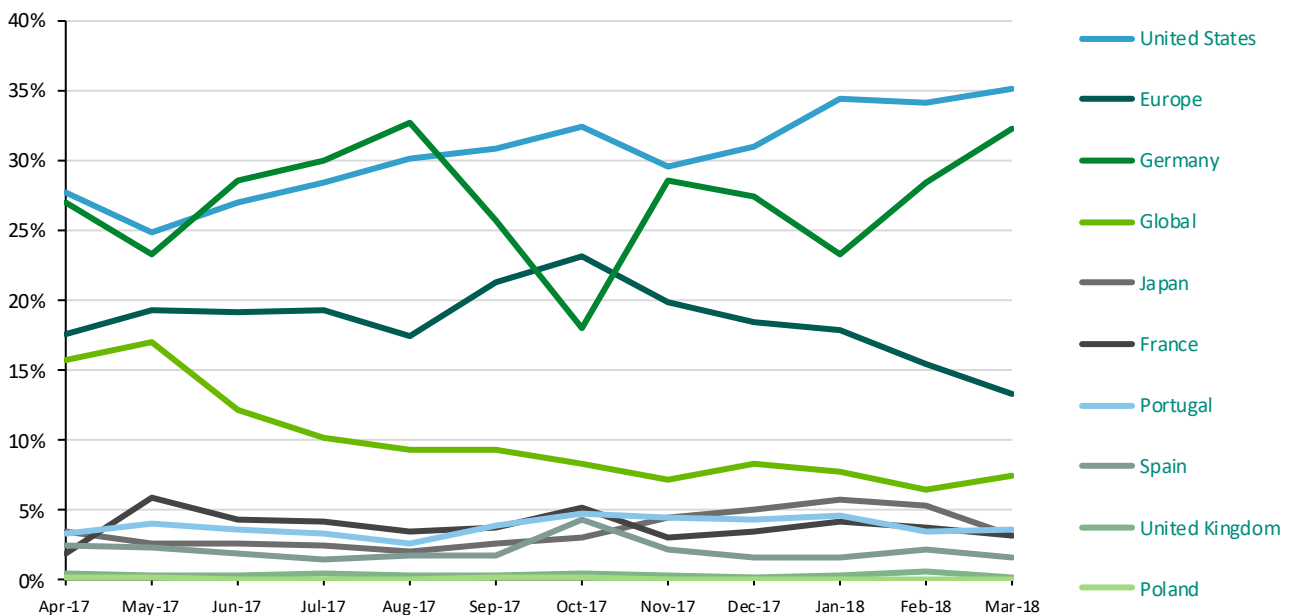
## Market Trend: Value traded

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

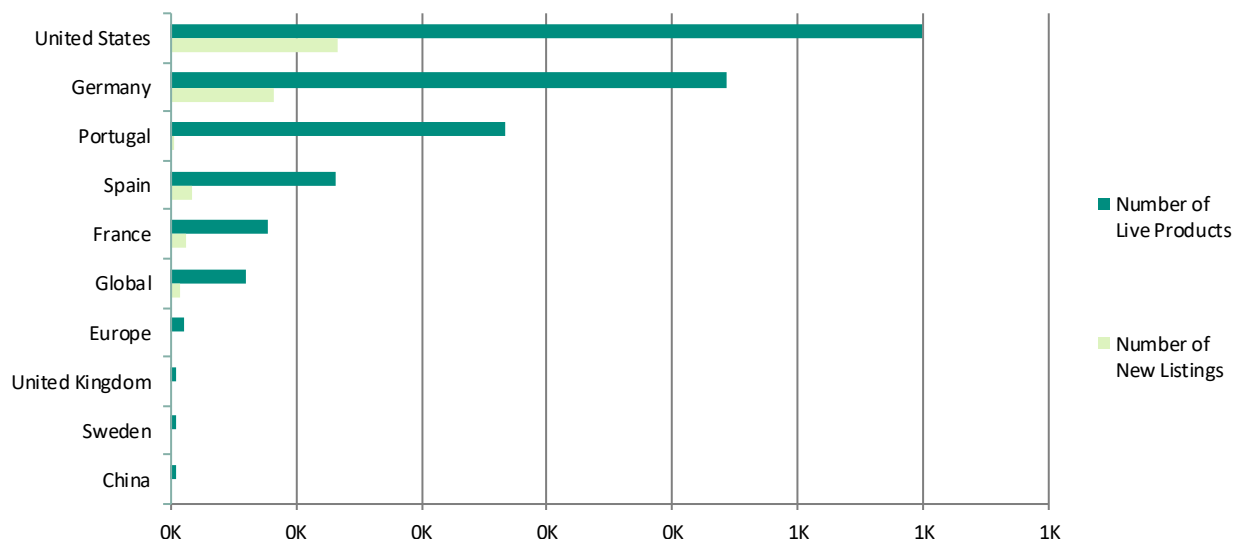
## Product Overview

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	599	6,7%	9,1%	37,2%	133	-12,5%	-0,4%	52,2%
Germany	444	-6,2%	-5,9%	27,5%	82	-32%	-30%	32,2%
Portugal	266	-0,8%	-2,2%	16,5%	2	-75%	-94%	0,8%
Spain	132	1,6%	-12,6%	8,2%	17	-54%	-55%	6,7%
France	78	6,6%	3,8%	4,8%	13	-13,3%	-17,9%	5,1%
Global	59	4,8%	-8,1%	3,7%	8		14,3%	3,1%
Europe	10	5,3%	-54%	0,6%	0		-100%	0,0%
United Kingdom	4	5,3%	-21%	0,2%	0			0,0%
Sweden	4	5,3%	0,9%	0,2%	0			0,0%
China	4	5,3%	0,9%	0,2%	0			0,0%
Other	11	5,3%	1,1%	0,7%	0			0,0%
<b>Total</b>	<b>1 612</b>	<b>1,1%</b>	<b>-1,1%</b>	<b>100%</b>	<b>255</b>	<b>-23,2%</b>	<b>-26,3%</b>	<b>100%</b>

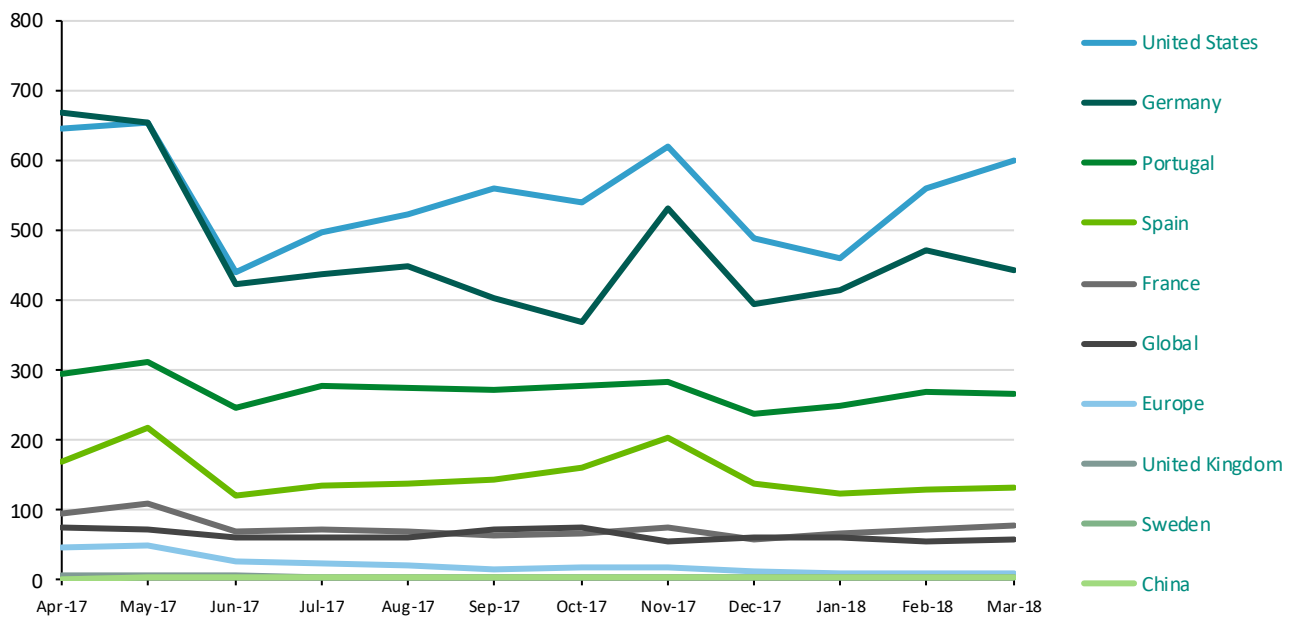
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

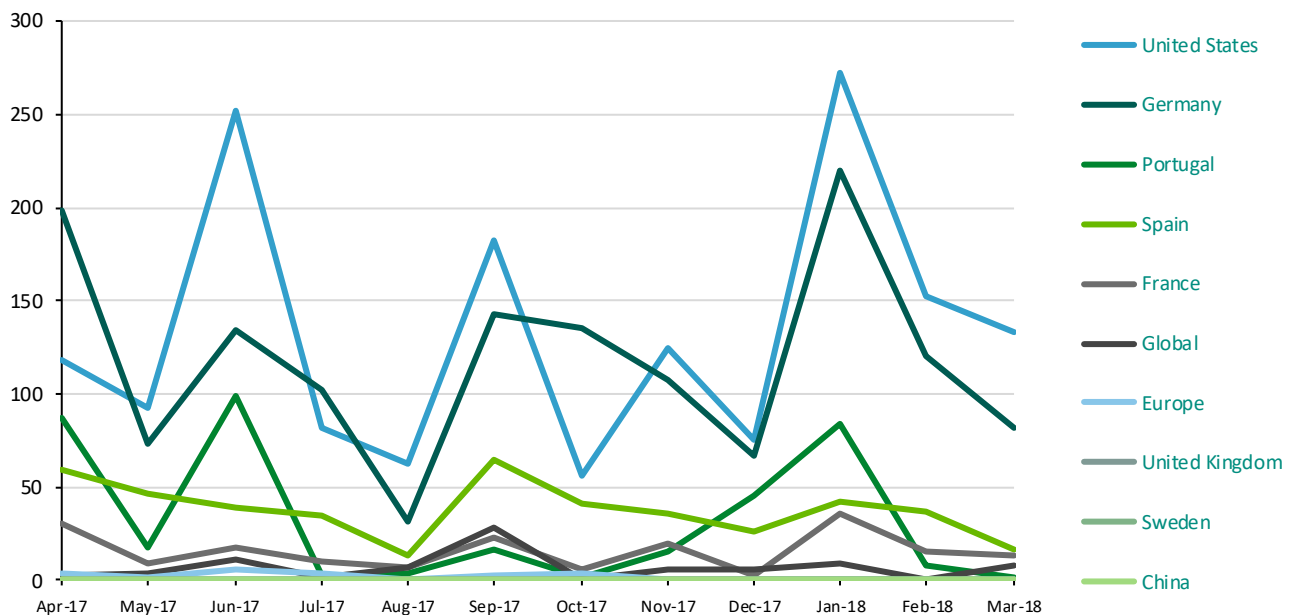
## Product Trend: Number of Live Products

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

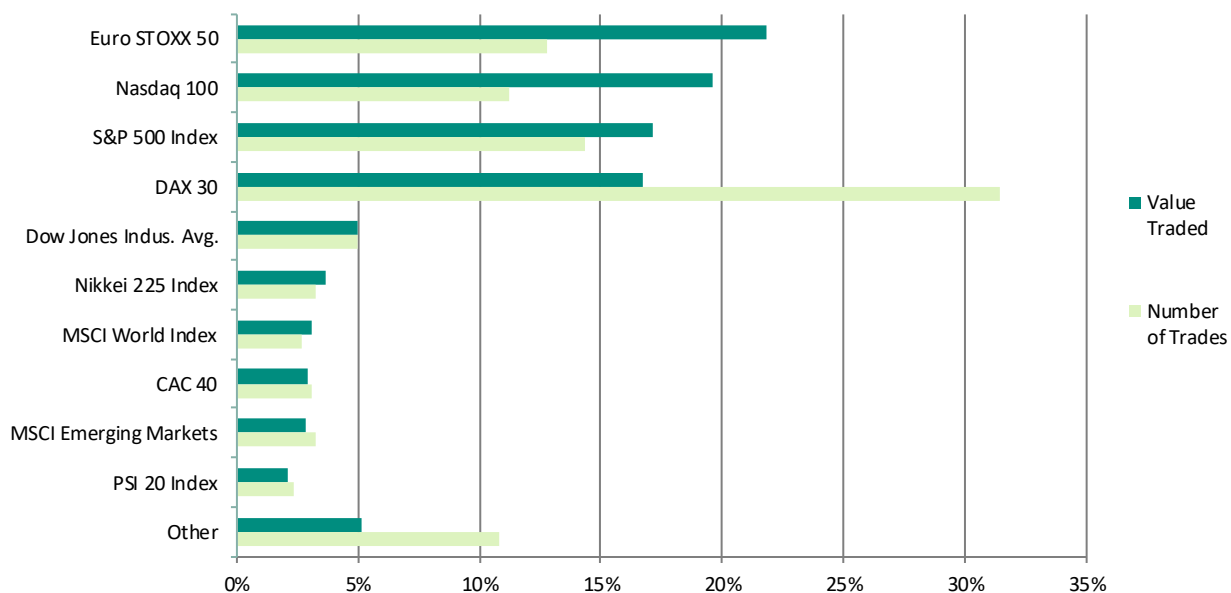
## Market Overview

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	573	-16,7%	-44%	21,9%	43	-29%	-52%	12,8%
Nasdaq 100	514	158%	88%	19,6%	37	20%	13,7%	11,2%
S&P 500 Index	449	-34%	-37%	17,1%	48	-31%	-40%	14,4%
DAX 30	439	-23%	-52%	16,7%	105	-6,5%	-17,2%	31,4%
Dow Jones Indus. Avg.	129	-41%	-39%	4,9%	16	-38%	-39%	4,9%
Nikkei 225 Index	96	-20%	-12,9%	3,6%	11	-49%	-37%	3,2%
MSCI World Index	81	-7,9%	-71%	3,1%	8,9	-24%	-68%	2,7%
CAC 40	77	-20%	-48%	2,9%	10	-30%	-46%	3,1%
MSCI Emerging Markets	74	34%	1,5%	2,8%	11	15,1%	7,0%	3,3%
PSI 20 Index	56	-12,3%	-47%	2,1%	7,7	-27%	-50%	2,3%
Other	134	-3,8%	-46%	5,1%	36	16,2%	-9,6%	10,8%
<b>Total</b>	<b>2 621</b>	<b>-10,0%</b>	<b>-36,2%</b>	<b>100%</b>	<b>333</b>	<b>-16,0%</b>	<b>-31,3%</b>	<b>100%</b>

(Source Euronext)

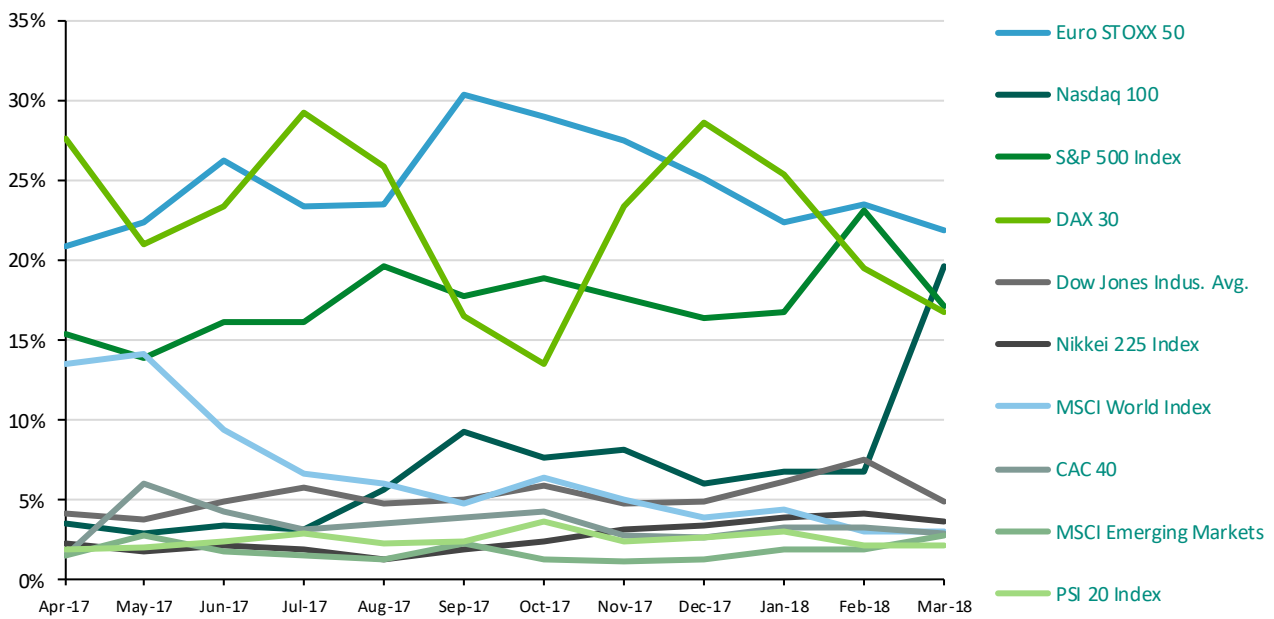




# TOP 10 UNDERLYINGS

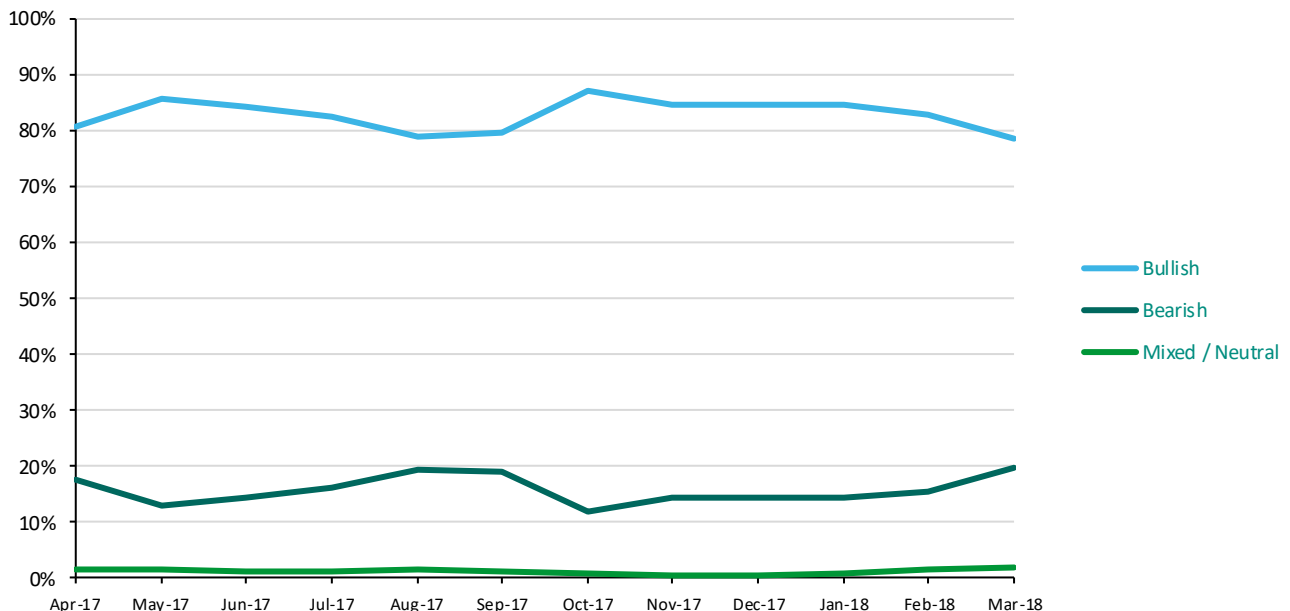
## Market Trend: Value traded

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

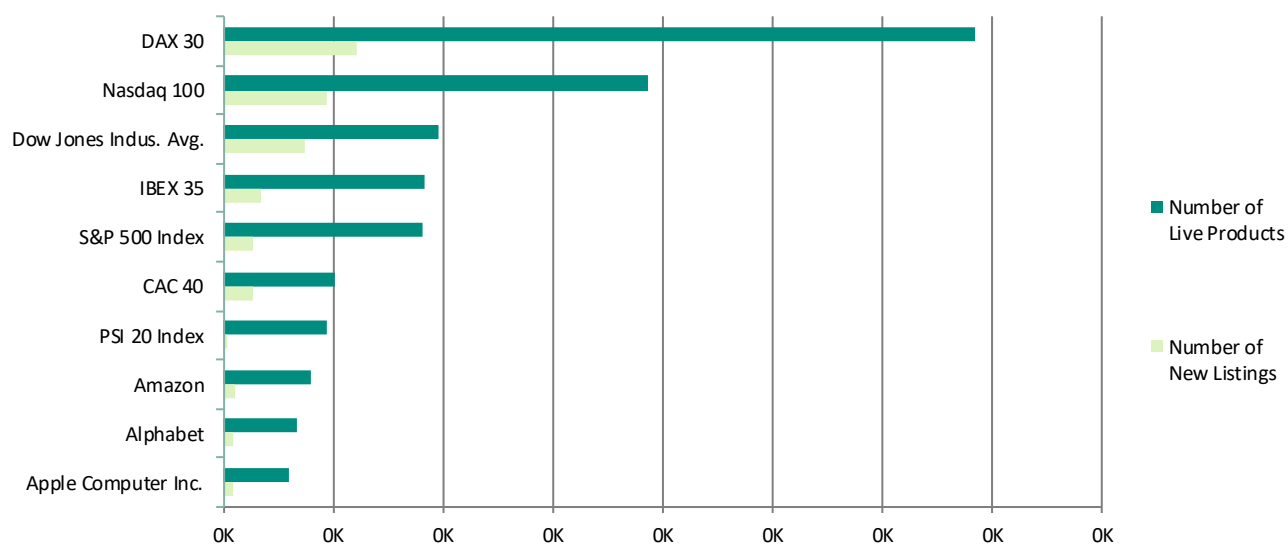
## Product Overview

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	342	-10,9%	-4,0%	21,2%	61	-49%	-44%	23,9%
Nasdaq 100	194	-8,3%	14,2%	12,0%	47	-36%	-11,7%	18,4%
Dow Jones Indus. Avg.	98	7,1%	-9,5%	6,1%	37	68%	37%	14,5%
IBEX 35	91	0,0%	-11,8%	5,7%	17	-54%	-48%	6,7%
S&P 500 Index	91	13,4%	23%	5,6%	13	-55%	-24%	5,1%
CAC 40	51	7,3%	29%	3,2%	13	-13,3%	-2,5%	5,1%
PSI 20 Index	47	-2,9%	-3,5%	2,9%	2	-75%	-83%	0,8%
Amazon	40	23%	18,0%	2,5%	5	-55%	-41%	2,0%
Alphabet	33	21%	5,5%	2,1%	4	-50%	-40%	1,6%
Apple Computer Inc.	30	21%	23%	1,9%	4	33%	-17,2%	1,6%
Other	595	7,1%	-7,1%	36,9%	52	767%	-15,1%	20,4%
<b>Total</b>	<b>1 612</b>	<b>1,1%</b>	<b>-1,1%</b>	<b>100%</b>	<b>255</b>	<b>-23,2%</b>	<b>-26,3%</b>	<b>100%</b>

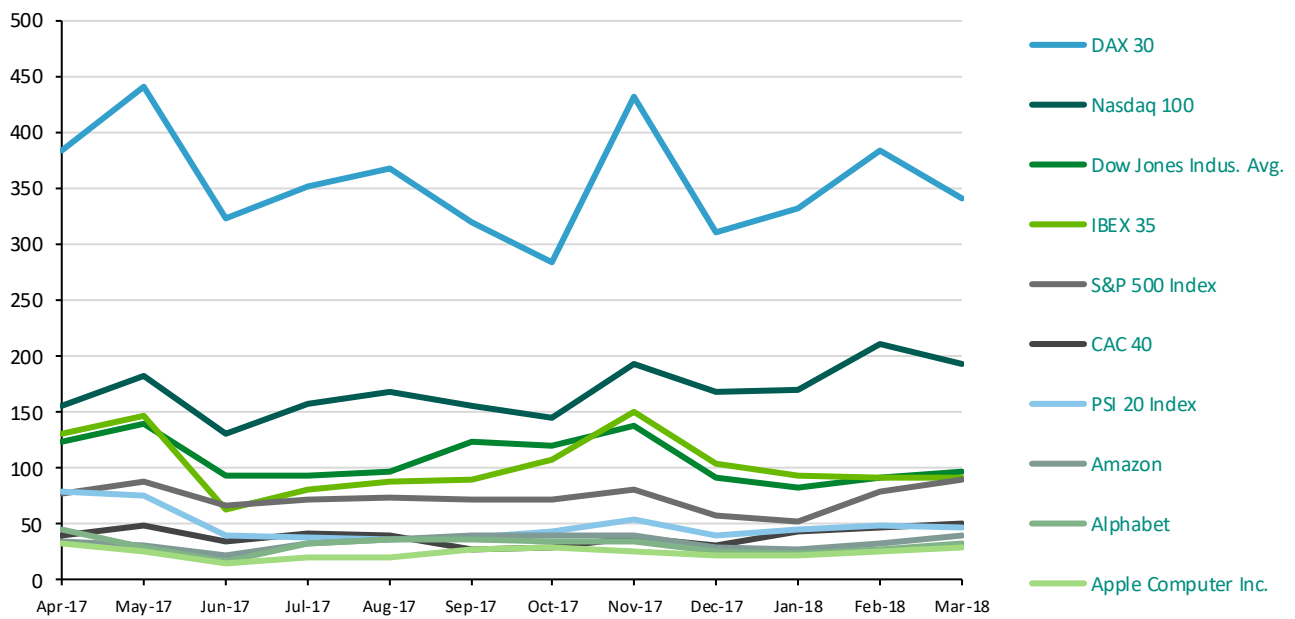
(Source Euronext)



# TOP 10 UNDERLYINGS

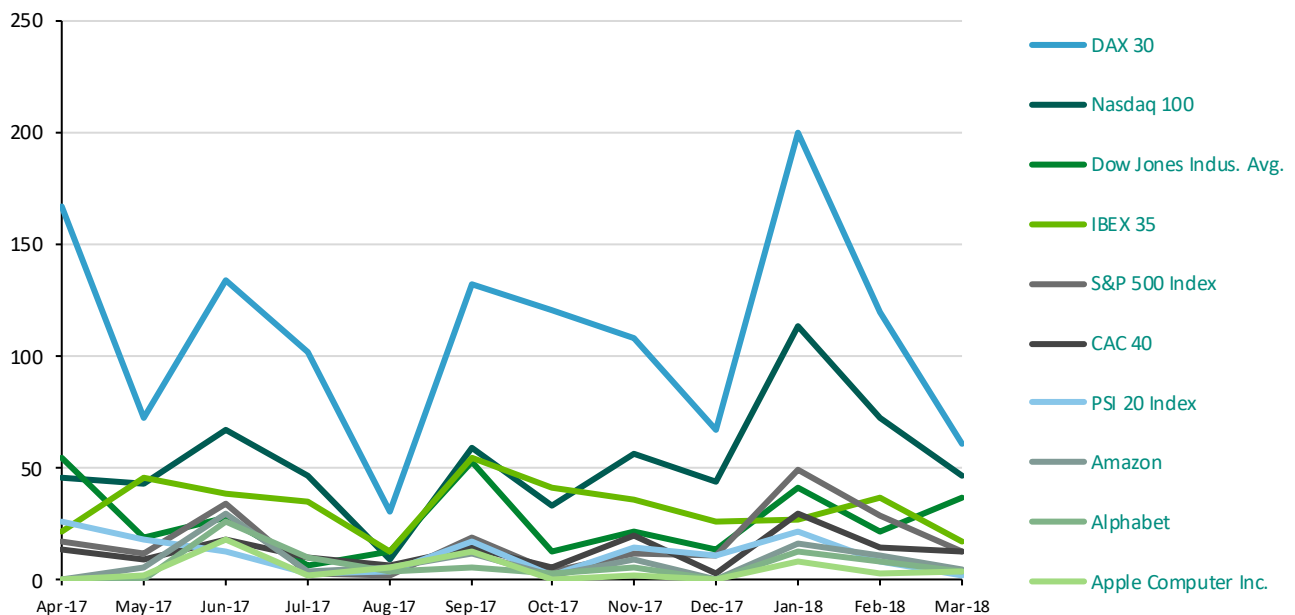
## Product Trend: Number of Live Products

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	27 494	2 392
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	26 861	2 640
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	9 076	840
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	8 587	876
PTBIWBVE0057	BCP	1300	Tracker Certificates	Nasdaq 100	5 995	546
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	4 798	838
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	3 837	580
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	3 535	464
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	2 487	398
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	2 219	376
DE000CQ4D641	Citi	2200	Knock-Out Warrants	DAX 30	2 098	352
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	1 175	190
DE000CY5ZYE5	Citi	2200	Knock-Out Warrants	DAX 30	1 023	88
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	866	58
DE000CQ4D7R8	Citi	2200	Knock-Out Warrants	DAX 30	818	150
DE000CE6QRC4	Commerzbank	2100	Warrants	DAX 30	799	136
DE000CV3KYV9	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	661	32
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	543	56
DE000CN9RUZ0	Commerzbank	2300	Constant Leverage Certificate	ALIBABA GROUP HOLDING LTD	498	30
DE000CQ4D708	Citi	2200	Knock-Out Warrants	DAX 30	484	178
DE000CE6QSB4	Commerzbank	2100	Warrants	DAX 30	388	94
DE000CQ4D6H1	Citi	2200	Knock-Out Warrants	DAX 30	357	66
DE000CV3KF88	Commerzbank	2200	Knock-Out Warrants	DAX 30	339	56
DE000CY01XD5	Citi	2100	Warrants	DAX 30	330	10
DE000CV3KJY4	Commerzbank	2100	Warrants	DAX 30	325	72
DE000CQ4D716	Citi	2200	Knock-Out Warrants	DAX 30	298	74
DE000CY5ZW41	Citi	2200	Knock-Out Warrants	DAX 30	297	130
DE000CQ4D617	Citi	2200	Knock-Out Warrants	DAX 30	283	32
DE000CY5ZWF6	Citi	2200	Knock-Out Warrants	DAX 30	267	44
DE000CY5ZYF2	Citi	2200	Knock-Out Warrants	DAX 30	267	162
DE000CV3KB17	Commerzbank	2200	Knock-Out Warrants	DAX 30	249	74
DE000CE6QC62	Commerzbank	2100	Warrants	Tesla Motors Inc	235	46
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	234	48
DE000CQ3M4U9	Citi	2200	Knock-Out Warrants	DAX 30	218	10
DE000CV3KX94	Commerzbank	2200	Knock-Out Warrants	DAX 30	213	48
DE000CV3KEU3	Commerzbank	2200	Knock-Out Warrants	DAX 30	205	8
DE000CV3KZ50	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	192	8
DE000CV3KB25	Commerzbank	2200	Knock-Out Warrants	DAX 30	166	18
DE000CQ4D369	Citi	2200	Knock-Out Warrants	EUR/USD	159	46
DE000CY01XC7	Citi	2100	Warrants	DAX 30	154	6
DE000CV3KZ68	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	149	8
DE000CE6QWS0	Commerzbank	2200	Knock-Out Warrants	DAX 30	149	24
DE000CY01X75	Citi	2100	Warrants	DAX 30	148	4
DE000CY01XB9	Citi	2100	Warrants	DAX 30	147	6
DE000CQ3M5N1	Citi	2200	Knock-Out Warrants	Amazon	141	10
DE000CQ3M6K5	Citi	2100	Warrants	DAX 30	140	8
DE000CV3KVB7	Commerzbank	2200	Knock-Out Warrants	DAX 30	135	64
DE000CQ3M4M6	Citi	2200	Knock-Out Warrants	DAX 30	135	16
DE000CQ4D351	Citi	2200	Knock-Out Warrants	EUR/USD	129	38
DE000CY01X67	Citi	2100	Warrants	DAX 30	122	12

(Source Euronext)



Euronext Paris

# ISSUERS

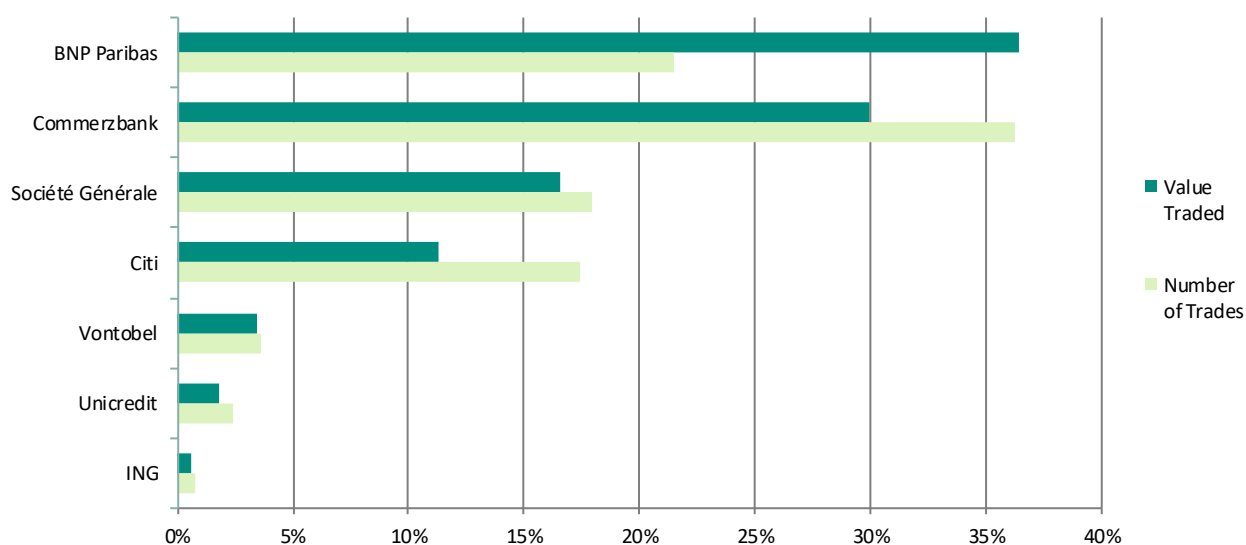
## Market Overview

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
BNP Paribas	5 841	82%	76%	36,4%	1 092	-11,0%	29,5%	21,5%
Commerzbank	4 807	-19,3%	13,5%	30,0%	1 842	-11,4%	30,9%	36,3%
Société Générale	2 652	-22%	-18,5%	16,5%	910	-11,4%	0,3%	17,9%
Citi	1 812	-3,6%	-0,7%	11,3%	886	2,7%	18,0%	17,5%
Vontobel	554	265%	214%	3,5%	185	49,5%	113,3%	3,6%
Unicredit	287	-17,4%	-11,9%	1,8%	122	-28,5%	-29,2%	2,4%
ING	87	-12,8%	-3,6%	0,5%	40	-6,7%	-8,1%	0,8%
<b>Total</b>	<b>16 041</b>	<b>6,6%</b>	<b>21,3%</b>	<b>100%</b>	<b>5 078</b>	<b>-8,2%</b>	<b>20,6%</b>	<b>100%</b>

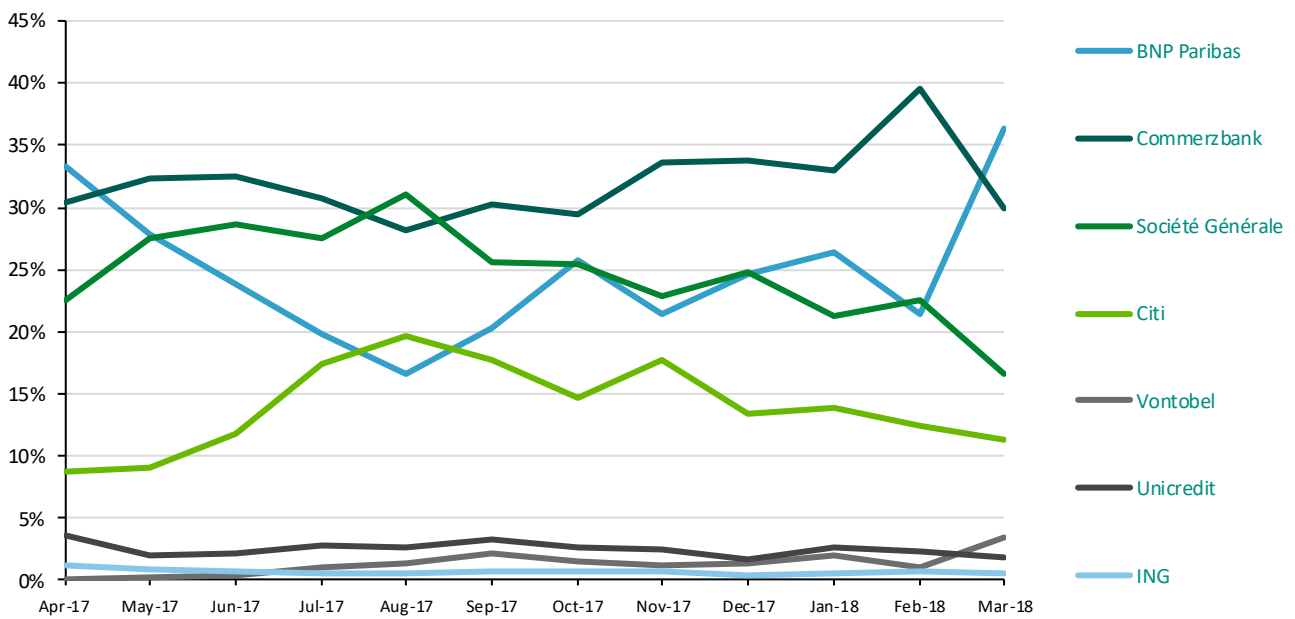
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# ISSUERS

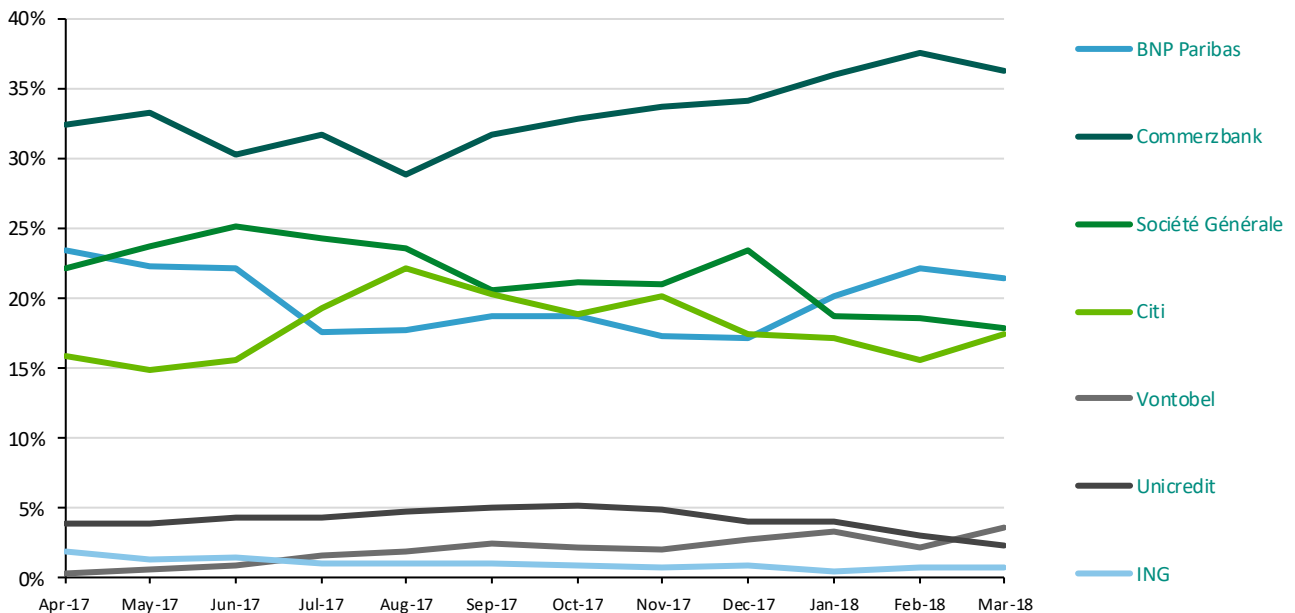
## Market Trend: Value traded

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

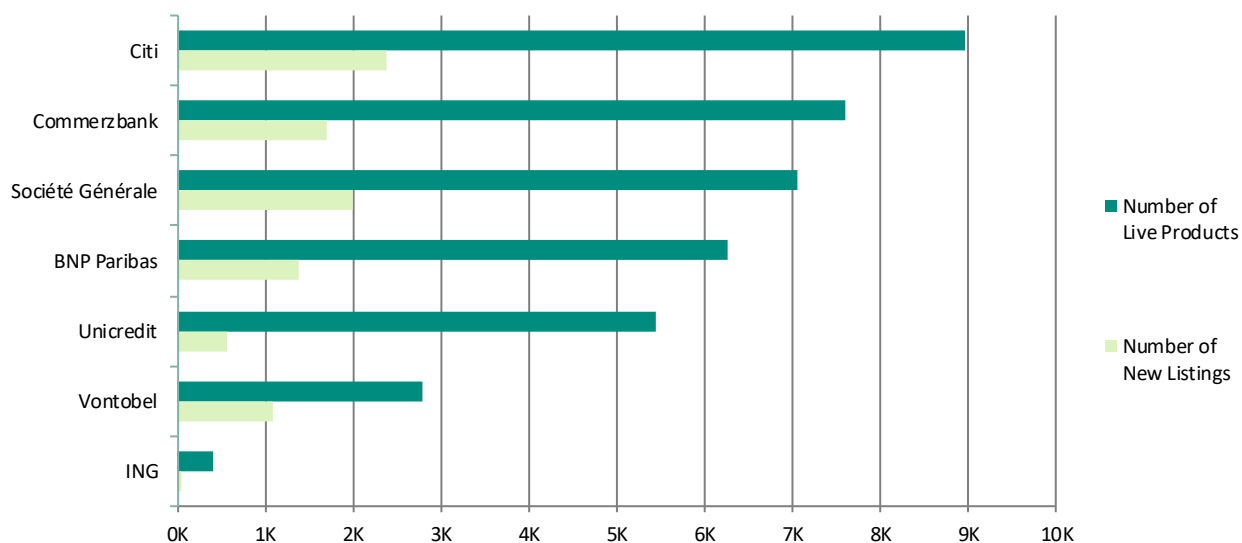
## Product Overview

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
Citi	8 961	3,6%	16,7%	23,3%	2 384	-32%	-4,3%	26,0%
Commerzbank	7 604	5,5%	4,9%	19,7%	1 703	-10,0%	26%	18,6%
Société Générale	7 060	1,2%	-25%	18,3%	1 999	-1,3%	24%	21,8%
BNP Paribas	6 259	4,8%	4,7%	16,2%	1 390	-29%	-23%	15,2%
Unicredit	5 449	-6,9%	2,7%	14,1%	556	-56%	-51%	6,1%
Vontobel	2 782	8,2%	78%	7,2%	1 096	4,2%	55%	12,0%
ING	408	7,8%	-1,2%	1,1%	41	-6,8%	17,1%	0,4%
<b>Total</b>	<b>38 523</b>	<b>2,4%</b>	<b>2,5%</b>	<b>100%</b>	<b>9 169</b>	<b>-22,1%</b>	<b>0,3%</b>	<b>100%</b>

(Source Euronext)

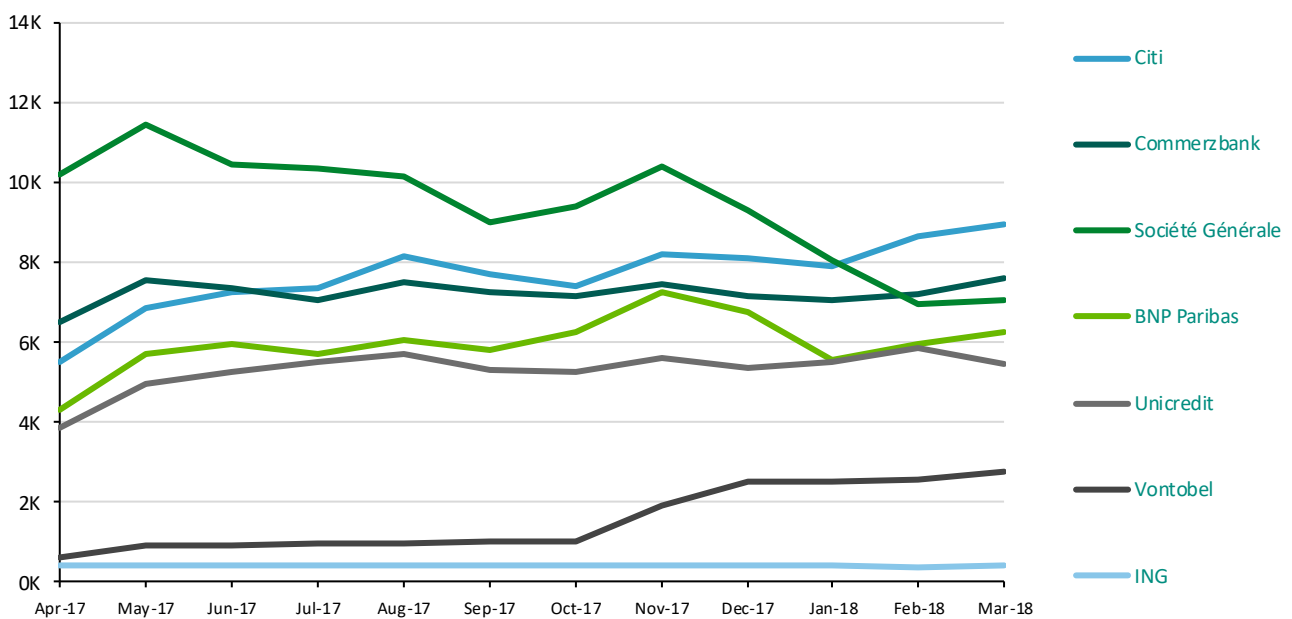




# ISSUERS

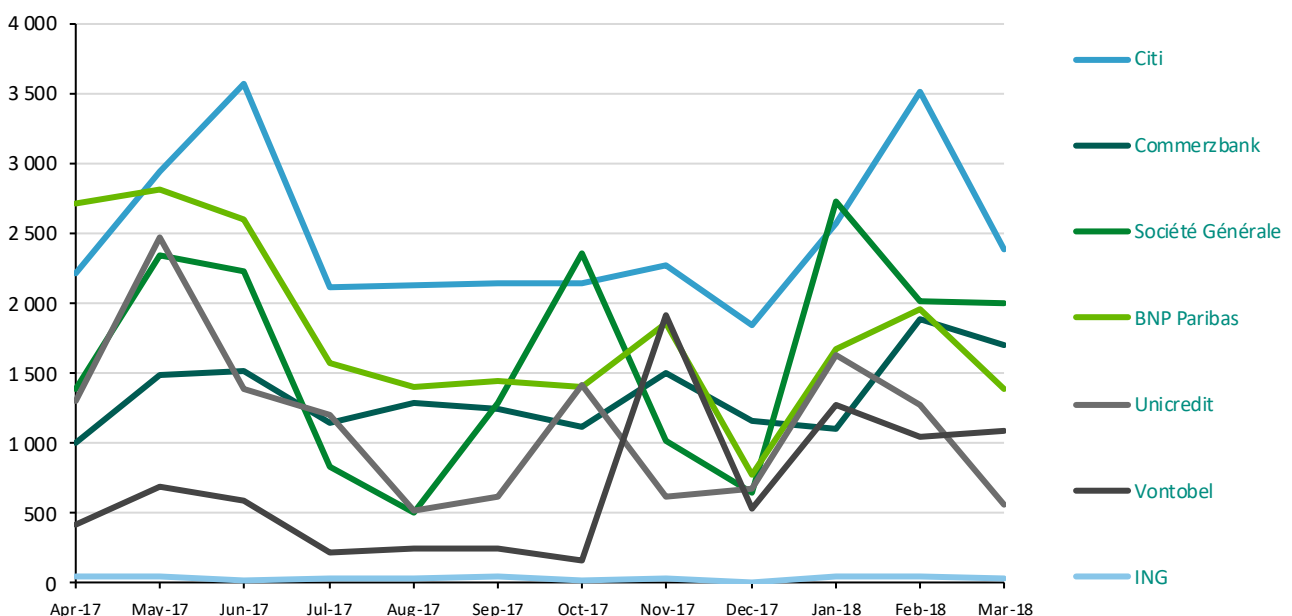
## Product Trend: Number of Live Products

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)

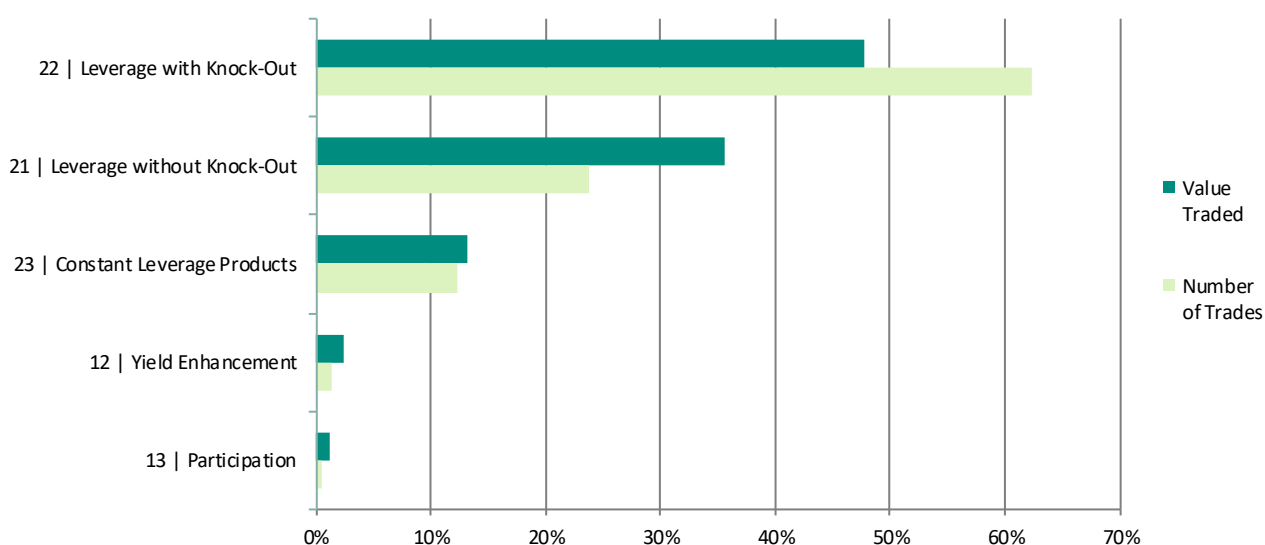
## Market Overview

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	7 655	-13,1%	11,3%	47,7%	3 162	-7,0%	23%	62,3%
21   Leverage without Knock-Out	5 714	89%	60%	35,6%	1 202	-9,7%	11,7%	23,7%
23   Constant Leverage Products	2 108	-17,5%	3,4%	13,1%	621	-9,8%	38%	12,2%
12   Yield Enhancement	384	-13,6%	0,7%	2,4%	69	-13,6%	0,9%	1,4%
13   Participation	180	-19,7%	-47%	1,1%	23	-33%	-45%	0,5%
<b>Total</b>	<b>16 041</b>	<b>6,6%</b>	<b>21,3%</b>	<b>100%</b>	<b>5 078</b>	<b>-8,2%</b>	<b>20,6%</b>	<b>100%</b>

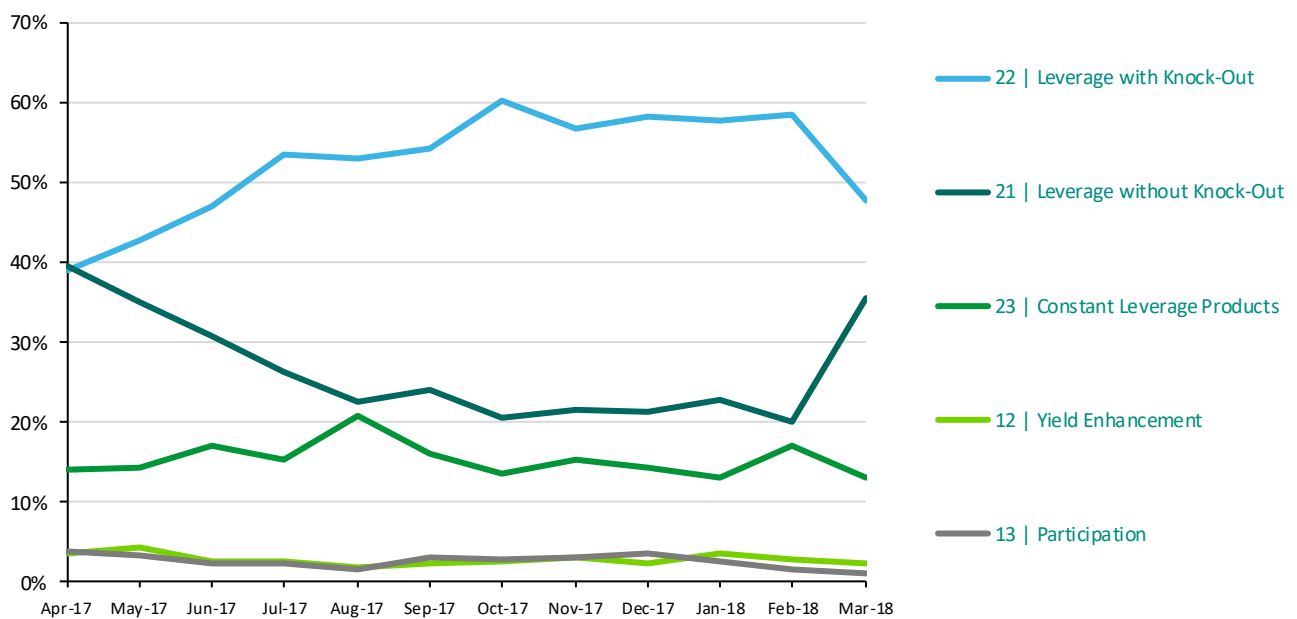
(Source Euronext)



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

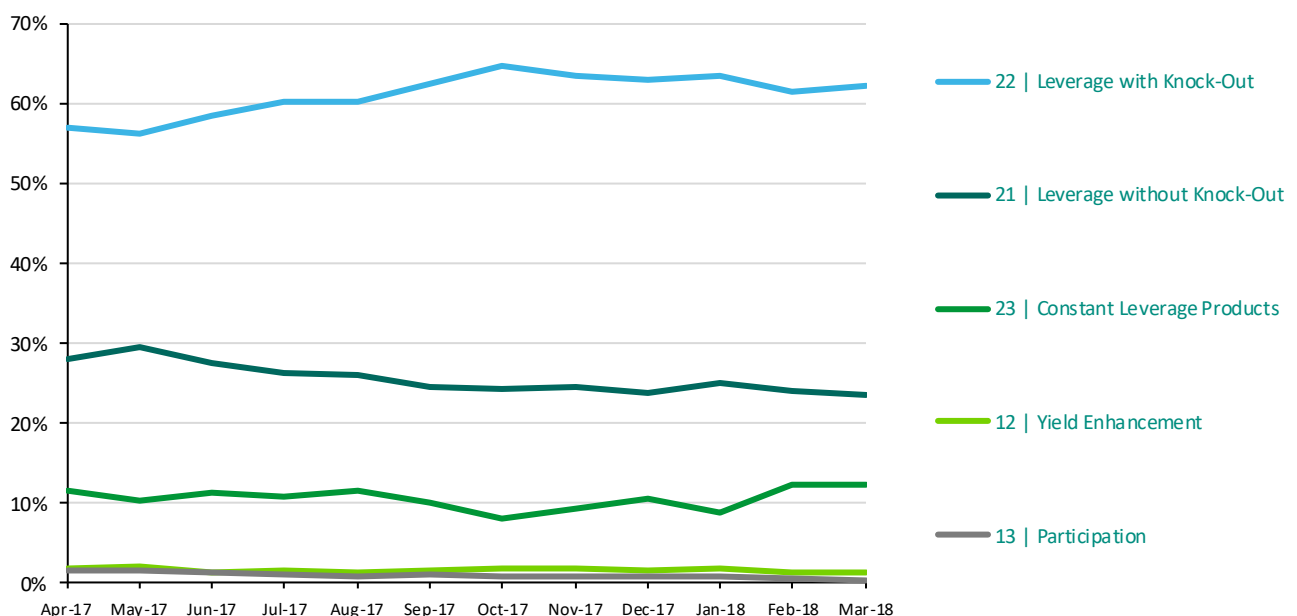
## Market Trend: Value traded

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

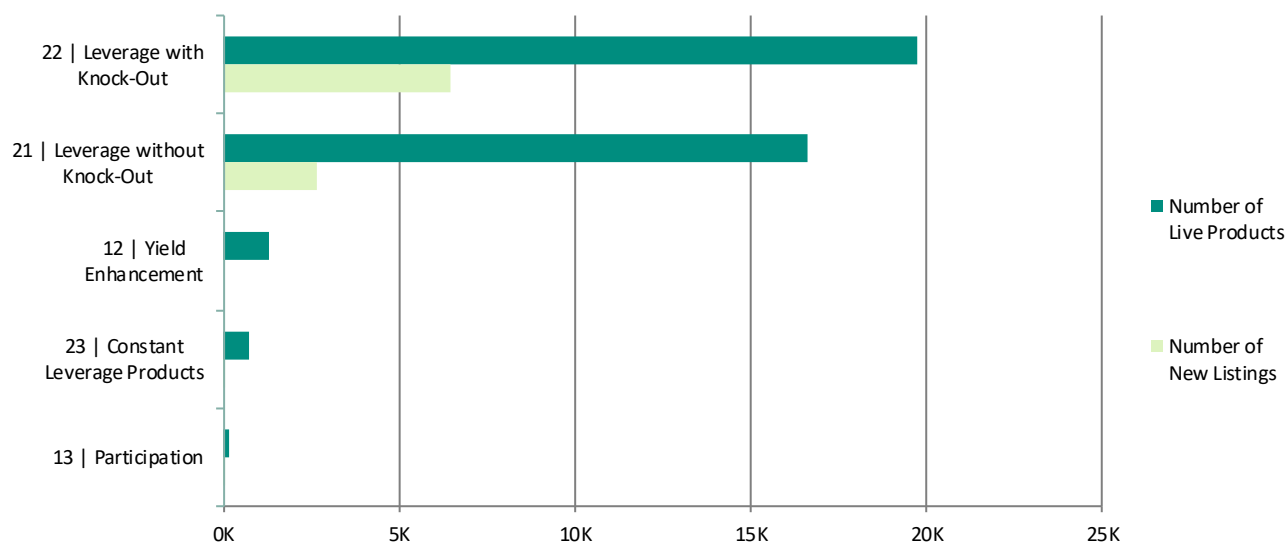
### Product Overview

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	19 755	5,7%	7,7%	51,3%	6 480	-29%	11,9%	70,7%
21   Leverage without Knock-Out	16 621	-1,5%	-2,7%	43,1%	2 667	16,8%	-14,7%	29,1%
12   Yield Enhancement	1 317	6,2%	2,1%	3,4%	0	-100%	-100%	0,0%
23   Constant Leverage Products	701	5,9%	-0,1%	1,8%	19		-62%	0,2%
13   Participation	129	2,7%	-30%	0,3%	3	50%	-22%	0,0%
<b>Total</b>	<b>38 523</b>	<b>2,4%</b>	<b>2,5%</b>	<b>100%</b>	<b>9 169</b>	<b>-22,1%</b>	<b>0,3%</b>	<b>100%</b>

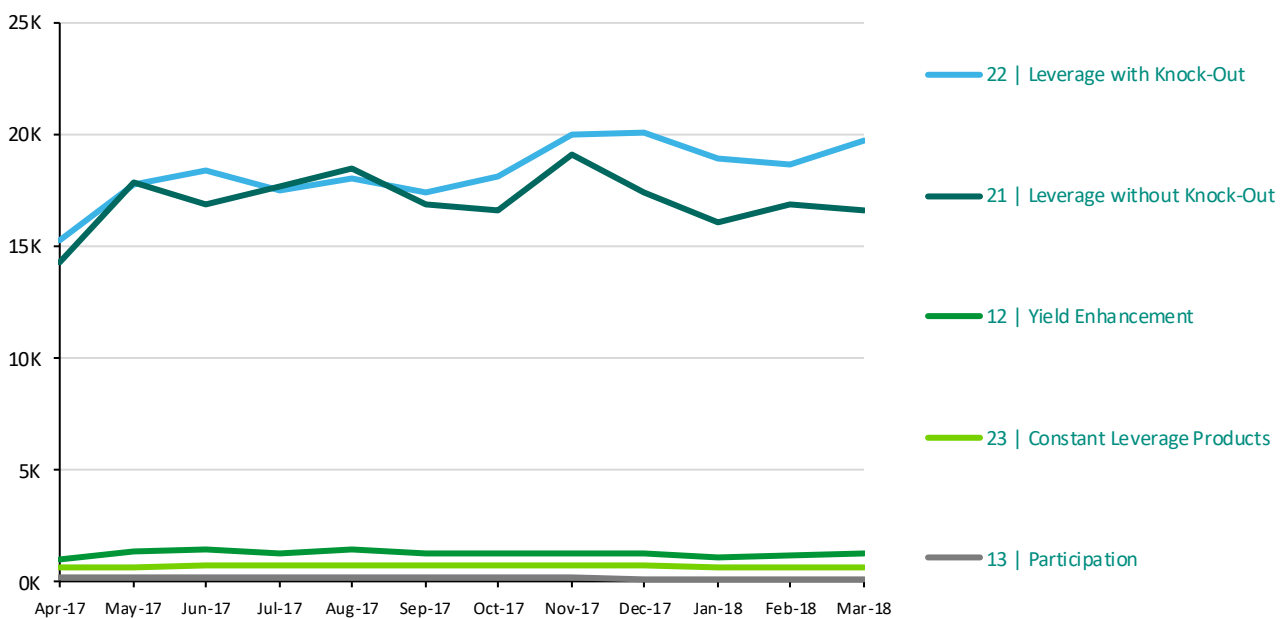
(Source Euronext)



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

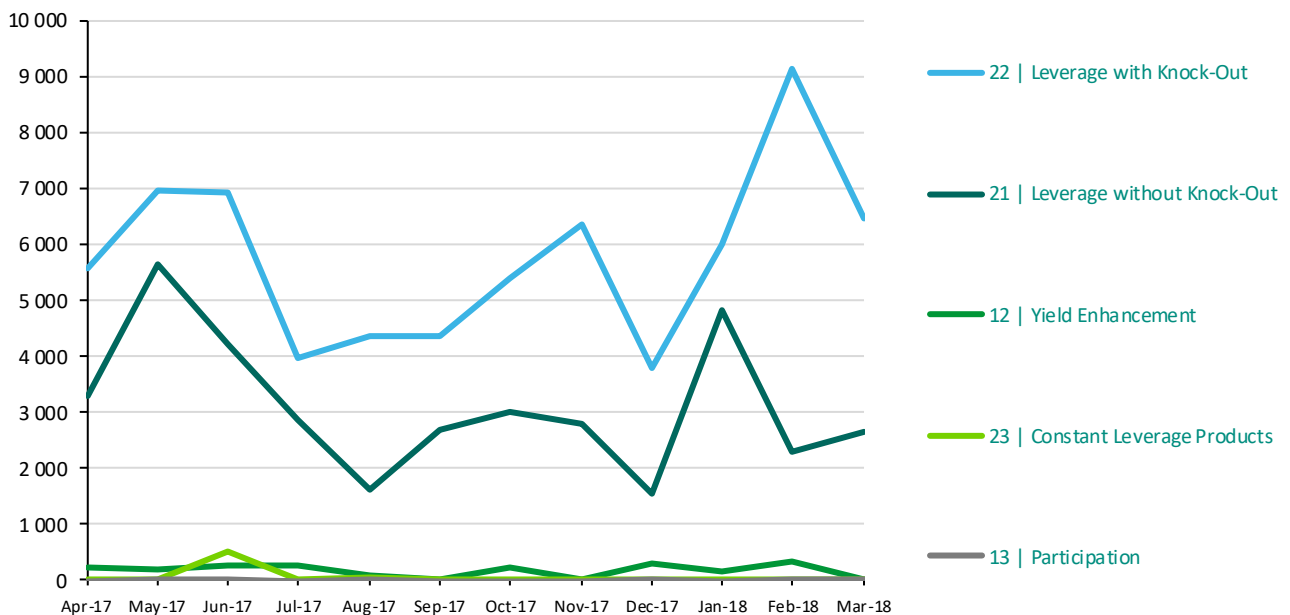
## Product Trend: Number of Live Products

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)

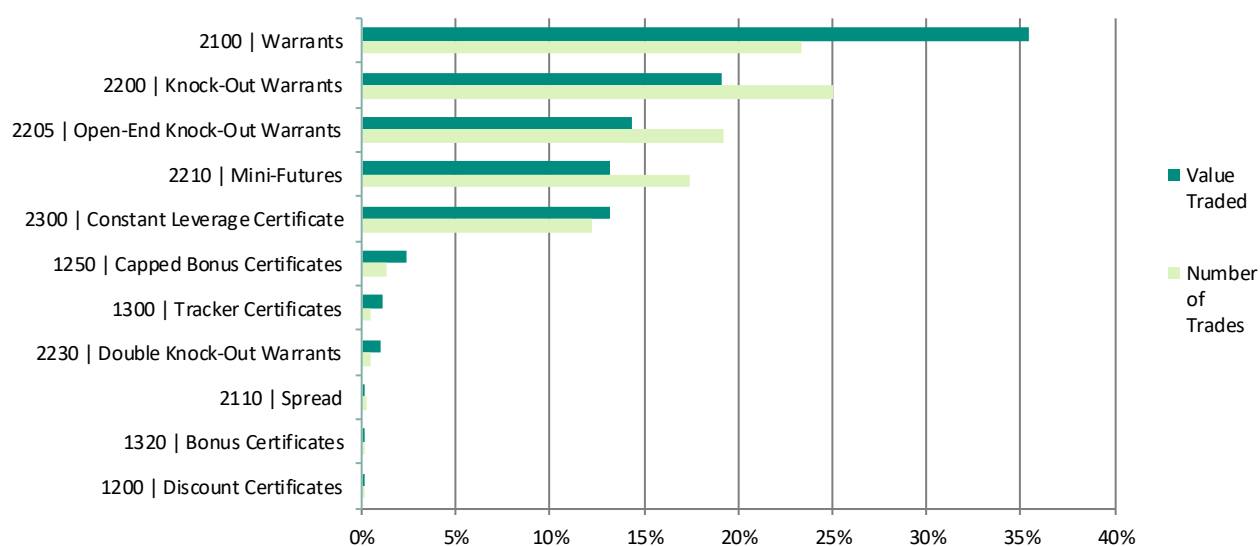
## Market Overview

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
2100   Warrants	5 691	90%	60%	35,5%	1 188	-9,9%	11,3%	23,4%
2200   Knock-Out Warrants	3 074	-9,9%	2,5%	19,2%	1 272	-8,7%	13,9%	25,1%
2205   Open-End Knock-Out Warrants	2 306	-10,7%	29%	14,4%	977	-5,4%	29%	19,2%
2210   Mini-Futures	2 116	-17,8%	9,3%	13,2%	887	-5,1%	30%	17,5%
2300   Constant Leverage Certificate	2 108	-17,5%	3,4%	13,1%	621	-9,8%	38%	12,2%
1250   Capped Bonus Certificates	382	-13,8%	0,8%	2,4%	68	-13,7%	1,0%	1,3%
1300   Tracker Certificates	174	-21%	-47%	1,1%	22	-34%	-46%	0,4%
2230   Double Knock-Out Warrants	159	-34%	-3,3%	1,0%	26	-34%	26%	0,5%
2110   Spread	23	-18,4%	-3,4%	0,1%	15	21%	48%	0,3%
1320   Bonus Certificates	5	86%	-36%	0,0%	0,7	11,9%	-12,1%	0,0%
1200   Discount Certificates	2	50%	-19,3%	0,0%	0,4	36%	-16,5%	0,0%
<b>Total</b>	<b>16 041</b>	<b>6,6%</b>	<b>21,3%</b>	<b>100%</b>	<b>5 078</b>	<b>-8,2%</b>	<b>20,6%</b>	<b>100%</b>

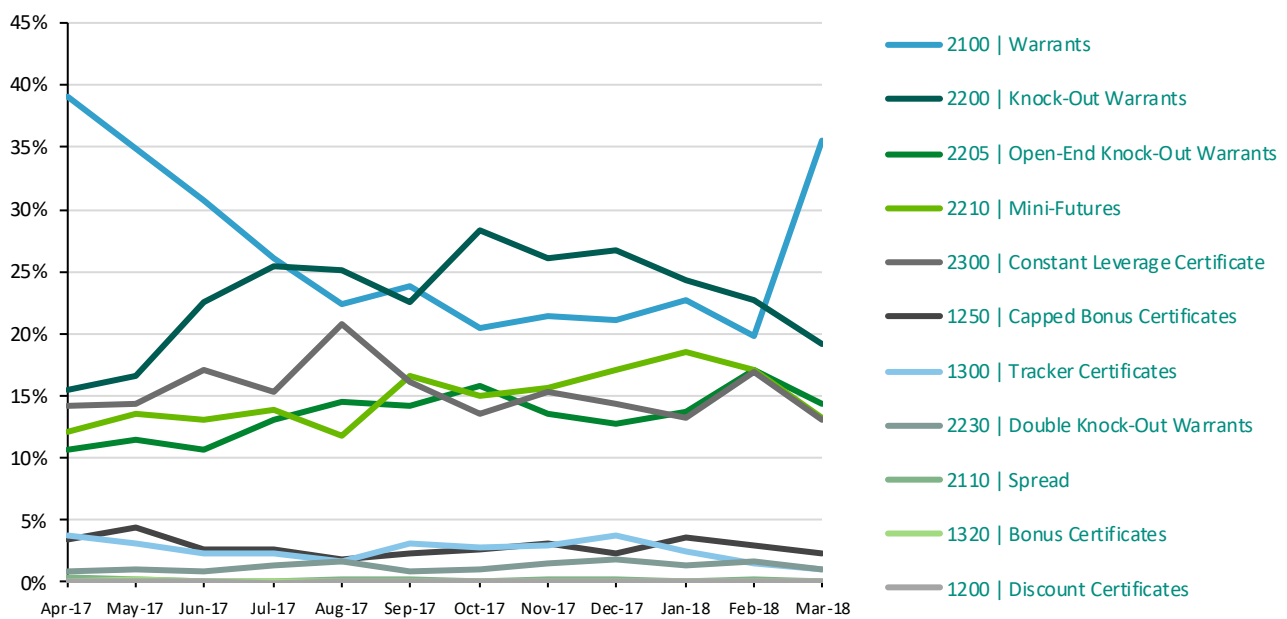
(Source Euronext)



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

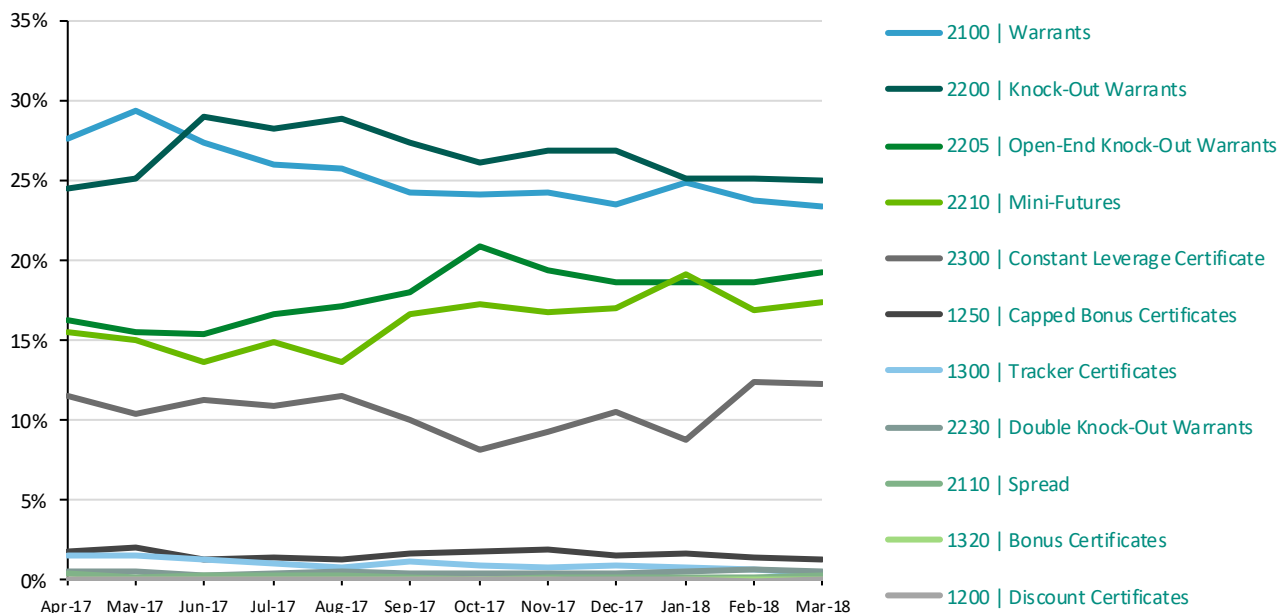
## Market Trend: Value traded

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

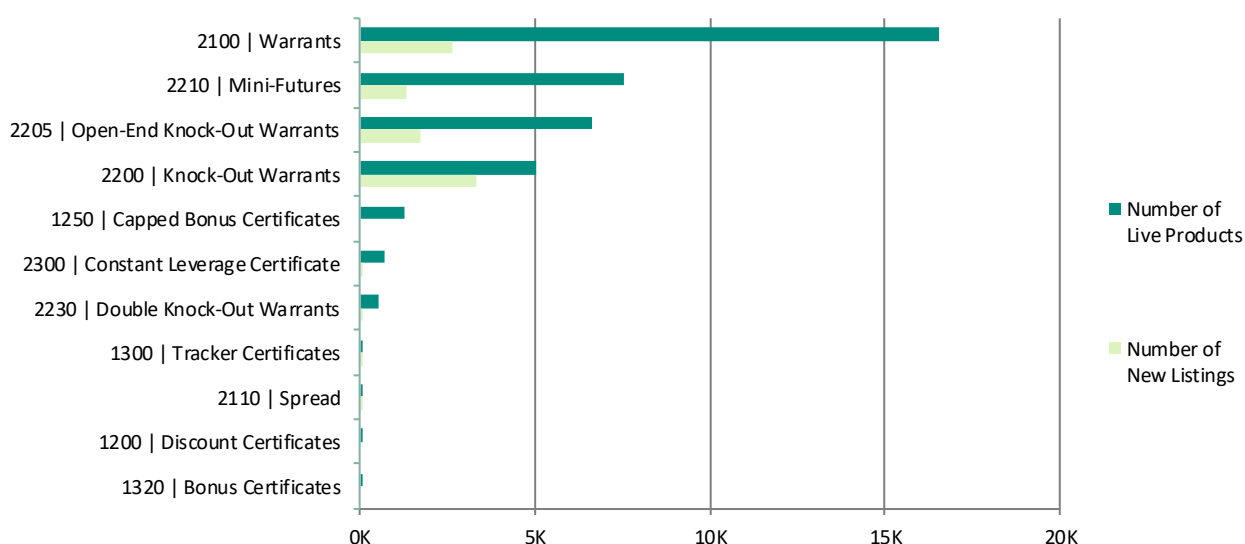
## Product Overview

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	16 547	-1,5%	-2,5%	43,0%	2 639	15,6%	-15,1%	28,8%
2210   Mini-Futures	7 527	6,0%	7,7%	19,5%	1 342	-21%	4,8%	14,6%
2205   Open-End Knock-Out Warrants	6 632	7,0%	7,1%	17,2%	1 732	-11,7%	20%	18,9%
2200   Knock-Out Warrants	5 058	0,9%	1,5%	13,1%	3 309	-36%	10,8%	36,1%
1250   Capped Bonus Certificates	1 262	6,3%	3,6%	3,3%	0	-100%	-100%	0,0%
2300   Constant Leverage Certificate	701	5,9%	-0,1%	1,8%	19		-62%	0,2%
2230   Double Knock-Out Warrants	538	41%	199%	1,4%	97	-69%	18,9%	1,1%
1300   Tracker Certificates	93	6,2%	-29%	0,2%	3	50%	140%	0,0%
2110   Spread	74	-11,4%	-28%	0,2%	28	NA	53%	0,3%
1200   Discount Certificates	55	5,3%	-23%	0,1%	0		-100%	0,0%
1320   Bonus Certificates	36	-5,3%	-34%	0,1%	0		-100%	0,0%
<b>Total</b>	<b>38 523</b>	<b>2,4%</b>	<b>2,5%</b>	<b>100%</b>	<b>9 169</b>	<b>-22,1%</b>	<b>0,3%</b>	<b>100%</b>

(Source Euronext)

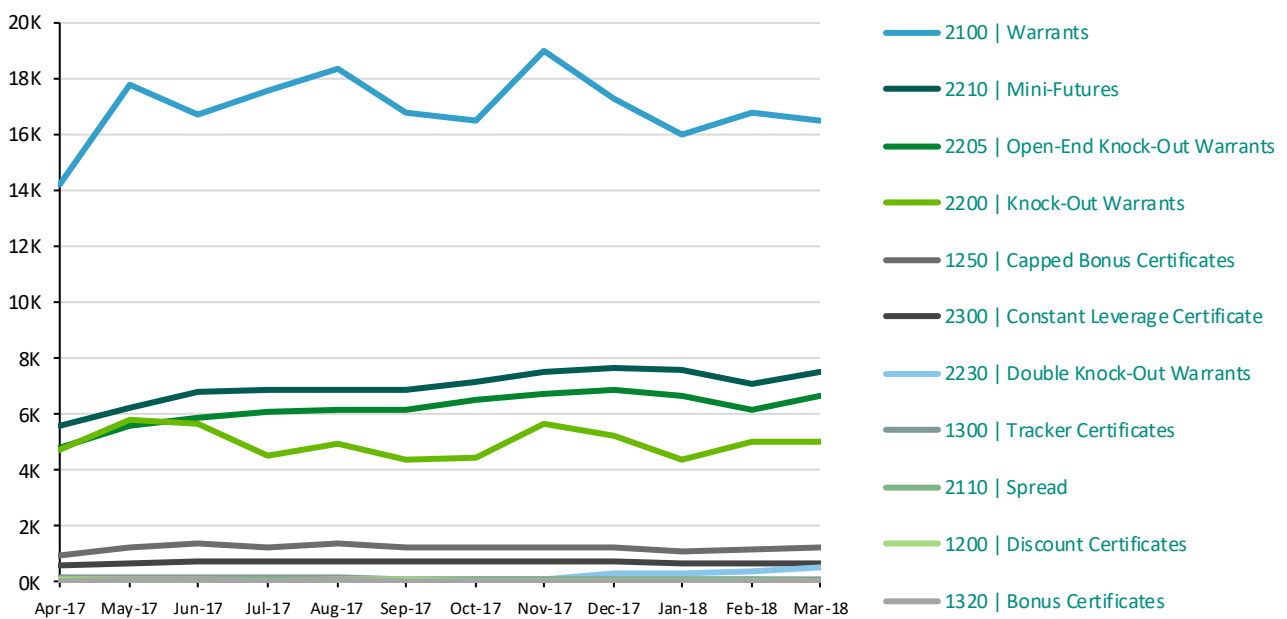




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

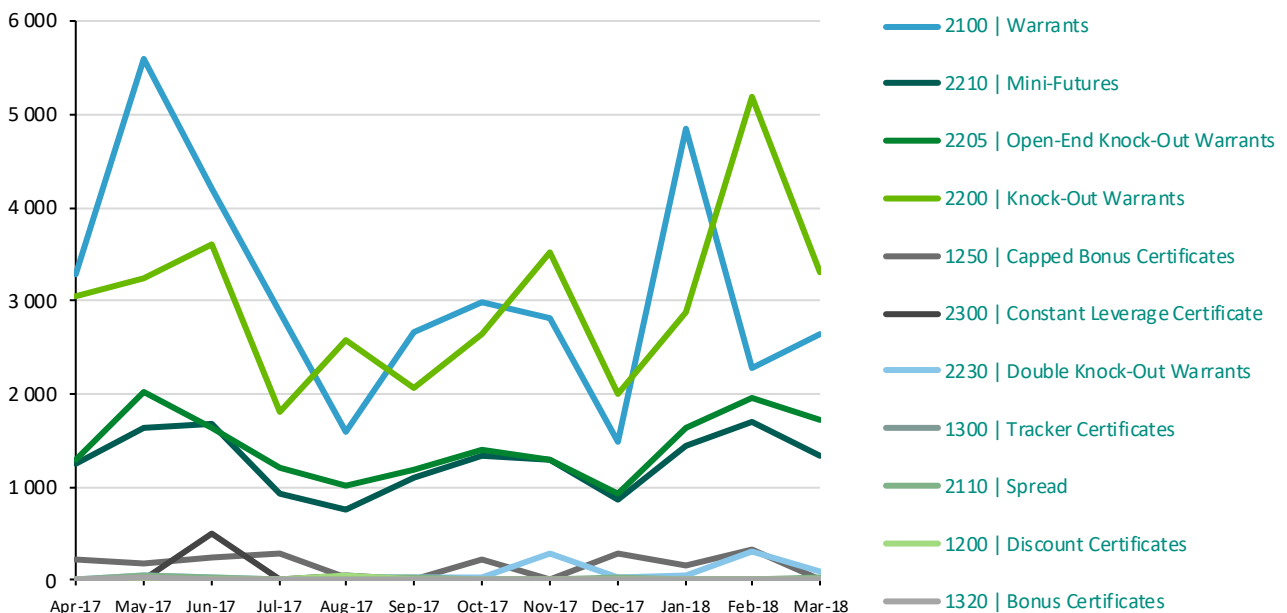
## Product Trend: Number of Live Products

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

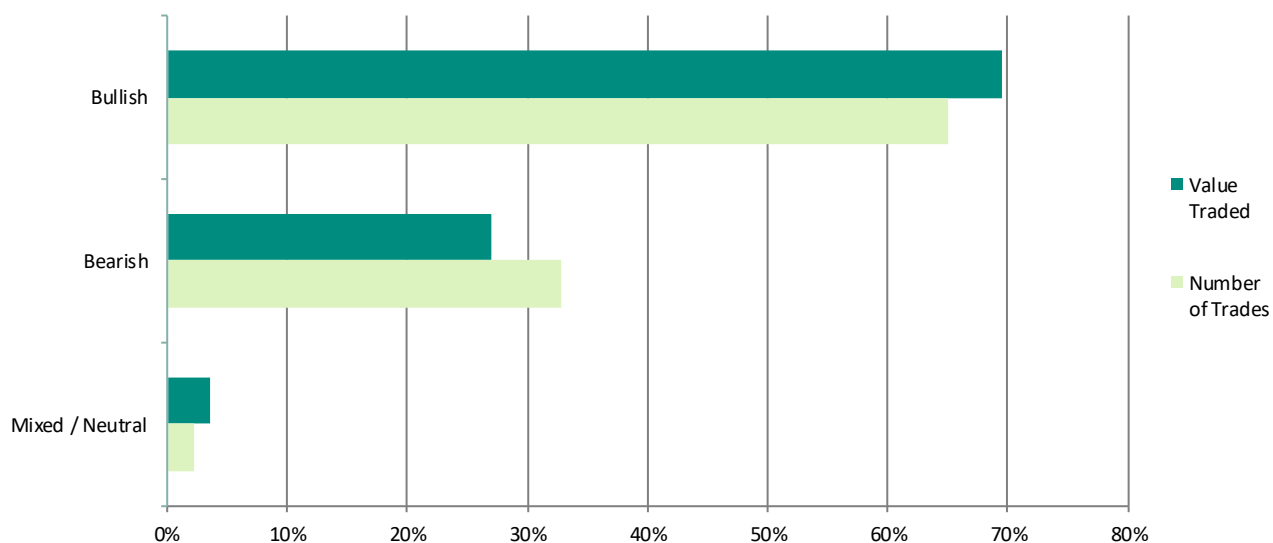
## Market Overview

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	11 158	15,6%	24%	69,6%	3 304	-9,0%	23%	65,1%
Bearish	4 317	-7,9%	17,2%	26,9%	1 664	-6,1%	16,2%	32,8%
Mixed / Neutral	566	-21%	-0,6%	3,5%	109	-16,3%	10,8%	2,2%
Total	16 041	6,6%	21,3%	100%	5 078	-8,2%	20,6%	100%

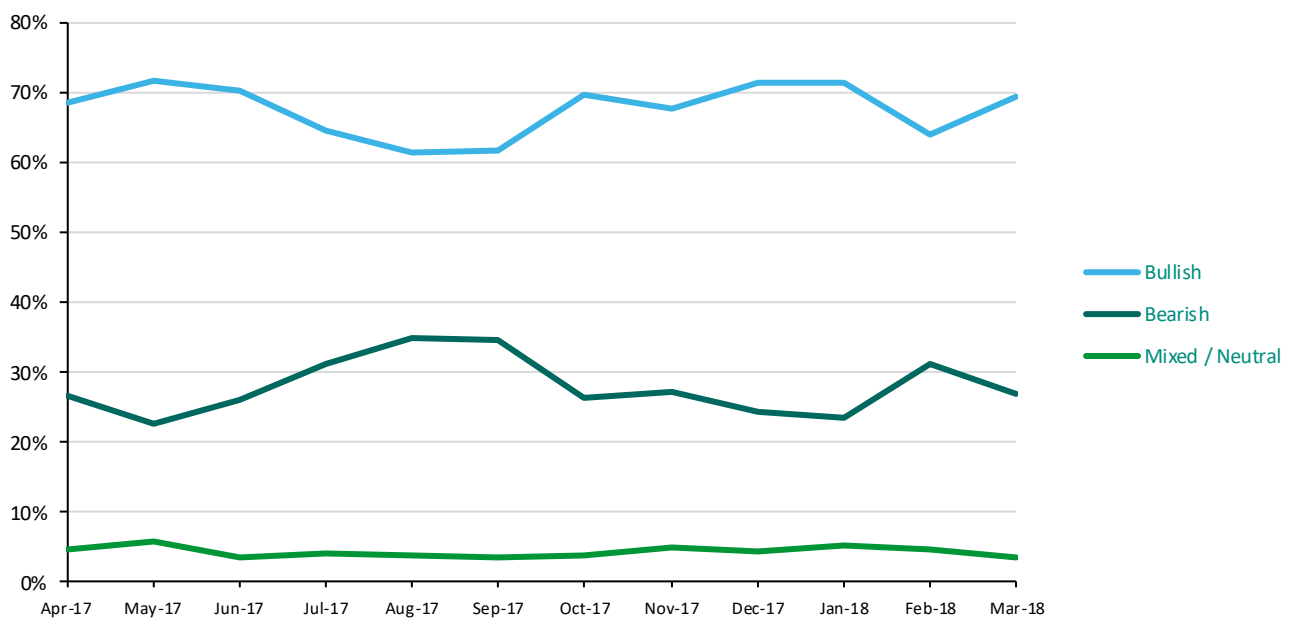
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# PRODUCT STRATEGIES

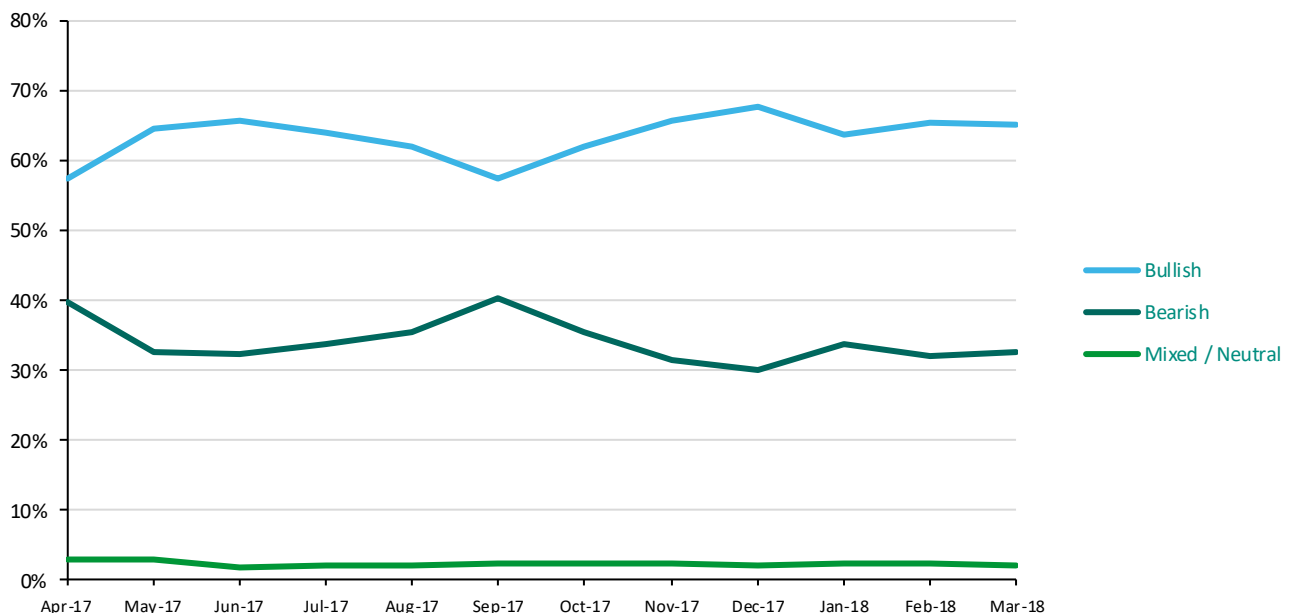
## Market Trend: Value traded

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

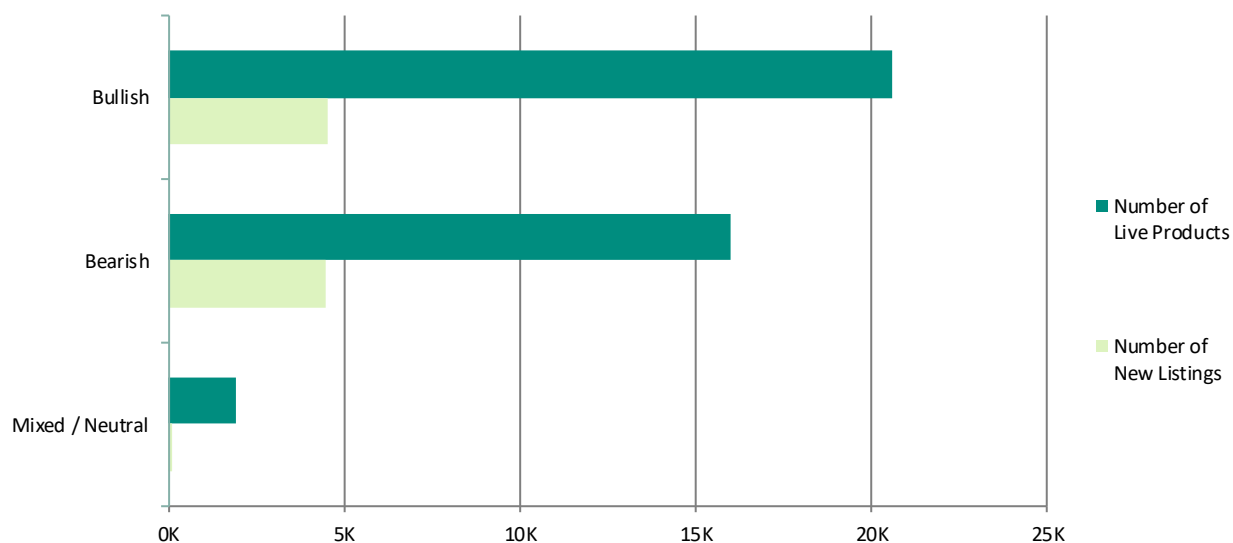
## Product Overview

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	20 617	1,4%	-4,1%	53,5%	4 550	-18,9%	-1,4%	49,6%
Bearish	15 976	2,6%	10,0%	41,5%	4 494	-18,5%	5,6%	49,0%
Mixed / Neutral	1 929	13,1%	23%	5,0%	125	-81%	-54%	1,4%
<b>Total</b>	<b>38 523</b>	<b>2,4%</b>	<b>2,5%</b>	<b>100%</b>	<b>9 169</b>	<b>-22,1%</b>	<b>0,3%</b>	<b>100%</b>

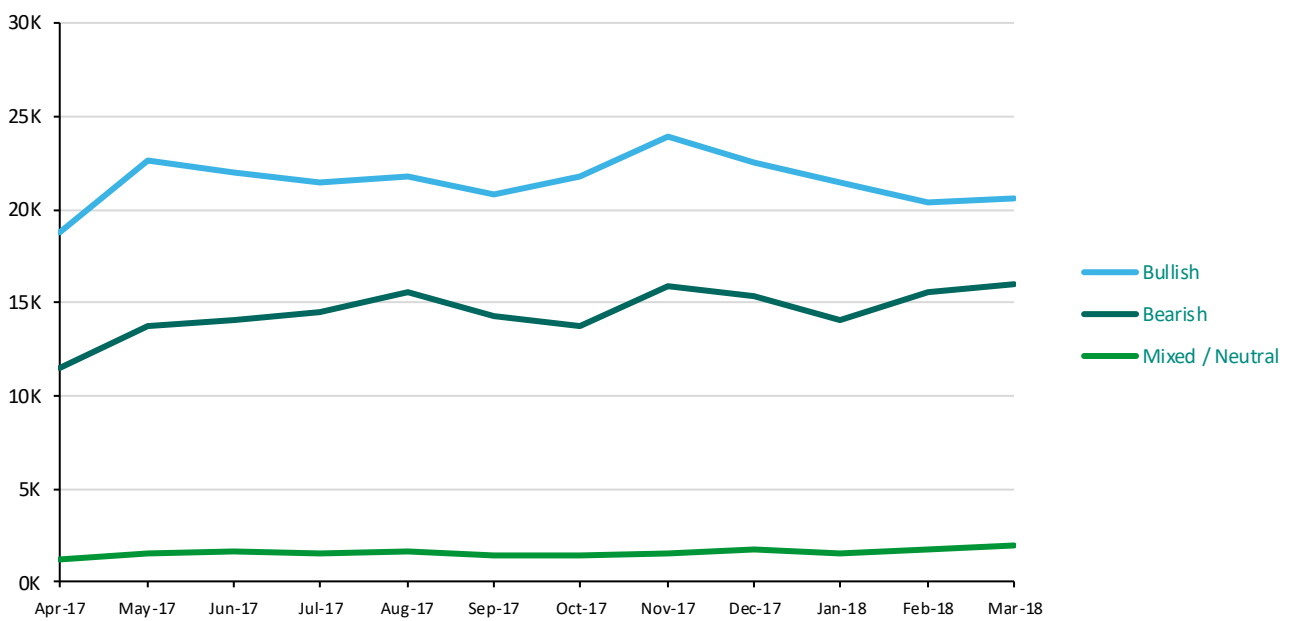
(Source Euronext)



# PRODUCT STRATEGIES

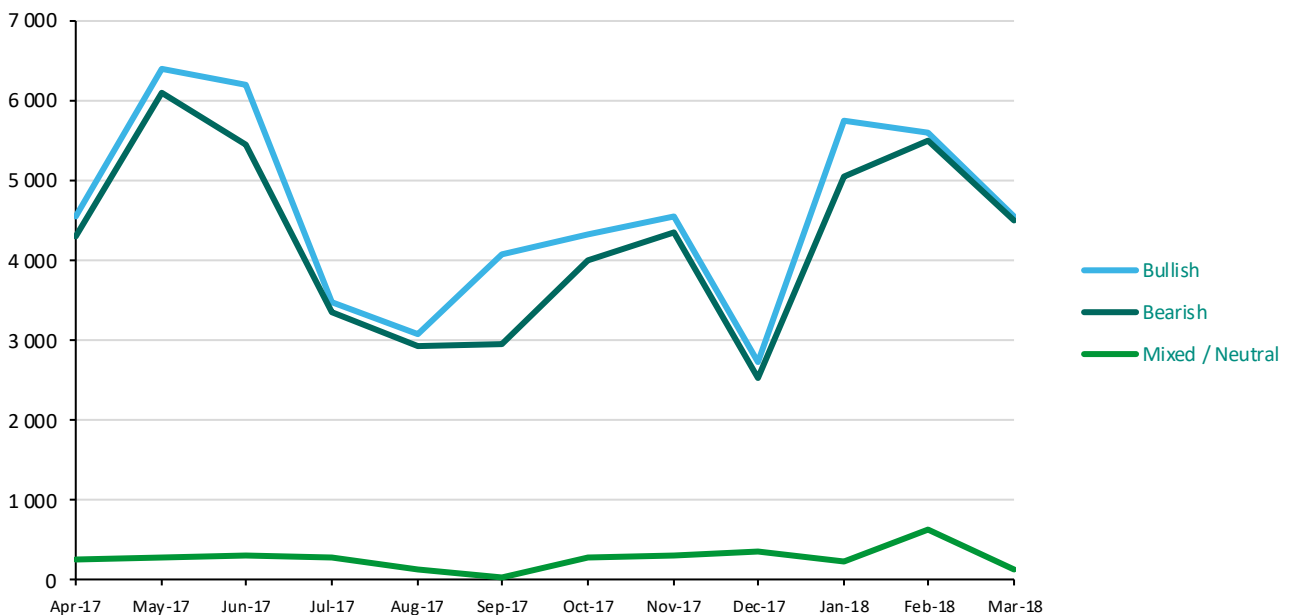
## Product Trend: Number of Live Products

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

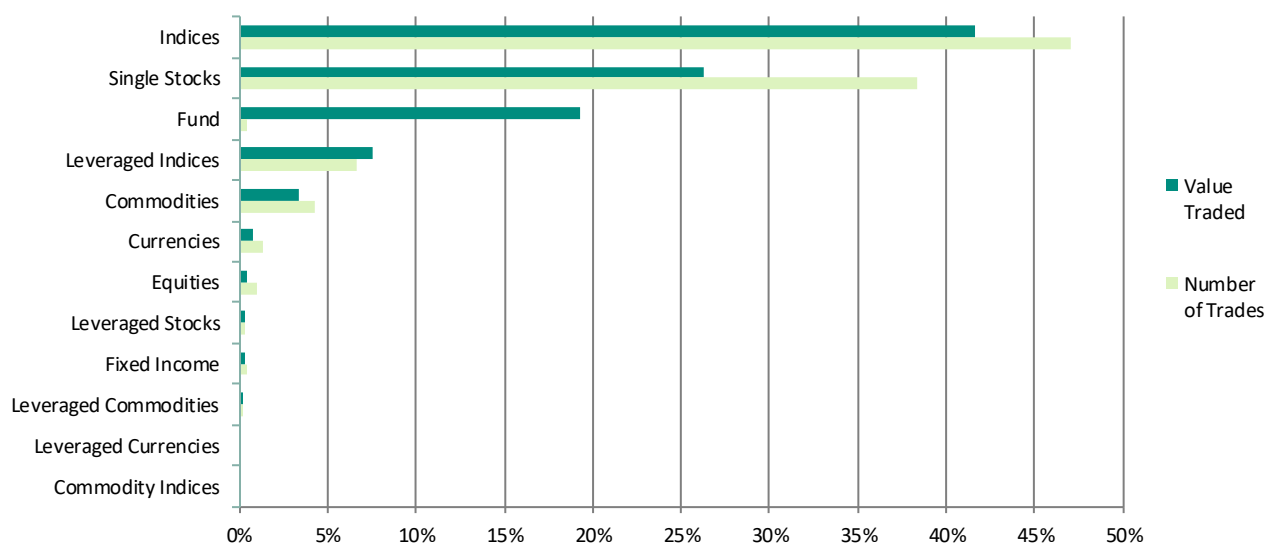
## Market Overview

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	6 672	-12,5%	14,0%	41,6%	2 387	-8,7%	24%	47,0%
Single Stocks	4 211	-12,2%	-1,3%	26,2%	1 950	-10,0%	17,5%	38,4%
Fund	3 090	NA	252%	19,3%	23	403%	73%	0,4%
Leveraged Indices	1 204	-14,2%	-1,3%	7,5%	339	-7,9%	42%	6,7%
Commodities	545	-4,1%	-19,4%	3,4%	214	-0,1%	-5,8%	4,2%
Currencies	127	-47%	-31%	0,8%	67	-33%	-15,1%	1,3%
Equities	65	184%	60%	0,4%	49	174%	171%	1,0%
Leveraged Stocks	50	-25%	-2,7%	0,3%	16	-24%	-6,1%	0,3%
Fixed Income	43	21%	98%	0,3%	22	46%	89%	0,4%
Leveraged Commodities	34	65%	30%	0,2%	9,7	0,8%	-33%	0,2%
Leveraged Currencies	0	-94%	-91%	0,0%	0,1	-70%	-73%	0,0%
Commodity Indices	0	-100%	-100%	0,0%	0,0	-100%	-100%	0,0%
<b>Total</b>	<b>16 041</b>	<b>6,6%</b>	<b>21,3%</b>	<b>100%</b>	<b>5 078</b>	<b>-8,2%</b>	<b>20,6%</b>	<b>100%</b>

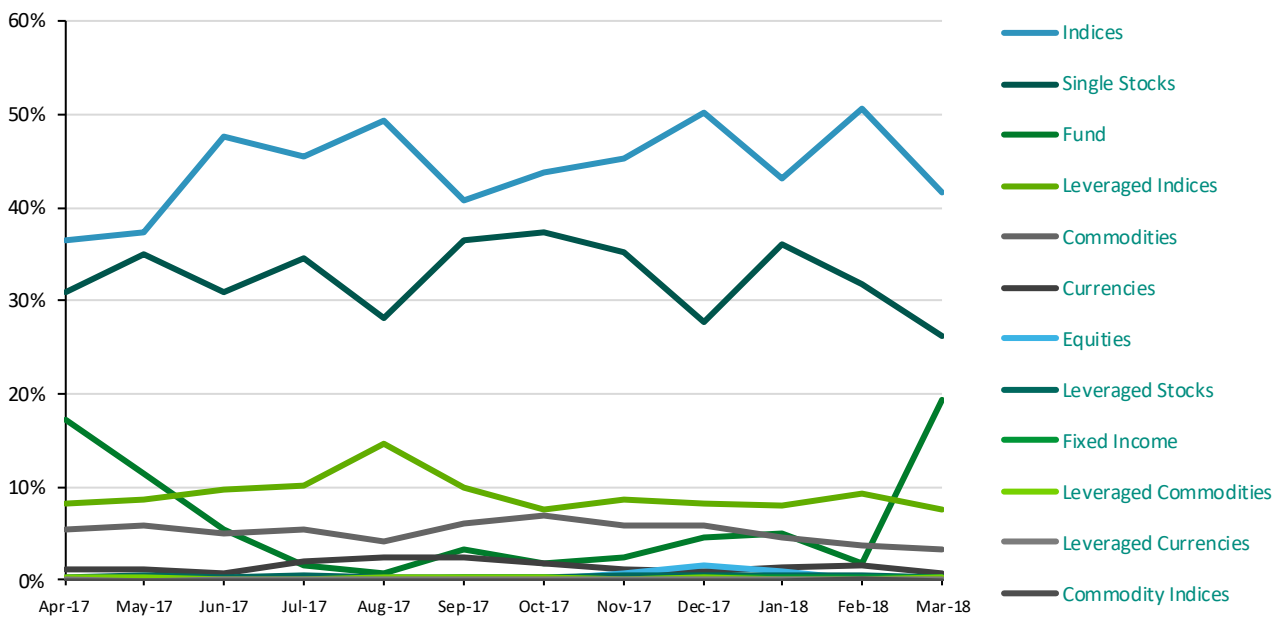
(Source Euronext)



# UNDERLYING TYPES

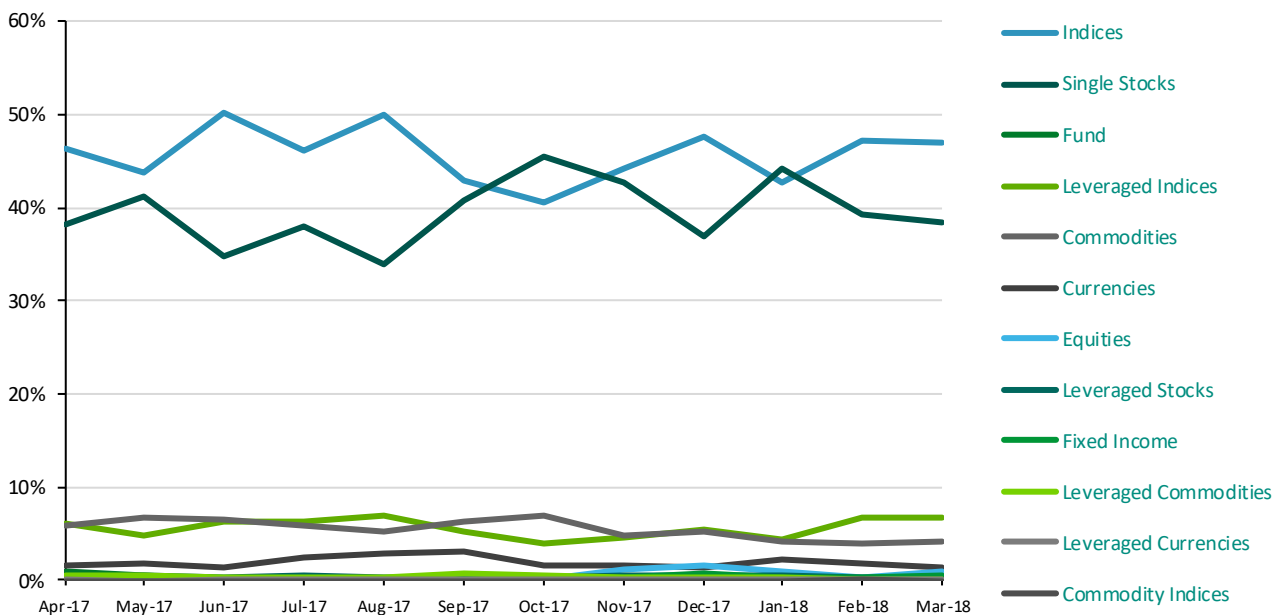
## Market Trend: Value traded

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

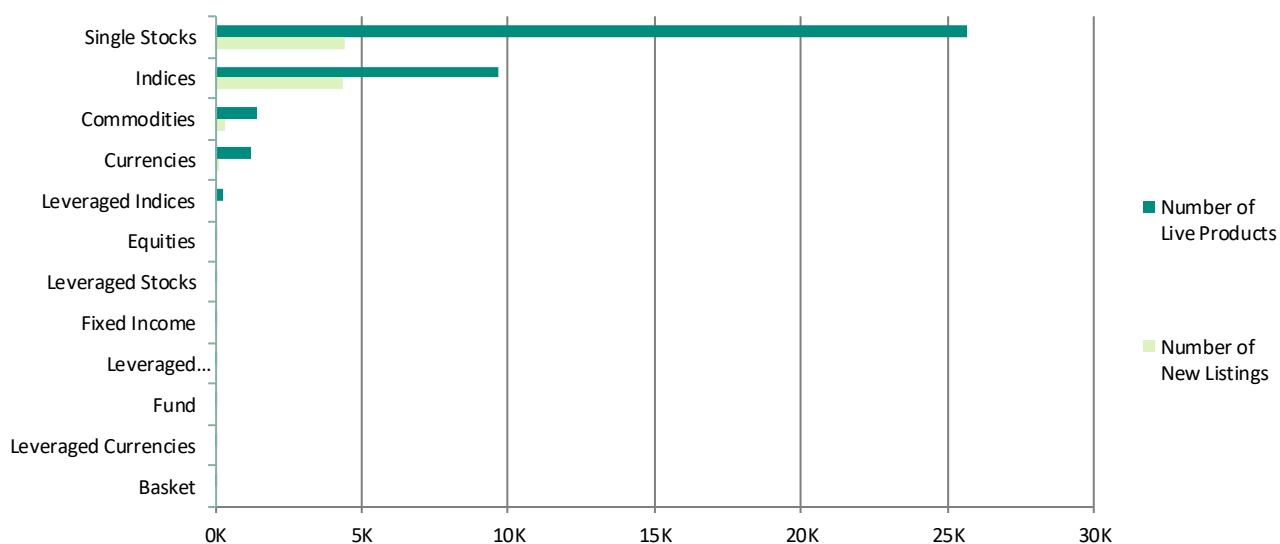
## Product Overview

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	25 655	0,4%	-2,5%	66,6%	4 383	-24%	-19,5%	47,8%
Indices	9 639	6,7%	17,4%	25,0%	4 311	-22%	35%	47,0%
Commodities	1 384	8,6%	-1,9%	3,6%	311	40%	13,7%	3,4%
Currencies	1 180	6,8%	14,2%	3,1%	133	-37%	-15,5%	1,5%
Leveraged Indices	264	4,9%	-5,0%	0,7%	0		-100%	0,0%
Equities	83	5,4%	57%	0,2%	29	-26%	52%	0,3%
Leveraged Stocks	82	4,1%	3,6%	0,2%	0		-100%	0,0%
Fixed Income	80	5,3%	15,5%	0,2%	1	-50%	-67%	0,0%
Leveraged Commodities	73	1,3%	4,1%	0,2%	0		-100%	0,0%
Fund	67	6,7%	12,5%	0,2%	1	-50%	-29%	0,0%
Leveraged Currencies	10	5,3%	0,9%	0,0%	0			0,0%
Basket	5	20%	20,0%	0,0%	0		-100%	0,0%
<b>Total</b>	<b>38 523</b>	<b>2,4%</b>	<b>2,5%</b>	<b>100%</b>	<b>9 169</b>	<b>-22,1%</b>	<b>0,3%</b>	<b>100%</b>

(Source Euronext)

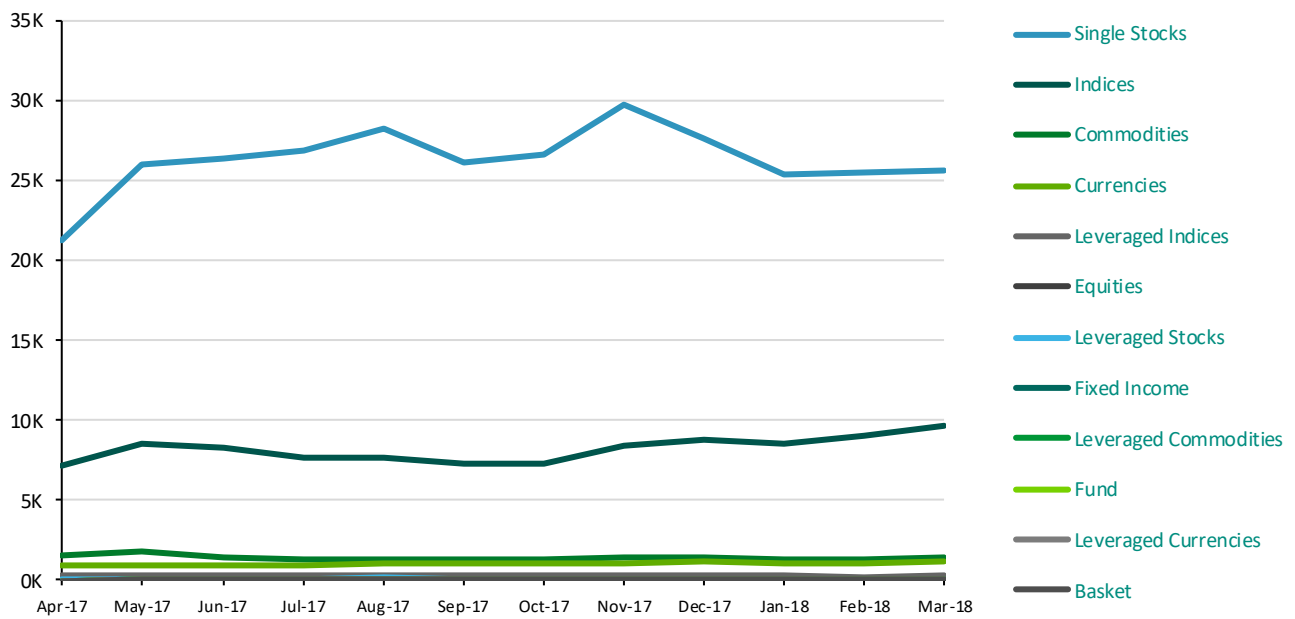




# UNDERLYING TYPES

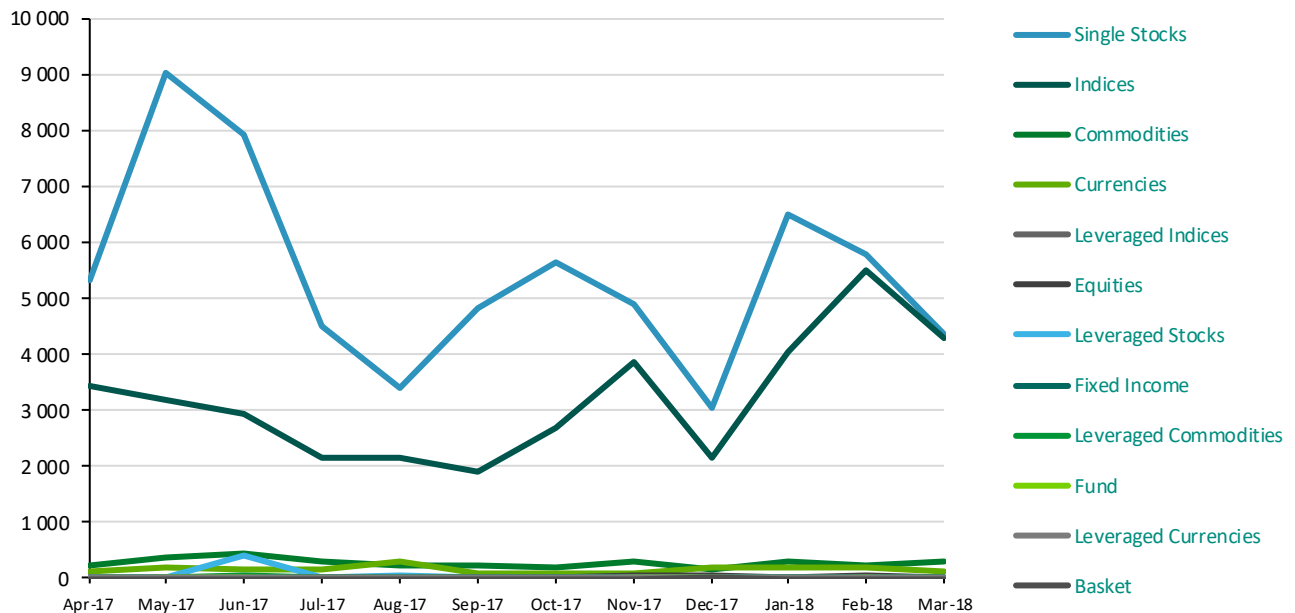
## Product Trend: Number of Live Products

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

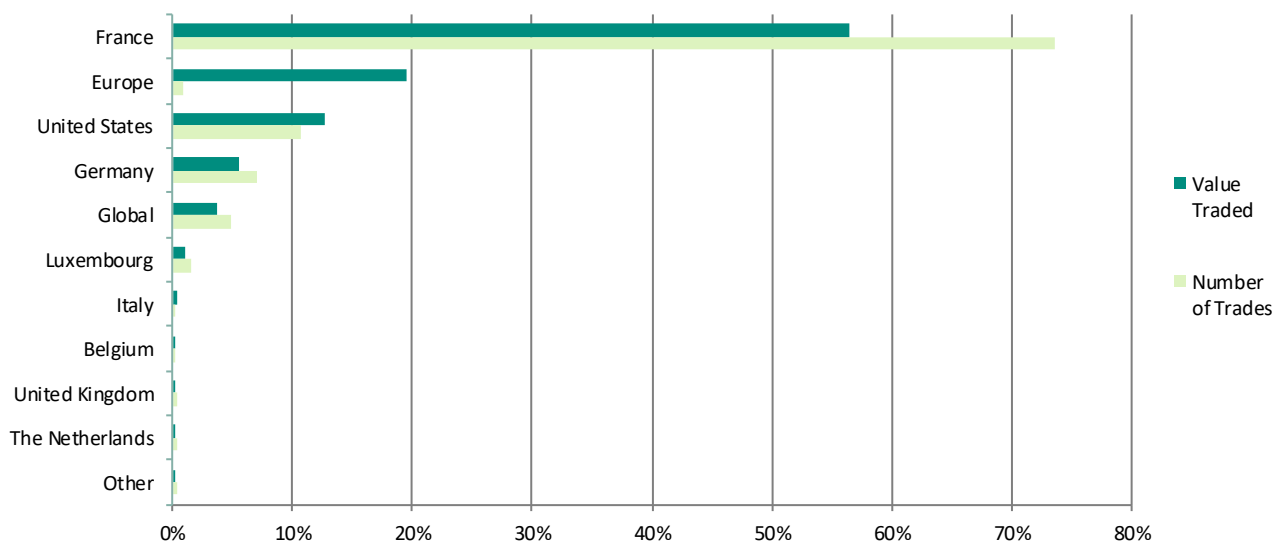
### Market Overview

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	9 069	-15,6%	-2,6%	56,5%	3 742	-10,6%	19,3%	73,7%
Europe	3 141	833%	227%	19,6%	42	67%	29%	0,8%
United States	2 023	-9,8%	83%	12,6%	544	-5,6%	49%	10,7%
Germany	888	10,1%	21%	5,5%	360	6,7%	27%	7,1%
Global	601	-5,0%	-19,2%	3,7%	242	-7,0%	-9,5%	4,8%
Luxembourg	153	41%	-1,8%	1,0%	77	38%	44%	1,5%
Italy	58	329%	79%	0,4%	8,5	3,6%	33%	0,2%
Belgium	38	33%	35%	0,2%	13	-17,2%	13,5%	0,3%
United Kingdom	19	-46%	-37%	0,1%	13	-38%	-0,5%	0,3%
The Netherlands	15	44%	-70%	0,1%	15	88%	-50%	0,3%
Other	35	-58%	-70%	0,2%	20	-49%	-50%	0,4%
<b>Total</b>	<b>16 041</b>	<b>6,6%</b>	<b>21,3%</b>	<b>100%</b>	<b>5 078</b>	<b>-8,2%</b>	<b>20,6%</b>	<b>100%</b>

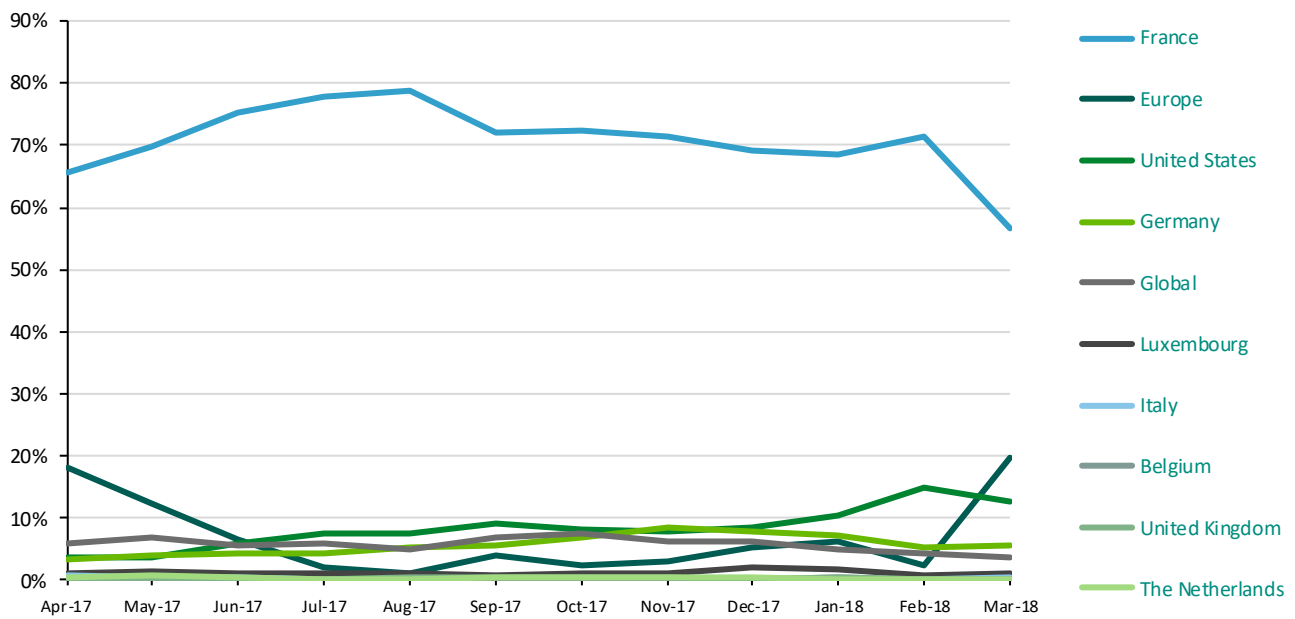
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

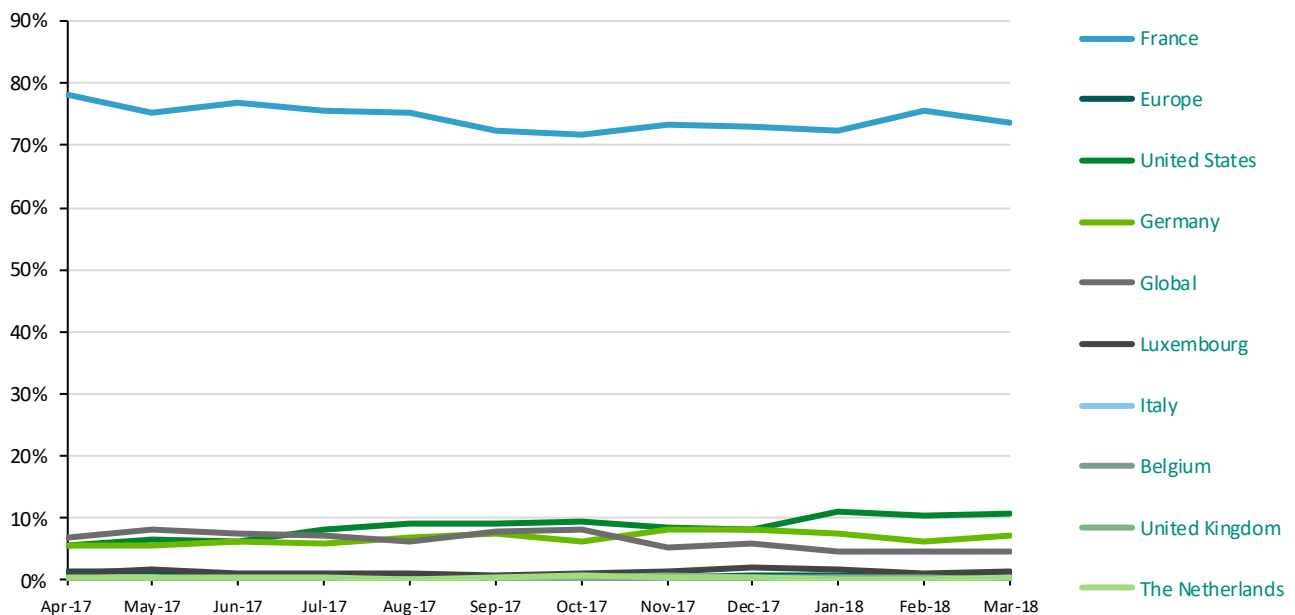
## Market Trend: Value traded

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

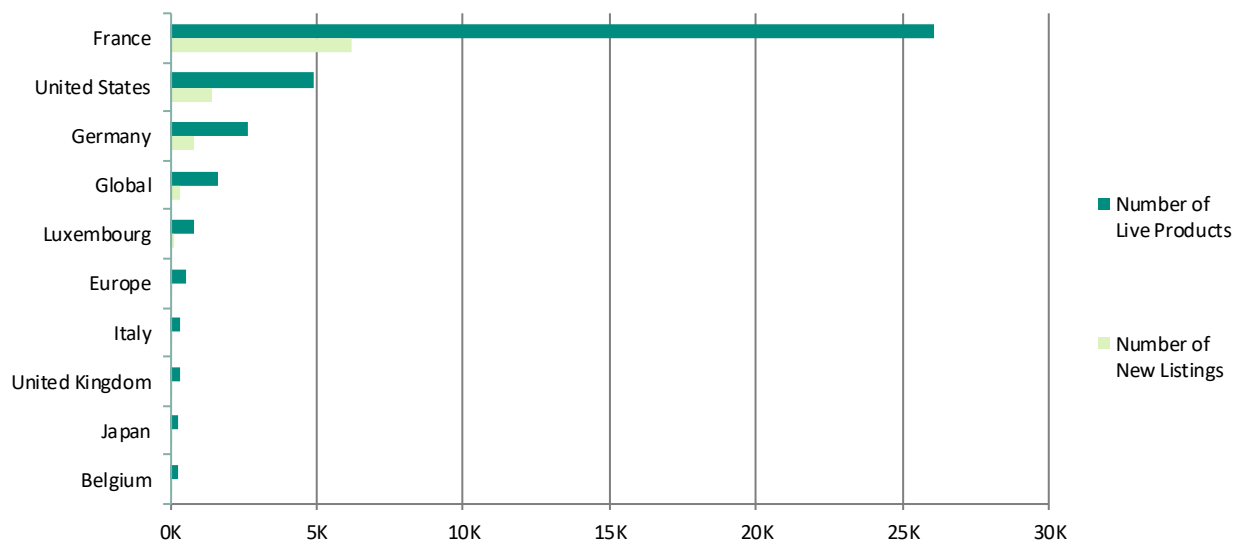
## Product Overview

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	26 053	1,6%	-1,5%	67,6%	6 210	-21%	-4,6%	67,7%
United States	4 914	6,6%	23%	12,8%	1 442	-25%	37%	15,7%
Germany	2 611	3,2%	9,7%	6,8%	816	-22%	22%	8,9%
Global	1 618	7,8%	-2,2%	4,2%	321	40%	10,2%	3,5%
Luxembourg	813	1,9%	15,1%	2,1%	147	-32%	-23%	1,6%
Europe	549	2,6%	5,5%	1,4%	70	-49%	-18,1%	0,8%
Italy	356	-8,7%	7,5%	0,9%	4	-92%	-93%	0,0%
United Kingdom	351	1,2%	37%	0,9%	47	-24%	-18,4%	0,5%
Japan	270	4,2%	27%	0,7%	8	-85%	-76%	0,1%
Belgium	245	-3,8%	8,7%	0,6%	13	-41%	-69%	0,1%
Other	742	-0,3%	-13,2%	1,9%	91	-52%	-41%	1,0%
<b>Total</b>	<b>38 523</b>	<b>2,4%</b>	<b>2,5%</b>	<b>100%</b>	<b>9 169</b>	<b>-22,1%</b>	<b>0,3%</b>	<b>100%</b>

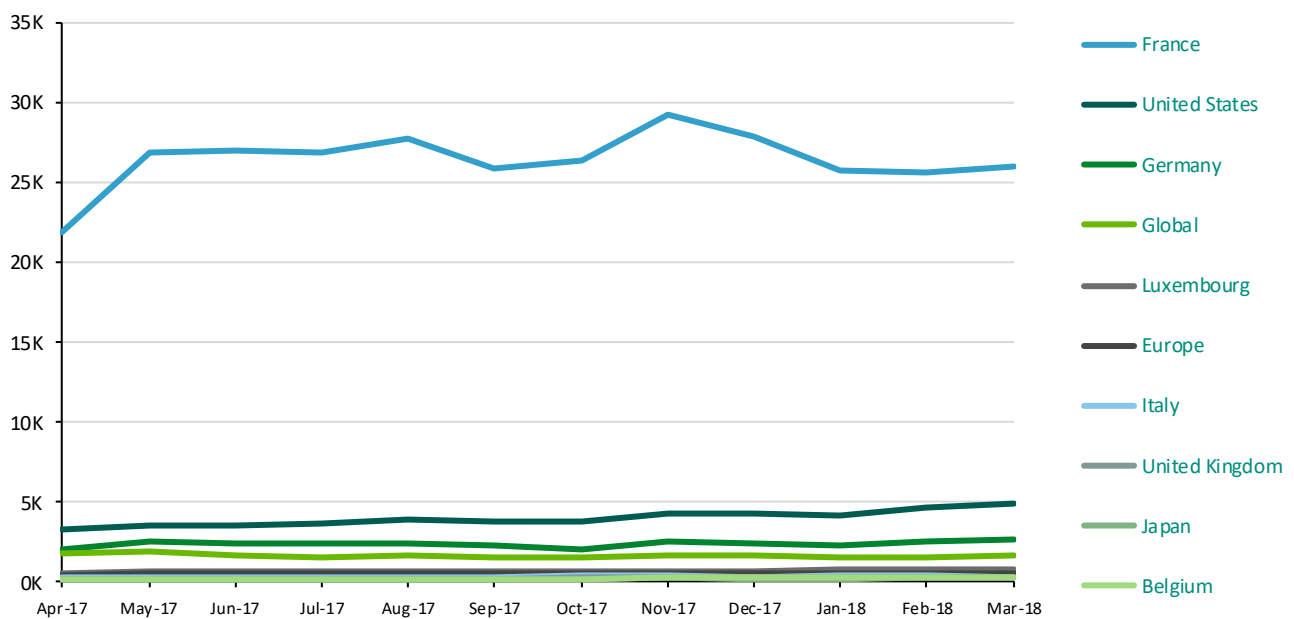
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

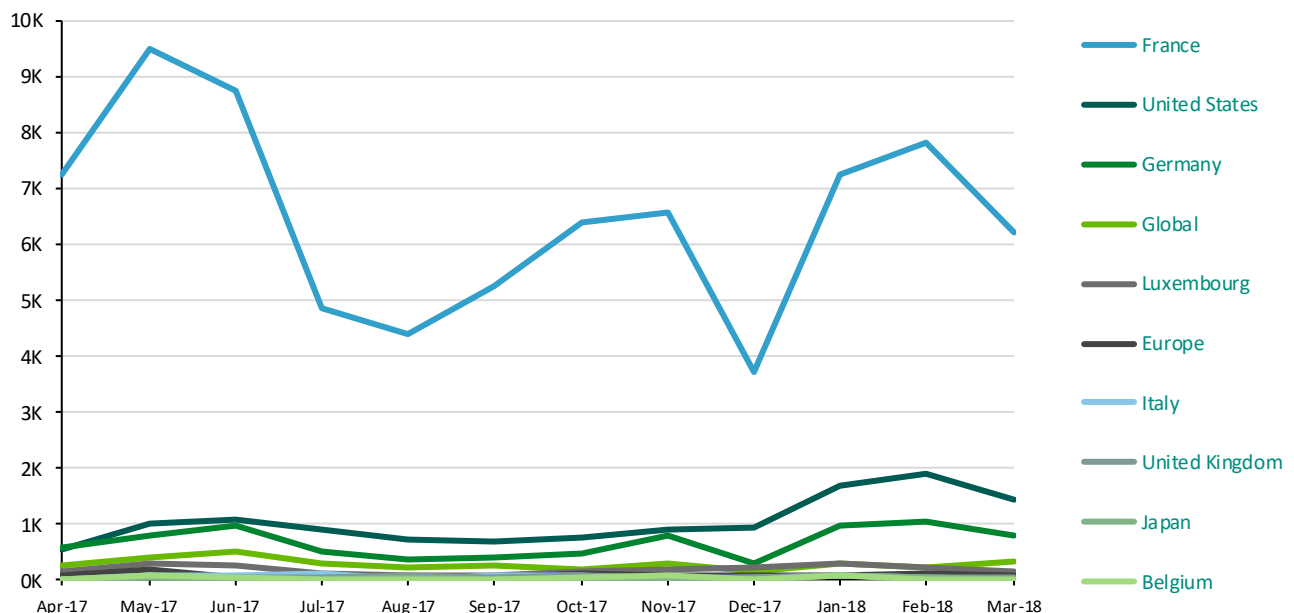
## Product Trend: Number of Live Products

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

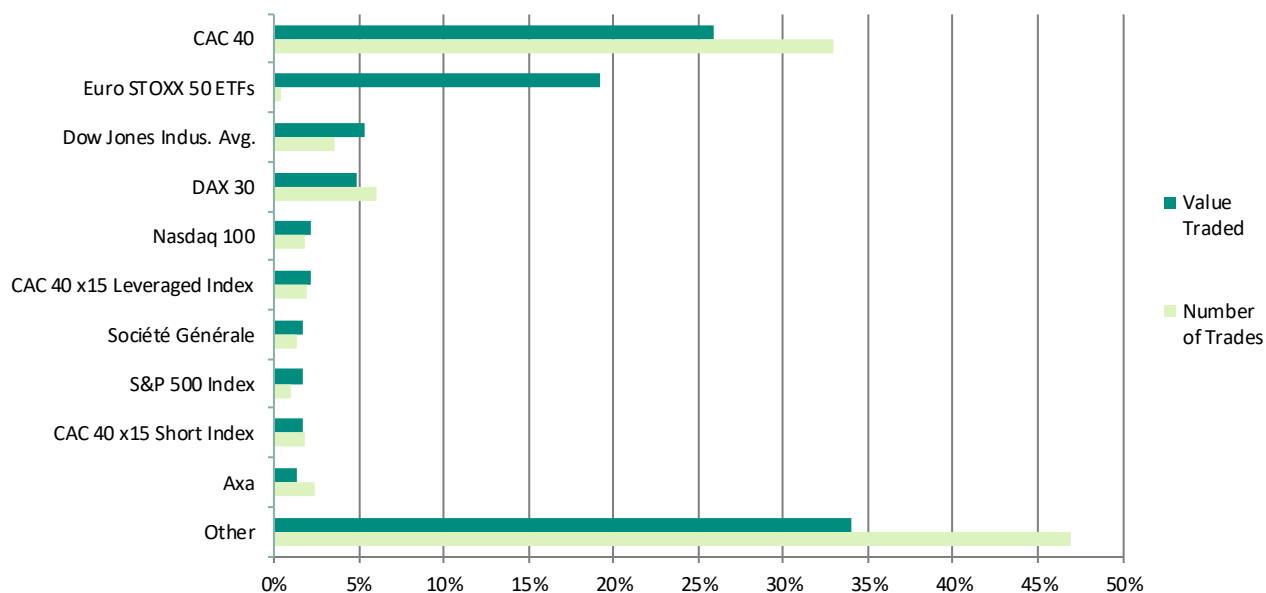
## Market Overview

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	4 162	-17,8%	-2,3%	25,9%	1 671	-10,9%	17,8%	32,9%
Euro STOXX 50 ETFs	3 090	NA	253%	19,3%	23	403%	79%	0,4%
Dow Jones Indus. Avg.	848	-25%	136%	5,3%	184	-11,9%	79%	3,6%
DAX 30	783	8,9%	21%	4,9%	304	0,3%	22%	6,0%
Nasdaq 100	344	24%	62%	2,1%	91	10,6%	49%	1,8%
CAC 40 x15 Leveraged Index	339	-24%	-11,8%	2,1%	96	-11,0%	53%	1,9%
Société Générale	271	12,2%	-37%	1,7%	67	-6,1%	-39%	1,3%
S&P 500 Index	269	54%	111%	1,7%	48	2,5%	48%	0,9%
CAC 40 x15 Short Index	265	-0,1%	-5,2%	1,7%	91	13,5%	44%	1,8%
Axa	220	248%	59%	1,4%	120	318%	145%	2,4%
Other	5 451	-14,8%	-1,0%	34,0%	2 382	-12,6%	16,3%	46,9%
<b>Total</b>	<b>16 041</b>	<b>6,6%</b>	<b>21,3%</b>	<b>100%</b>	<b>5 078</b>	<b>-8,2%</b>	<b>20,6%</b>	<b>100%</b>

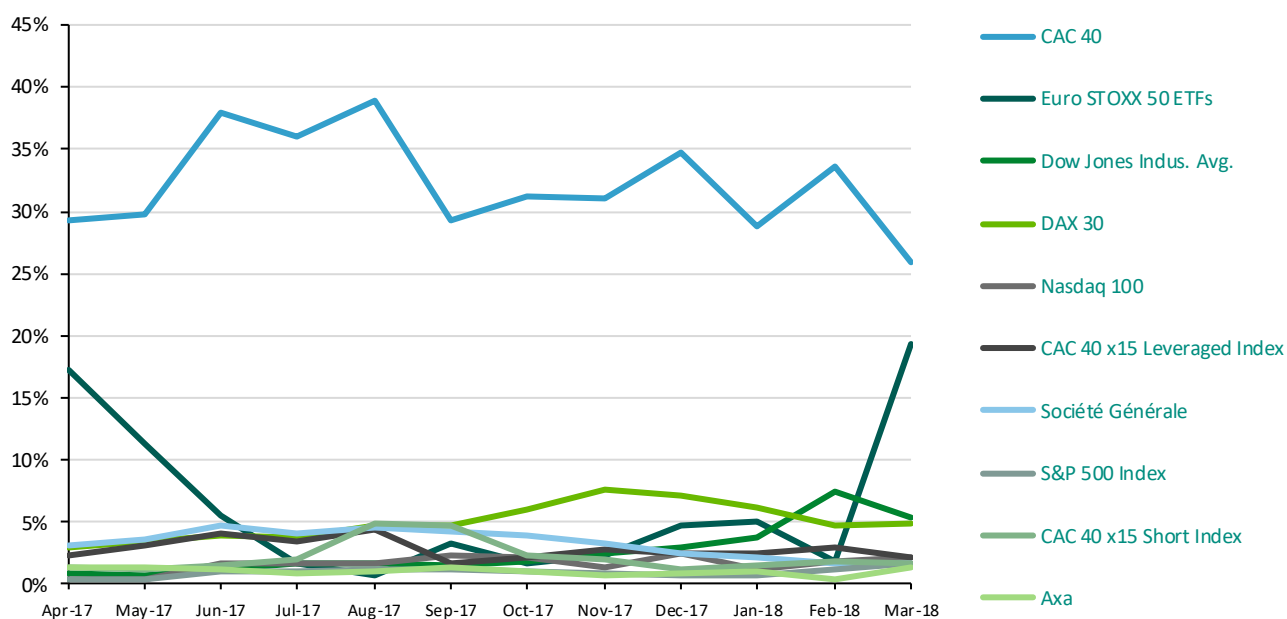
(Source Euronext)



# TOP 10 UNDERLYINGS

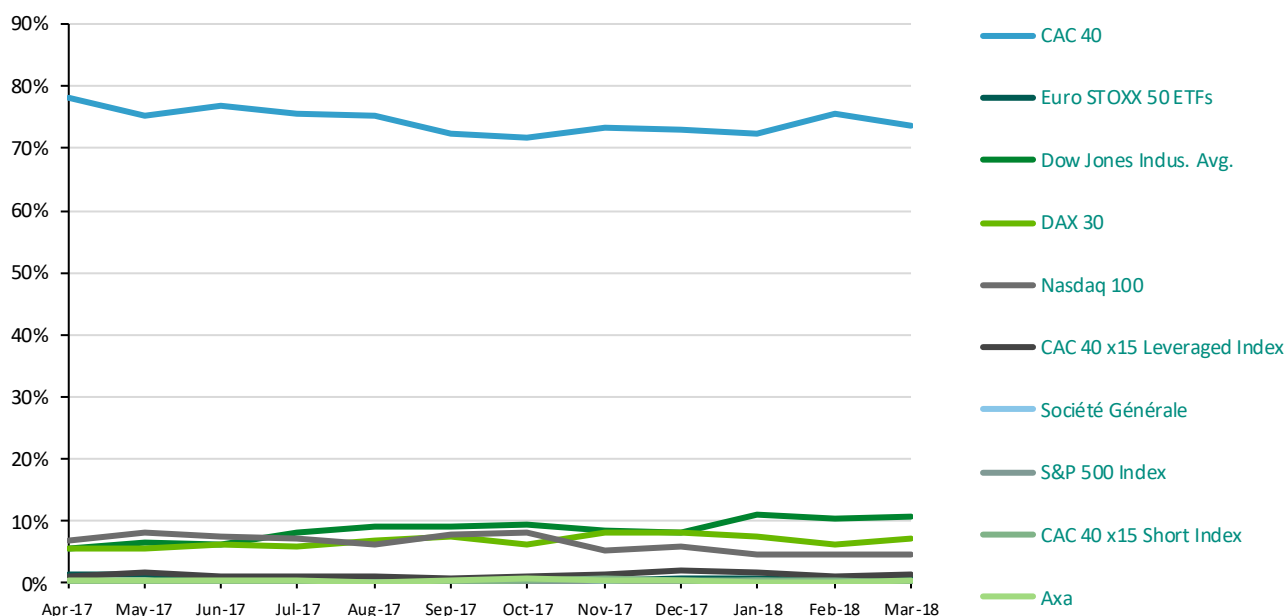
## Market Trend: Value traded

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

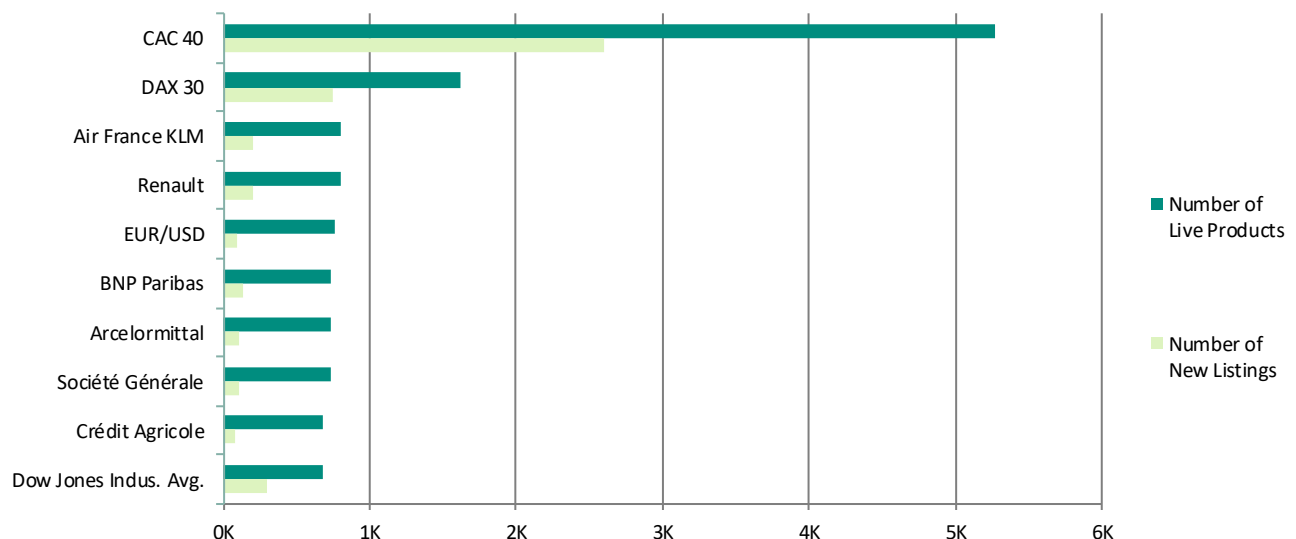
## Product Overview

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	5 270	6,4%	13,2%	13,7%	2 604	-21%	23%	28,4%
DAX 30	1 613	10,3%	27%	4,2%	749	-19,5%	69%	8,2%
Air France KLM	800	0,5%	-1,0%	2,1%	199	-27%	-20%	2,2%
Renault	797	0,8%	6,8%	2,1%	197	46%	23%	2,1%
EUR/USD	755	8,1%	27%	2,0%	97	-45%	-19,4%	1,1%
BNP Paribas	731	2,8%	-0,6%	1,9%	138	5,3%	-4,9%	1,5%
Arcelormittal	728	1,6%	14,6%	1,9%	110	-33%	-36%	1,2%
Société Générale	727	-0,8%	-3,1%	1,9%	111	-24%	-26%	1,2%
Crédit Agricole	679	1,3%	0,8%	1,8%	80	-34%	-44%	0,9%
Dow Jones Indus. Avg.	676	5,4%	43%	1,8%	293	-28%	79%	3,2%
Other	25 748	1,2%	-1,9%	66,8%	4 591	-23%	-13,1%	50,1%
<b>Total</b>	<b>38 523</b>	<b>2,4%</b>	<b>2,5%</b>	<b>100%</b>	<b>9 169</b>	<b>-22,1%</b>	<b>0,3%</b>	<b>100%</b>

(Source Euronext)

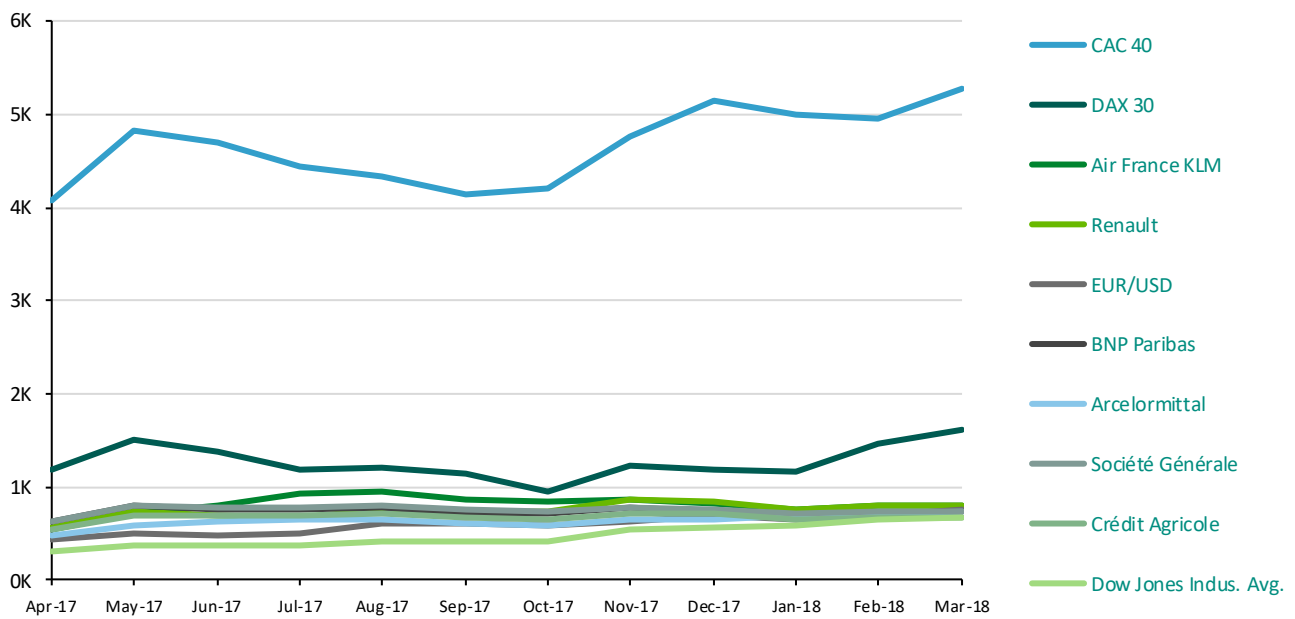




# TOP 10 UNDERLYINGS

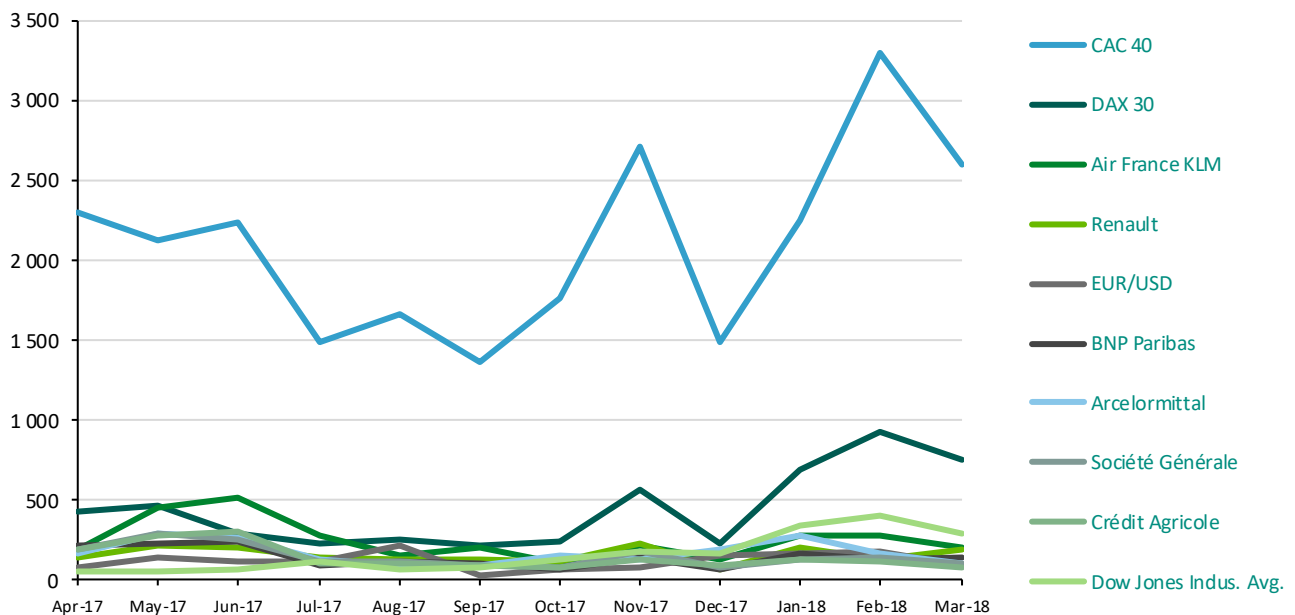
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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	14 592	2 502
NL0012355424	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	9 824	68
DE000CE8WCF3	Commerzbank	2300   Constant Leverage Certificate	CAC 40	8 194	2 336
FRBNPP00DWG6	BNP Paribas	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	7 269	282
FR0013188612	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	7 009	866
DE000CV5ZDX2	Commerzbank	2200   Knock-Out Warrants	Dow Jones Indus. Avg.	6 425	690
FR0013101565	Société Générale	2300   Constant Leverage Certificate	CAC 40 x10 Leveraged Index	6 127	1 220
DE000CZ28ZJ7	Commerzbank	2300   Constant Leverage Certificate	CAC 40	6 072	1 964
FR0013217940	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	5 148	1 526
LU1555075784	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	4 520	1 424
LU1555074977	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4 374	1 202
FR0010961078	Société Générale	2300   Constant Leverage Certificate	CAC 40 x5 Leveraged Index	4 222	906
FR0013224920	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	3 633	1 366
DE000CE4WWF0	Commerzbank	2205   Open-End Knock-Out Warrants	CAC 40	3 202	112
FR0010511535	Société Générale	1300   Tracker Certificates	Brent	2 921	210
DE000CV2DUE0	Commerzbank	2200   Knock-Out Warrants	CAC 40	2 867	108
FR0011214527	Société Générale	2300   Constant Leverage Certificate	CAC 40 x10 Leveraged Index	2 866	1 180
DE000CV2EZS7	Commerzbank	2210   Mini-Futures	Dow Jones Indus. Avg.	2 268	14
LU1521238094	Société Générale	2100   Warrants	CAC 40	2 180	474
DE000CY5AW73	Citi	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	2 136	154
FR0011630474	Société Générale	1300   Tracker Certificates	Investir 10 - Grandes Val	2 032	420
DE000CV2CB42	Commerzbank	2210   Mini-Futures	Dow Jones Indus. Avg.	1 980	28
FR0011119395	Société Générale	2300   Constant Leverage Certificate	CAC 40 x7 Leveraged Index	1 942	332
FRBNPP00GRO3	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1 940	314
LU1612290160	Société Générale	2100   Warrants	CAC 40	1 837	62
DE000CE4UKZ7	Commerzbank	2300   Constant Leverage Certificate	Gold	1 731	170
LU1555075438	Société Générale	2300   Constant Leverage Certificate	CAC 40 x12 Short Index	1 727	304
DE000CE8XS71	Commerzbank	2210   Mini-Futures	Dow Jones Indus. Avg.	1 675	18
DE000CE4X5V6	Commerzbank	2205   Open-End Knock-Out Warrants	CAC 40	1 593	32
FRBNPP00AB66	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	1 591	382
DE000CD9F7M0	Commerzbank	2210   Mini-Futures	S&P 500 Index	1 577	18
DE000CV5ZBX6	Commerzbank	2205   Open-End Knock-Out Warrants	CAC 40	1 562	46
FRBNPP00FTF9	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1 544	158
DE000CV601G4	Commerzbank	2205   Open-End Knock-Out Warrants	CAC 40	1 497	48
DE000CQ29VPO	Citi	2200   Knock-Out Warrants	CAC 40	1 484	58
FRBNPP00GXN3	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1 421	166
LU1650392548	Société Générale	2200   Knock-Out Warrants	CAC 40	1 408	50
NL0012644694	BNP Paribas	2100   Warrants	CAC 40	1 368	130
LU1650399717	Société Générale	2200   Knock-Out Warrants	CAC 40	1 343	224
LU1521238920	Société Générale	2100   Warrants	CAC 40	1 313	390
FRBNPP00GXH5	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1 310	384
FRBNPP00H2Z7	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1 252	378
FR0010961060	Société Générale	2300   Constant Leverage Certificate	CAC 40 x4 Leveraged Index	1 236	216
DE000CV5YVX7	Commerzbank	2205   Open-End Knock-Out Warrants	Gold	1 231	354
DE000CV2DZX9	Commerzbank	2210   Mini-Futures	Dow Jones Indus. Avg.	1 228	26
DE000CQ4Y5G0	Citi	2210   Mini-Futures	Nasdaq 100	1 227	48
LU1547705001	Société Générale	2205   Open-End Knock-Out Warrants	Crédit Agricole	1 225	52
DE000CV2CX46	Commerzbank	2230   Double Knock-Out Warrants	CAC 40	1 186	56
LU1612290590	Société Générale	2100   Warrants	CAC 40	1 184	46
DE000CE8ZBP7	Commerzbank	2210   Mini-Futures	Dow Jones Indus. Avg.	1 144	8

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