



warrants and certificates

# Activity report

Issue 78  
January 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

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided “as is” without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext’s subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext.

All data as of the date of publication unless stated otherwise. Euronext disclaims any duty to update this information.

Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at <https://www.euronext.com/terms-use>.

© 2018, Euronext N.V. - All rights reserved.

## 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 31/01/2018)	19,814	977	1,412	37,023	<b>59,227</b>
New Products	3,719	236	663	11,044	<b>15,662</b>
New Products YTD	3,719	236	663	11,044	<b>15,662</b>
Value Traded (in €m)	593.5	15.1	106.1	286.1	<b>1,000.8</b>
Value Traded YTD (in €m)	593.5	15.1	106.1	286.1	<b>1,000.8</b>
Value Traded ADV (in €m)	25.8	0.7	4.6	12.4	<b>43.5</b>
Value Traded YTD ADV (in €m)	25.8	0.7	4.6	12.4	<b>43.5</b>
Number of Trades	177,754	6,182	11,503	92,338	<b>287,777</b>
Number of Trades YTD	177,754	6,182	11,503	92,338	<b>287,777</b>
Number of Trades ADV	7,728	269	500	4,015	<b>12,512</b>
Number of Trades YTD ADV	7,728	269	500	4,015	<b>12,512</b>

(Source Euronext)



# EURONEXT SYNAPSE

POWERED BY **ALGOMI**

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

For more information  
[euronext.com/synapse](https://www.euronext.com/synapse)



#### Disclaimer

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided "as is" without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext's subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext. Euronext disclaims any duty to update this information. Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at <https://www.euronext.com/terms-use>.  
www.euronext.com © 2017, Euronext N.V. - All rights reserved.



# Euronext Markets

# ISSUERS

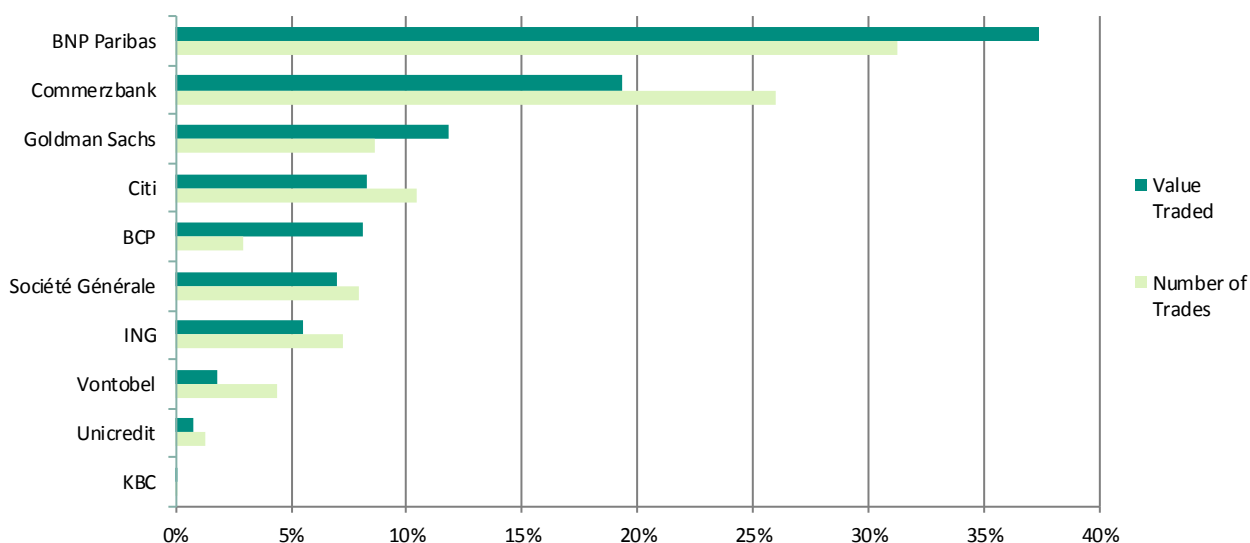
## Market Overview

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	16,266	22%	18.1%	37.4%	3,907	30.8%	10.9%	31.2%
Commerzbank	8,430	24%	25%	19.4%	3,254	26.7%	29.4%	26.0%
Goldman Sachs	5,145	43%	16.8%	11.8%	1,073	16.2%	8.4%	8.6%
Citi	3,608	-0.5%	9.8%	8.3%	1,304	13.7%	0.8%	10.4%
BCP	3,514	-13.0%	-0.7%	8.1%	366	4.6%	-1.6%	2.9%
Société Générale	3,049	-9.3%	-10.5%	7.0%	995	-12.6%	-2.6%	8.0%
ING	2,397	-47%	-18.9%	5.5%	903	15.2%	15.6%	7.2%
Vontobel	780	21%	160%	1.8%	547	30.6%	201.4%	4.4%
Unicredit	323	49%	-3.0%	0.7%	162	-1.8%	-6.0%	1.3%
KBC	2	484%	875%	0.0%	0.7	251.1%	801.0%	0.0%
<b>Total</b>	<b>43,514</b>	<b>8.5%</b>	<b>12.3%</b>	<b>100%</b>	<b>12,512</b>	<b>19.4%</b>	<b>15.3%</b>	<b>100%</b>

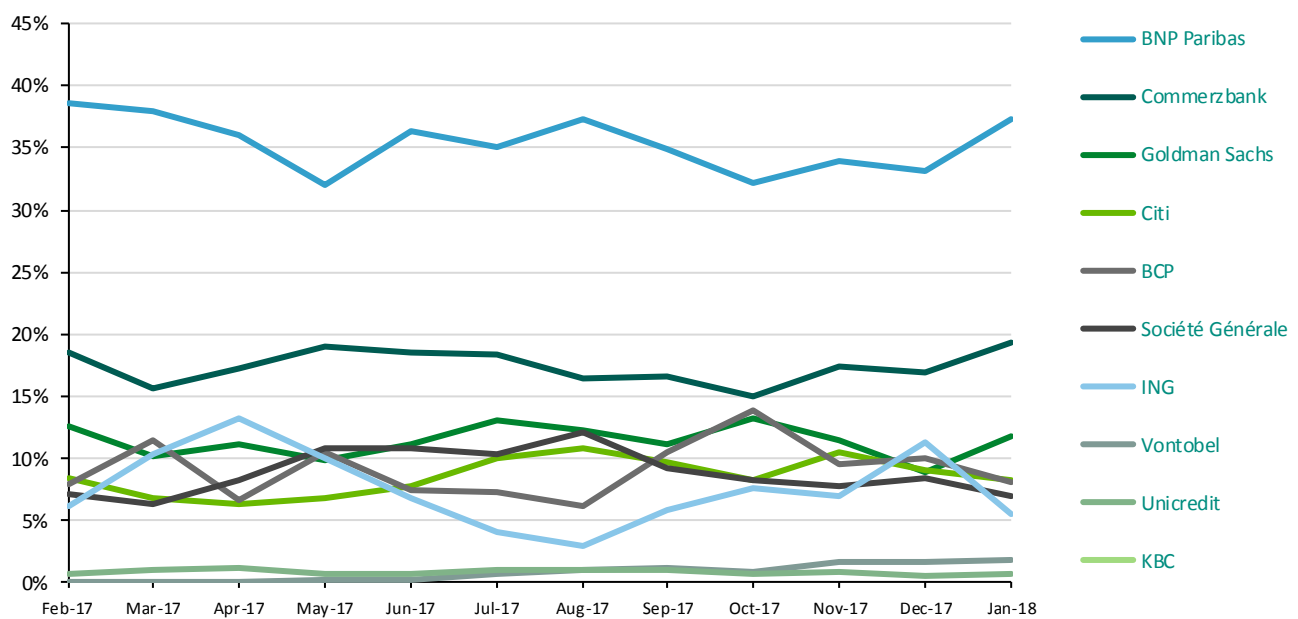
(Source Euronext)



# ISSUERS

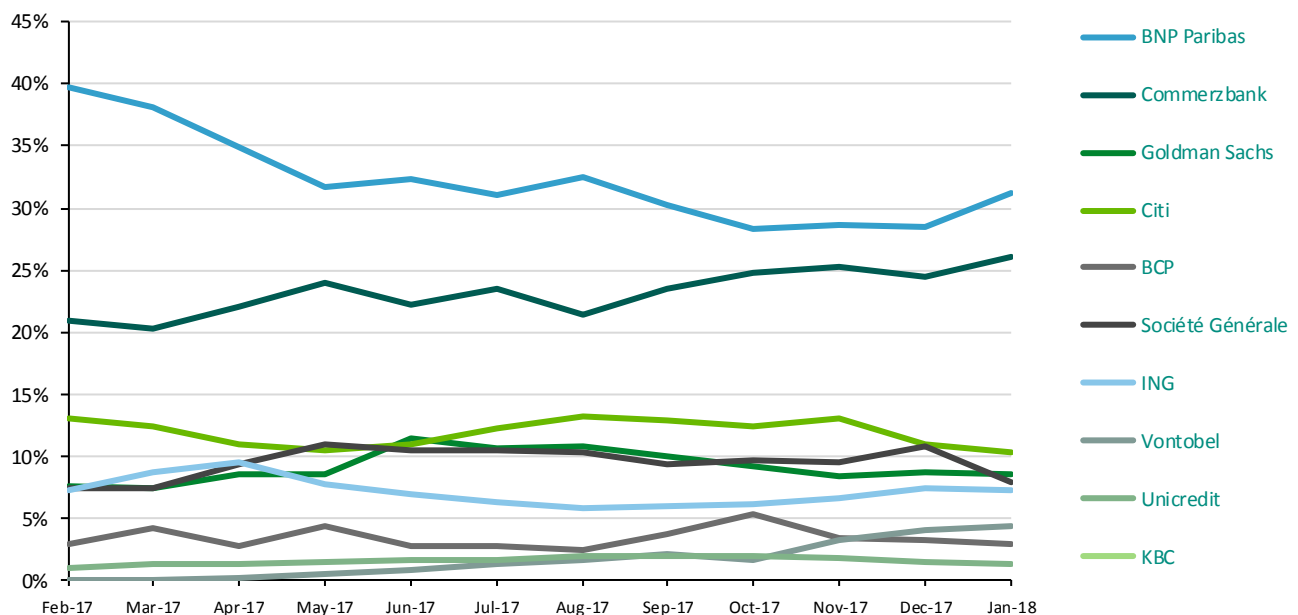
## Market Trend: Value traded

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

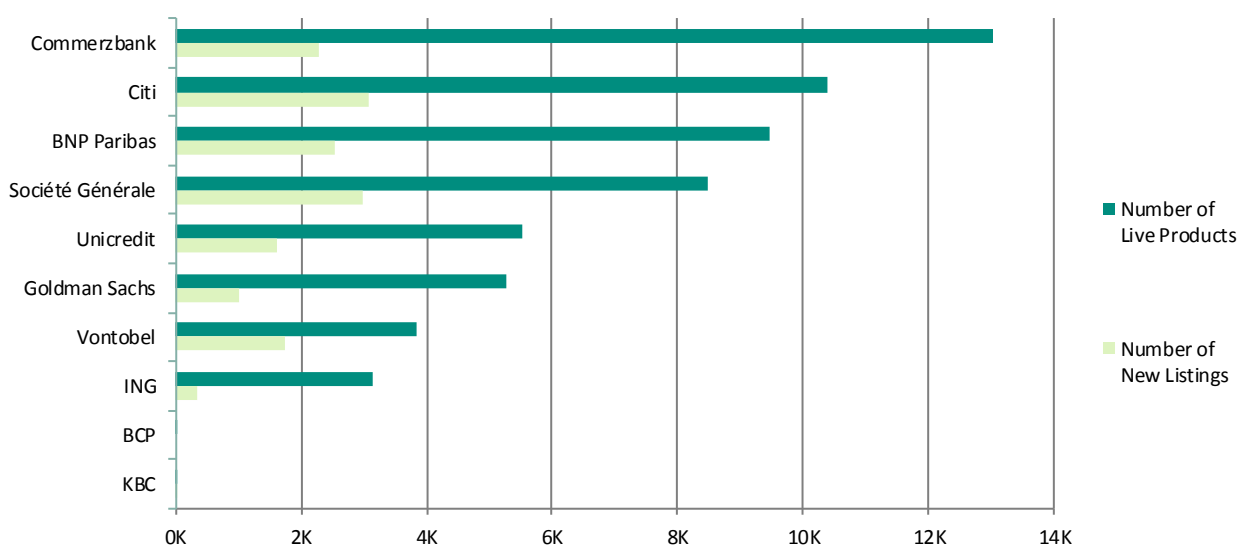
## Product Overview

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	13,037	-1.8%	2.3%	22.0%	2,297	28%	6.4%	14.7%
Citi	10,386	-2.9%	10.5%	17.5%	3,071	43%	6.3%	19.6%
BNP Paribas	9,483	-11.7%	-2.7%	16.0%	2,542	115%	3.0%	16.2%
Société Générale	8,495	-12.6%	-17.7%	14.3%	2,997	274%	70%	19.1%
Unicredit	5,524	3.1%	12.4%	9.3%	1,629	142%	39%	10.4%
Goldman Sachs	5,276	-1.0%	3.2%	8.9%	1,013	34%	-7.7%	6.5%
Vontobel	3,845	-1.1%	84%	6.5%	1,755	139%	126%	11.2%
ING	3,154	1.3%	6.9%	5.3%	350	167%	60%	2.2%
BCP	23	-8.0%	1.2%	0.0%	0	-100%	-100%	0.0%
KBC	4	498%	928%	0.0%	8	300%	433%	0.1%
<b>Total</b>	<b>59,227</b>	<b>-4.7%</b>	<b>3.3%</b>	<b>100%</b>	<b>15,662</b>	<b>90.2%</b>	<b>24.8%</b>	<b>100%</b>

(Source Euronext)

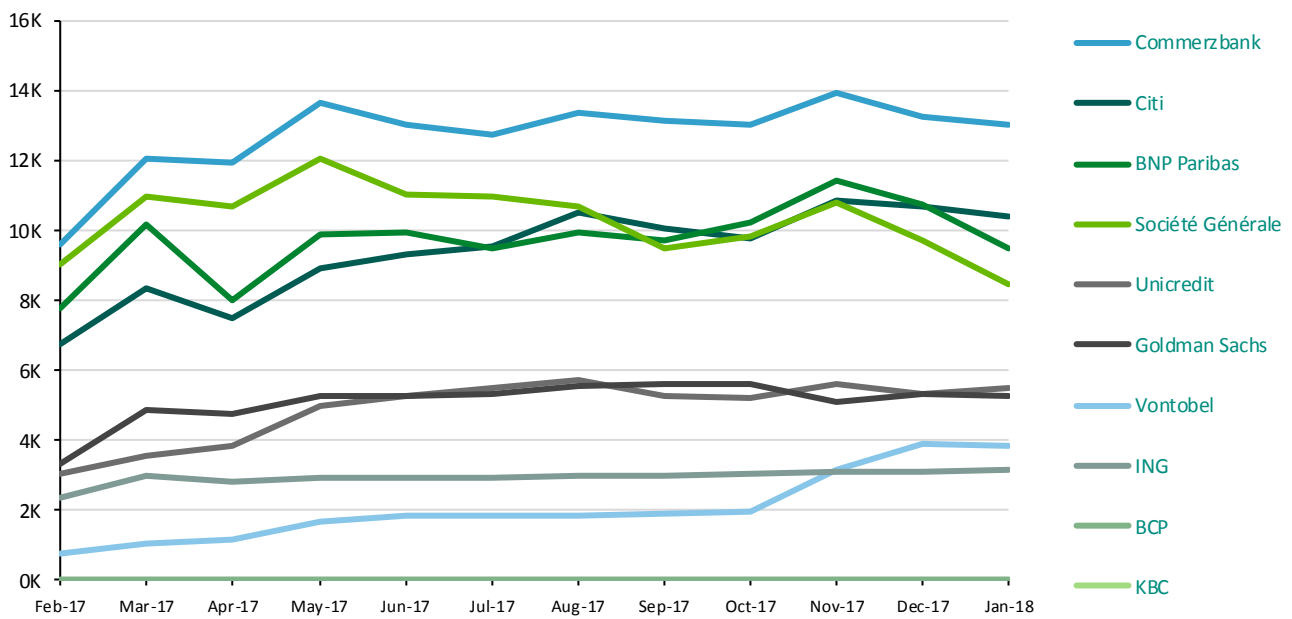




# ISSUERS

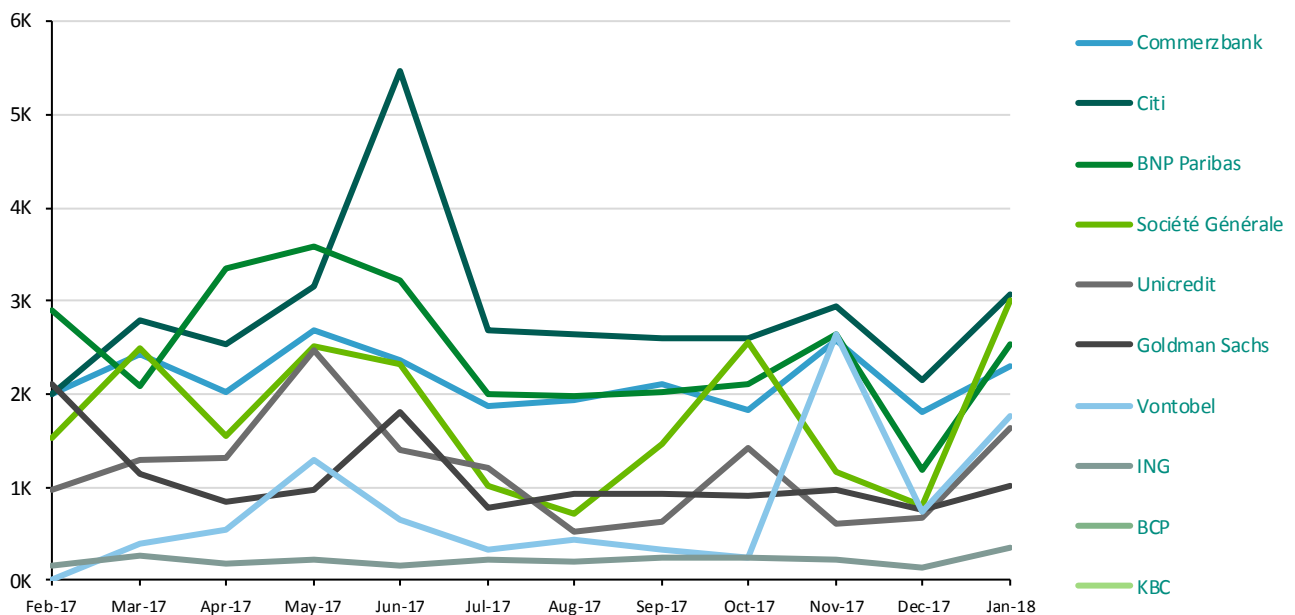
## Product Trend: Number of Live Products

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)

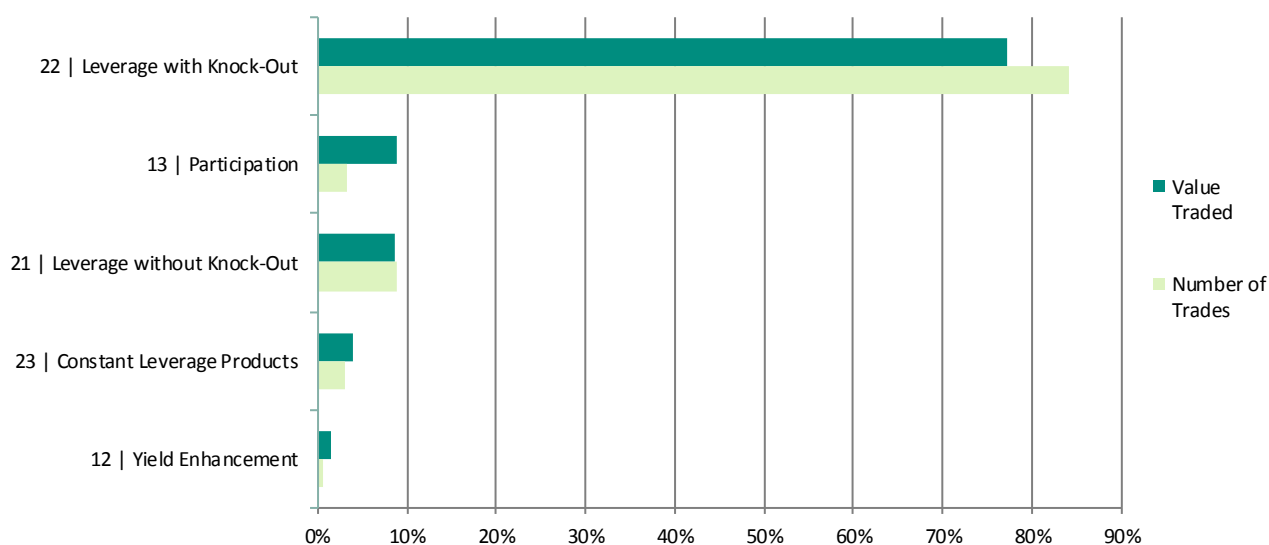
## Market Overview

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	33,578	11.6%	23%	77.2%	10,536	24%	21%	84.2%
13   Participation	3,884	-15.0%	-2.2%	8.9%	409	2.0%	-5.0%	3.3%
21   Leverage without Knock-Out	3,733	17.0%	-25%	8.6%	1,099	6.6%	-8.8%	8.8%
23   Constant Leverage Products	1,698	-9.6%	-16.2%	3.9%	383	-15.7%	-14.0%	3.1%
12   Yield Enhancement	615	63%	17.1%	1.4%	83	8.5%	6.3%	0.7%
<b>Total</b>	<b>43,514</b>	<b>8.5%</b>	<b>12.3%</b>	<b>100%</b>	<b>12,512</b>	<b>19.4%</b>	<b>15.3%</b>	<b>100%</b>

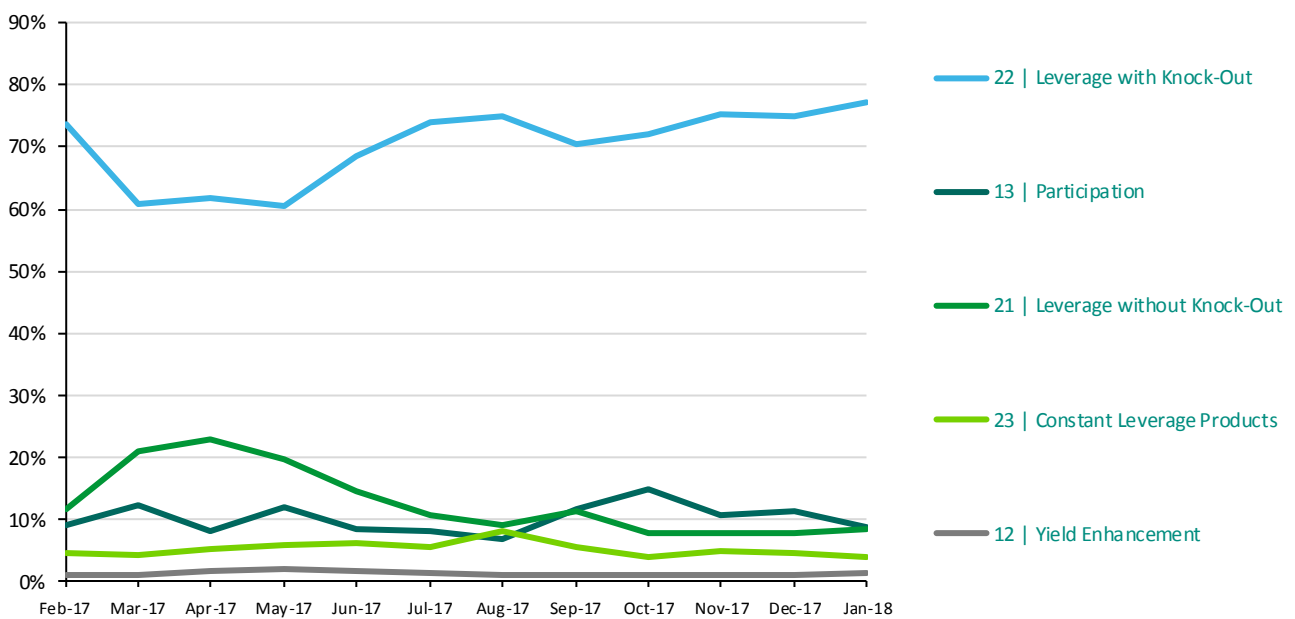
(Source Euronext)



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

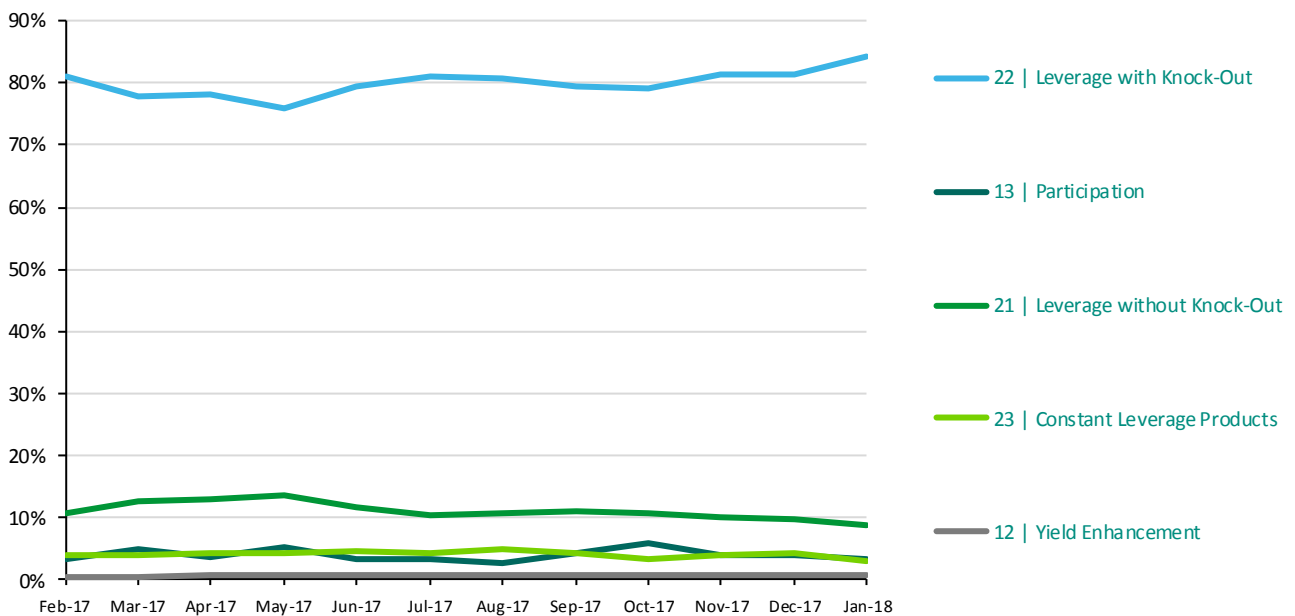
## Market Trend: Value traded

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

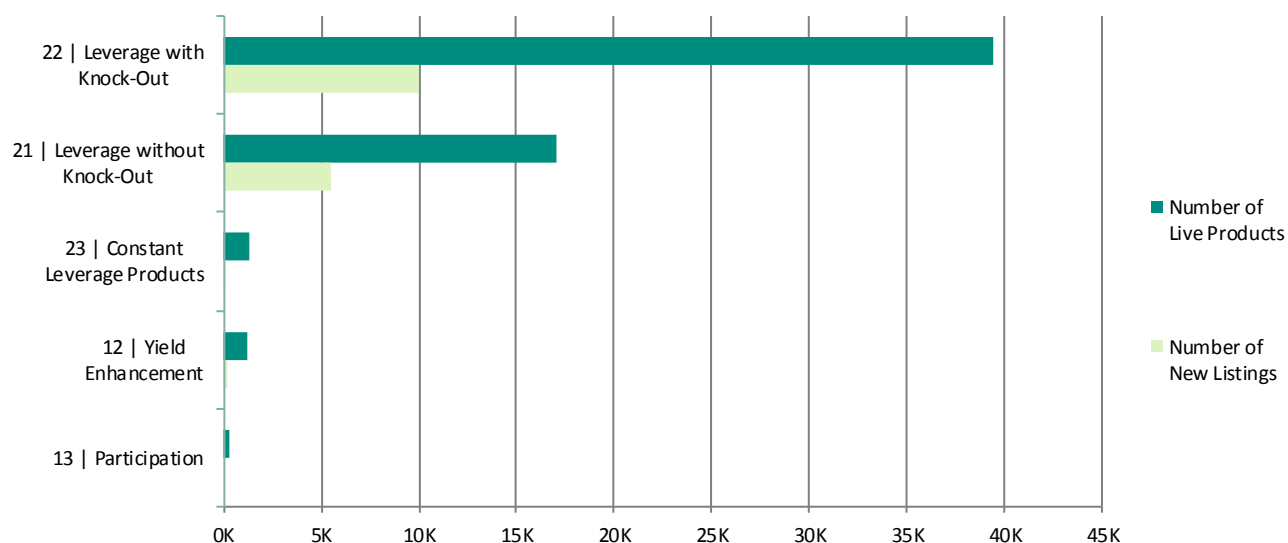
## Product Overview

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 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 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	39,410	-3.6%	7.5%	66.5%	10,036	57%	13.4%	64.1%
21   Leverage without Knock-Out	17,010	-6.8%	-3.8%	28.7%	5,447	248%	59%	34.8%
23   Constant Leverage Products	1,311	-1.5%	-1.4%	2.2%	2		-97%	0.0%
12   Yield Enhancement	1,227	-11.3%	-5.9%	2.1%	177	-38%	-6.7%	1.1%
13   Participation	262	-7.0%	-22%	0.4%	0	-100%	-100%	0.0%
<b>Total</b>	<b>59,227</b>	<b>-4.7%</b>	<b>3.3%</b>	<b>100%</b>	<b>15,662</b>	<b>90.2%</b>	<b>24.8%</b>	<b>100%</b>

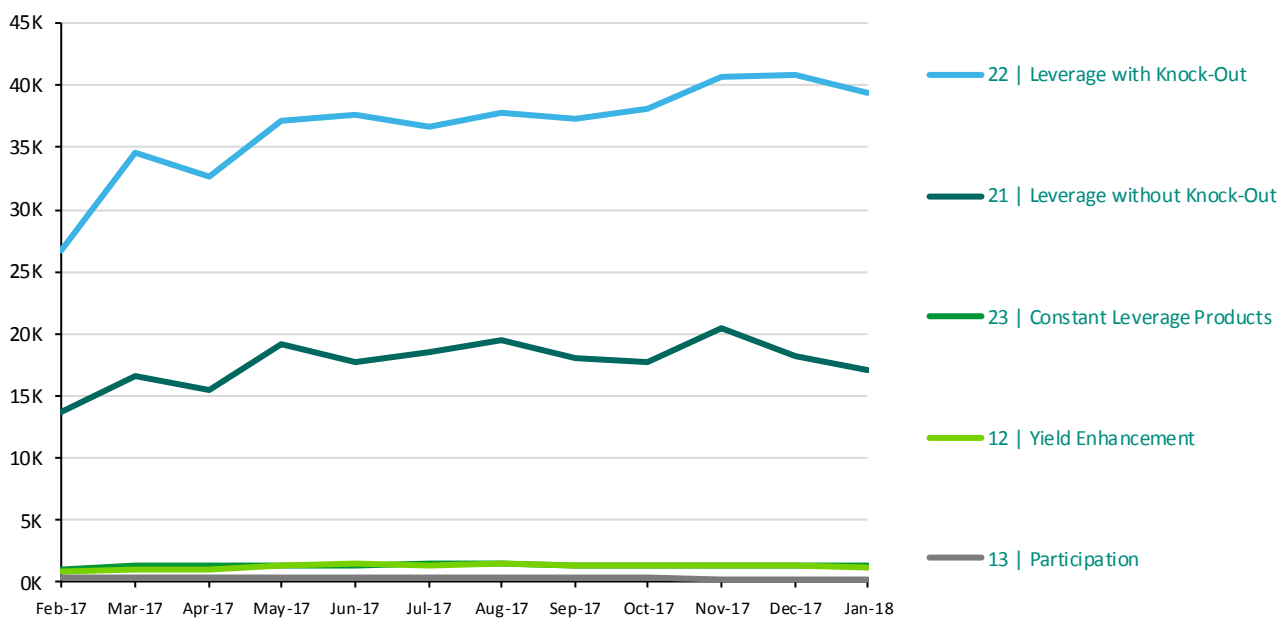
(Source Euronext)



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

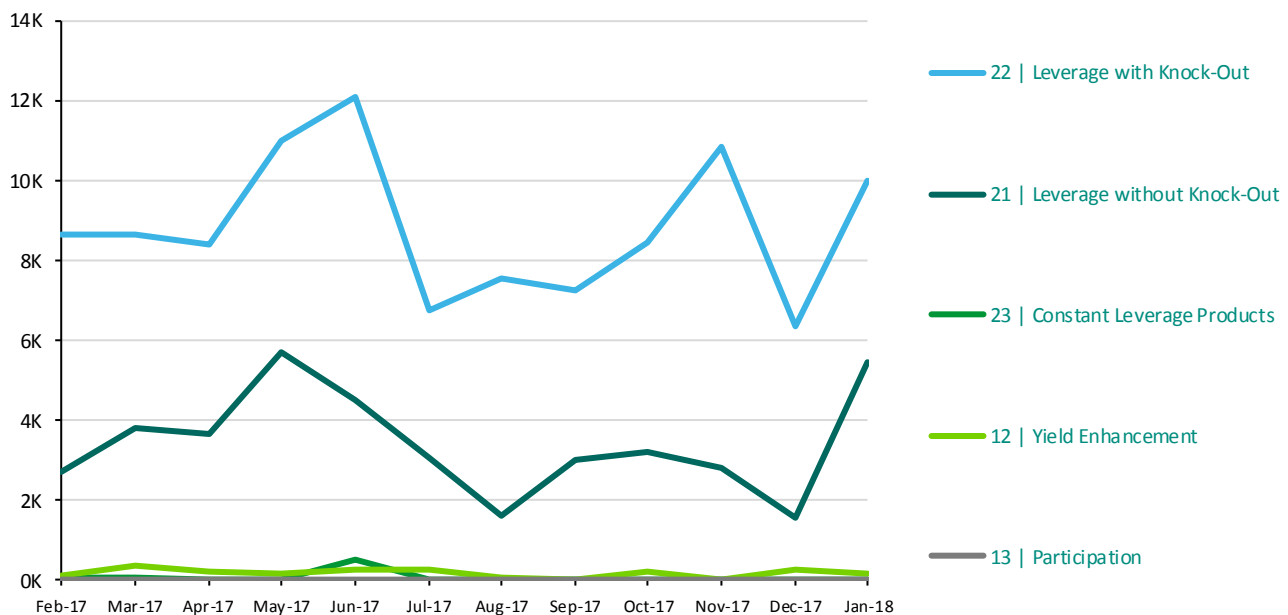
## Product Trend: Number of Live Products

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

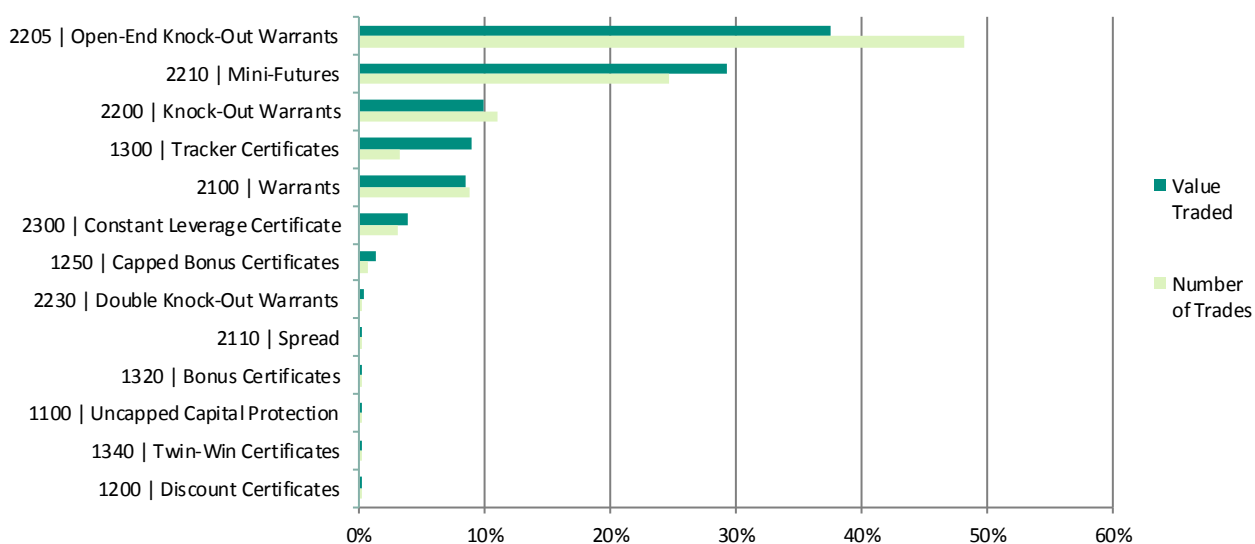
## Market Overview

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	16,331	48%	35%	37.5%	6,038	29%	24%	48.3%
2210   Mini-Futures	12,731	-6.9%	17.1%	29.3%	3,086	29%	30%	24.7%
2200   Knock-Out Warrants	4,343	-16.2%	5.0%	10.0%	1,390	-2.9%	-2.8%	11.1%
1300   Tracker Certificates	3,868	-15.1%	-2.1%	8.9%	403	2.2%	-5.2%	3.2%
2100   Warrants	3,717	17.2%	-25%	8.5%	1,093	6.7%	-8.5%	8.7%
2300   Constant Leverage Certificate	1,698	-9.6%	-16.2%	3.9%	383	-15.7%	-14.0%	3.1%
1250   Capped Bonus Certificates	614	64%	17.3%	1.4%	83	8.6%	6.5%	0.7%
2230   Double Knock-Out Warrants	173	-23%	11.9%	0.4%	22	42%	15.0%	0.2%
2110   Spread	16	-17.0%	-39%	0.0%	6.3	-16.2%	-37%	0.1%
1320   Bonus Certificates	14	20%	-31%	0.0%	6.0	-11.6%	8.9%	0.0%
1100   Uncapped Capital Protection	5	-48%	274%	0.0%	1.6	-52%	305%	0.0%
1340   Twin-Win Certificates	3	180%	357%	0.0%	0.2	10.1%	94%	0.0%
1200   Discount Certificates	1	-6.6%	-40%	0.0%	0.3	-17.4%	-39%	0.0%
<b>Total</b>	<b>43,514</b>	<b>8.5%</b>	<b>12.3%</b>	<b>100%</b>	<b>12,512</b>	<b>19.4%</b>	<b>15.3%</b>	<b>100%</b>

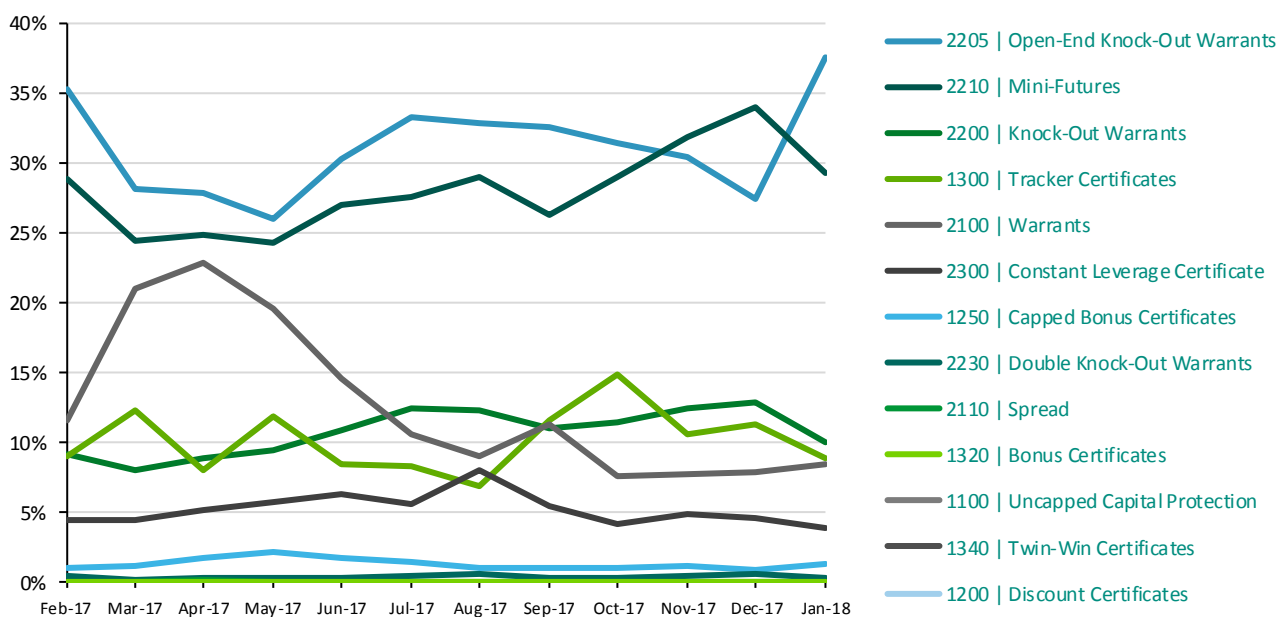
(Source Euronext)



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

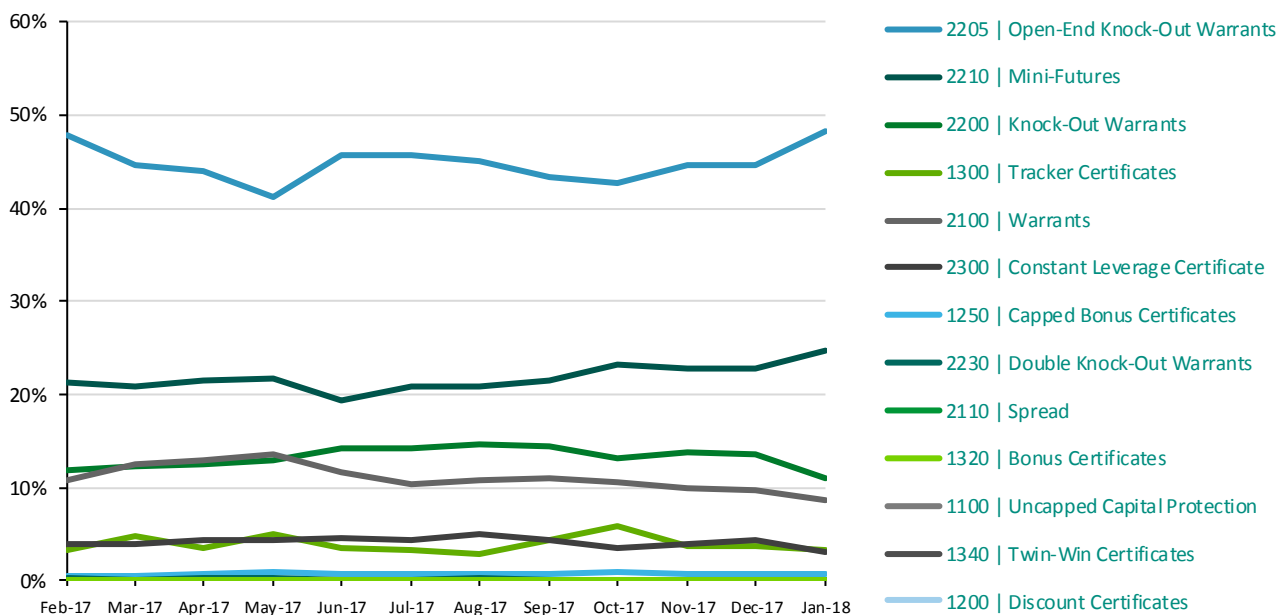
## Market Trend: Value traded

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

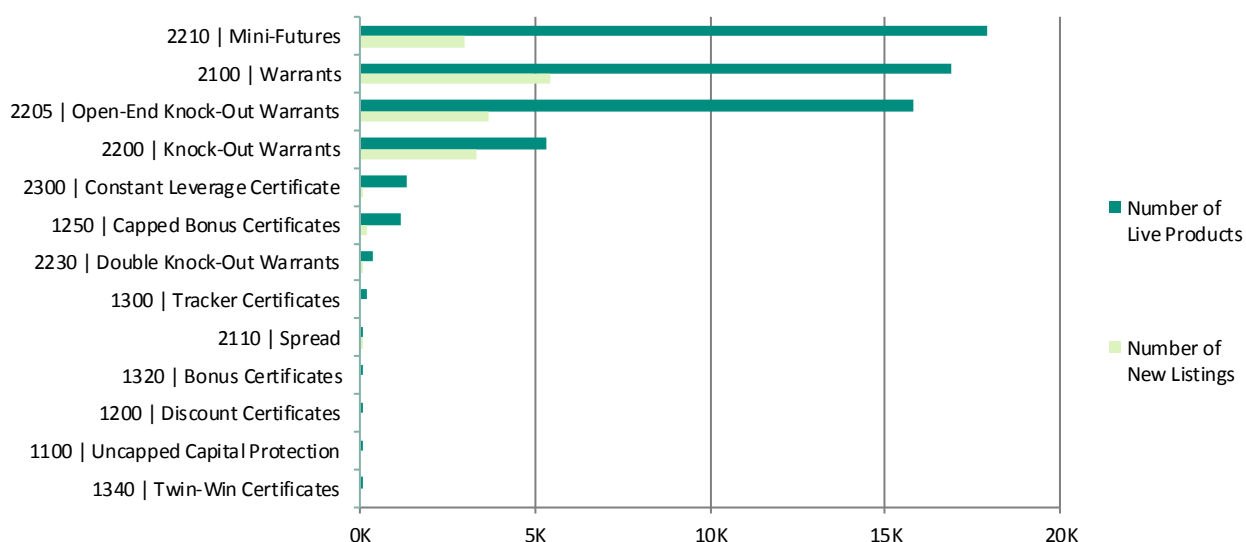
## Product Overview

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	17,923	-1.1%	10.2%	30.3%	2,976	59%	13.5%	19.0%
2100   Warrants	16,912	-6.9%	-3.8%	28.6%	5,442	255%	59%	34.7%
2205   Open-End Knock-Out Warrants	15,835	-1.5%	9.7%	26.7%	3,654	69%	23%	23.3%
2200   Knock-Out Warrants	5,316	-16.5%	-9.2%	9.0%	3,344	45%	4.2%	21.4%
2300   Constant Leverage Certificate	1,311	-1.5%	-1.4%	2.2%	2		-97%	0.0%
1250   Capped Bonus Certificates	1,166	-11.8%	-4.7%	2.0%	177	-38%	1.0%	1.1%
2230   Double Knock-Out Warrants	337	1.9%	197%	0.6%	62	82%	22%	0.4%
1300   Tracker Certificates	181	-8.1%	-26%	0.3%	0	-100%	-100%	0.0%
2110   Spread	97	9.4%	-7.4%	0.2%	5	-86%	-74%	0.0%
1320   Bonus Certificates	77	-4.5%	-9.2%	0.1%	0	-100%	-100%	0.0%
1200   Discount Certificates	61	0.0%	-25%	0.1%	0		-100%	0.0%
1100   Uncapped Capital Protection	7	0.0%	254%	0.0%	0		-100%	0.0%
1340   Twin-Win Certificates	4	0.0%	10.6%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>59,227</b>	<b>-4.7%</b>	<b>3.3%</b>	<b>100%</b>	<b>15,662</b>	<b>90.2%</b>	<b>24.8%</b>	<b>100%</b>

(Source Euronext)

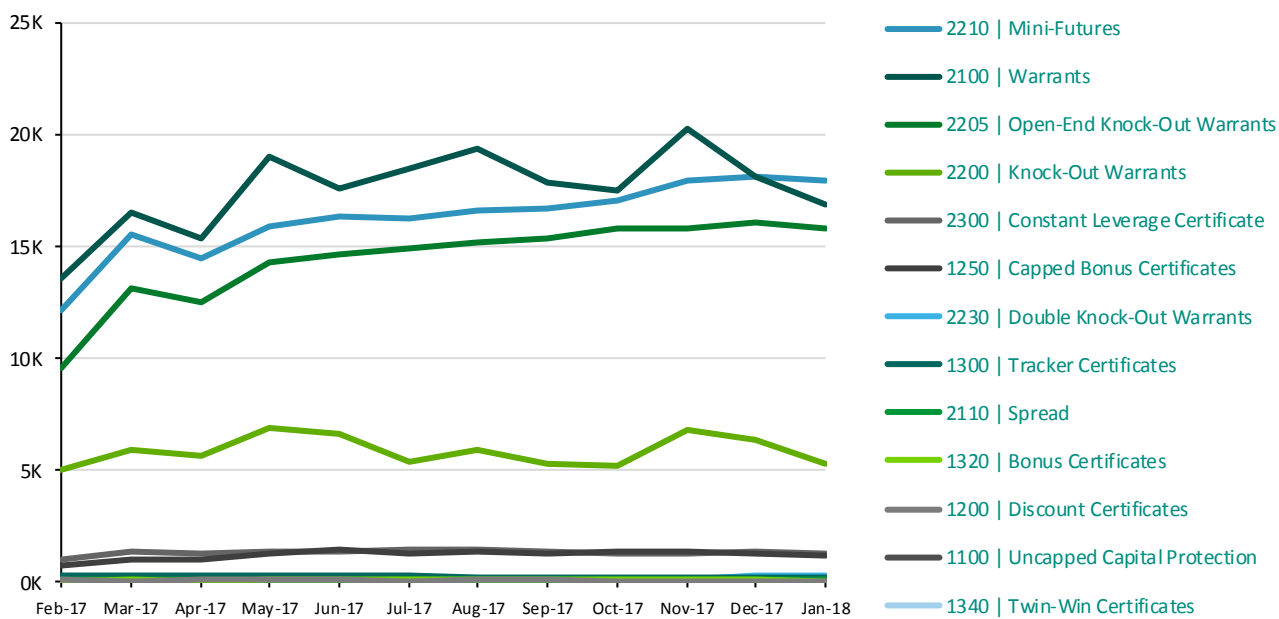




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

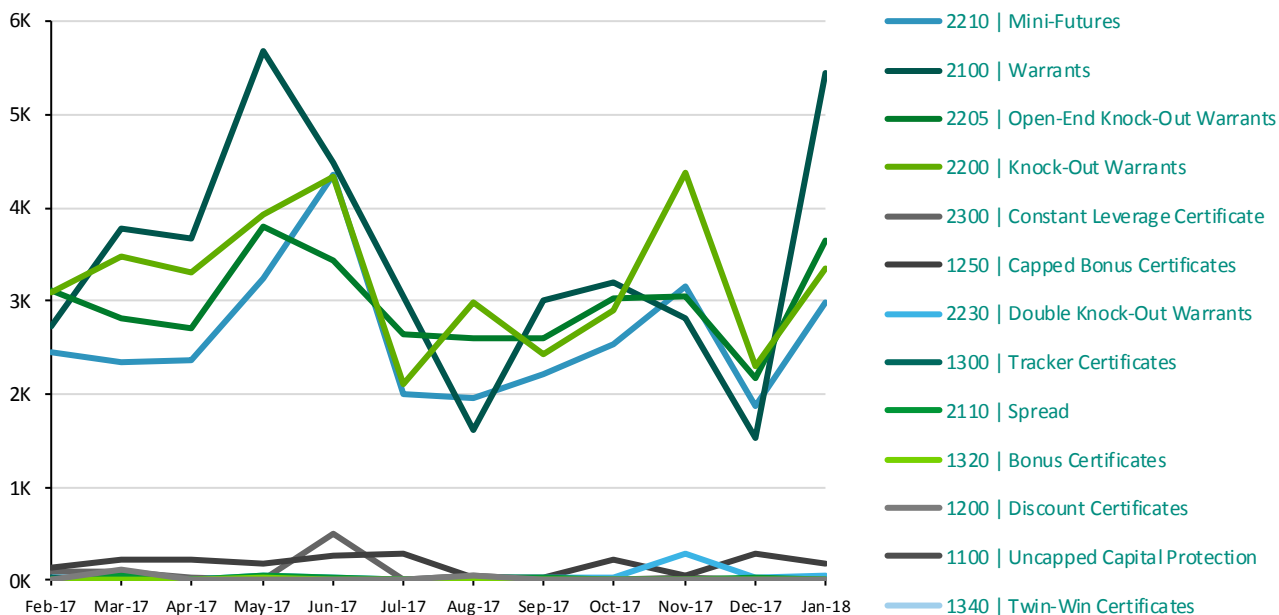
## Product Trend: Number of Live Products

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

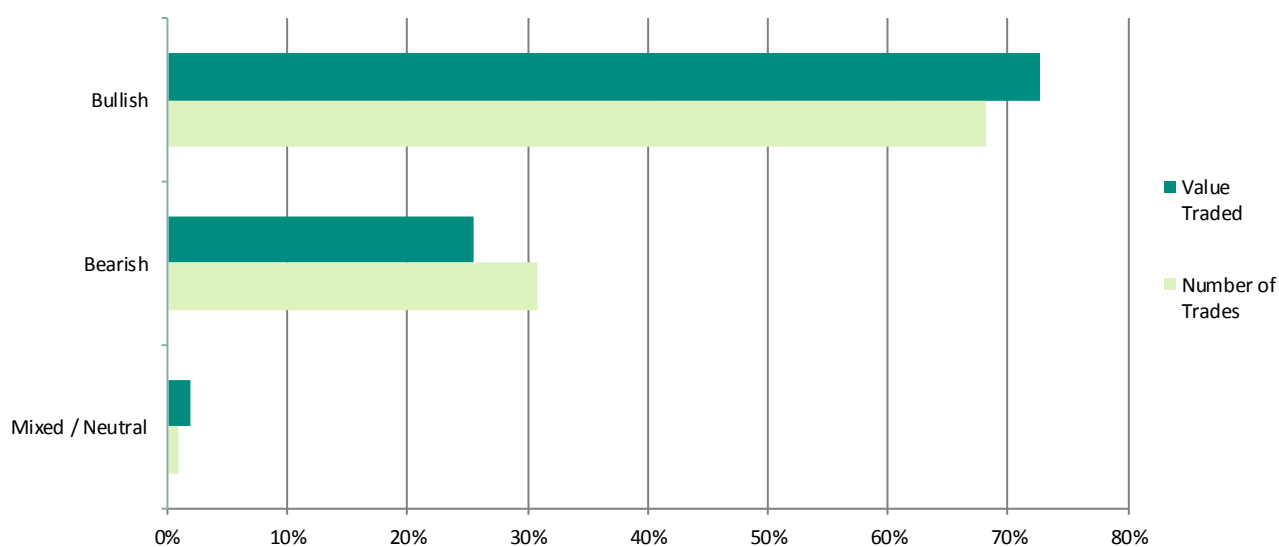
## Market Overview

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	31,611	1.6%	13.9%	72.6%	8,537	14.0%	20%	68.2%
Bearish	11,072	32%	8.0%	25.4%	3,859	34%	6.2%	30.8%
Mixed / Neutral	830	32%	9.0%	1.9%	116	12.5%	0.9%	0.9%
Total	43,514	8.5%	12.3%	100%	12,512	19.4%	15.3%	100%

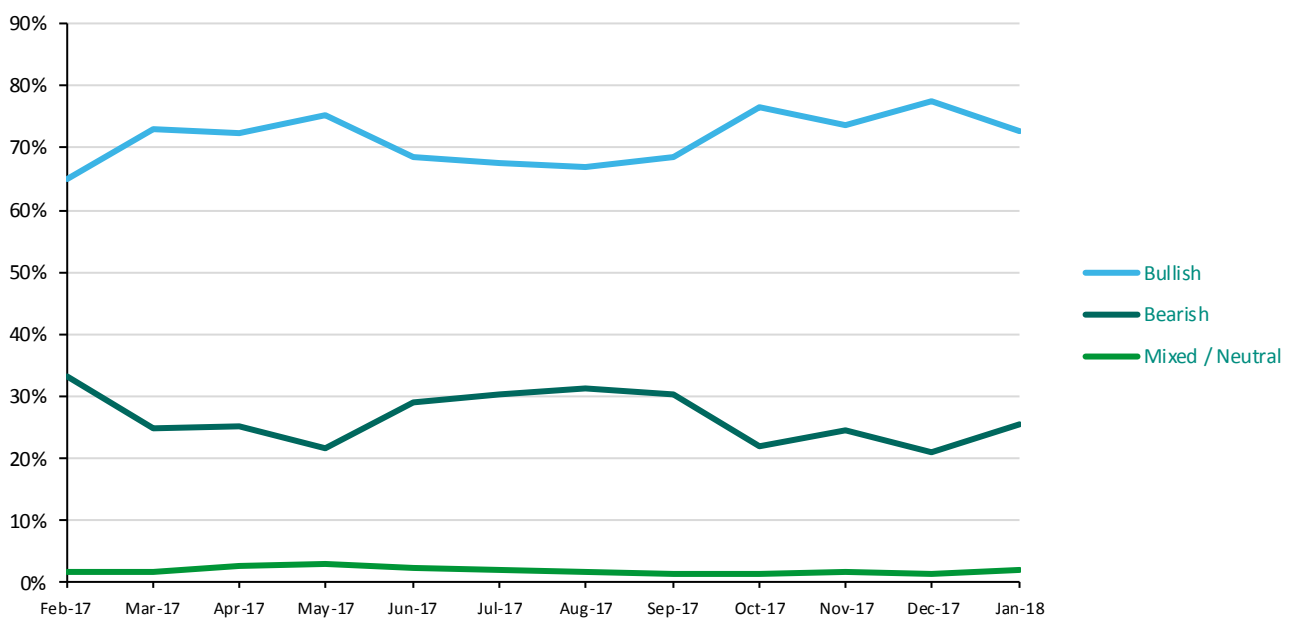
(Source Euronext)



# PRODUCT STRATEGIES

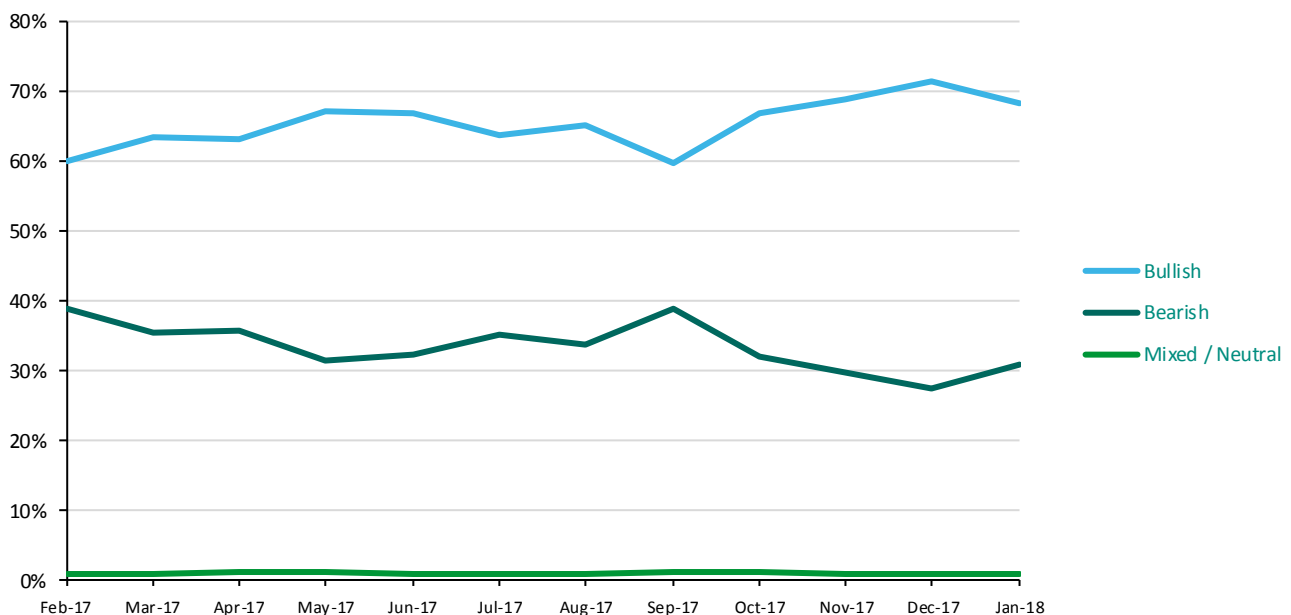
## Market Trend: Value traded

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

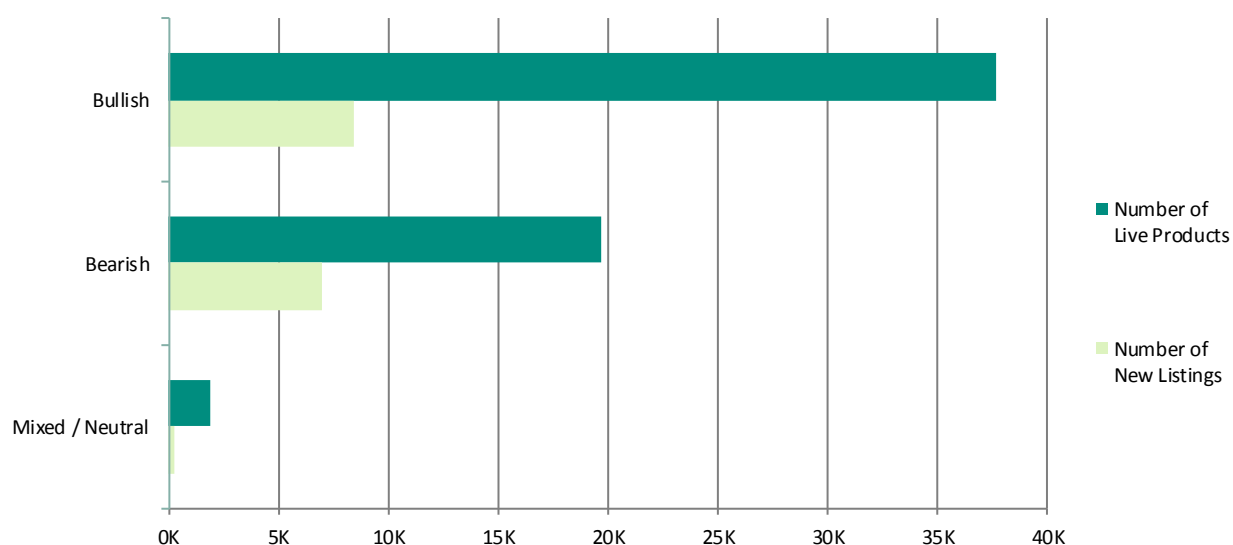
## Product Overview

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	37,650	-2.1%	5.6%	63.6%	8,459	100%	30%	54.0%
Bearish	19,699	-9.2%	-1.1%	33.3%	6,959	91%	20%	44.4%
Mixed / Neutral	1,877	-7.0%	7.3%	3.2%	244	-31%	-6.4%	1.6%
<b>Total</b>	<b>59,227</b>	<b>-4.7%</b>	<b>3.3%</b>	<b>100%</b>	<b>15,662</b>	<b>90.2%</b>	<b>24.8%</b>	<b>100%</b>

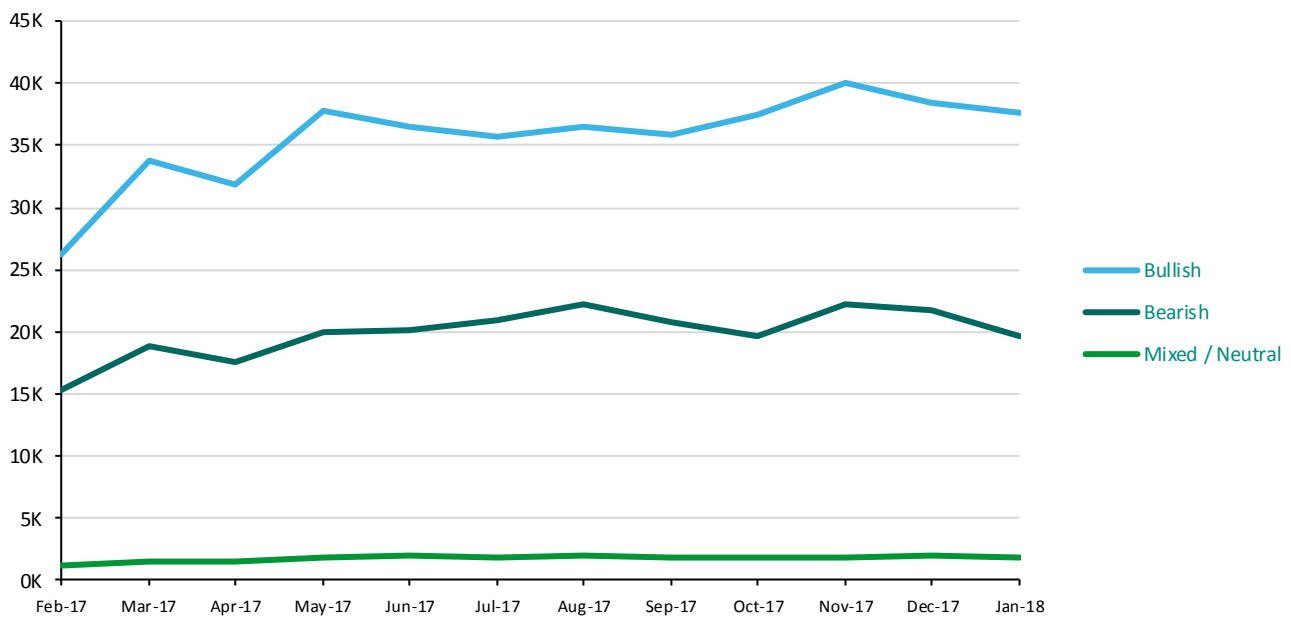
(Source Euronext)



# PRODUCT STRATEGIES

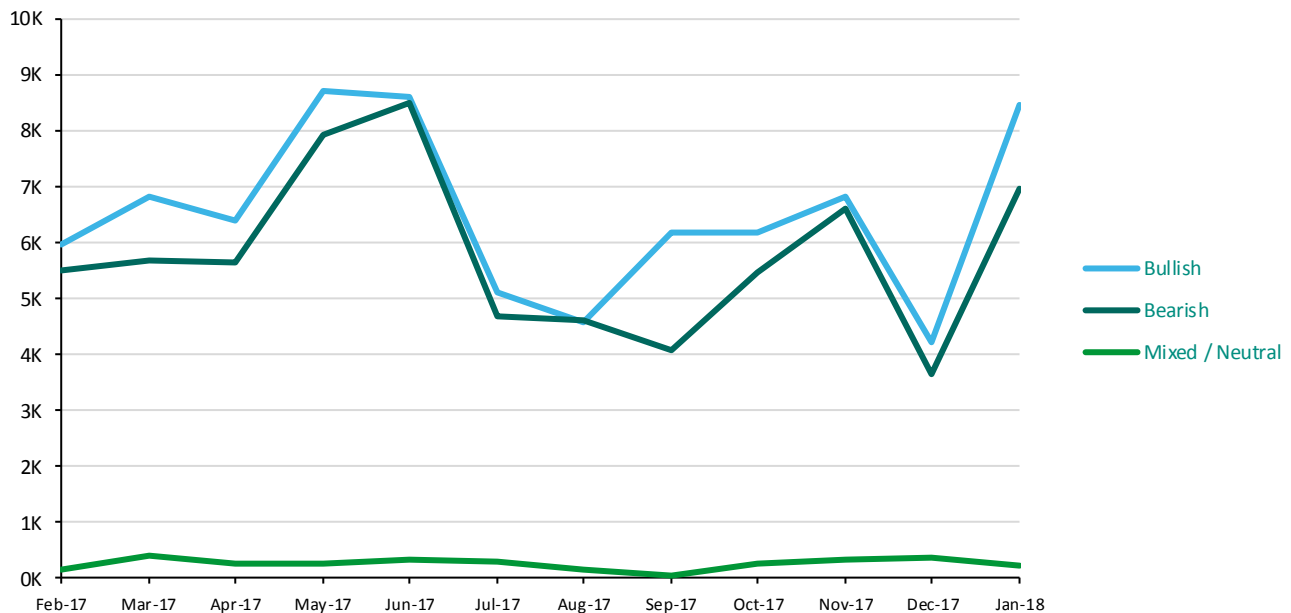
## Product Trend: Number of Live Products

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

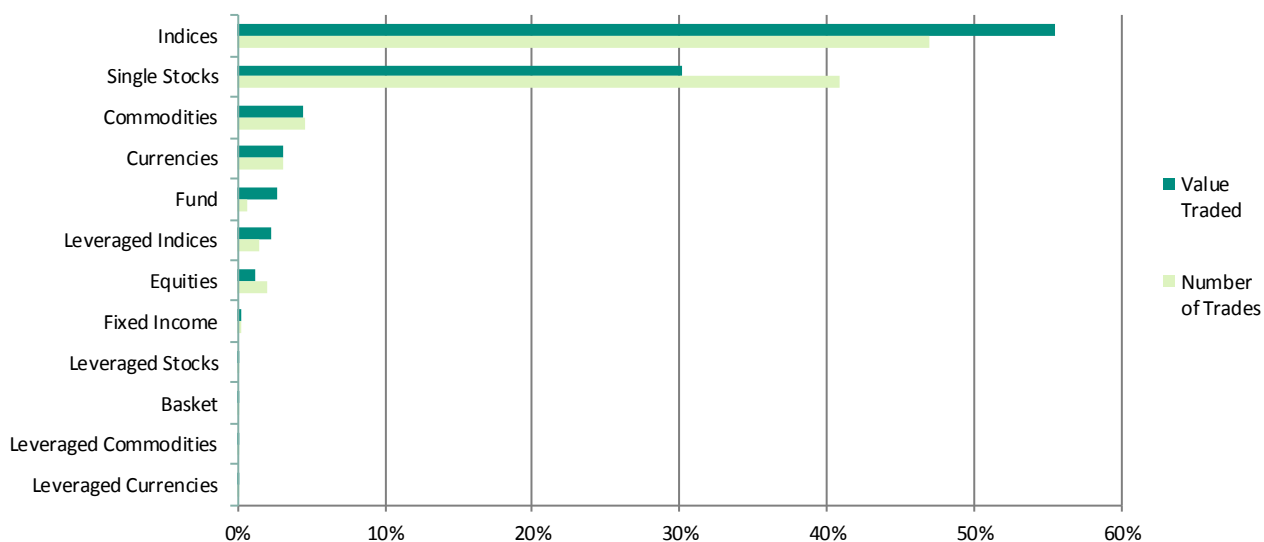
## Market Overview

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	24,139	6.1%	17.3%	55.5%	5,875	8.2%	8.3%	47.0%
Single Stocks	13,151	10.0%	22%	30.2%	5,113	44%	35%	40.9%
Commodities	1,923	-9.0%	-31%	4.4%	572	-10.3%	-30%	4.6%
Currencies	1,366	141%	42%	3.1%	387	47%	25%	3.1%
Fund	1,168	17.6%	-44%	2.7%	73	30%	-39%	0.6%
Leveraged Indices	1,001	-5.0%	-12.9%	2.3%	182	-21%	-18.4%	1.5%
Equities	522	15.0%	198%	1.2%	242	11.5%	156%	1.9%
Fixed Income	129	26%	23%	0.3%	32	-33%	-11.2%	0.3%
Leveraged Stocks	58	-2.8%	14.9%	0.1%	18	-28%	4.9%	0.1%
Basket	29	111%	-11.3%	0.1%	2.8	65%	7.1%	0.0%
Leveraged Commodities	26	-25%	-14.9%	0.1%	15	-18.6%	-25%	0.1%
Leveraged Currencies	2	NA	67%	0.0%	0.6	286%	9.0%	0.0%
<b>Total</b>	<b>43,514</b>	<b>8.5%</b>	<b>12.3%</b>	<b>100%</b>	<b>12,512</b>	<b>19.4%</b>	<b>15.3%</b>	<b>100%</b>

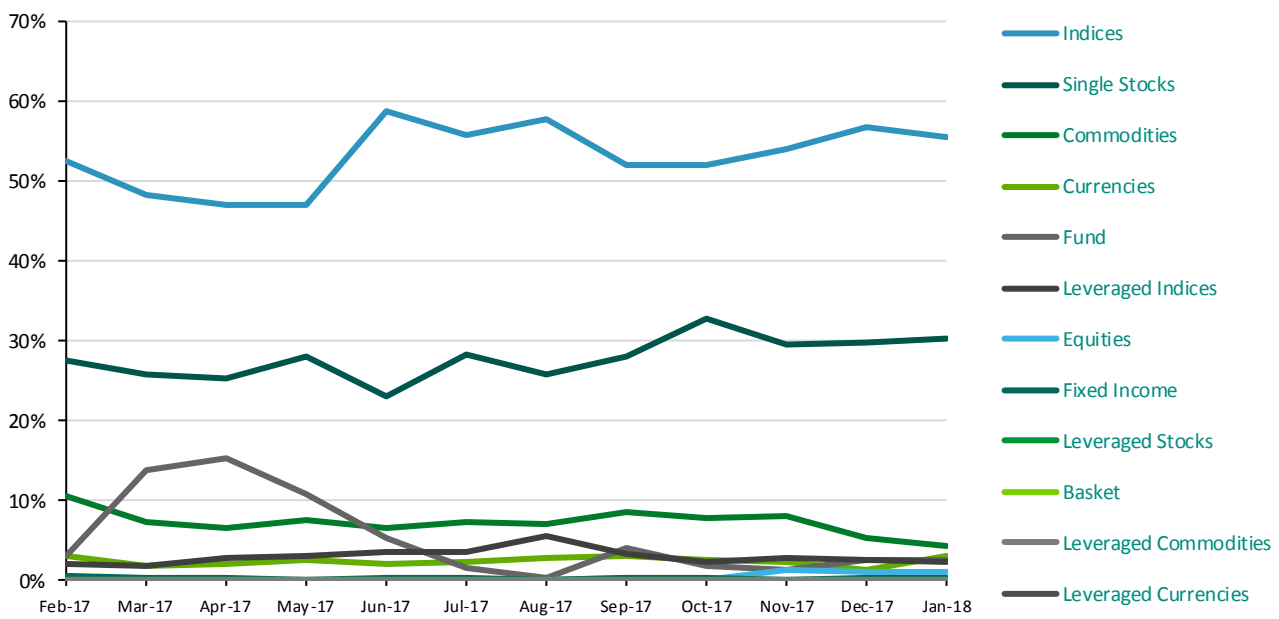
(Source Euronext)



# UNDERLYING TYPES

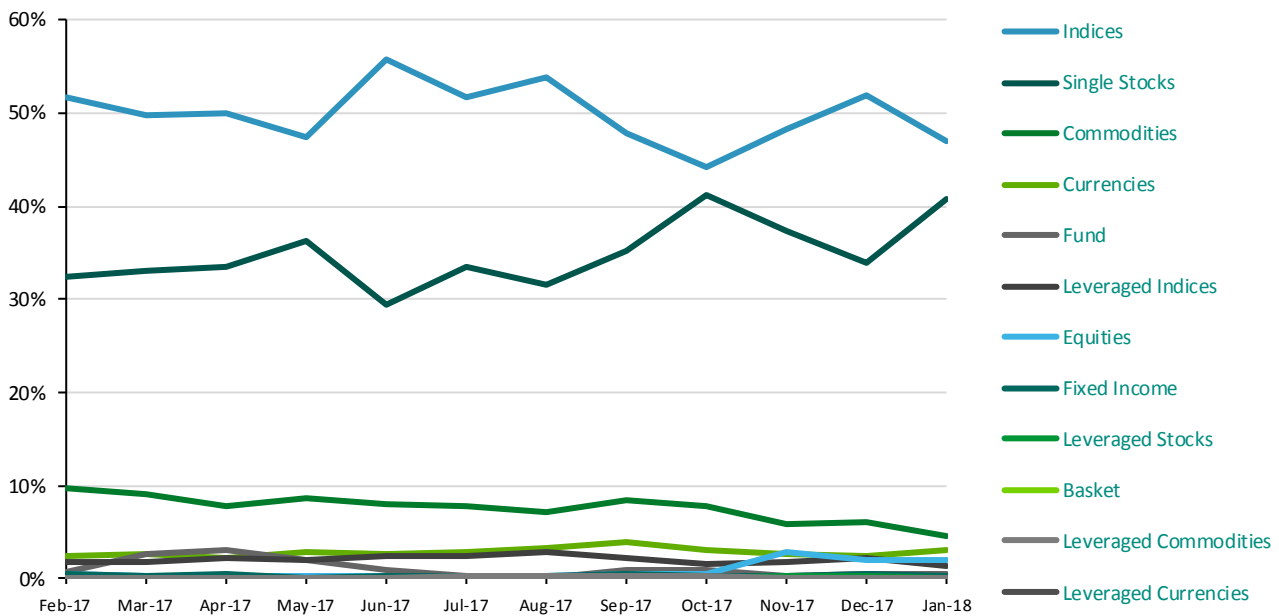
## Market Trend: Value traded

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

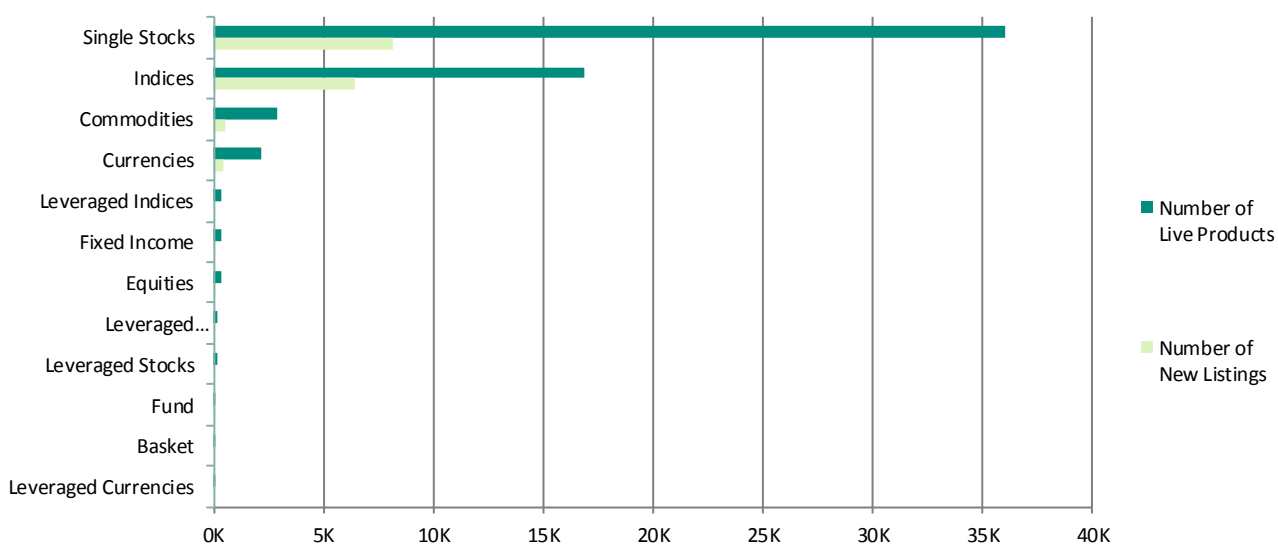
## Product Overview

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	36,017	-6.4%	0.9%	60.8%	8,131	97%	15.6%	51.9%
Indices	16,854	-1.5%	9.8%	28.5%	6,470	94%	50%	41.3%
Commodities	2,871	-1.3%	0.8%	4.8%	536	45%	0.5%	3.4%
Currencies	2,122	-7.8%	-1.4%	3.6%	431	47%	-14.9%	2.8%
Leveraged Indices	378	-3.6%	-8.6%	0.6%	0		-100%	0.0%
Fixed Income	305	-2.7%	14.3%	0.5%	17	325%	-48%	0.1%
Equities	295	2.0%	30%	0.5%	72	-31%	7.1%	0.5%
Leveraged Commodities	140	-0.9%	11.0%	0.2%	0		-100%	0.0%
Leveraged Stocks	115	-1.5%	8.3%	0.2%	0		-100%	0.0%
Fund	95	2.8%	27%	0.2%	5	67%	3.4%	0.0%
Basket	19	-2.2%	-1.3%	0.0%	0	-100%	-100%	0.0%
Leveraged Currencies	13	0.0%	-2.2%	0.0%	0			0.0%
<b>Total</b>	<b>59,227</b>	<b>-4.7%</b>	<b>3.3%</b>	<b>100%</b>	<b>15,662</b>	<b>90.2%</b>	<b>24.8%</b>	<b>100%</b>

(Source Euronext)

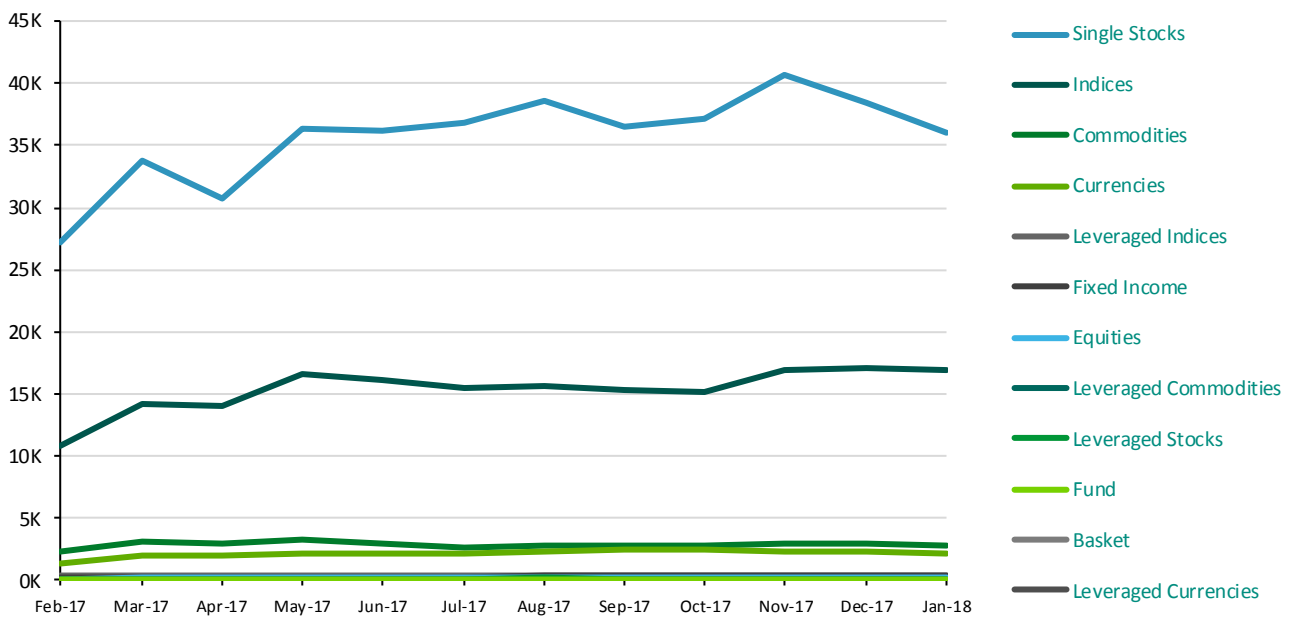




# UNDERLYING TYPES

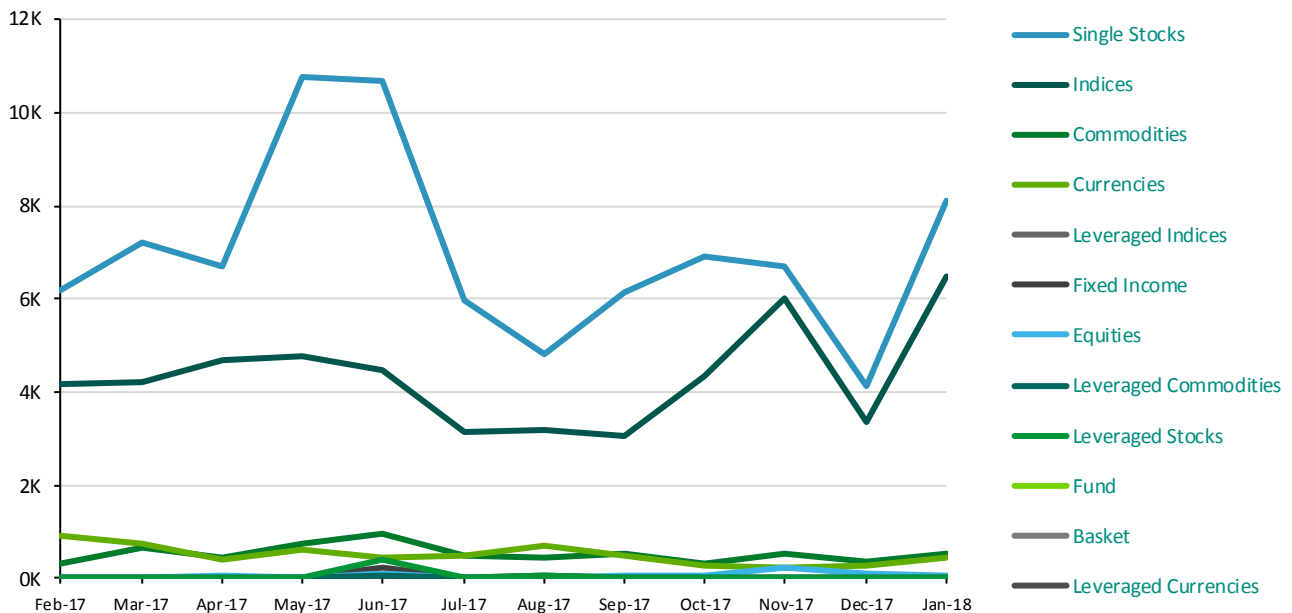
## Product Trend: Number of Live Products

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

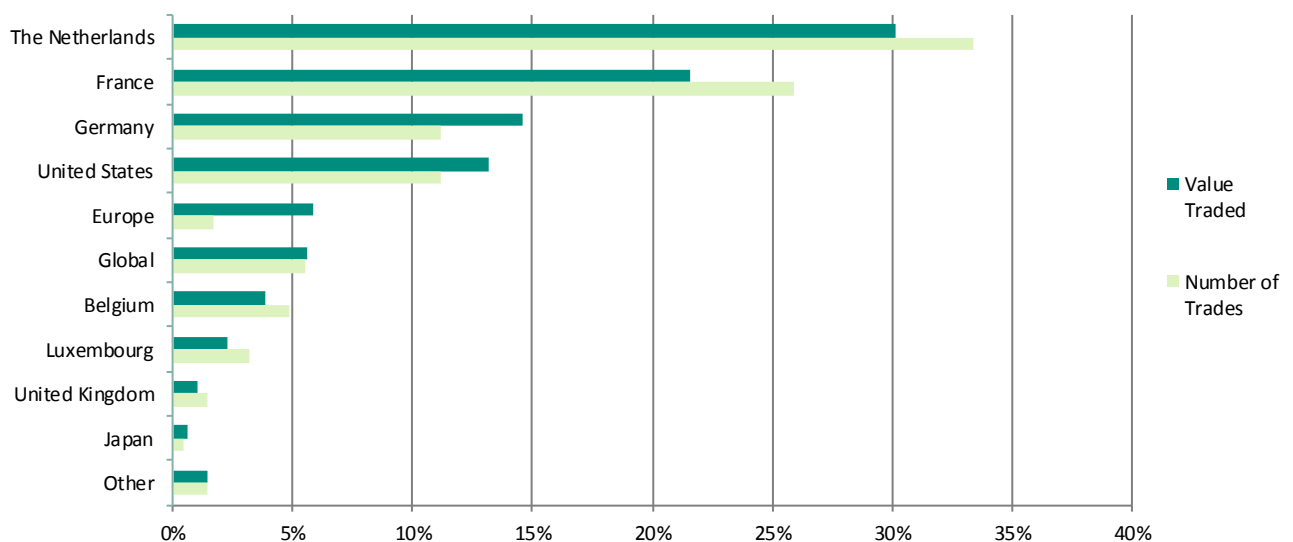
## Market Overview

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	13,127	-10.0%	13.4%	30.2%	4,177	23%	22%	33.4%
France	9,380	-1.1%	-4.5%	21.6%	3,241	4.4%	0.7%	25.9%
Germany	6,341	46%	71%	14.6%	1,403	21%	29%	11.2%
United States	5,724	39%	48%	13.2%	1,393	42%	36%	11.1%
Europe	2,536	0.5%	-27%	5.8%	209	13.2%	-20%	1.7%
Global	2,426	-3.6%	-32%	5.6%	690	-6.0%	-29%	5.5%
Belgium	1,670	121%	113%	3.8%	602	73%	82%	4.8%
Luxembourg	984	31%	33%	2.3%	399	35%	46%	3.2%
United Kingdom	440	47%	-5.4%	1.0%	174	74%	77%	1.4%
Japan	262	2.8%		0.6%	51	17.2%		0.4%
Other	624	26%	-23%	1.4%	175	28%	-1.6%	1.4%
<b>Total</b>	<b>43,514</b>	<b>8.5%</b>	<b>12.3%</b>	<b>100%</b>	<b>12,512</b>	<b>19.4%</b>	<b>15.3%</b>	<b>100%</b>

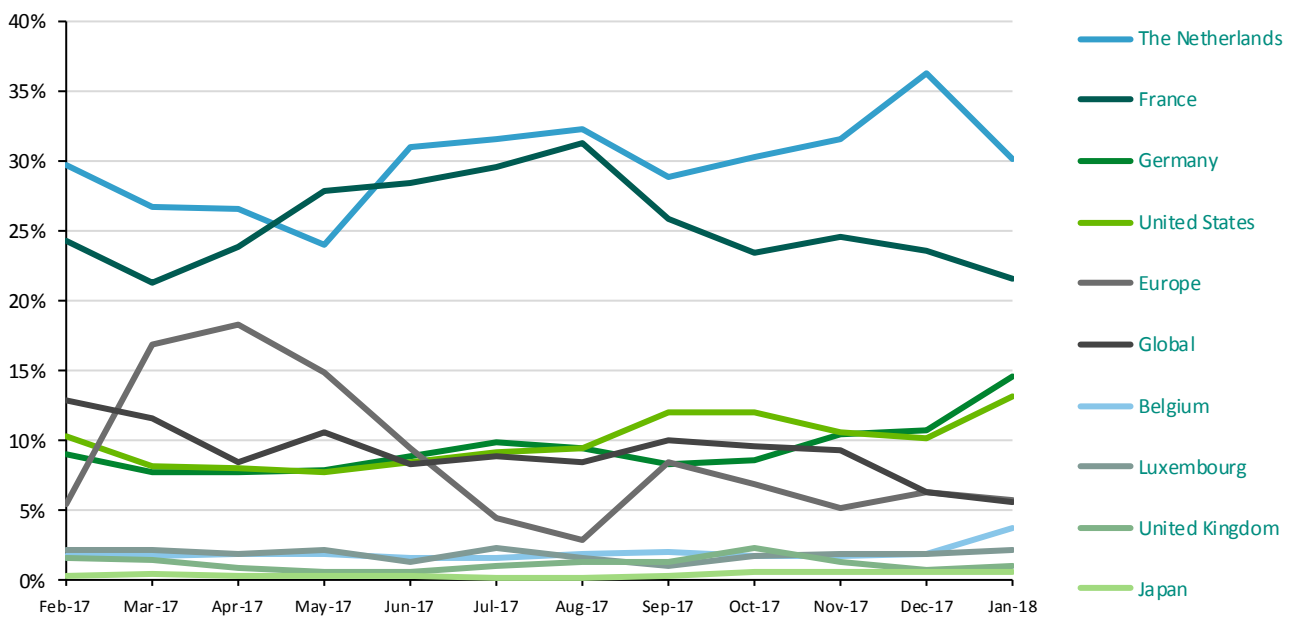
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

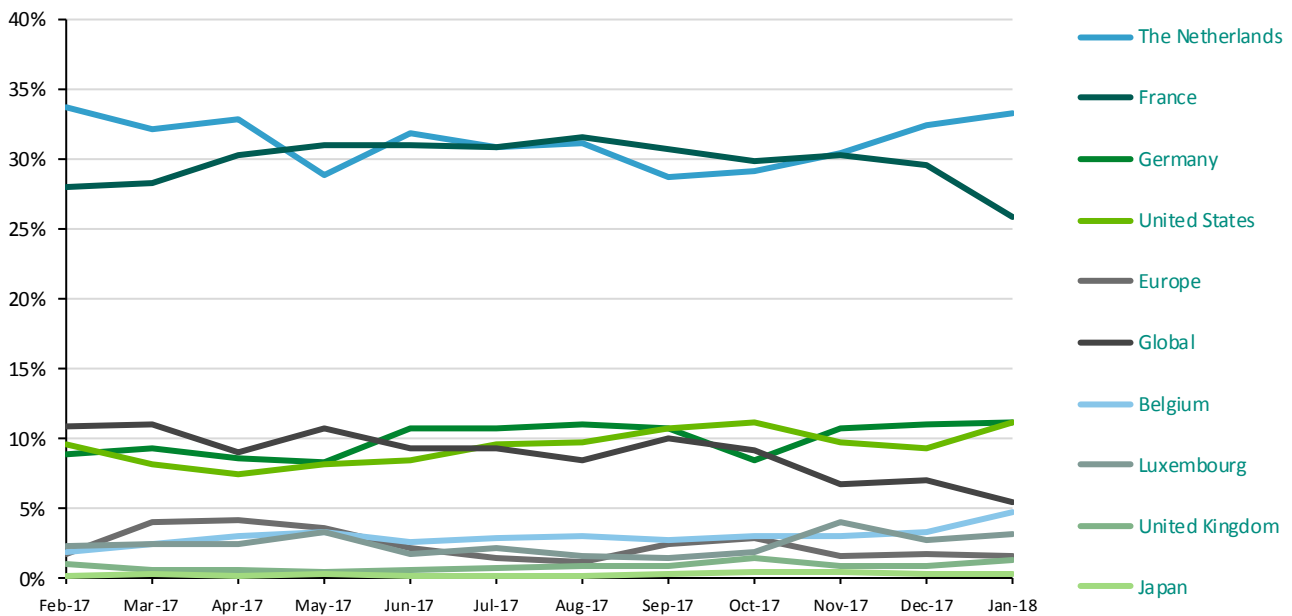
## Market Trend: Value traded

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

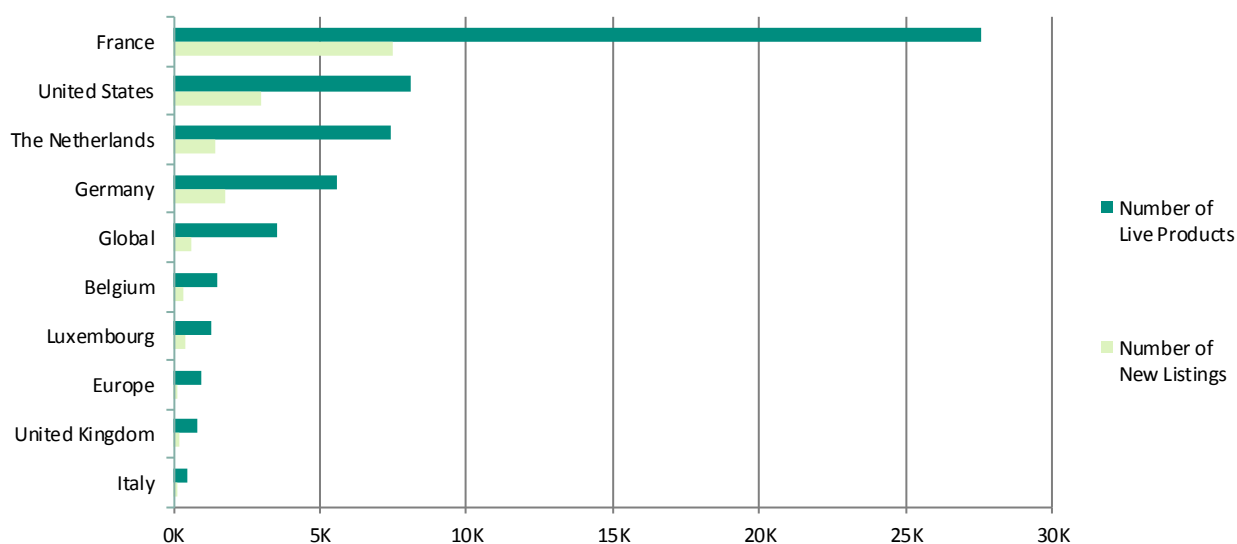
## Product Overview

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	27,566	-7.4%	0.2%	46.5%	7,499	94%	12.4%	47.9%
United States	8,120	-2.3%	6.6%	13.7%	2,974	89%	77%	19.0%
The Netherlands	7,386	-3.6%	9.7%	12.5%	1,388	82%	16.1%	8.9%
Germany	5,560	-2.7%	4.2%	9.4%	1,767	138%	44%	11.3%
Global	3,500	-1.7%	-1.7%	5.9%	563	47%	-16.5%	3.6%
Belgium	1,505	1.9%	11.6%	2.5%	306	191%	58%	2.0%
Luxembourg	1,312	3.0%	13.6%	2.2%	425	30%	35%	2.7%
Europe	907	-3.3%	3.0%	1.5%	103	32%	-3.9%	0.7%
United Kingdom	785	-1.0%	13.1%	1.3%	157	41%	37%	1.0%
Italy	451	3.4%	18.8%	0.8%	88	115%	29%	0.6%
Other	2,135	-4.5%	2.6%	3.6%	392	57%	30%	2.5%
<b>Total</b>	<b>59,227</b>	<b>-4.7%</b>	<b>3.3%</b>	<b>100%</b>	<b>15,662</b>	<b>90.2%</b>	<b>24.8%</b>	<b>100%</b>

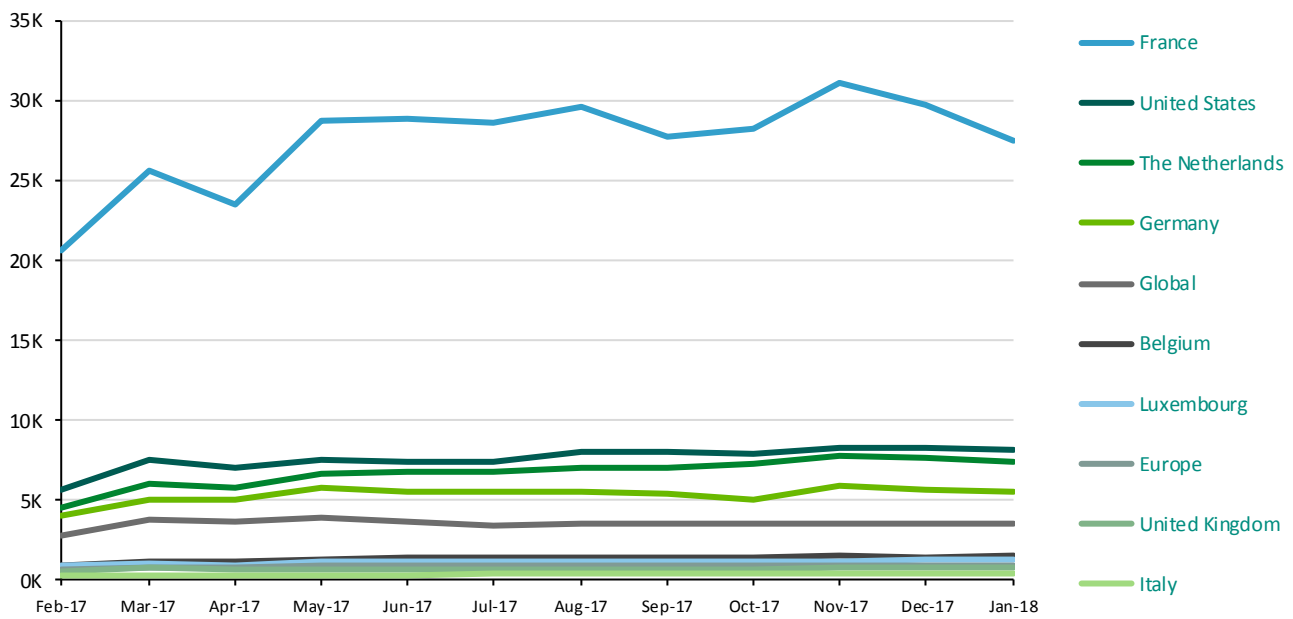
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

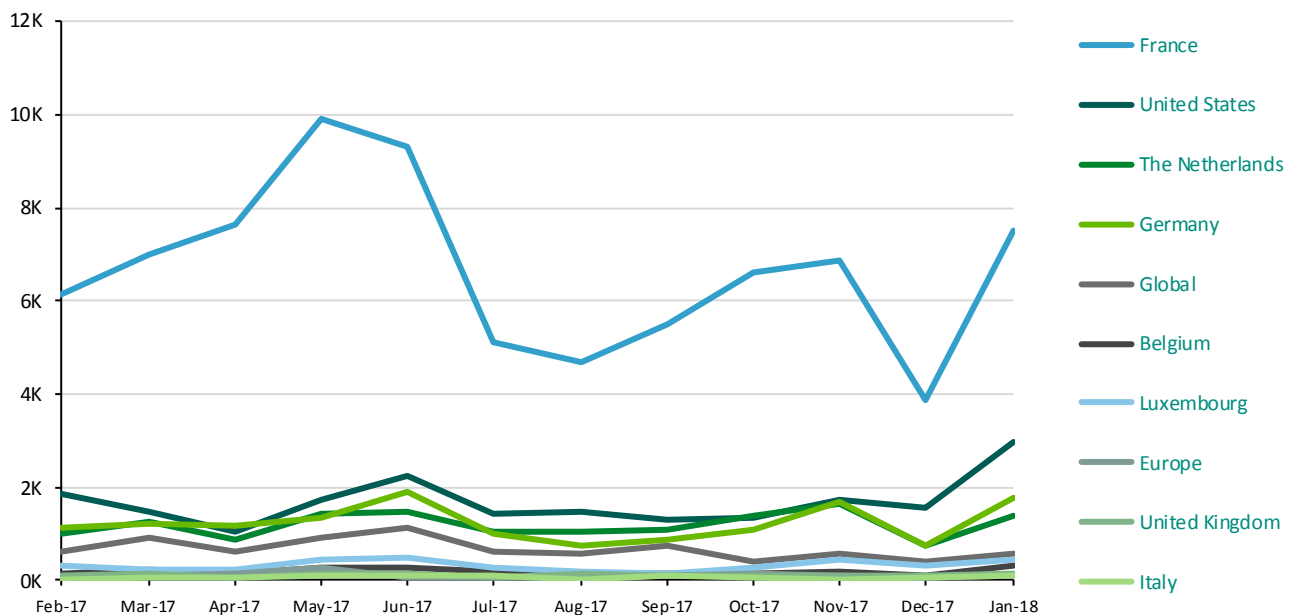
## Product Trend: Number of Live Products

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

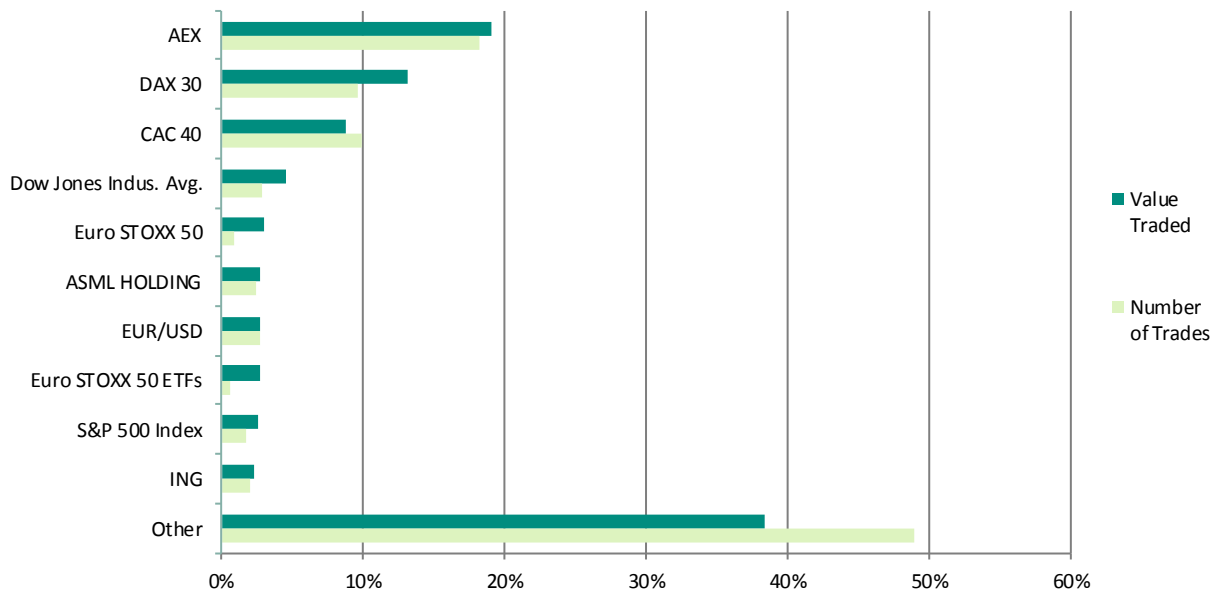
## Market Overview

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	8,333	0.0%	7.2%	19.1%	2,285	9.2%	7.4%	18.3%
DAX 30	5,721	44%	75%	13.1%	1,206	18.5%	31%	9.6%
CAC 40	3,853	-16.9%	-13.1%	8.9%	1,243	-12.7%	-14.1%	9.9%
Dow Jones Indus. Avg.	1,968	61%	110%	4.5%	357	39%	49%	2.9%
Euro STOXX 50	1,285	-12.8%	-1.6%	3.0%	120	2.5%	-4.1%	1.0%
ASML HOLDING	1,190	101%	216%	2.7%	300	161%	240%	2.4%
EUR/USD	1,168	160%	40%	2.7%	339	59%	31%	2.7%
Euro STOXX 50 ETFs	1,167	17.6%	-44%	2.7%	73	29%	-39%	0.6%
S&P 500 Index	1,125	-1.6%	5.8%	2.6%	215	28%	7.5%	1.7%
ING	989	68%	78%	2.3%	249	95%	100%	2.0%
Other	16,716	0.1%	3.6%	38.4%	6,125	25%	17.8%	49.0%
<b>Total</b>	<b>43,514</b>	<b>8.5%</b>	<b>12.3%</b>	<b>100%</b>	<b>12,512</b>	<b>19.4%</b>	<b>15.3%</b>	<b>100%</b>

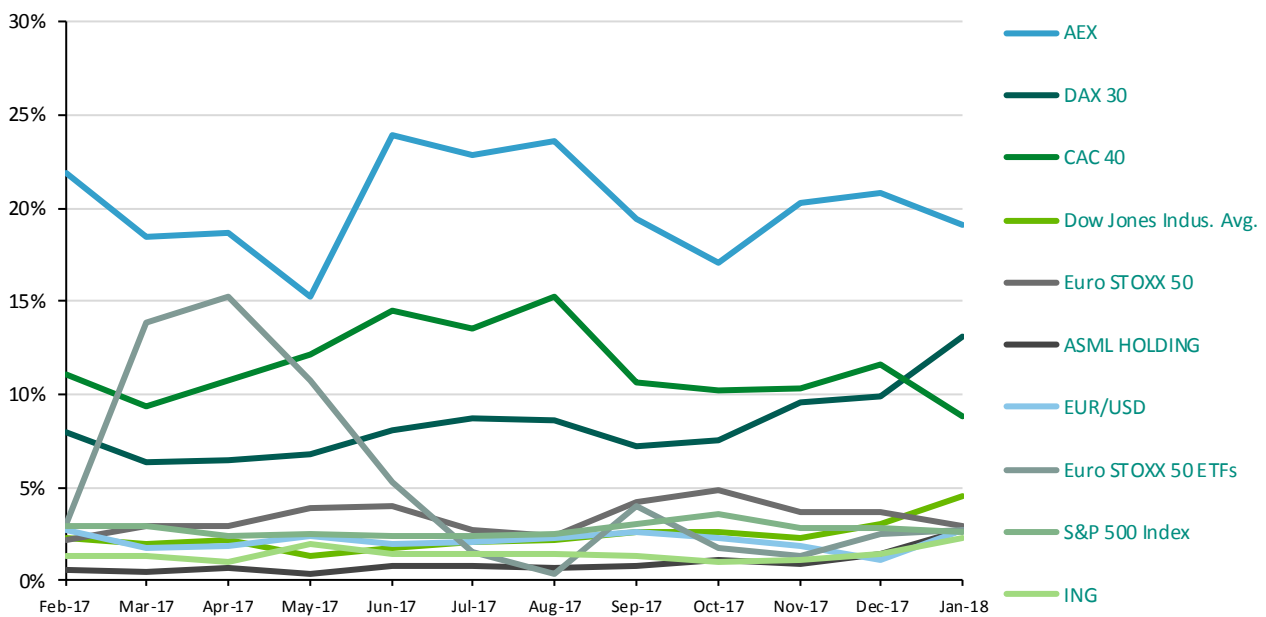
(Source Euronext)



# TOP 10 UNDERLYINGS

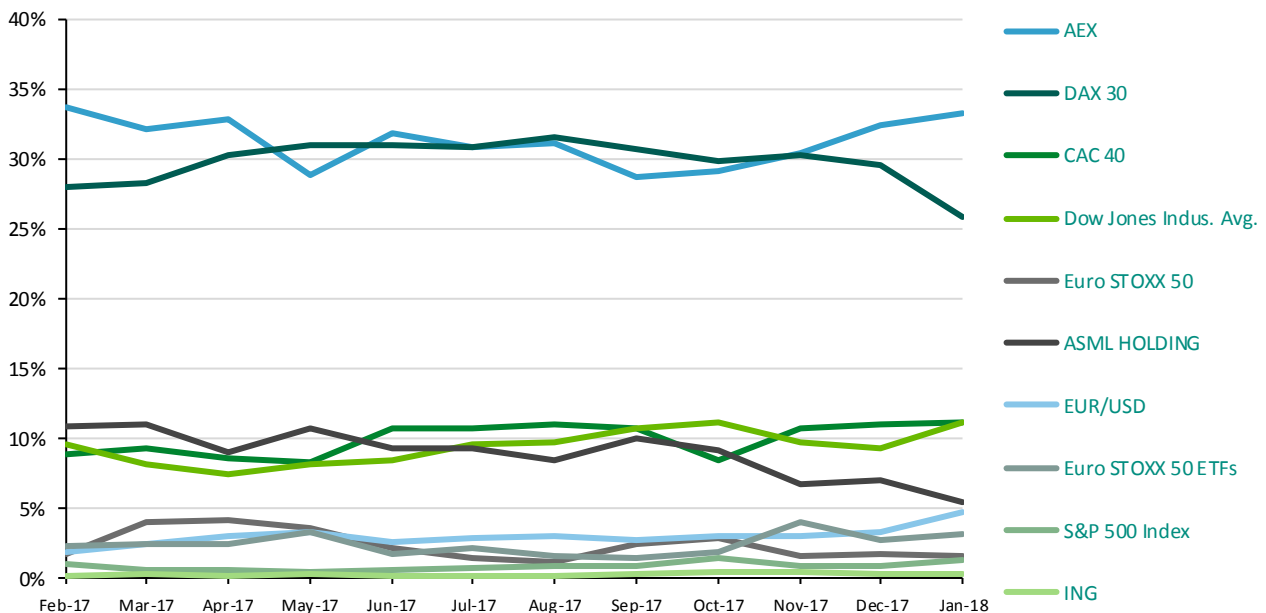
## Market Trend: Value traded

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

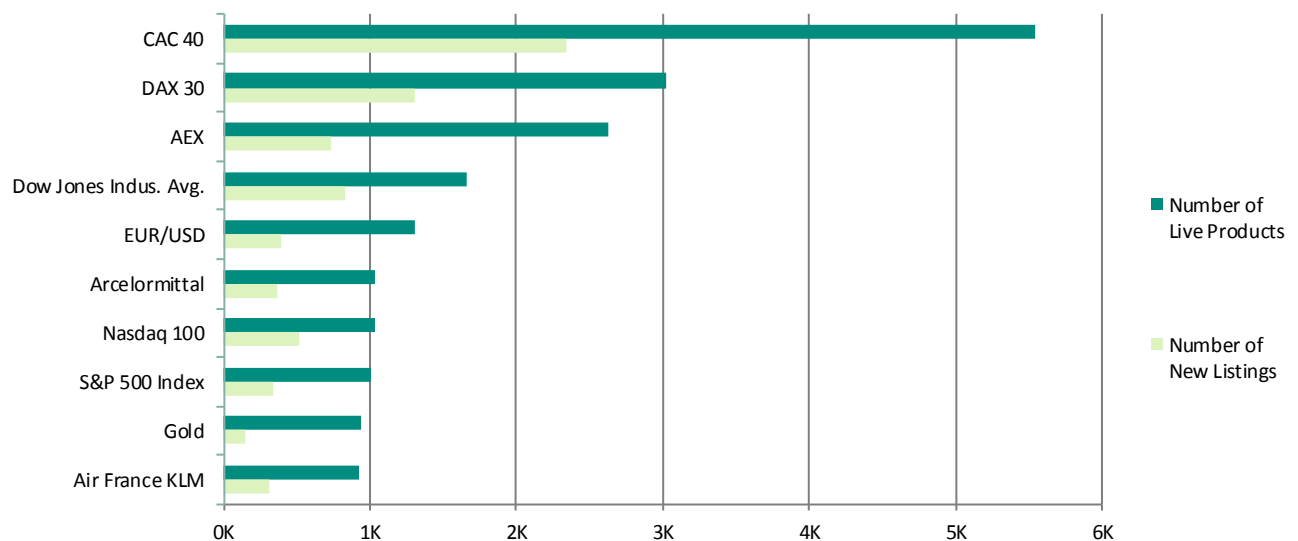
## Product Overview

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	5,542	-2.7%	11.8%	9.4%	2,340	54%	16.8%	14.9%
DAX 30	3,028	-2.2%	3.2%	5.1%	1,308	134%	61%	8.4%
AEX	2,631	-3.3%	12.7%	4.4%	735	146%	50%	4.7%
Dow Jones Indus. Avg.	1,659	7.0%	20%	2.8%	834	73%	147%	5.3%
EUR/USD	1,304	-7.2%	15.4%	2.2%	388	80%	45%	2.5%
Arcelormittal	1,037	3.1%	15.3%	1.8%	359	48%	40%	2.3%
Nasdaq 100	1,030	0.2%	19.6%	1.7%	515	165%	140%	3.3%
S&P 500 Index	1,002	-1.0%	14.9%	1.7%	342	118%	133%	2.2%
Gold	936	-3.7%	5.8%	1.6%	142	16.4%	-9.2%	0.9%
Air France KLM	923	-7.2%	0.9%	1.6%	312	89%	1.1%	2.0%
Other	40,133	-6.0%	0.0%	67.8%	8,387	96%	11.1%	53.5%
Total	59,227	-4.7%	3.3%	100%	15,662	90.2%	24.8%	100%

(Source Euronext)

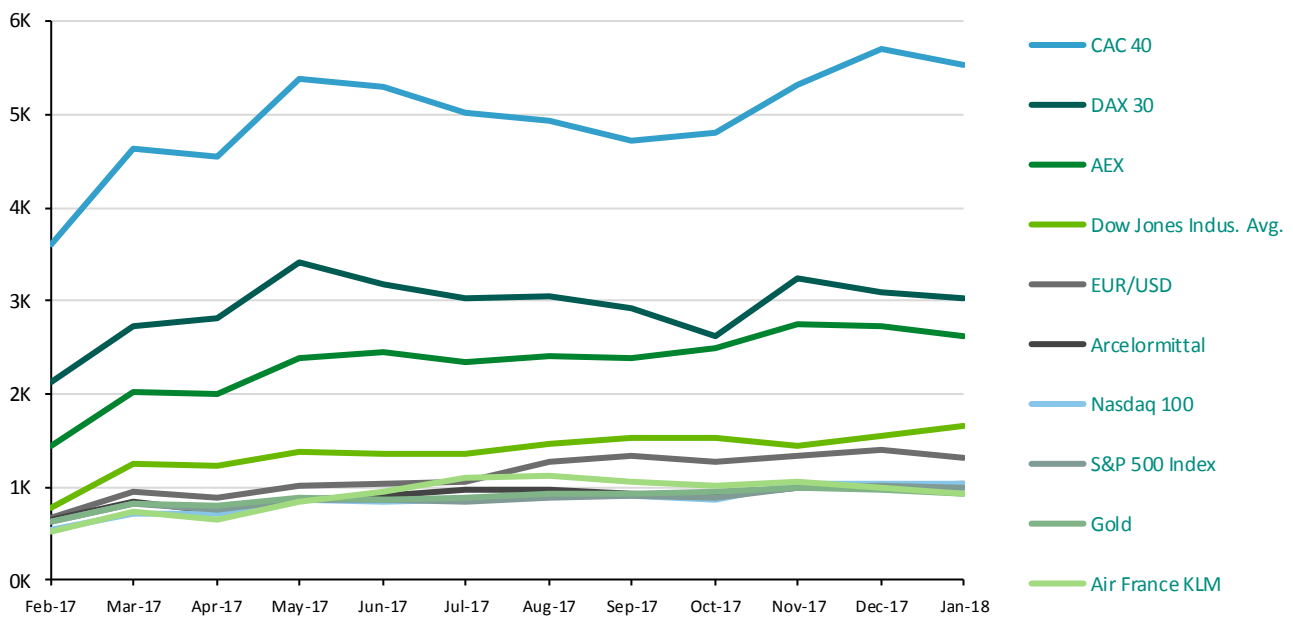




# TOP 10 UNDERLYINGS

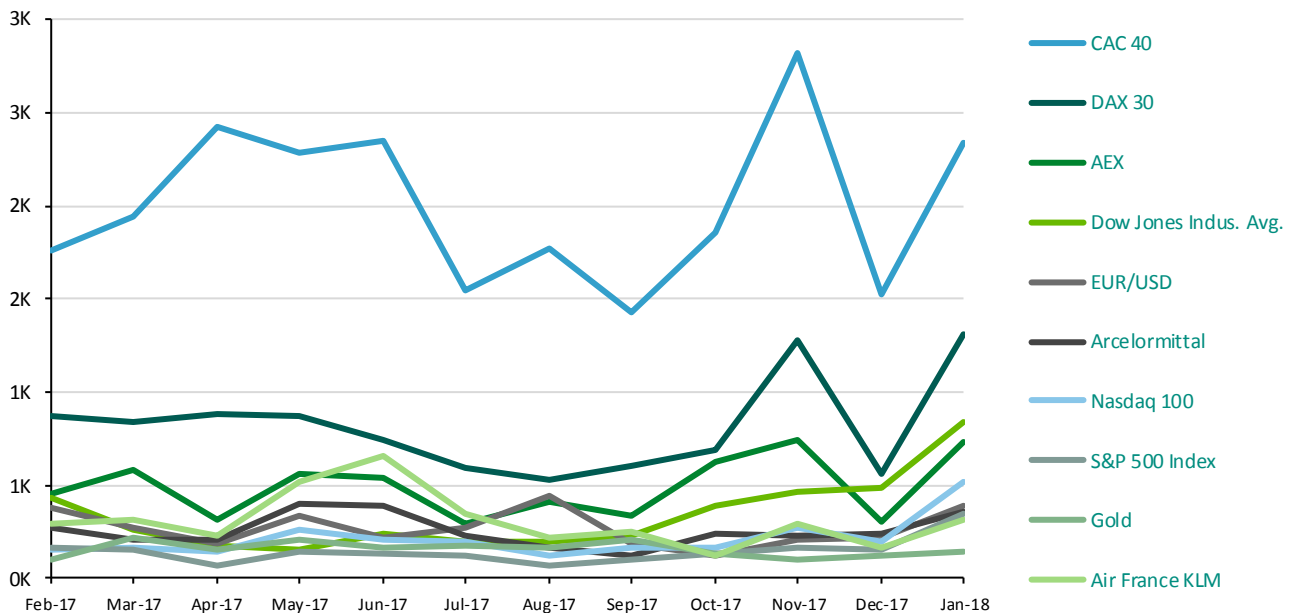
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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
NL0012244768	Goldman Sachs	2205   Open-End Knock-Out Warrants	DAX 30	52,355	592
PTBIVRYE0068	BCP	1300   Tracker Certificates	Euro STOXX 50	47,632	3,984
PTBITAYE0046	BCP	1300   Tracker Certificates	S&P 500 Index	35,368	4,040
NL0012355416	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	24,206	394
NL0012692800	BNP Paribas	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	21,531	636
NL0012700728	BNP Paribas	2210   Mini-Futures	AEX	21,334	658
PTBIYZYE0040	BCP	1300   Tracker Certificates	Dow Jones Indus. Avg.	12,992	1,392
NL0012703037	ING	2100   Warrants	Euro STOXX 50 ETFs	11,143	1,044
PTBIWBYE0057	BCP	1300   Tracker Certificates	Nasdaq 100	11,023	1,052
NL0012512420	BNP Paribas	2210   Mini-Futures	EUR/USD	10,315	262
PTBITEYE0034	BCP	1300   Tracker Certificates	DAX 30	10,263	1,004
NL0012548234	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	9,982	1,122
NL0012501365	BNP Paribas	2205   Open-End Knock-Out Warrants	ASML HOLDING	9,589	790
PTBITTYE0094	BCP	1300   Tracker Certificates	MSCI World Index	9,412	926
PTBCS1YE0010	BCP	1300   Tracker Certificates	Nikkei 225 Index	8,321	1,320
NL0012697668	BNP Paribas	2210   Mini-Futures	AEX	8,092	7,714
NL0012697684	BNP Paribas	2210   Mini-Futures	AEX	7,837	466
NL0012699201	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	7,474	1,712
NL0012693527	BNP Paribas	2210   Mini-Futures	AEX	7,406	348
NL0012693295	BNP Paribas	2210   Mini-Futures	AEX	7,387	252
NL0012030522	BNP Paribas	2210   Mini-Futures	ING	7,307	216
NL0011642707	BNP Paribas	2210   Mini-Futures	Silver	7,220	84
NL0012695613	BNP Paribas	2210   Mini-Futures	AEX	6,980	112
FR0013188612	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	6,884	496
PTBIWKYE0023	BCP	1300   Tracker Certificates	CAC 40	6,875	904
PTBIY1YE0064	BCP	1300   Tracker Certificates	PSI 20 Index	6,584	888
DE000CY5ZZL7	Citi	2200   Knock-Out Warrants	DAX 30	6,557	348
NL0012700447	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	6,237	2,124
DE000CV2E2S7	Commerzbank	2210   Mini-Futures	Dow Jones Indus. Avg.	5,865	60
NL0012462584	ING	2205   Open-End Knock-Out Warrants	DAX 30	5,806	778
NL0012695324	BNP Paribas	2210   Mini-Futures	AEX	5,693	218
NL0012703045	ING	2100   Warrants	Euro STOXX 50 ETFs	5,657	376
NL0012700504	BNP Paribas	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	5,576	484
NL0012498174	BNP Paribas	2210   Mini-Futures	ASML HOLDING	5,550	420
NL0012537096	Goldman Sachs	2205   Open-End Knock-Out Warrants	DAX 30	5,448	140
DE000CD5NZY1	Commerzbank	2300   Constant Leverage Certificate	CAC 40	5,374	998
NL0012699789	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	5,219	1,306
NL0012436265	Goldman Sachs	2205   Open-End Knock-Out Warrants	EUR/USD	5,195	166
NL0012679419	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	5,179	1,436
FR0013217940	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,952	982
NL0012694053	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	4,879	1,242
DE000CY5ZW74	Citi	2200   Knock-Out Warrants	DAX 30	4,759	228
NL0012262026	BNP Paribas	2210   Mini-Futures	AEX	4,563	446
DE000CV4ZON6	Commerzbank	2205   Open-End Knock-Out Warrants	ING	4,558	1,482
NL0012258669	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	4,449	588
NL0012507115	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	4,411	3,198
DE000CR6X1V5	Commerzbank	2205   Open-End Knock-Out Warrants	Klepierre	4,319	460
DE000CE8WCF3	Commerzbank	2300   Constant Leverage Certificate	CAC 40	4,292	1,506
NL0012698302	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	4,267	580
DE000CE728Q5	Commerzbank	2205   Open-End Knock-Out Warrants	DAX 30	4,227	364

(Source Euronext)



Euronext Amsterdam

# ISSUERS

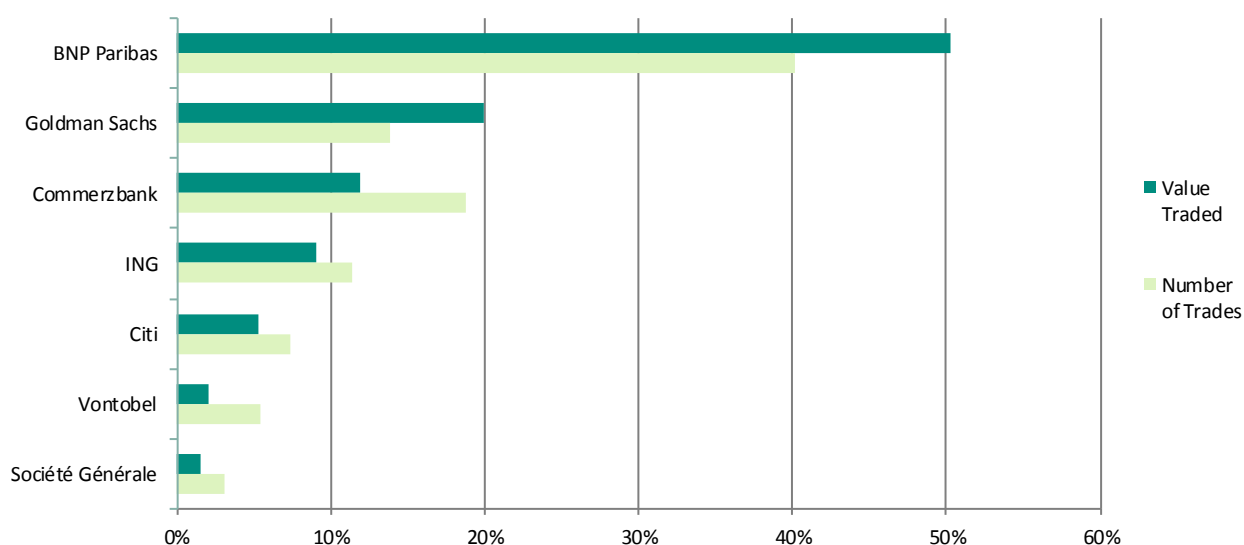
## Market Overview

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	12,974	27%	24%	50.3%	3,099	35.0%	15.5%	40.1%
Goldman Sachs	5,145	43%	16.8%	19.9%	1,073	16.2%	8.4%	13.9%
Commerzbank	3,083	75%	68%	11.9%	1,452	54.9%	51.7%	18.8%
ING	2,320	-48%	-18.8%	9.0%	882	17.7%	20.3%	11.4%
Citi	1,365	48%	25%	5.3%	565	51.1%	12.6%	7.3%
Vontobel	523	11.0%	187%	2.0%	414	33.8%	245.6%	5.4%
Société Générale	393	75%	98%	1.5%	242	21.6%	83.2%	3.1%
Total	25,803	19.3%	22.4%	100%	7,728	33.5%	26.3%	100%

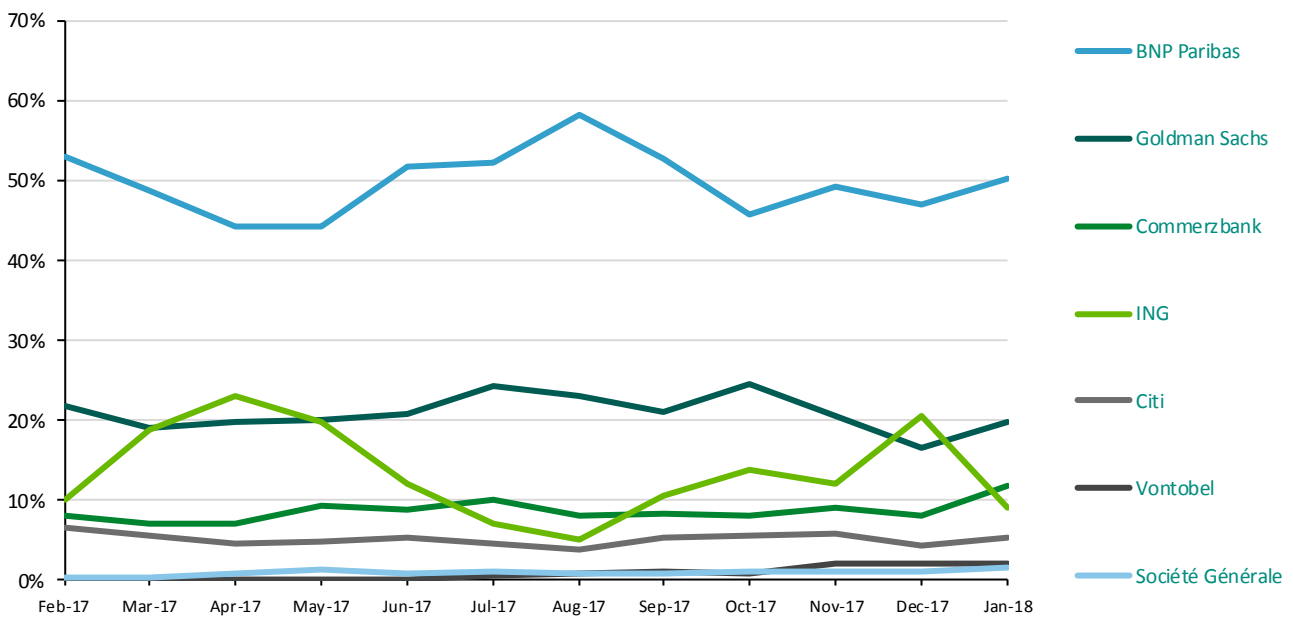
(Source Euronext)



# ISSUERS

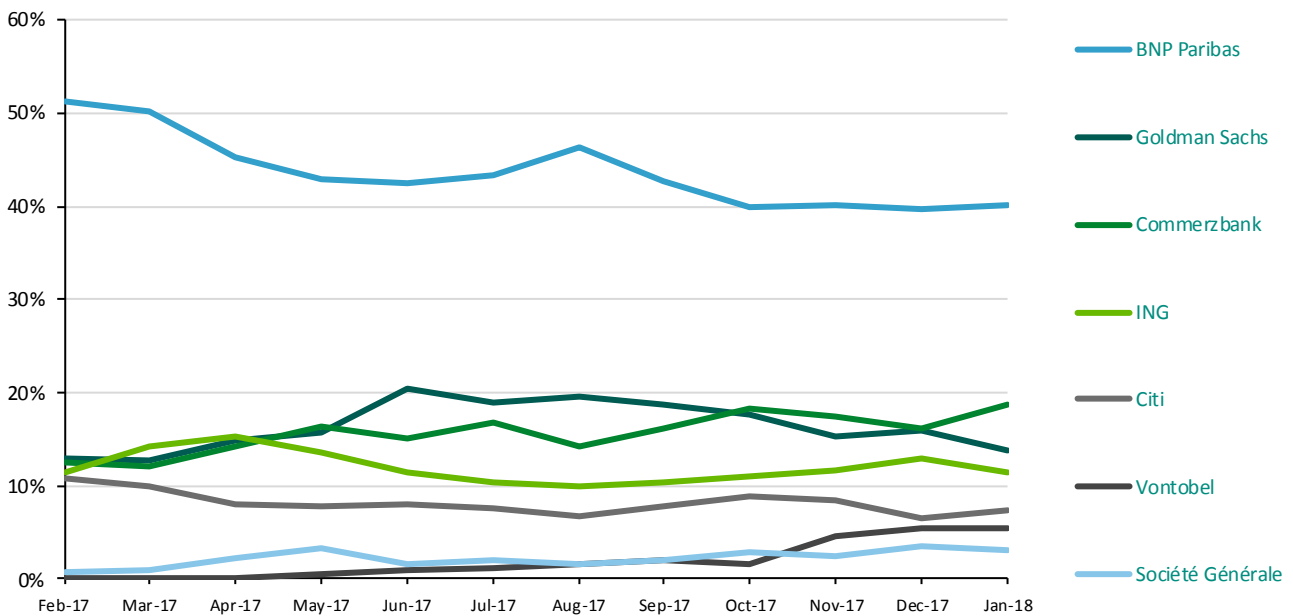
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

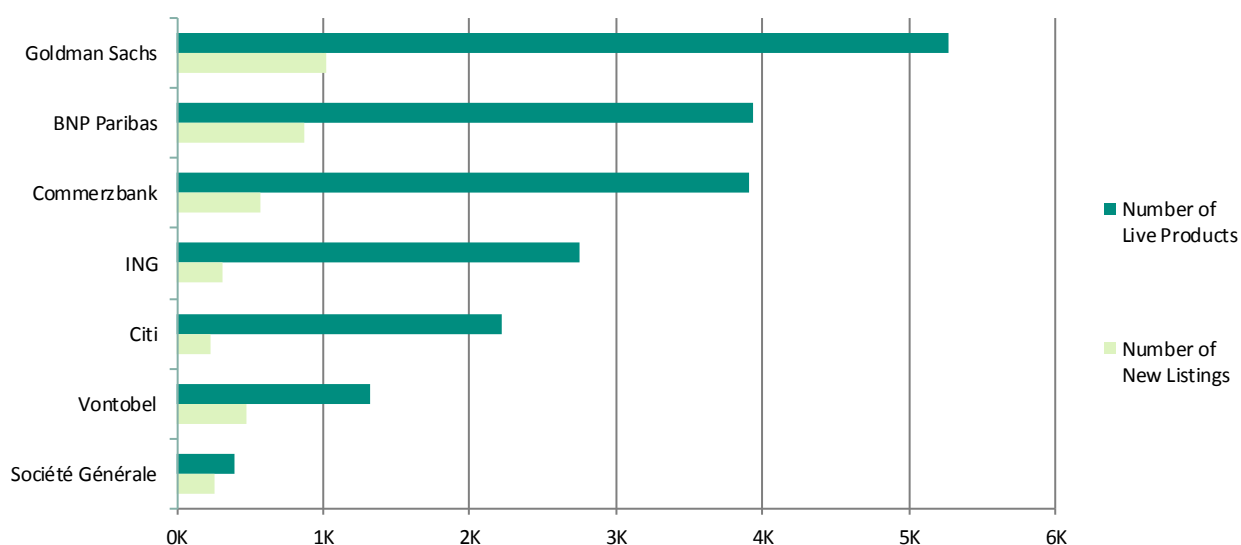
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	5,276	-1.0%	3.2%	26.6%	1,013	34%	-7.7%	27.2%
BNP Paribas	3,930	-1.0%	1.5%	19.8%	866	114%	38%	23.3%
Commerzbank	3,915	-4.8%	9.0%	19.8%	565	60%	9.0%	15.2%
ING	2,753	1.7%	8.5%	13.9%	305	133%	64%	8.2%
Citi	2,223	-4.1%	15.7%	11.2%	231	-3.8%	-48%	6.2%
Vontobel	1,324	-4.8%	47%	6.7%	480	138%	100%	12.9%
Société Générale	393	8.4%	-5.3%	2.0%	259	65%	50%	7.0%
<b>Total</b>	<b>19,814</b>	<b>-1.8%</b>	<b>8.0%</b>	<b>100%</b>	<b>3,719</b>	<b>65.8%</b>	<b>13.1%</b>	<b>100%</b>

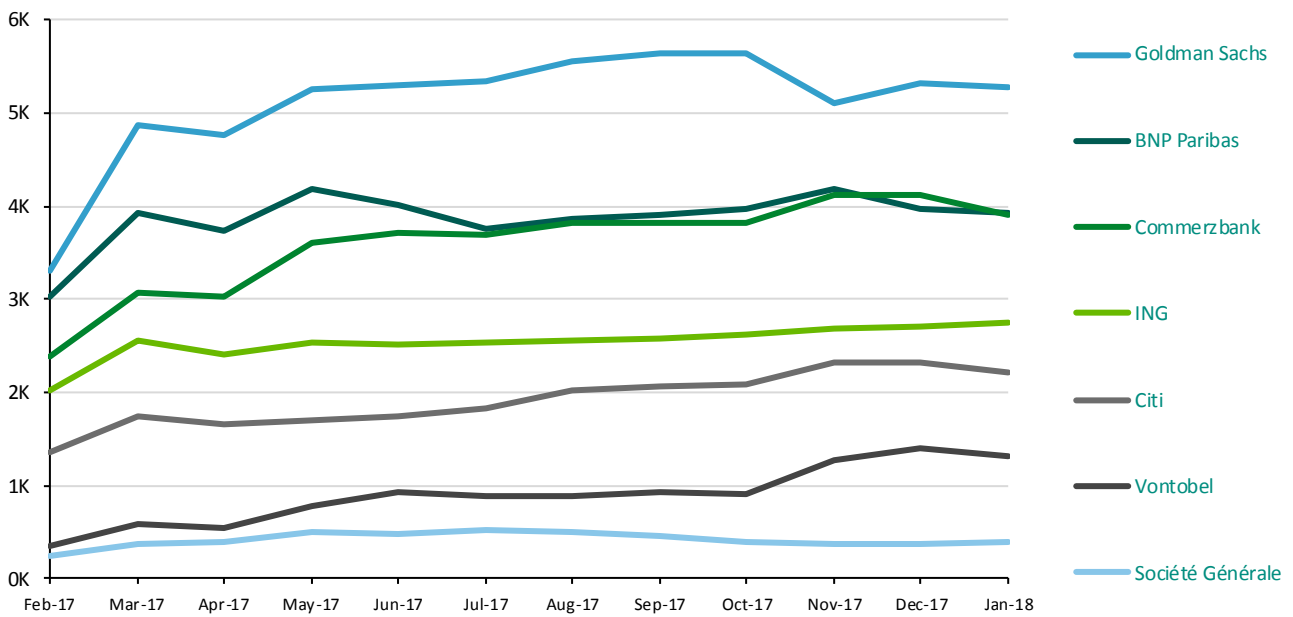
(Source Euronext)



# ISSUERS

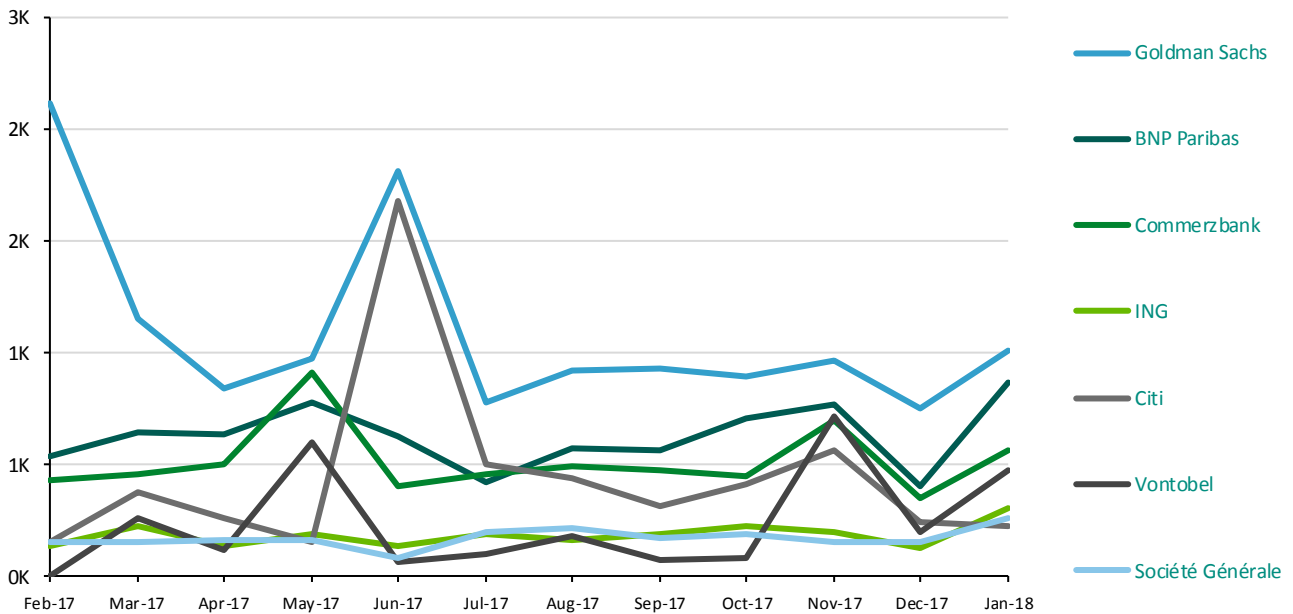
## Product Trend: Number of Live Products

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)

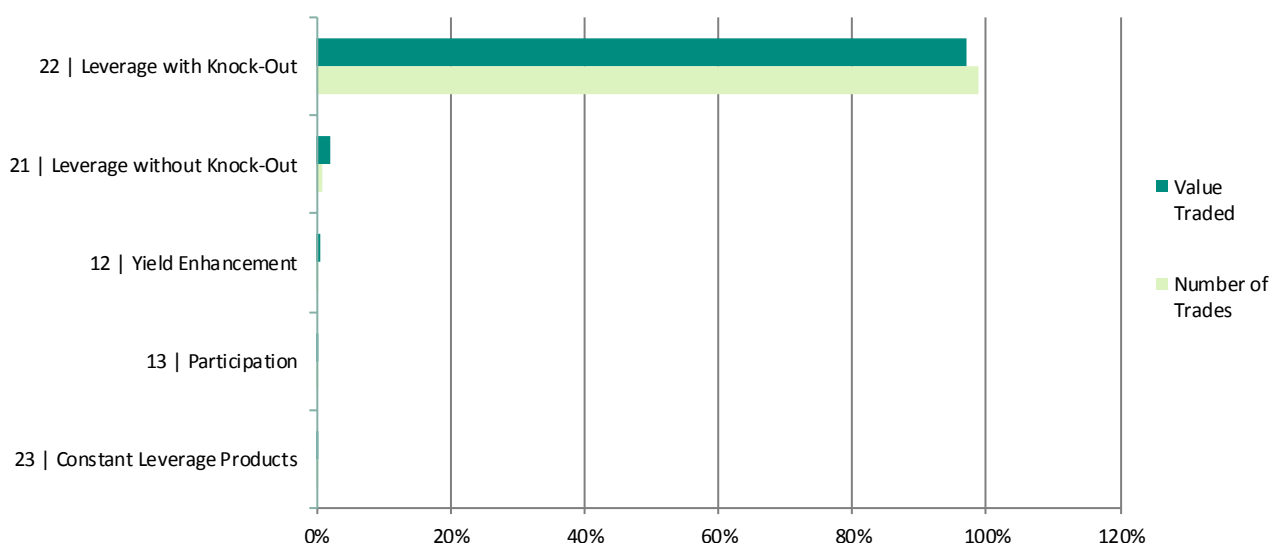
## Market Overview

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	25,017	18.9%	28%	97.0%	7,628	34%	28%	98.7%
21   Leverage without Knock-Out	542	36%	-56%	2.1%	58	19.8%	-46%	0.8%
12   Yield Enhancement	159	102%	0.2%	0.6%	13	1.0%	9.2%	0.2%
13   Participation	60	-4.0%	-17.0%	0.2%	11	-19.0%	-6.5%	0.1%
23   Constant Leverage Products	20	-33%	18.6%	0.1%	16	-21%	6.1%	0.2%
<b>Total</b>	<b>25,803</b>	<b>19.3%</b>	<b>22.4%</b>	<b>100%</b>	<b>7,728</b>	<b>33.5%</b>	<b>26.3%</b>	<b>100%</b>

(Source Euronext)

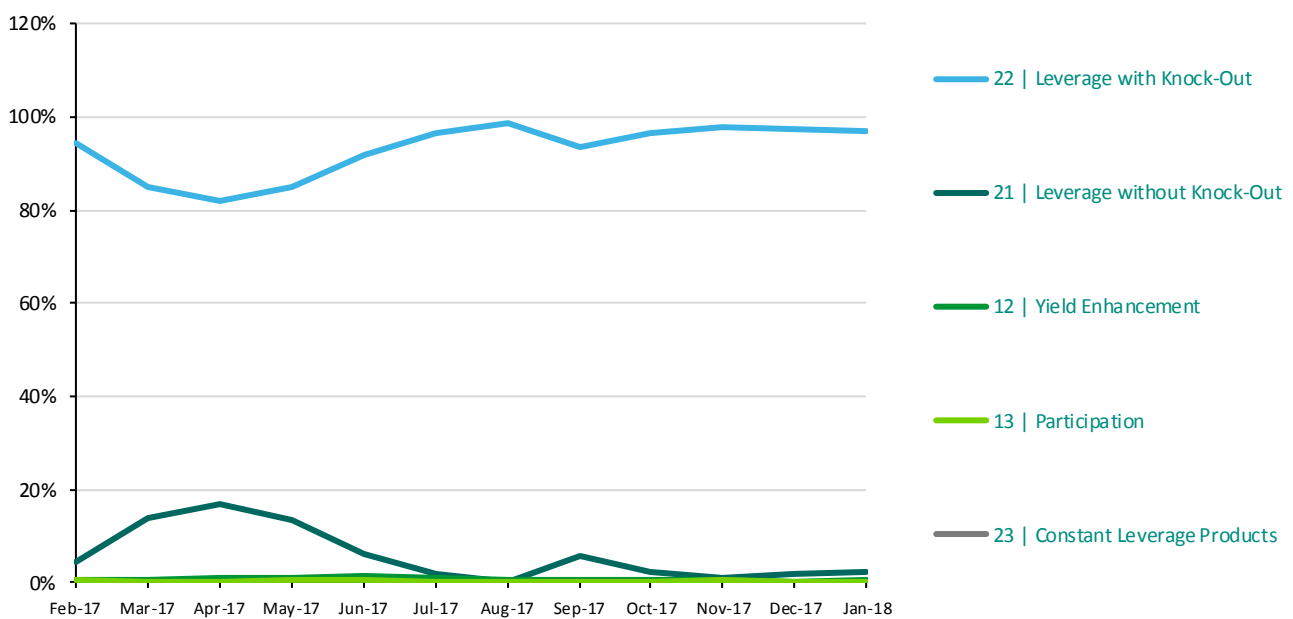




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

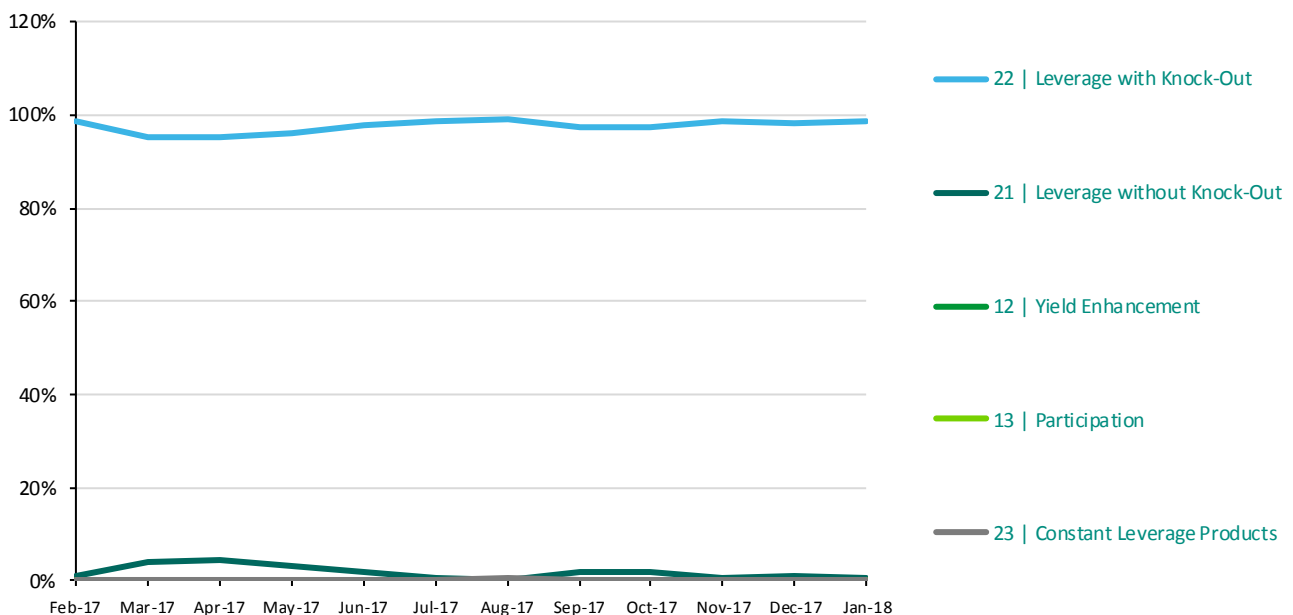
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

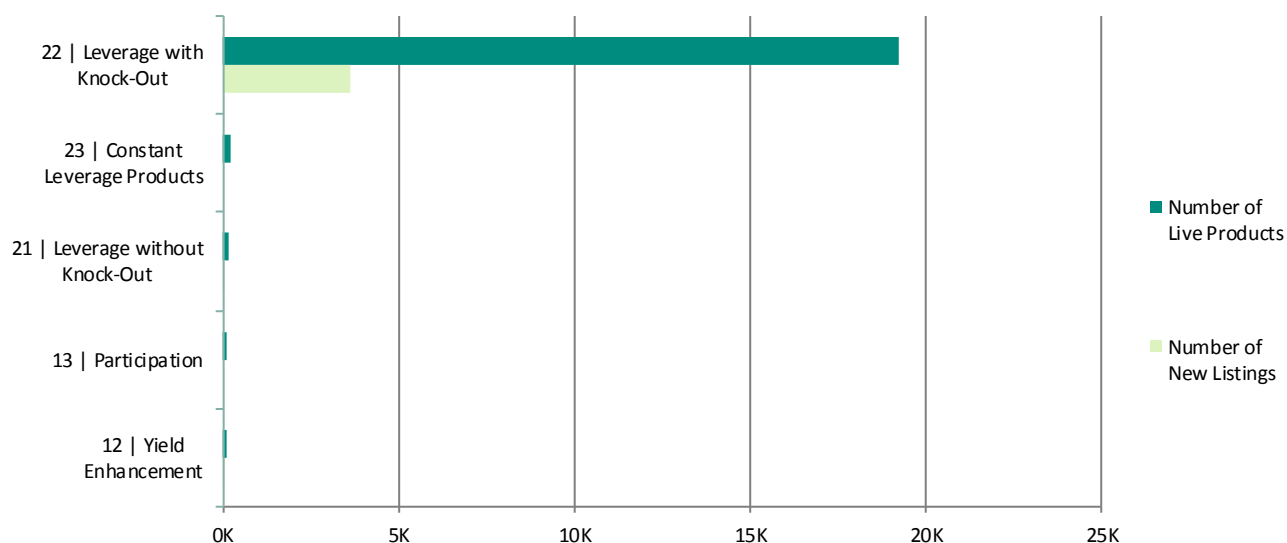
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	19,217	-1.7%	8.0%	97.0%	3,644	63%	12.8%	98.0%
23   Constant Leverage Products	223	0.0%	-5.9%	1.1%	0		-100%	0.0%
21   Leverage without Knock-Out	181	-11.4%	29%	0.9%	67		74%	1.8%
13   Participation	102	-2.3%	-5.7%	0.5%	0	-100%	-100%	0.0%
12   Yield Enhancement	85	-14.4%	10.6%	0.4%	8		-2.0%	0.2%
<b>Total</b>	<b>19,814</b>	<b>-1.8%</b>	<b>8.0%</b>	<b>100%</b>	<b>3,719</b>	<b>65.8%</b>	<b>13.1%</b>	<b>100%</b>

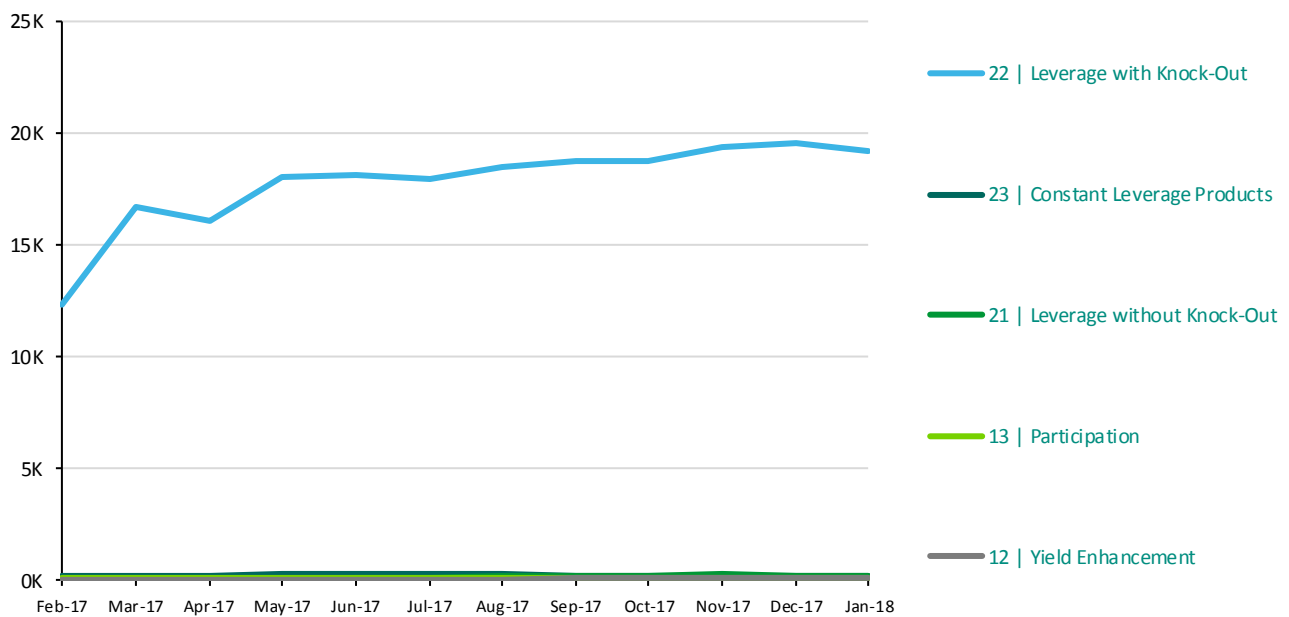
(Source Euronext)



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

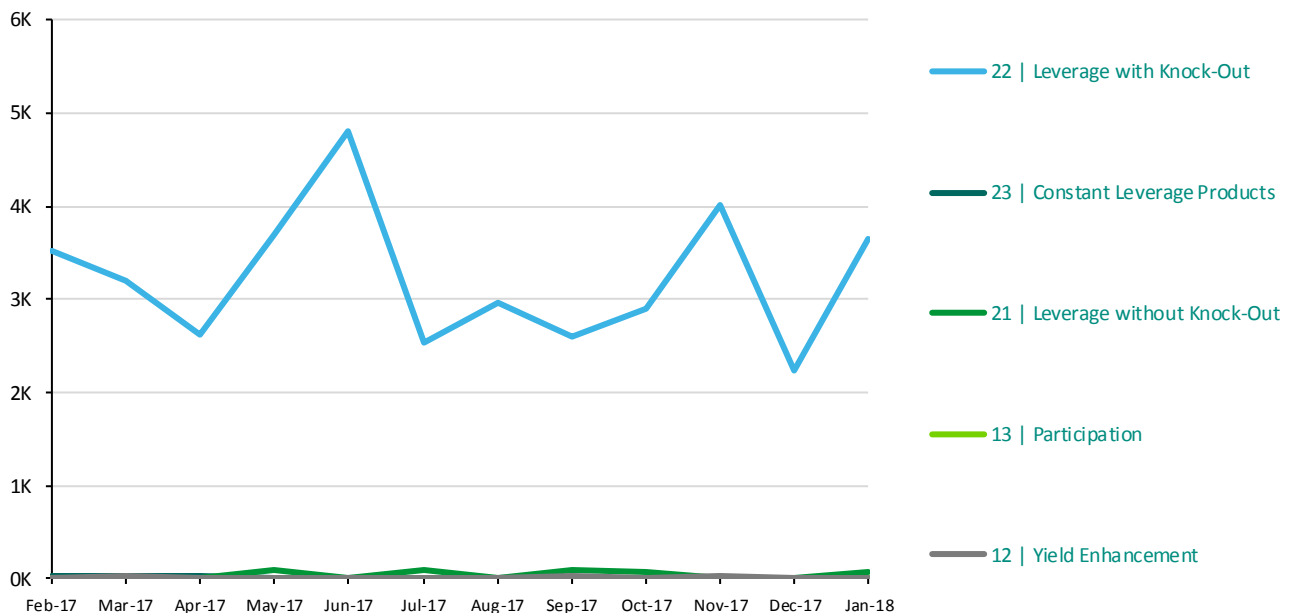
## Product Trend: Number of Live Products

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)

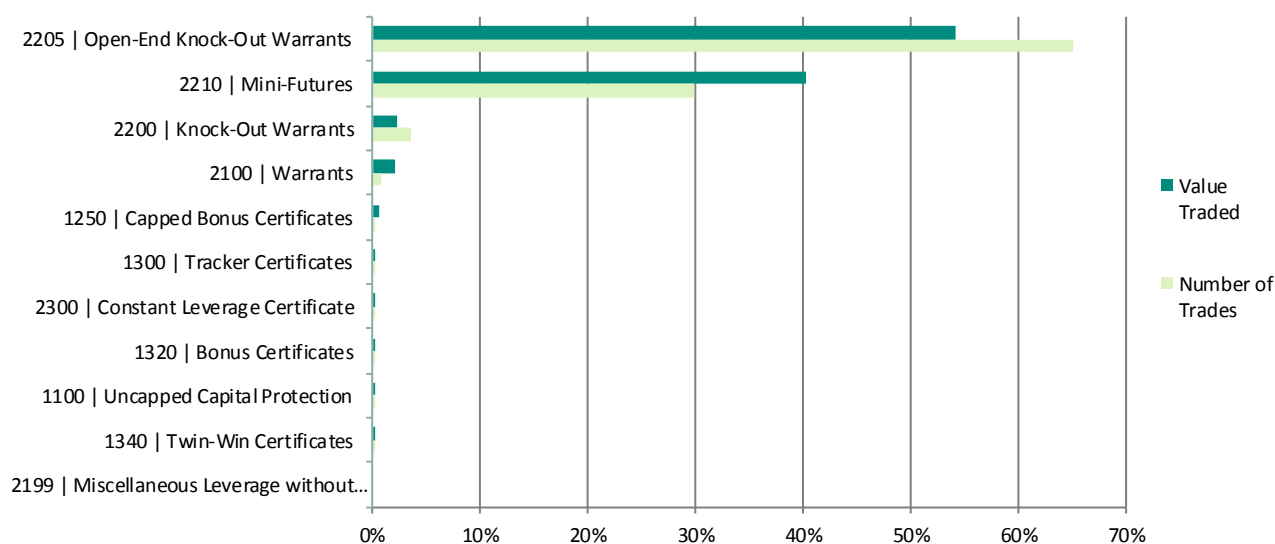
## Market Overview

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	13,996	54%	39%	54.2%	5,032	34%	25%	65.1%
2210   Mini-Futures	10,420	-9.4%	15.7%	40.4%	2,311	36%	34%	29.9%
2200   Knock-Out Warrants	602	29%	15.3%	2.3%	285	27%	20.0%	3.7%
2100   Warrants	542	36%	-56%	2.1%	58	19.8%	-46%	0.8%
1250   Capped Bonus Certificates	159	102%	0.2%	0.6%	13	1.0%	9.2%	0.2%
1300   Tracker Certificates	45	-11.8%	-29%	0.2%	5.2	-24%	-28%	0.1%
2300   Constant Leverage Certificate	20	-33%	18.6%	0.1%	16	-21%	6.1%	0.2%
1320   Bonus Certificates	13	16.0%	38%	0.1%	5.7	-14.8%	24%	0.1%
1100   Uncapped Capital Protection	5	-48%	274%	0.0%	1.6	-52%	305%	0.0%
1340   Twin-Win Certificates	3	180%	357%	0.0%	0.2	10.1%	94%	0.0%
2199   Miscellaneous Leverage without Knock-Out	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>25,803</b>	<b>19.3%</b>	<b>22.4%</b>	<b>100%</b>	<b>7,728</b>	<b>33.5%</b>	<b>26.3%</b>	<b>100%</b>

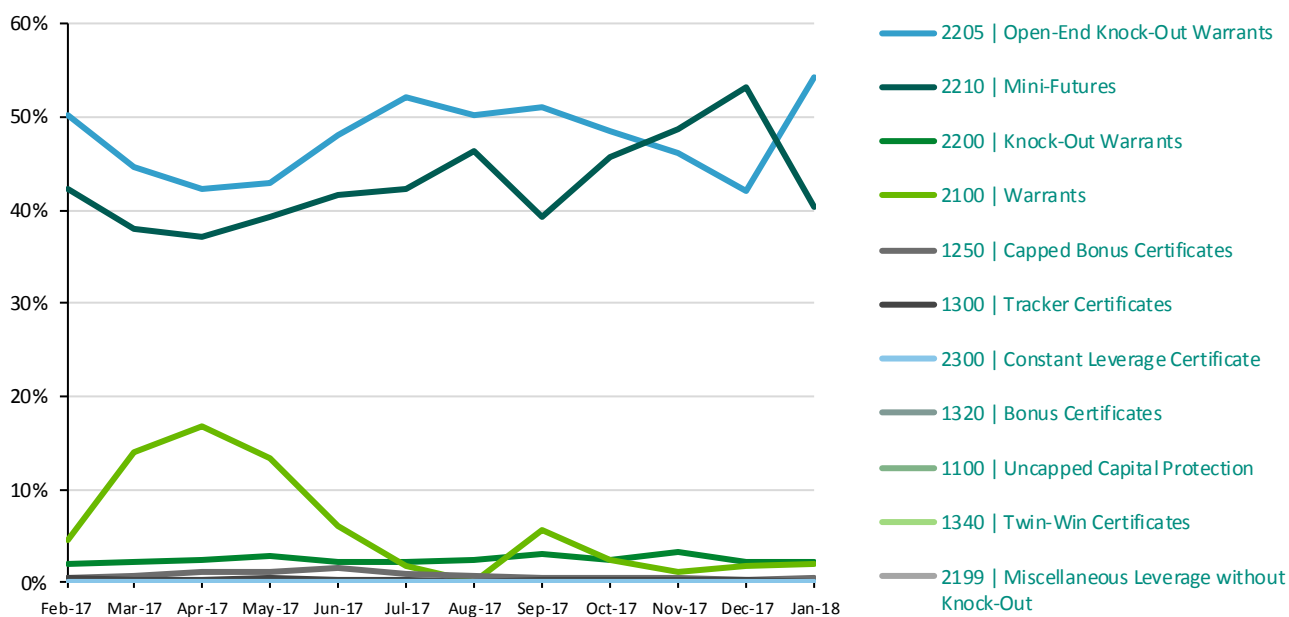
(Source Euronext)



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

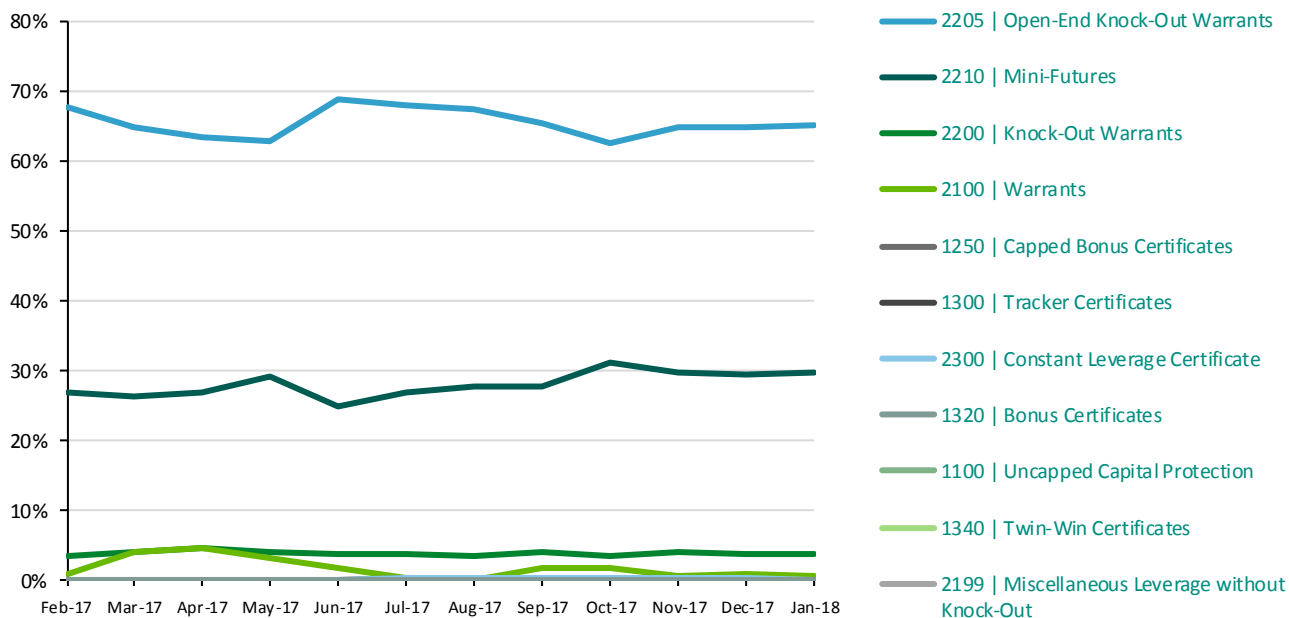
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

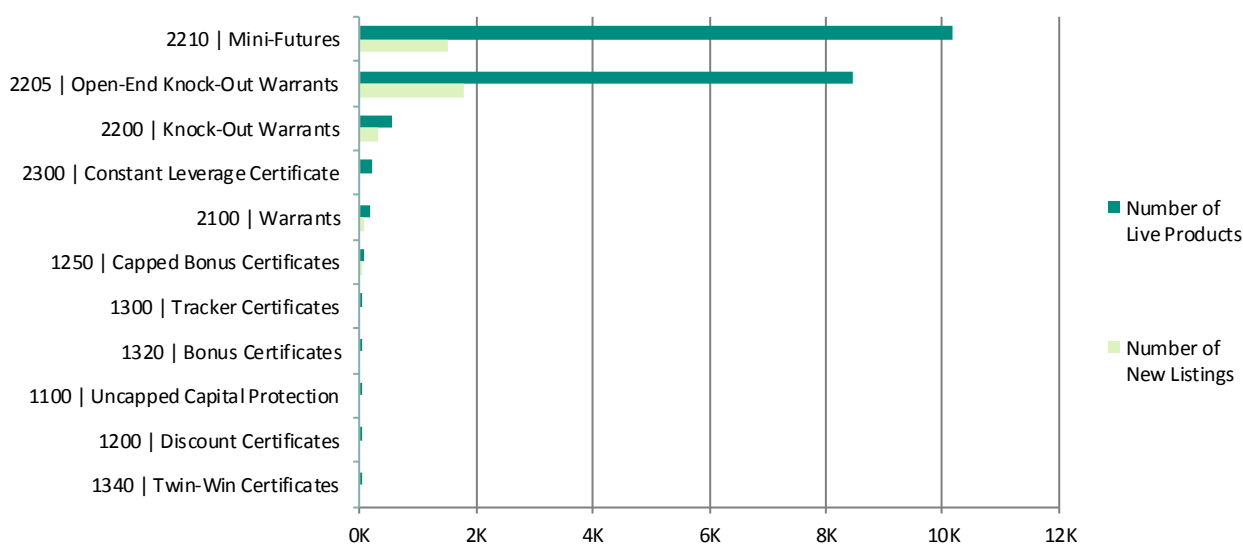
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2210   Mini-Futures	10,180	-1.5%	8.6%	51.4%	1,517	49%	6.1%	40.8%
2205   Open-End Knock-Out Warrants	8,463	-0.8%	6.8%	42.7%	1,792	64%	15.8%	48.2%
2200   Knock-Out Warrants	574	-15.3%	16.2%	2.9%	335	162%	33%	9.0%
2300   Constant Leverage Certificate	223	0.0%	-5.9%	1.1%	0		-100%	0.0%
2100   Warrants	180	-11.5%	30%	0.9%	67		74%	1.8%
1250   Capped Bonus Certificates	79	-15.3%	10.3%	0.4%	8		4.3%	0.2%
1300   Tracker Certificates	62	-1.5%	-22%	0.3%	0			0.0%
1320   Bonus Certificates	36	-3.9%	43%	0.2%	0	-100%	-100%	0.0%
1100   Uncapped Capital Protection	7	0.0%	254%	0.0%	0		-100%	0.0%
1200   Discount Certificates	6	0.0%	14.7%	0.0%	0		-100%	0.0%
1340   Twin-Win Certificates	4	0.0%	10.6%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>19,814</b>	<b>-1.8%</b>	<b>8.0%</b>	<b>100%</b>	<b>3,719</b>	<b>65.8%</b>	<b>13.1%</b>	<b>100%</b>

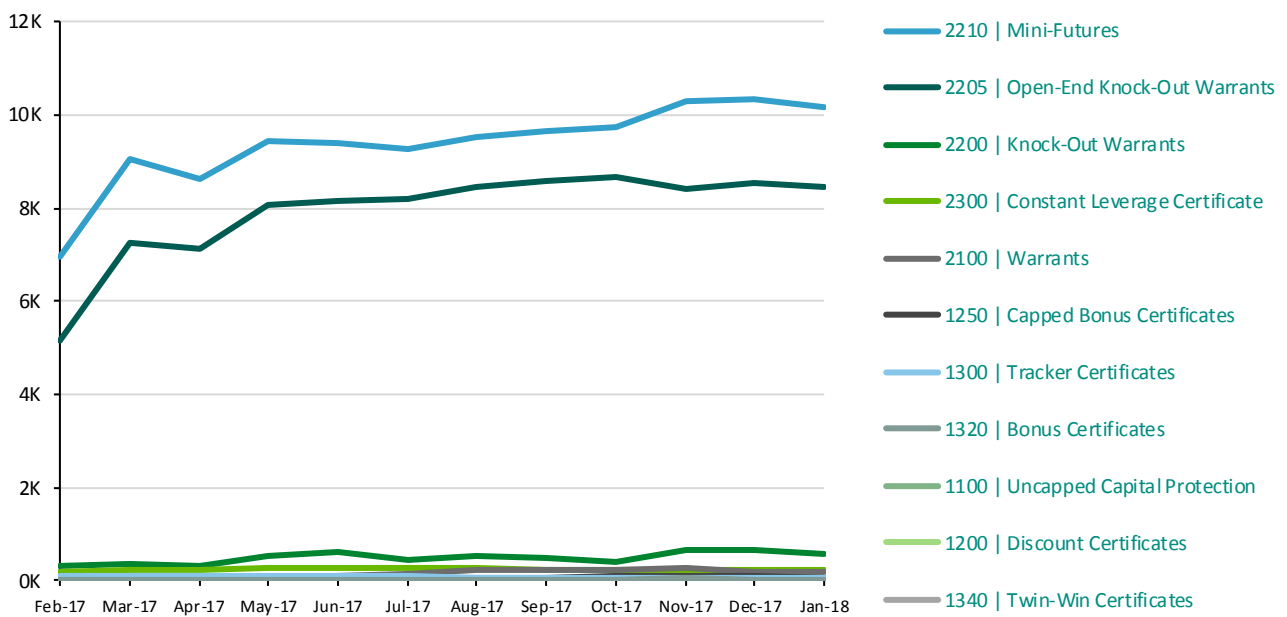
(Source Euronext)



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

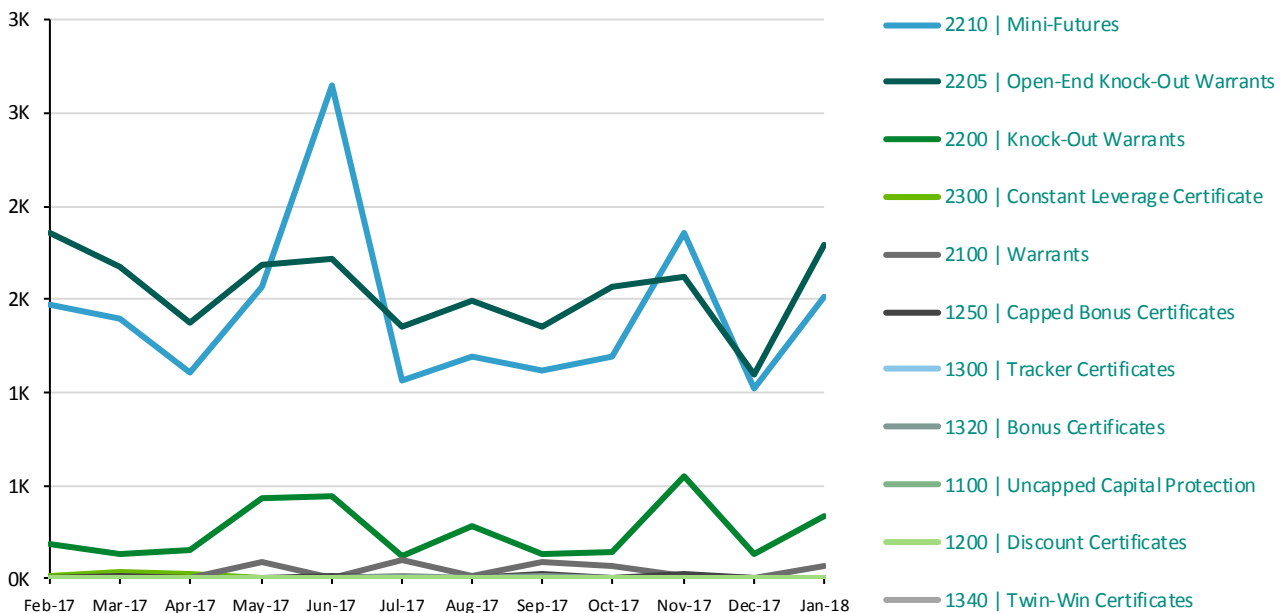
## Product Trend: Number of Live Products

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

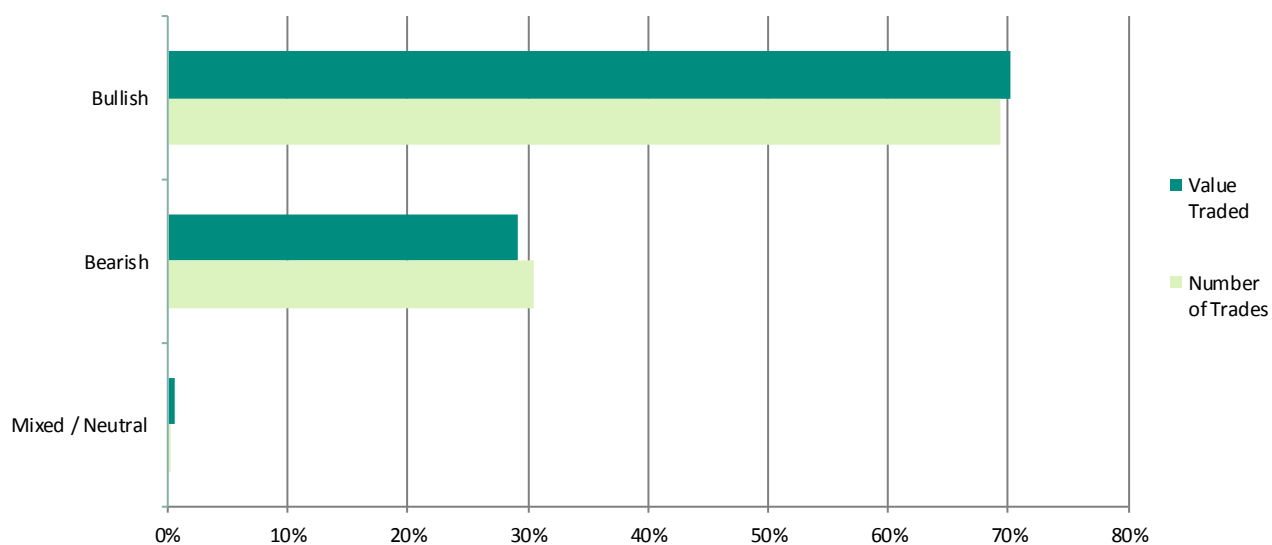
## Market Overview

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	18,103	5.4%	22%	70.2%	5,357	27%	33%	69.3%
Bearish	7,541	73%	24%	29.2%	2,358	51%	13.3%	30.5%
Mixed / Neutral	159	102%	-0.5%	0.6%	13	1.0%	0.1%	0.2%
Total	25,803	19.3%	22.4%	100%	7,728	33.5%	26.3%	100%

(Source Euronext)

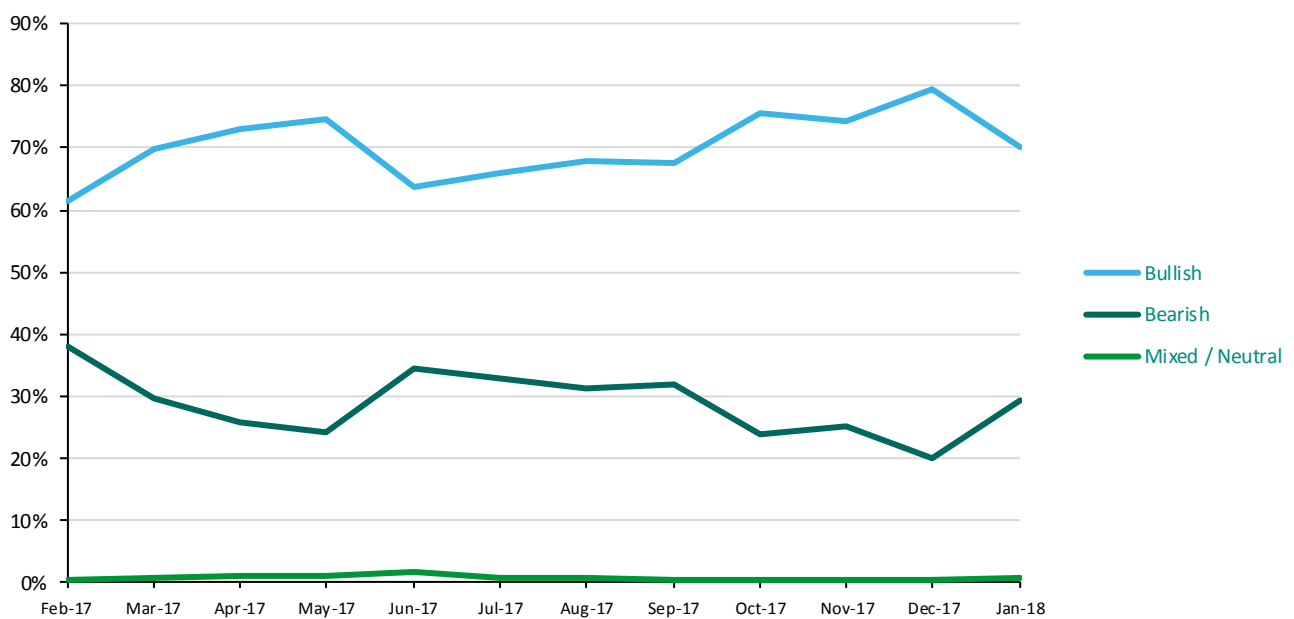




# PRODUCT STRATEGIES

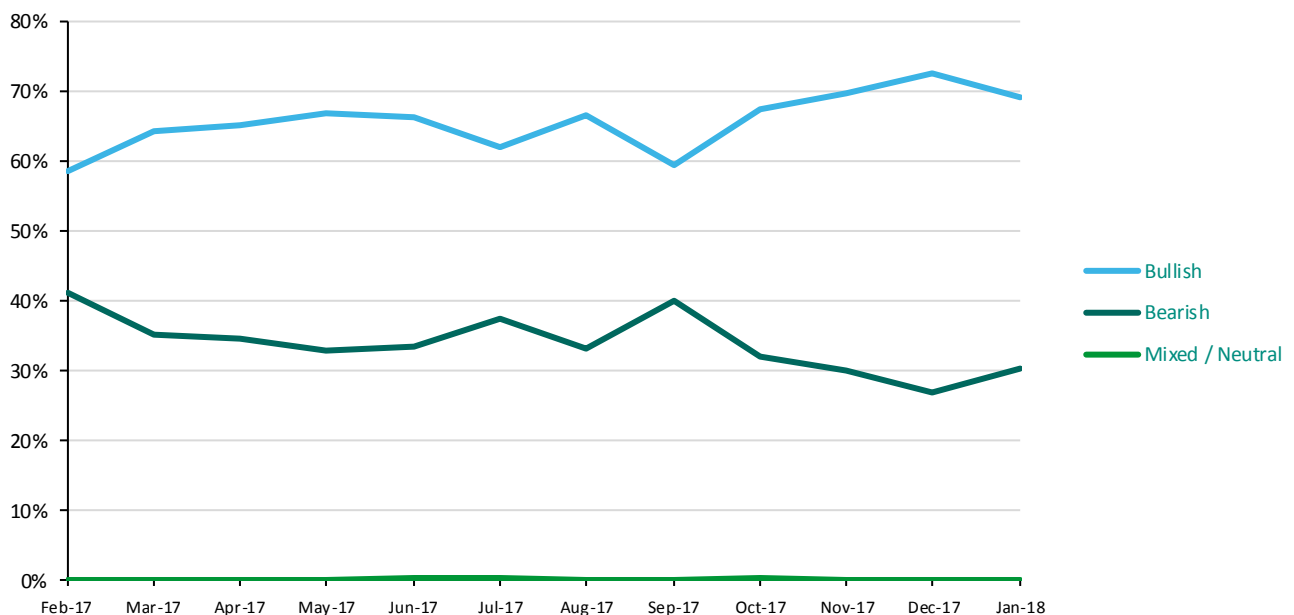
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

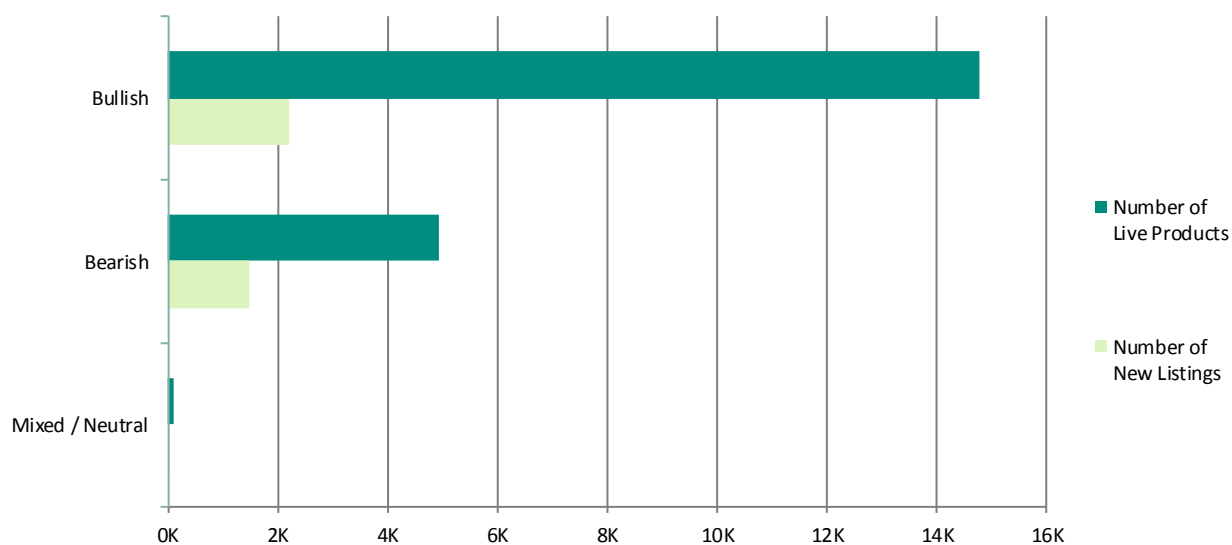
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	14,797	1.8%	13.0%	74.7%	2,220	73%	27%	59.7%
Bearish	4,928	-11.2%	-4.6%	24.9%	1,491	56%	-2.2%	40.1%
Mixed / Neutral	89	-13.8%	-6.8%	0.4%	8		-2.0%	0.2%
<b>Total</b>	<b>19,814</b>	<b>-1.8%</b>	<b>8.0%</b>	<b>100%</b>	<b>3,719</b>	<b>65.8%</b>	<b>13.1%</b>	<b>100%</b>

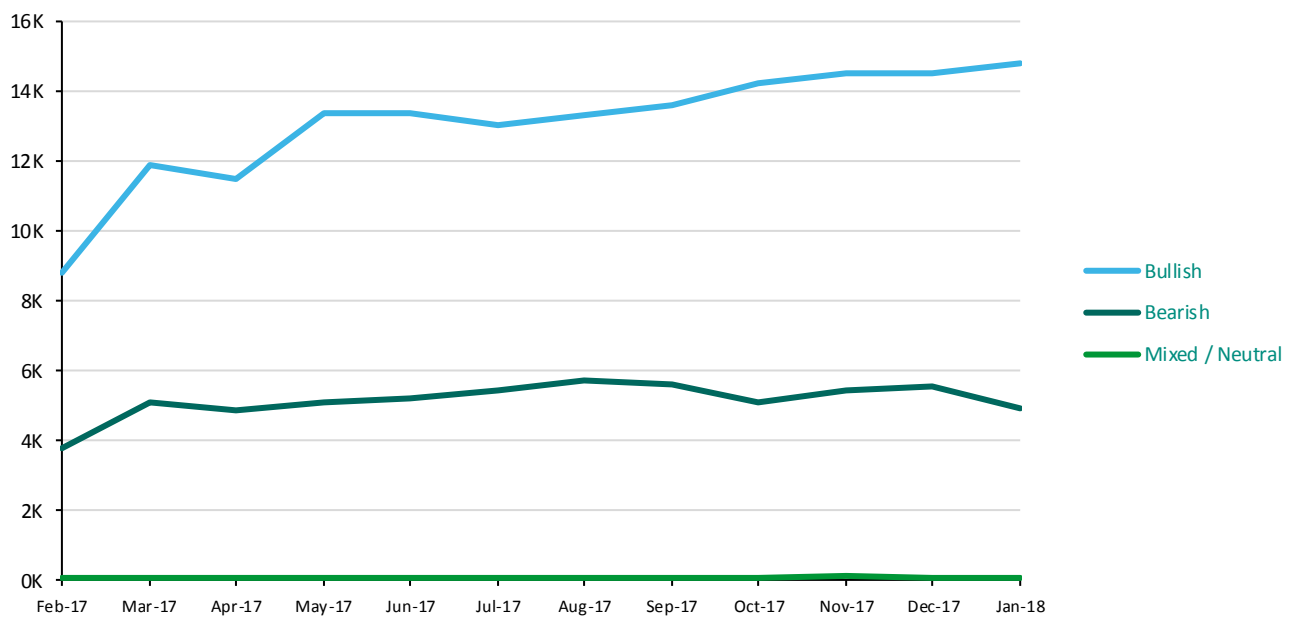
(Source Euronext)



# PRODUCT STRATEGIES

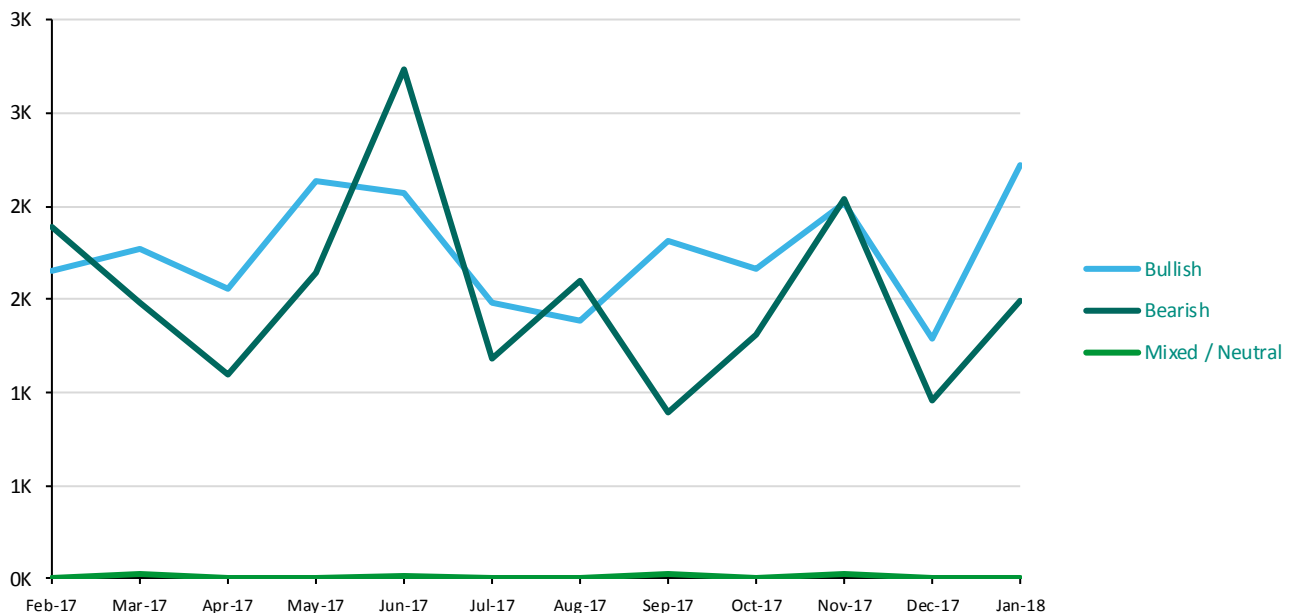
## Product Trend: Number of Live Products

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

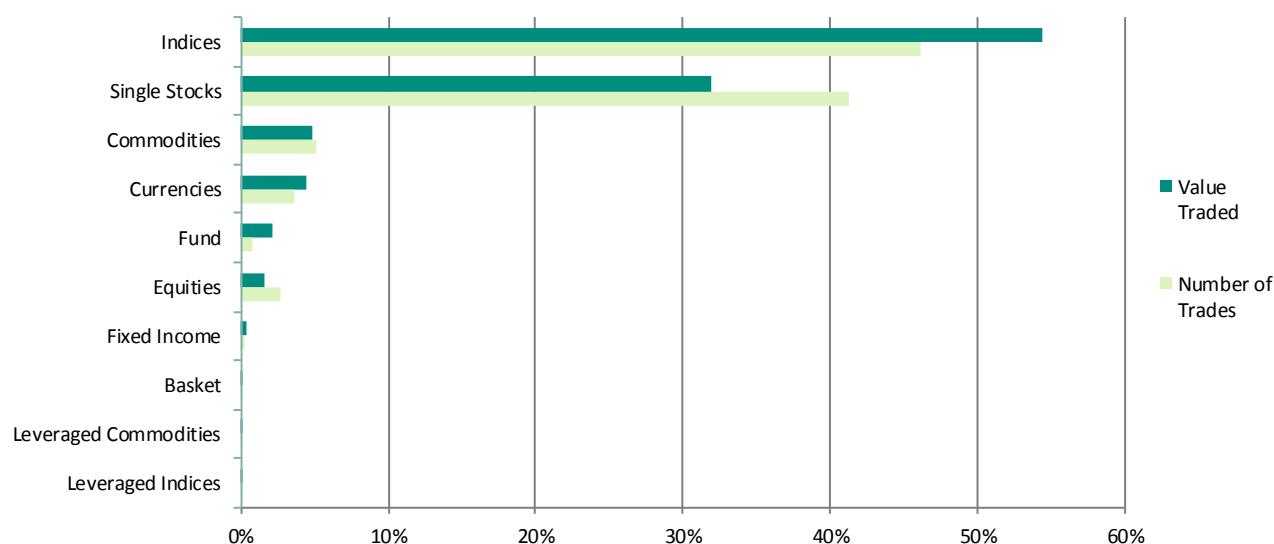
### Market Overview

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	14,037	27%	31%	54.4%	3,572	20%	17.4%	46.2%
Single Stocks	8,257	1.3%	33%	32.0%	3,186	62%	53%	41.2%
Commodities	1,266	3.4%	-35%	4.9%	390	-3.5%	-28%	5.0%
Currencies	1,150	157%	56%	4.5%	282	37%	30%	3.7%
Fund	539	36%	-56%	2.1%	57	19.3%	-47%	0.7%
Equities	415	61%	193%	1.6%	207	32%	154%	2.7%
Fixed Income	101	42%	15.7%	0.4%	21	-10.4%	-23%	0.3%
Basket	26	87%	-18.7%	0.1%	2.6	52%	3.1%	0.0%
Leveraged Commodities	7	53%	92%	0.0%	4.4	-7.3%	24%	0.1%
Leveraged Indices	5	-32%	-4.5%	0.0%	5.8	-29%	-1.4%	0.1%
<b>Total</b>	<b>25,803</b>	<b>19.3%</b>	<b>22.4%</b>	<b>100%</b>	<b>7,728</b>	<b>33.5%</b>	<b>26.3%</b>	<b>100%</b>

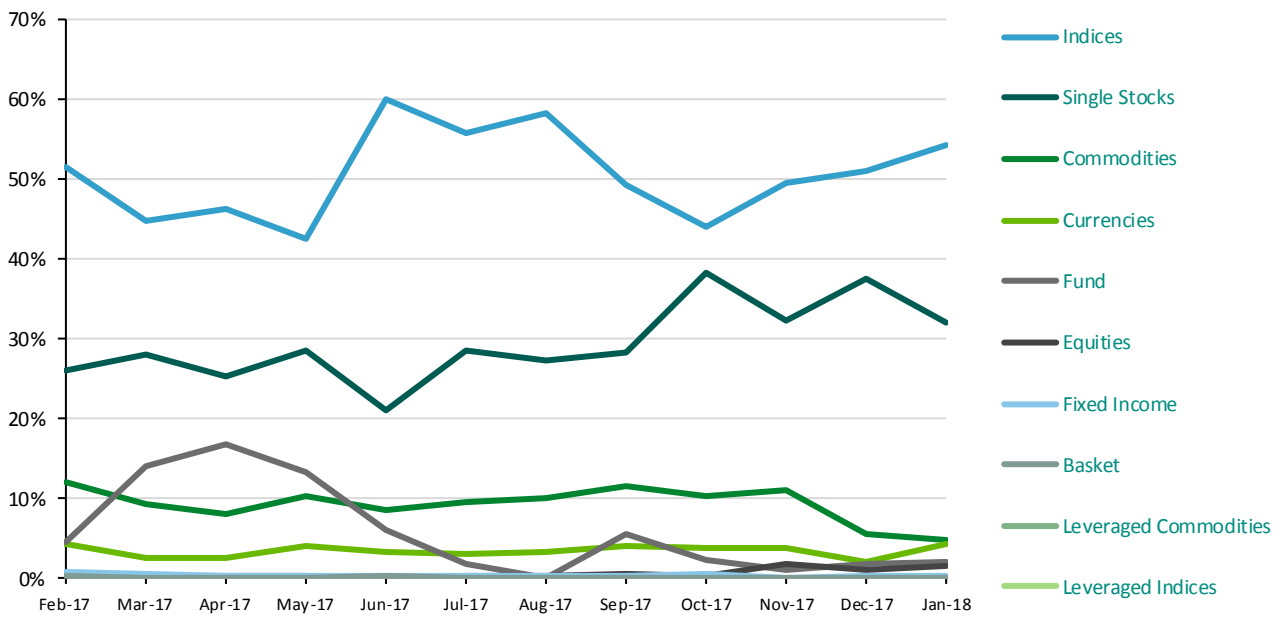
(Source Euronext)



# UNDERLYING TYPES

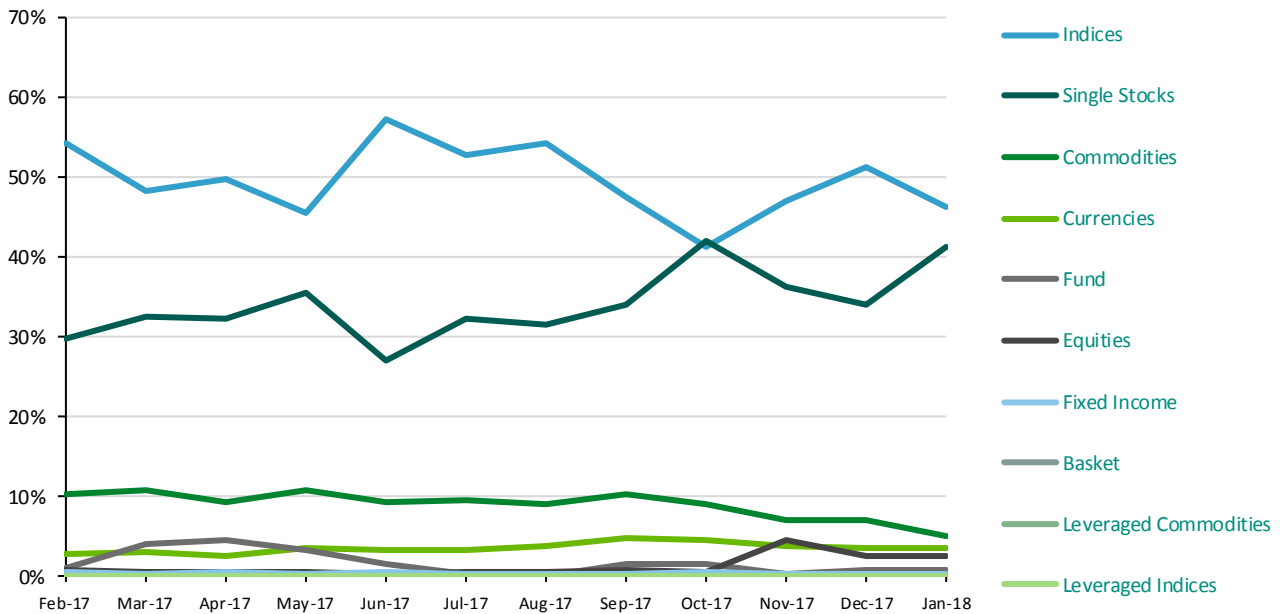
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# UNDERLYING TYPES

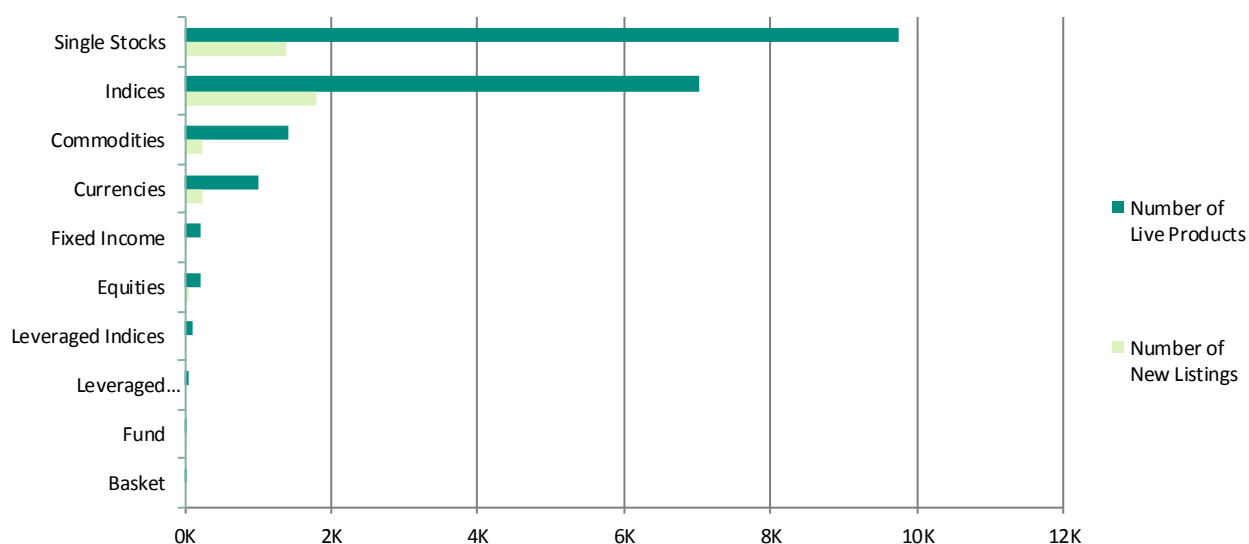
## Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	9,753	-1.7%	7.9%	49.2%	1,397	40%	-1.1%	37.6%
Indices	7,021	-1.7%	10.7%	35.4%	1,801	97%	47%	48.4%
Commodities	1,406	0.7%	9.1%	7.1%	231	25%	-4.9%	6.2%
Currencies	1,009	-8.1%	-10.0%	5.1%	231	200%	-29%	6.2%
Fixed Income	224	-4.0%	13.6%	1.1%	4	0.0%	-86%	0.1%
Equities	210	3.9%	18.6%	1.1%	52	-22%	-1.0%	1.4%
Leveraged Indices	95	0.0%	-13.1%	0.5%	0		-100%	0.0%
Leveraged Commodities	51	0.0%	12.1%	0.3%	0		-100%	0.0%
Fund	30	3.4%	61%	0.2%	3		16.1%	0.1%
Basket	15	-1.8%	-3.4%	0.1%	0			0.0%
<b>Total</b>	<b>19,814</b>	<b>-1.8%</b>	<b>8.0%</b>	<b>100%</b>	<b>3,719</b>	<b>65.8%</b>	<b>13.1%</b>	<b>100%</b>

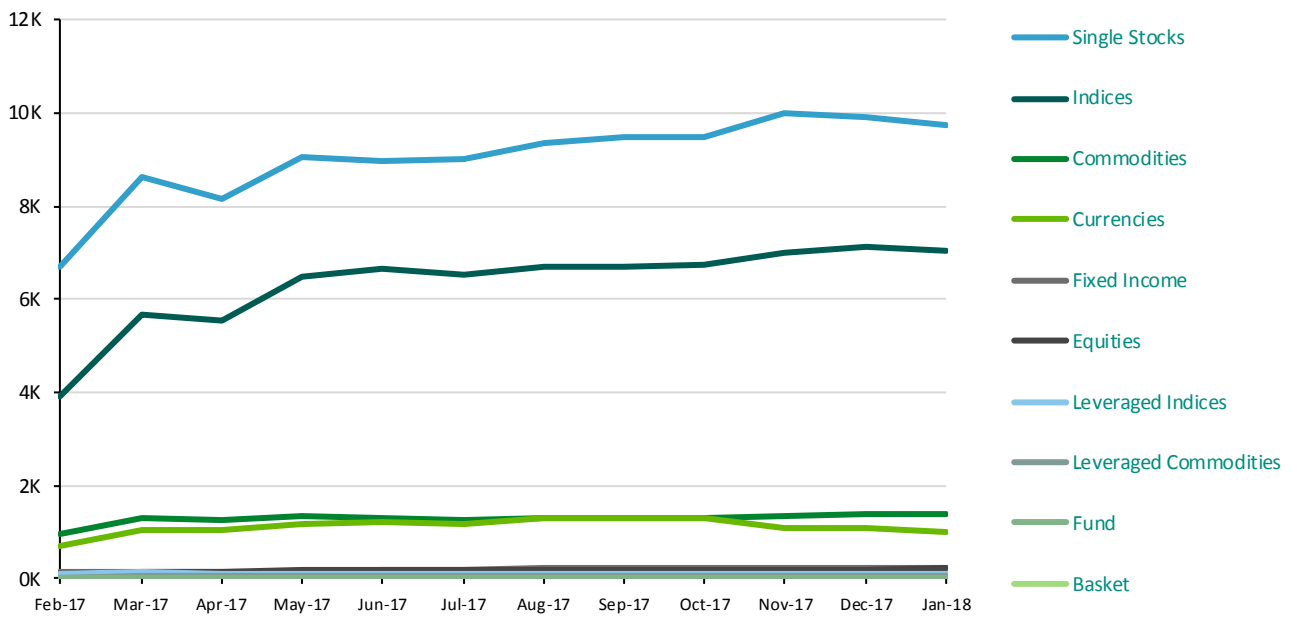
(Source Euronext)



# UNDERLYING TYPES

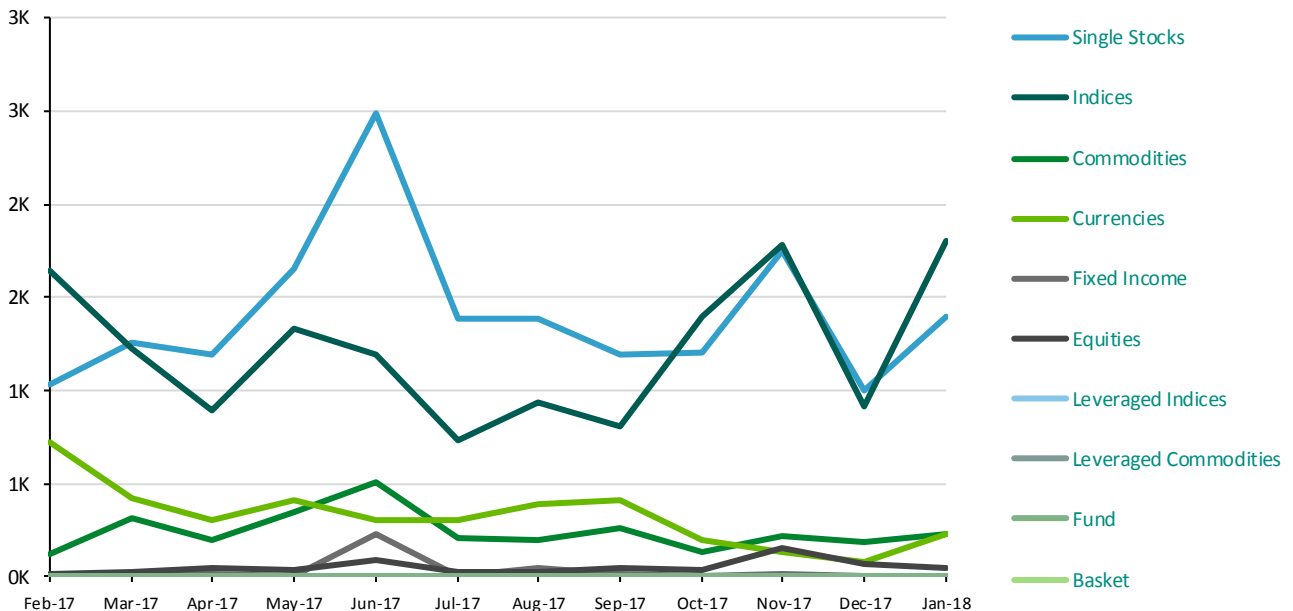
## Product Trend: Number of Live Products

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

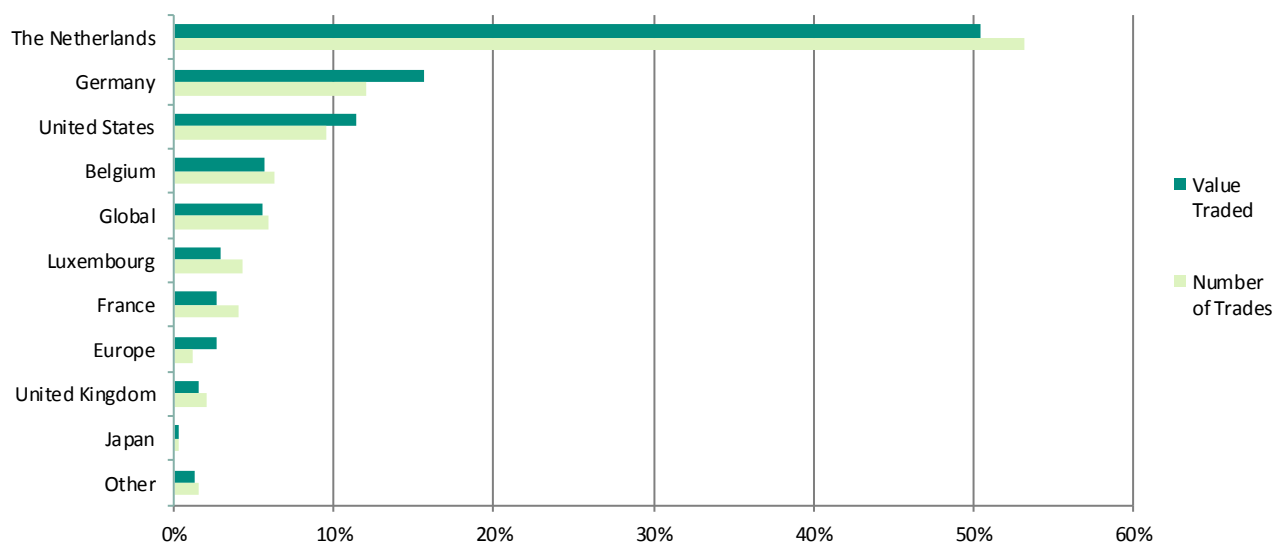
## Market Overview

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	13,028	-9.9%	13.6%	50.5%	4,117	24%	23%	53.3%
Germany	4,038	136%	113%	15.7%	923	41%	41%	11.9%
United States	2,946	94%	72%	11.4%	739	51%	37%	9.6%
Belgium	1,447	134%	127%	5.6%	488	74%	85%	6.3%
Global	1,435	10.6%	-31%	5.6%	452	2.7%	-25%	5.9%
Luxembourg	754	54%	32%	2.9%	329	53%	50%	4.3%
France	693	27%	39%	2.7%	308	106%	77%	4.0%
Europe	672	49%	-52%	2.6%	83	30%	-36%	1.1%
United Kingdom	380	48%	-9.2%	1.5%	156	100%	86%	2.0%
Japan	74	27%		0.3%	17	46%		0.2%
Other	336	46%	-13.0%	1.3%	115	43%	21%	1.5%
<b>Total</b>	<b>25,803</b>	<b>19.3%</b>	<b>22.4%</b>	<b>100%</b>	<b>7,728</b>	<b>33.5%</b>	<b>26.3%</b>	<b>100%</b>

(Source Euronext)

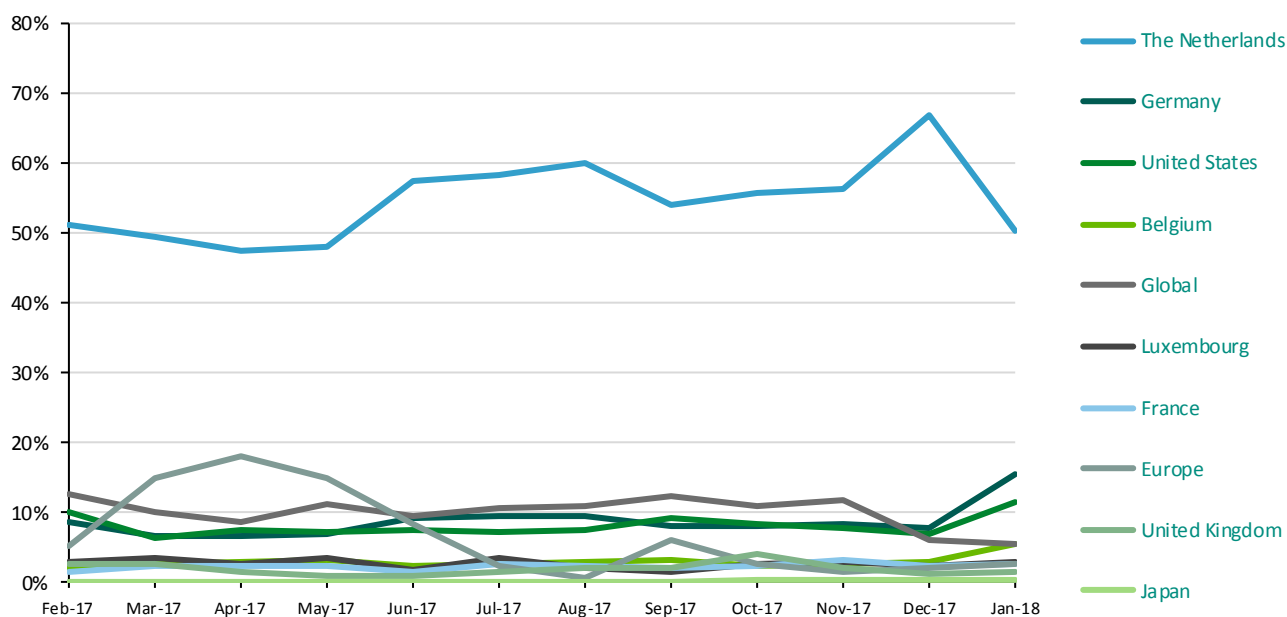




# TOP 10 UNDERLYING COUNTRIES

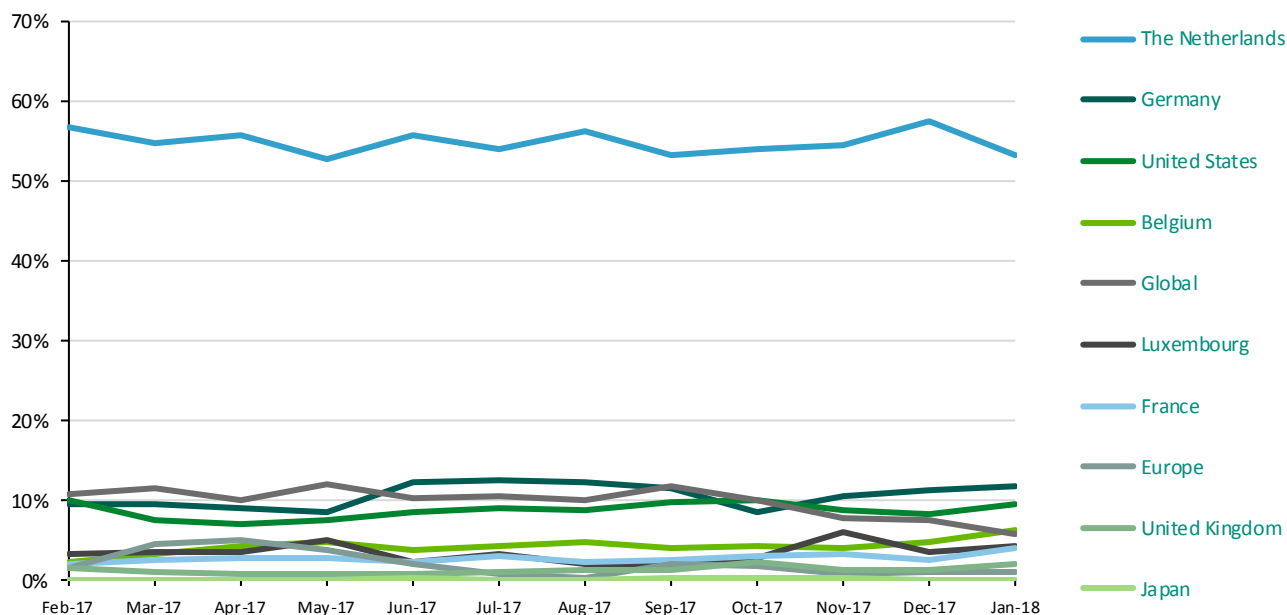
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

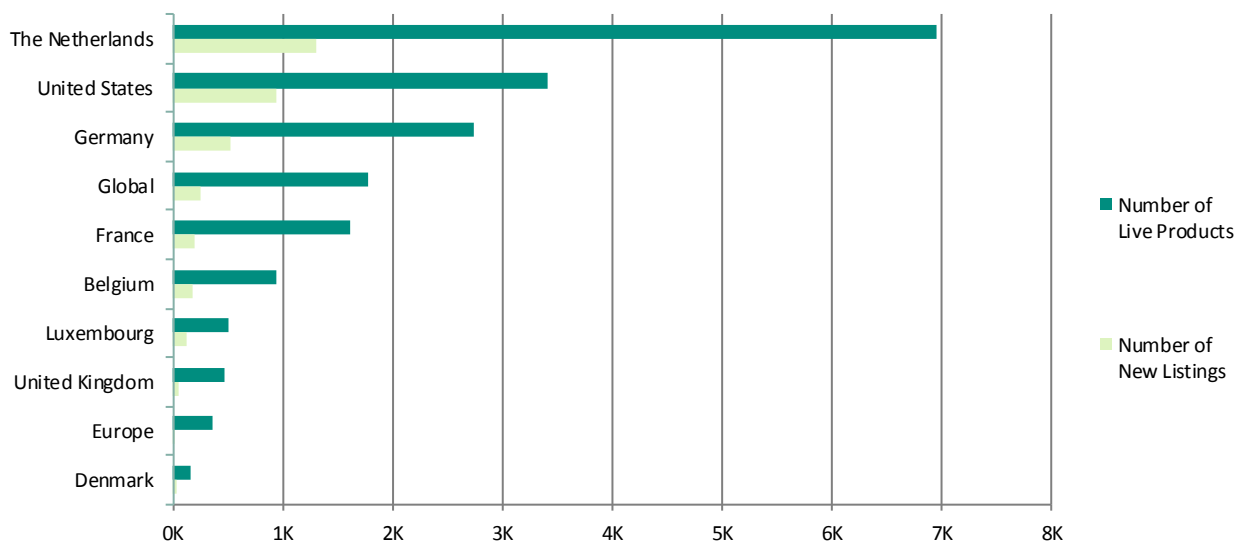
## Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
The Netherlands	6,959	-2.3%	11.8%	35.1%	1,297	85%	18.5%	34.9%
United States	3,406	-1.3%	5.1%	17.2%	936	73%	51%	25.2%
Germany	2,740	-2.8%	10.4%	13.8%	530	55%	6.1%	14.3%
Global	1,778	0.0%	1.6%	9.0%	246	30%	-32%	6.6%
France	1,614	-2.6%	2.2%	8.1%	202	46%	-26%	5.4%
Belgium	933	1.2%	9.7%	4.7%	176	141%	49%	4.7%
Luxembourg	513	1.3%	12.0%	2.6%	128	33%	7.0%	3.4%
United Kingdom	467	-4.4%	1.1%	2.4%	55	-8.3%	-0.5%	1.5%
Europe	354	-3.5%	4.4%	1.8%	22	144%	-15.1%	0.6%
Denmark	155	1.6%	30%	0.8%	35	-14.6%	3.2%	0.9%
Other	896	-2.8%	5.5%	4.5%	92	74%	9.4%	2.5%
<b>Total</b>	<b>19,814</b>	<b>-1.8%</b>	<b>8.0%</b>	<b>100%</b>	<b>3,719</b>	<b>65.8%</b>	<b>13.1%</b>	<b>100%</b>

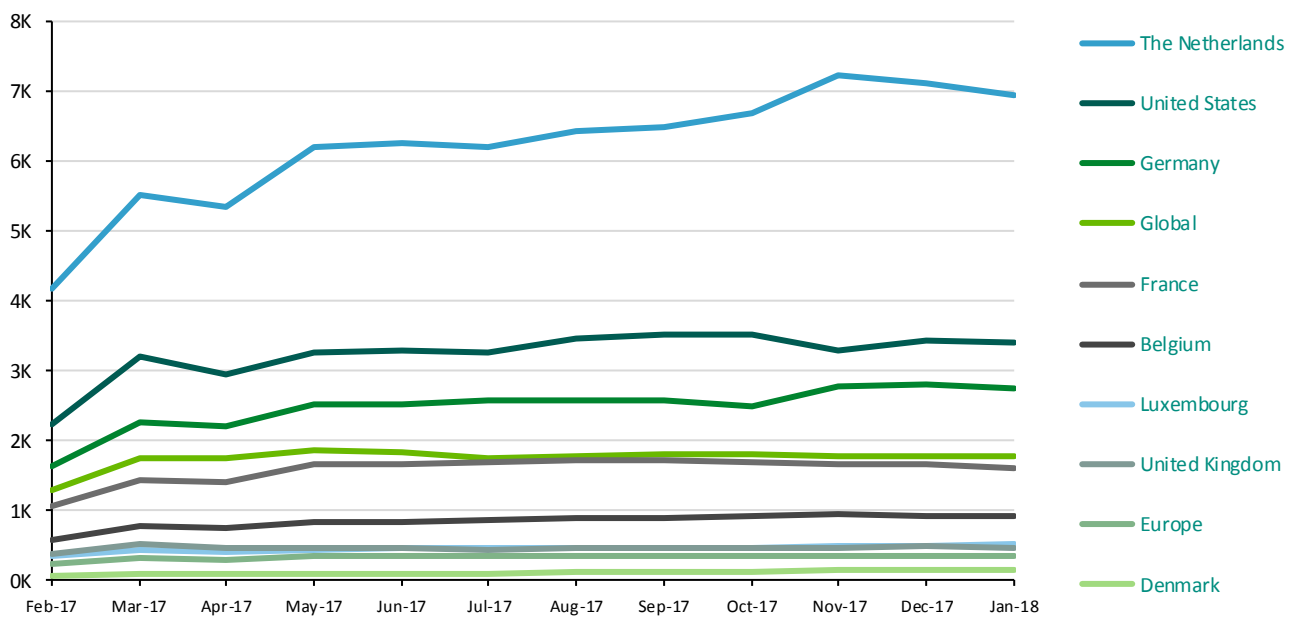
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

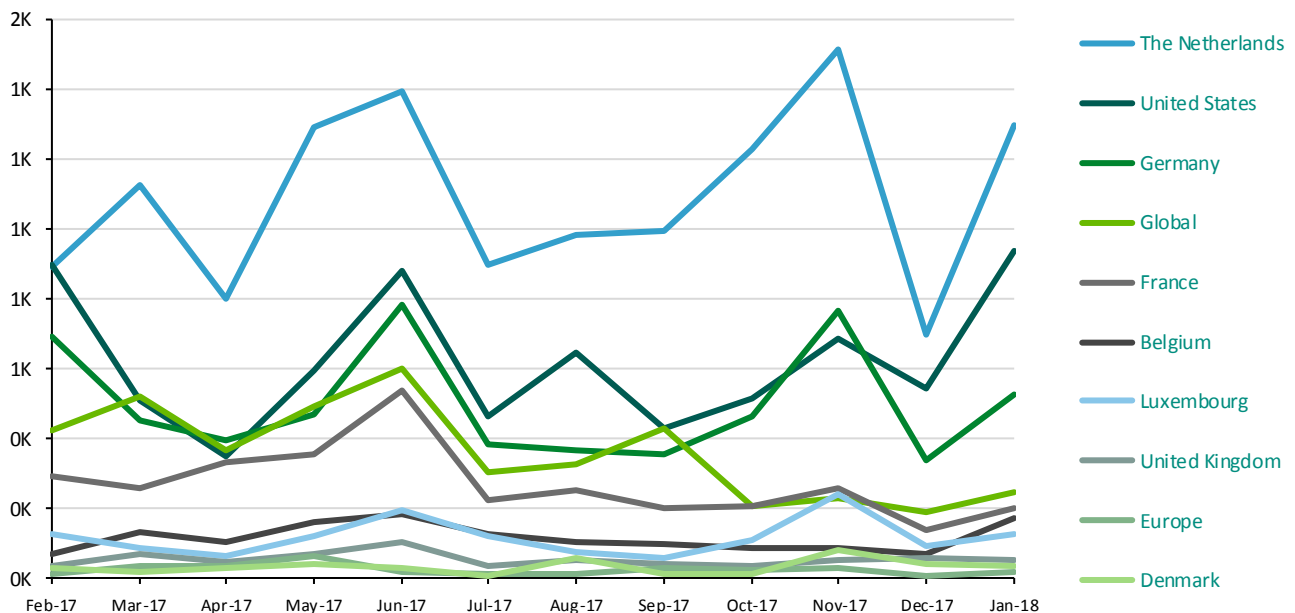
## Product Trend: Number of Live Products

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

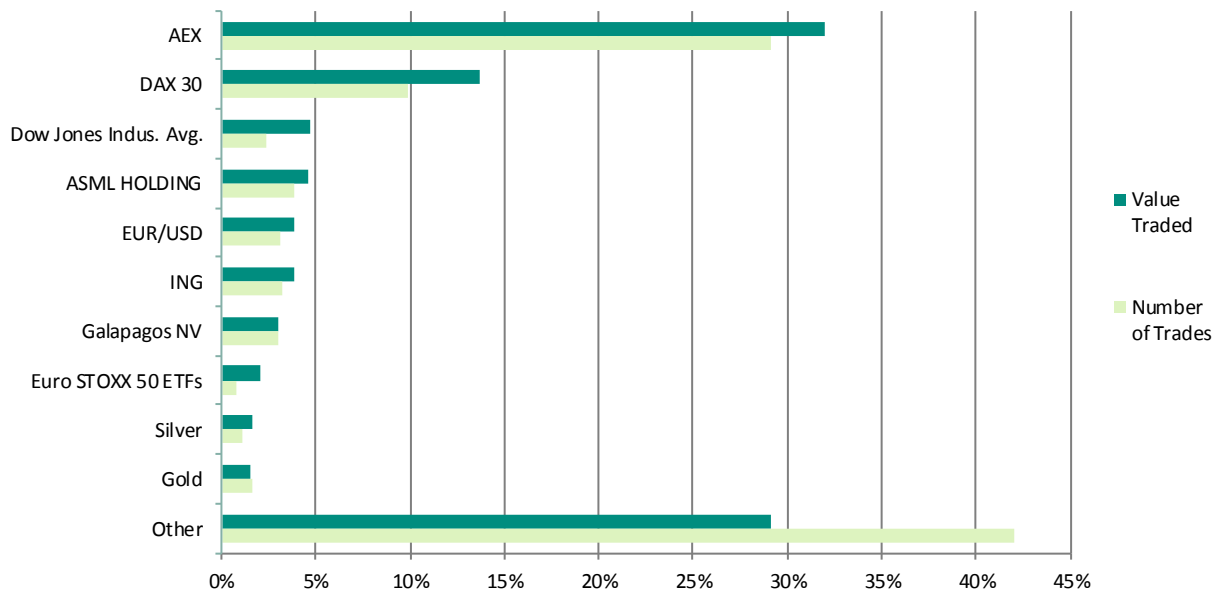
## Market Overview

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	8,265	-0.1%	6.9%	32.0%	2,249	9.4%	6.6%	29.1%
DAX 30	3,533	146%	125%	13.7%	762	36%	46%	9.9%
Dow Jones Indus. Avg.	1,204	109%	149%	4.7%	185	62%	48%	2.4%
ASML HOLDING	1,190	101%	216%	4.6%	300	161%	240%	3.9%
EUR/USD	986	183%	54%	3.8%	244	46%	36%	3.2%
ING	982	68%	79%	3.8%	246	94%	100%	3.2%
Galapagos NV	784	201%	159%	3.0%	233	81%	80%	3.0%
Euro STOXX 50 ETFs	539	36%	-56%	2.1%	57	19.3%	-47%	0.7%
Silver	411	42%	36%	1.6%	82	18.0%	-14.3%	1.1%
Gold	395	-27%	-61%	1.5%	125	-15.3%	-27%	1.6%
Other	7,514	-9.8%	9.2%	29.1%	3,247	44%	32%	42.0%
Total	25,803	19.3%	22.4%	100%	7,728	33.5%	26.3%	100%

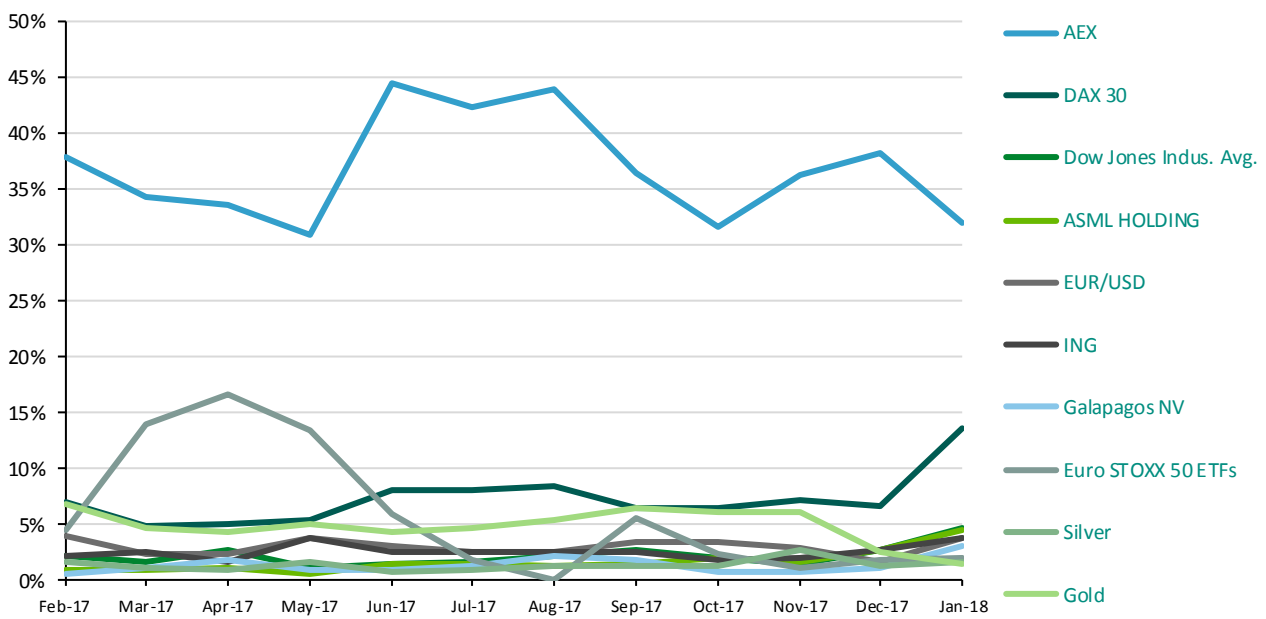
(Source Euronext)



# TOP 10 UNDERLYINGS

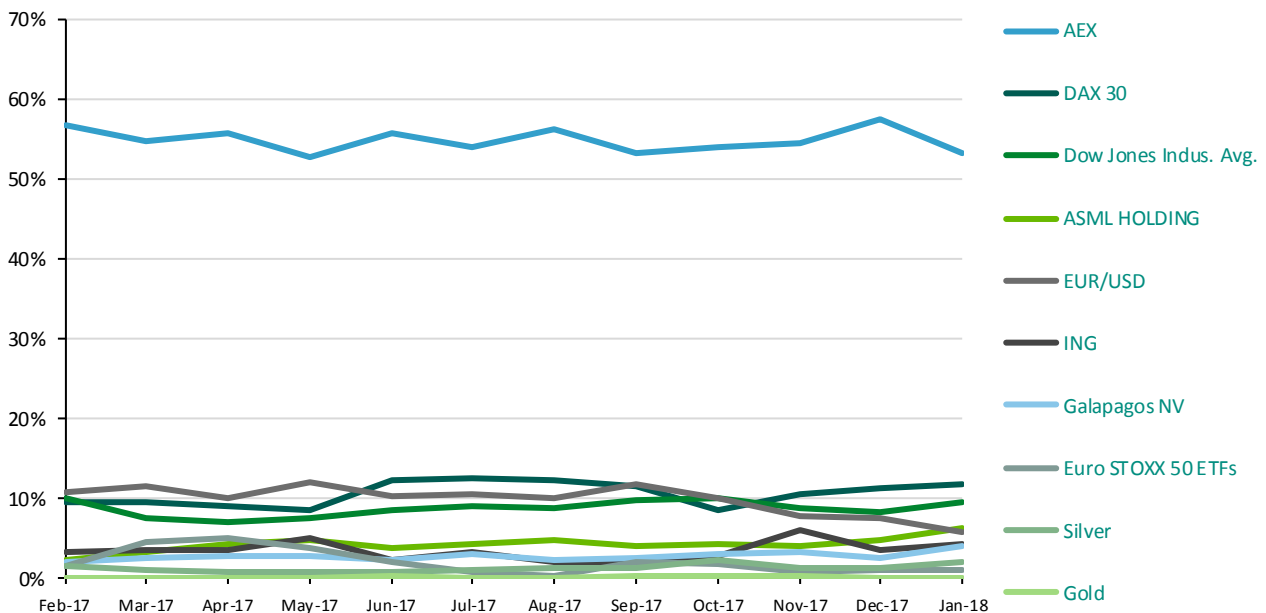
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYINGS

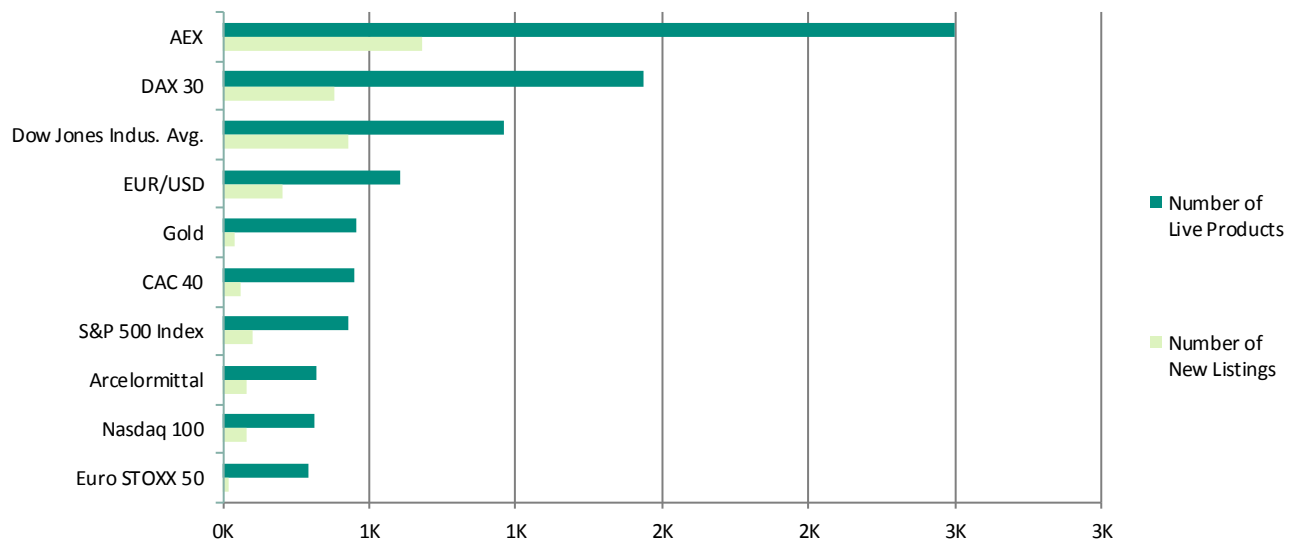
## Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
AEX	2,499	-3.5%	13.3%	12.6%	683	158%	45%	18.4%
DAX 30	1,439	-4.1%	10.3%	7.3%	378	62%	13.3%	10.2%
Dow Jones Indus. Avg.	961	8.4%	12.4%	4.9%	429	46%	127%	11.5%
EUR/USD	602	-8.1%	13.5%	3.0%	205	266%	47%	5.5%
Gold	454	-2.4%	11.7%	2.3%	41	-31%	-34%	1.1%
CAC 40	449	-5.2%	0.3%	2.3%	58	123%	-31%	1.6%
S&P 500 Index	431	1.7%	14.7%	2.2%	101	68%	131%	2.7%
Arcelormittal	321	0.9%	17.7%	1.6%	82	55%	7.9%	2.2%
Nasdaq 100	311	-2.7%	17.0%	1.6%	80	300%	87%	2.2%
Euro STOXX 50	294	-3.8%	0.8%	1.5%	17	467%	-3.8%	0.5%
Other	12,053	-1.6%	5.8%	60.8%	1,645	40%	-10.0%	44.2%
Total	19,814	-1.8%	8.0%	100%	3,719	65.8%	13.1%	100%

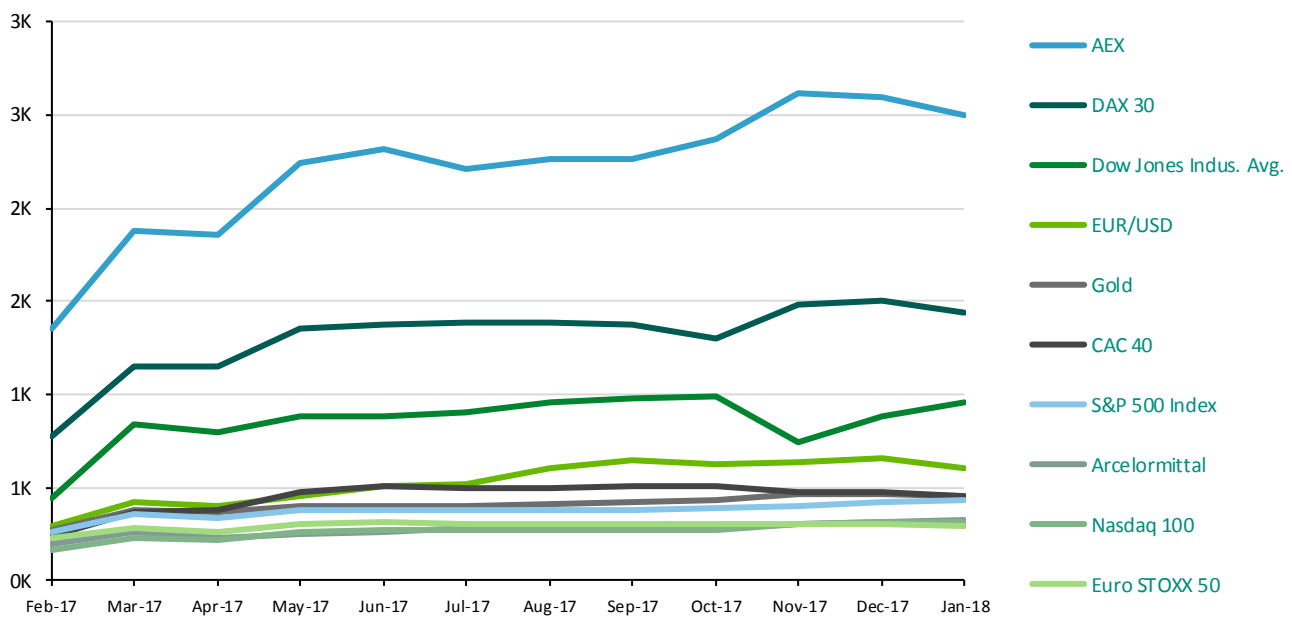
(Source Euronext)



# TOP 10 UNDERLYINGS

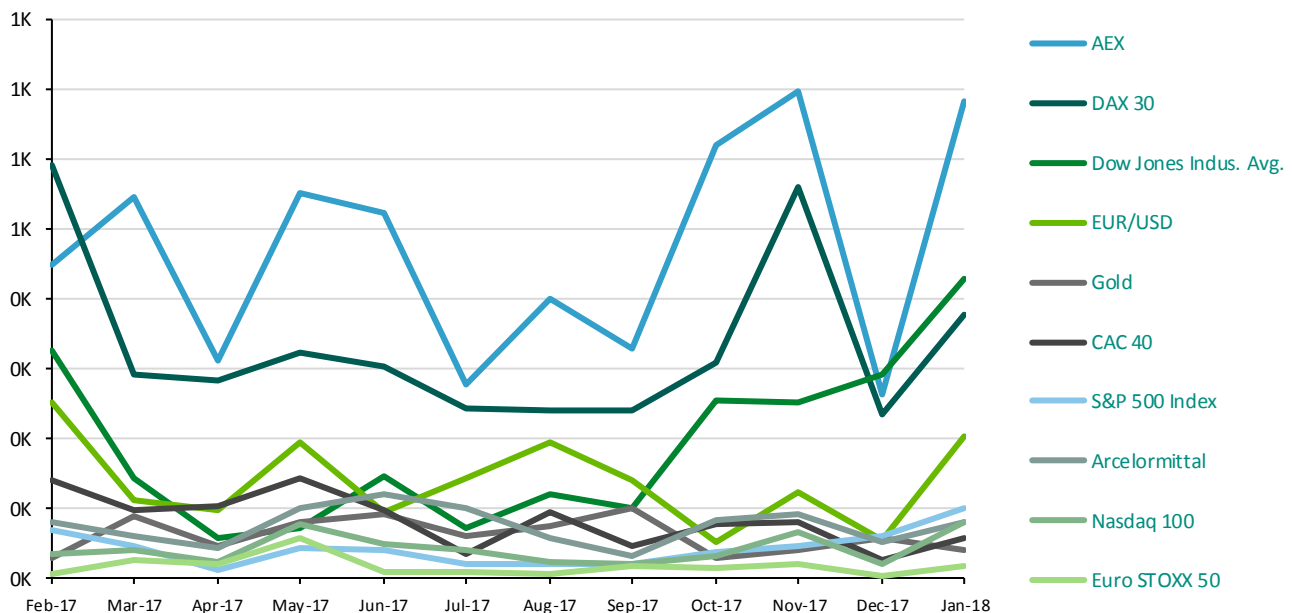
## Product Trend: Number of Live Products

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
NL0012244768	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	52,355	592
NL0012692800	BNP Paribas	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	21,531	636
NL0012700728	BNP Paribas	2210	Mini-Futures	AEX	21,334	658
NL0012703037	ING	2100	Warrants	Euro STOXX 50 ETFs	11,143	1,044
NL0012512420	BNP Paribas	2210	Mini-Futures	EUR/USD	10,315	262
NL0012548234	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	9,982	1,122
NL0012501365	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	9,589	790
NL0012697668	BNP Paribas	2210	Mini-Futures	AEX	8,092	7,714
NL0012697684	BNP Paribas	2210	Mini-Futures	AEX	7,837	466
NL0012699201	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	7,474	1,712
NL0012693527	BNP Paribas	2210	Mini-Futures	AEX	7,406	348
NL0012693295	BNP Paribas	2210	Mini-Futures	AEX	7,387	252
NL0012030522	BNP Paribas	2210	Mini-Futures	ING	7,307	216
NL0011642707	BNP Paribas	2210	Mini-Futures	Silver	7,220	84
NL0012695613	BNP Paribas	2210	Mini-Futures	AEX	6,980	112
NL0012700447	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	6,237	2,124
NL0012462584	ING	2205	Open-End Knock-Out Warrants	DAX 30	5,806	778
NL0012695324	BNP Paribas	2210	Mini-Futures	AEX	5,693	218
NL0012703045	ING	2100	Warrants	Euro STOXX 50 ETFs	5,657	376
NL0012700504	BNP Paribas	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	5,576	484
NL0012498174	BNP Paribas	2210	Mini-Futures	ASML HOLDING	5,550	420
NL0012537096	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	5,448	140
NL0012699789	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5,219	1,306
NL0012436265	Goldman Sachs	2205	Open-End Knock-Out Warrants	EUR/USD	5,195	166
NL0012679419	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5,179	1,436
NL0012694053	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,879	1,242
NL0012262026	BNP Paribas	2210	Mini-Futures	AEX	4,563	446
DE000CV4ZON6	Commerzbank	2205	Open-End Knock-Out Warrants	ING	4,558	1,482
NL0012258669	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,449	588
NL0012507115	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,411	3,198
DE000CR6X1V5	Commerzbank	2205	Open-End Knock-Out Warrants	Klepierre	4,319	460
NL0012698302	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,267	580
LU1574191539	Société Générale	2205	Open-End Knock-Out Warrants	ING	4,206	688
DE000CY52GS1	Citi	2205	Open-End Knock-Out Warrants	AEX	4,155	438
NL0012498810	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	3,991	1,708
DE000CV4ZJX2	Commerzbank	2210	Mini-Futures	Ablynx	3,972	622
NL0012699391	BNP Paribas	2210	Mini-Futures	AEX	3,812	278
NL0012522619	Goldman Sachs	2210	Mini-Futures	AEX	3,691	396
NL0012499115	BNP Paribas	2210	Mini-Futures	AEX	3,415	116
NL0012698237	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,287	460
NL0012700744	BNP Paribas	2210	Mini-Futures	AEX	3,225	320
DE000CE6EYW4	Commerzbank	2205	Open-End Knock-Out Warrants	ASML HOLDING	3,104	1,036
DE000CE6DNC1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	3,008	80
NL0012677462	BNP Paribas	2205	Open-End Knock-Out Warrants	Galapagos NV	2,954	374
NL0012698260	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	2,906	838
DE000CY52HM2	Citi	2205	Open-End Knock-Out Warrants	ASML HOLDING	2,868	812
NL0010921763	BNP Paribas	2210	Mini-Futures	Ahold	2,843	100
NL0012678973	BNP Paribas	2210	Mini-Futures	AEX	2,821	72
NL0012511125	BNP Paribas	2210	Mini-Futures	Altice	2,799	726
DE000CY51HW3	Citi	2205	Open-End Knock-Out Warrants	AEX	2,745	260

(Source Euronext)





Euronext Brussels

# ISSUERS

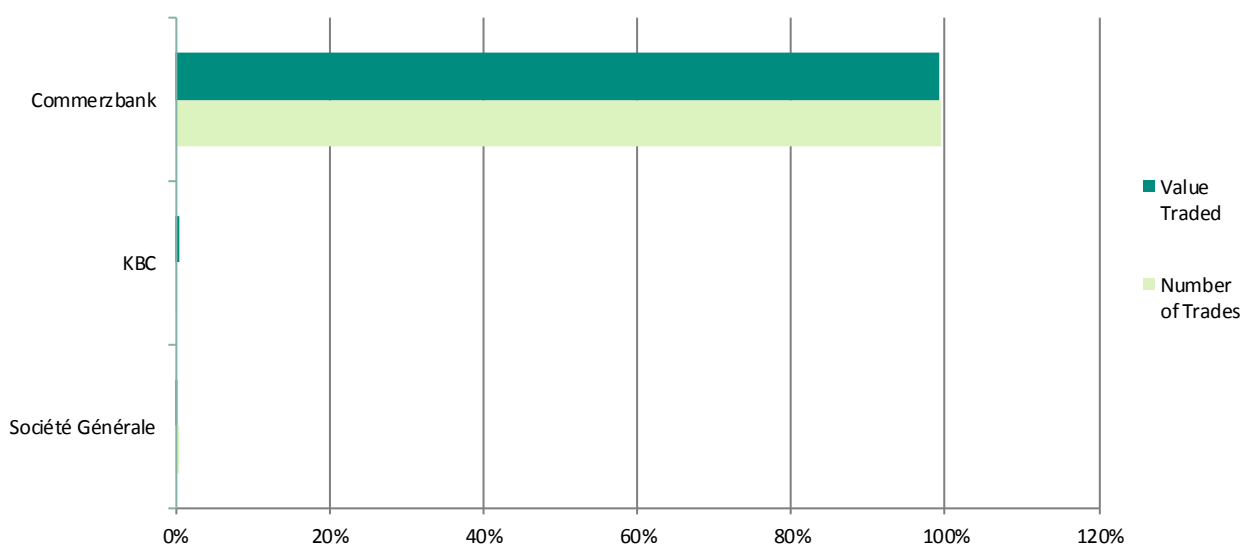
## Market Overview

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	653	99%	90%	99.3%	267	56.0%	76.6%	99.4%
KBC	2	484%	875%	0.3%	0.7	251.1%	801.0%	0.3%
Société Générale	2	703%	-68%	0.3%	0.9	NA	0.7%	0.3%
Total	658	100.2%	87.5%	100%	269	56.7%	76.6%	100%

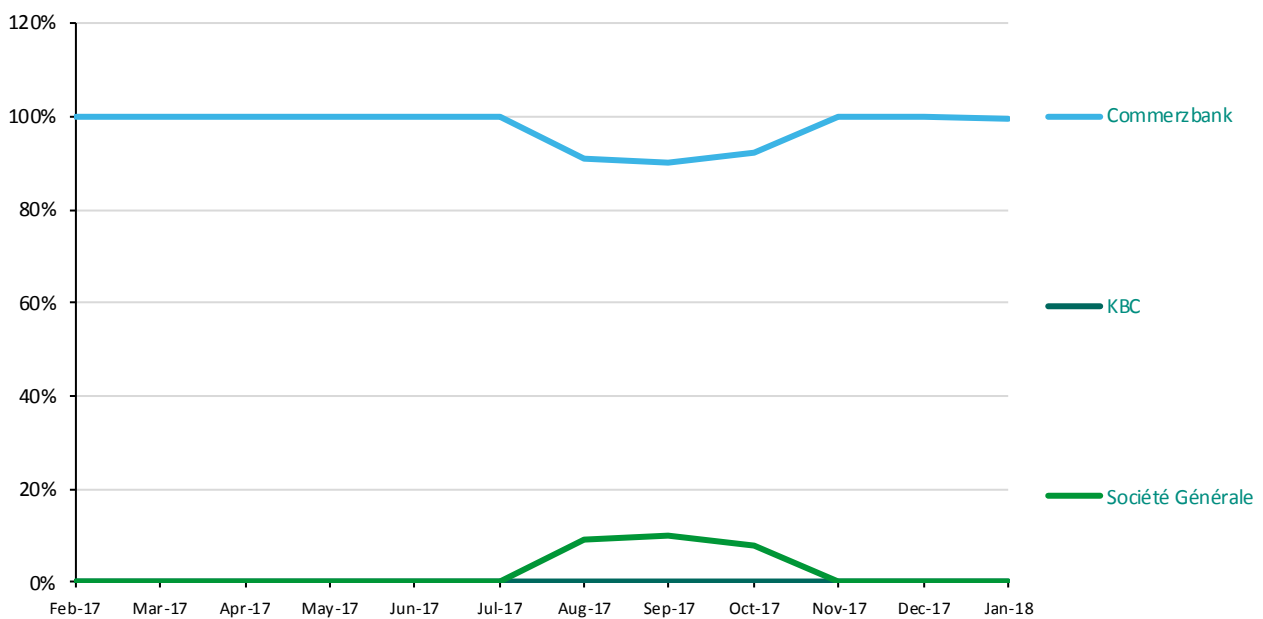
(Source Euronext)



# ISSUERS

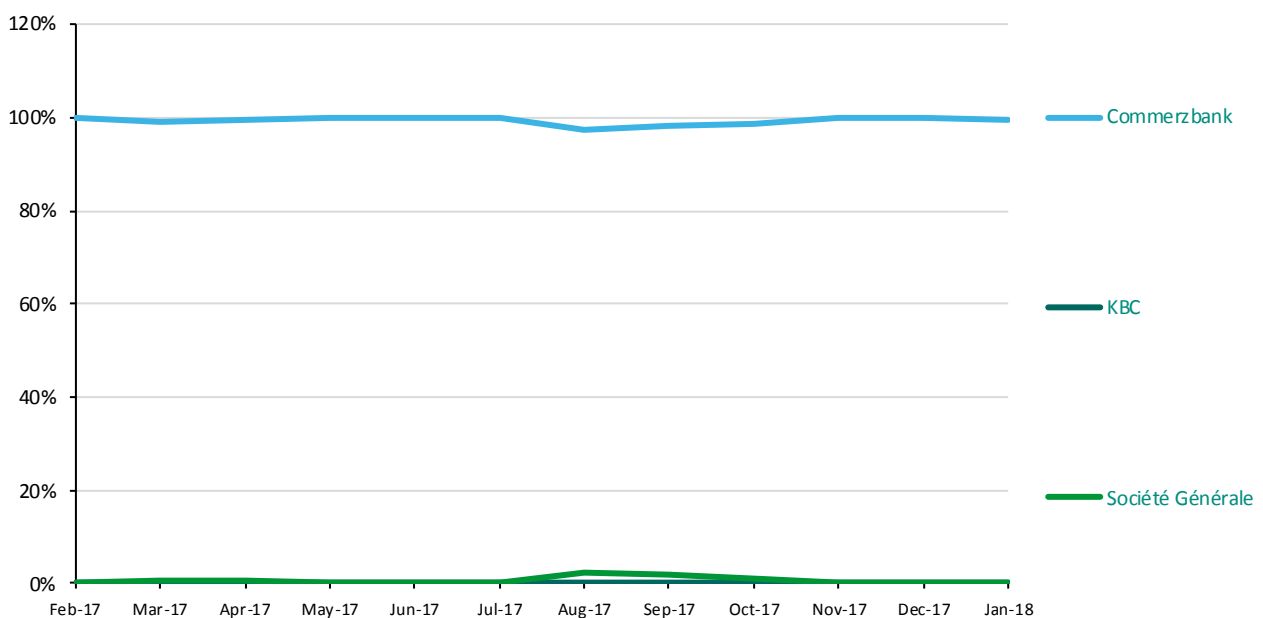
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

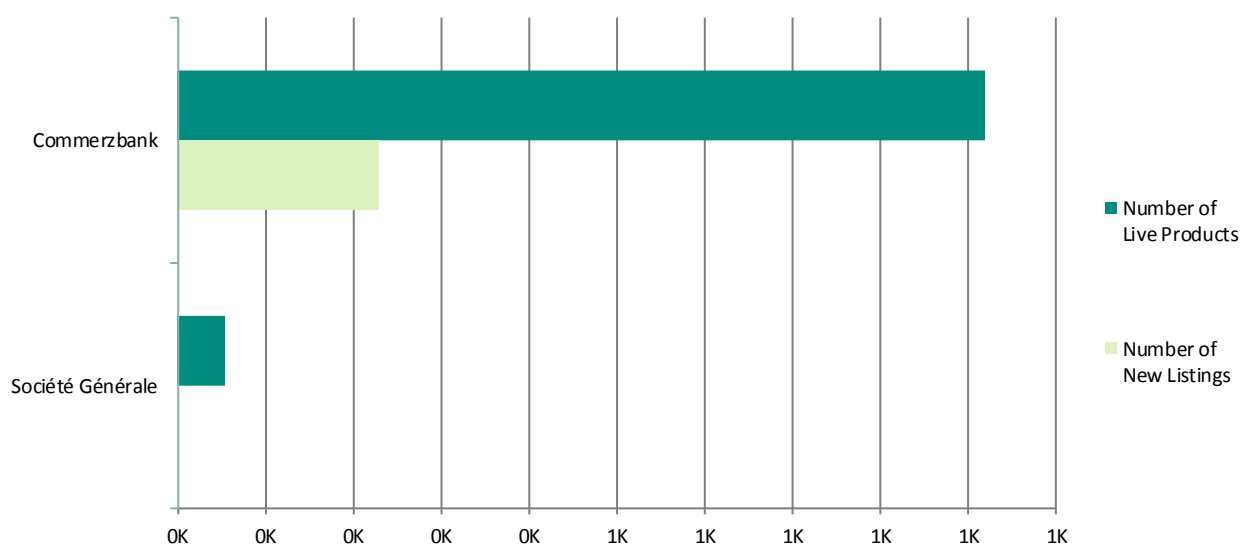
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	919	3.7%	12.3%	94.0%	228	64%	110%	96.6%
Société Générale	54	-1.4%	-15.8%	5.5%	0			0.0%
KBC	4	498%	928%	0.4%	8	300%	433%	3.4%
Total	977	3.8%	10.7%	100%	236	67.4%	114.9%	100%

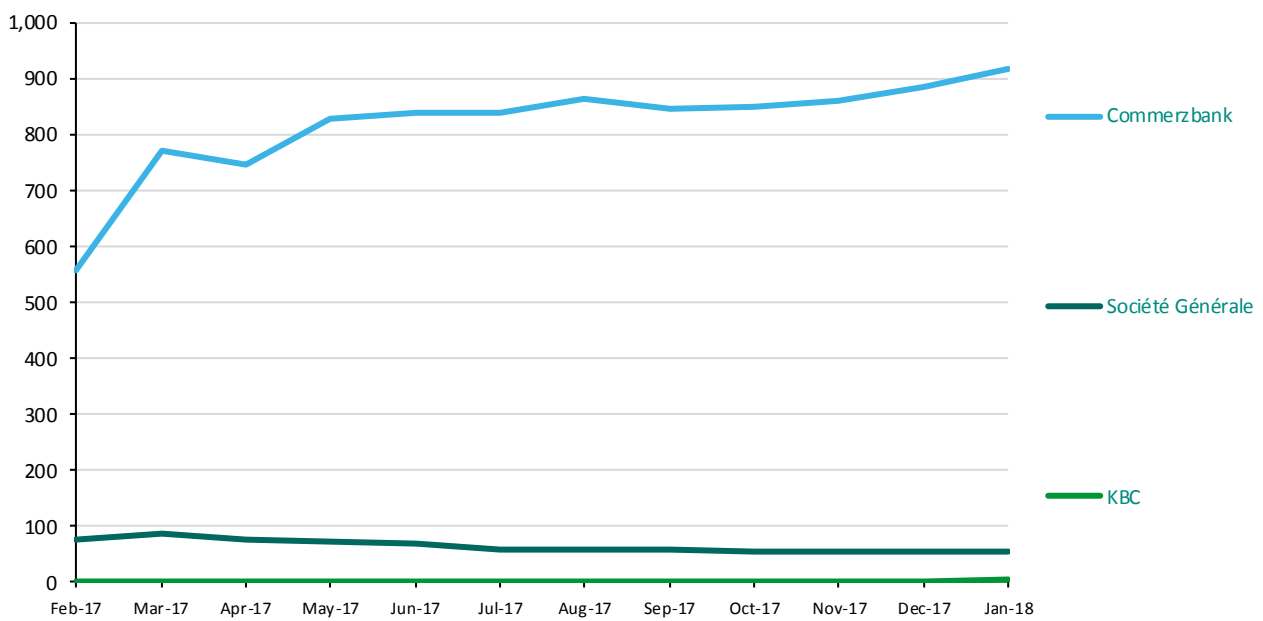
(Source Euronext)



# ISSUERS

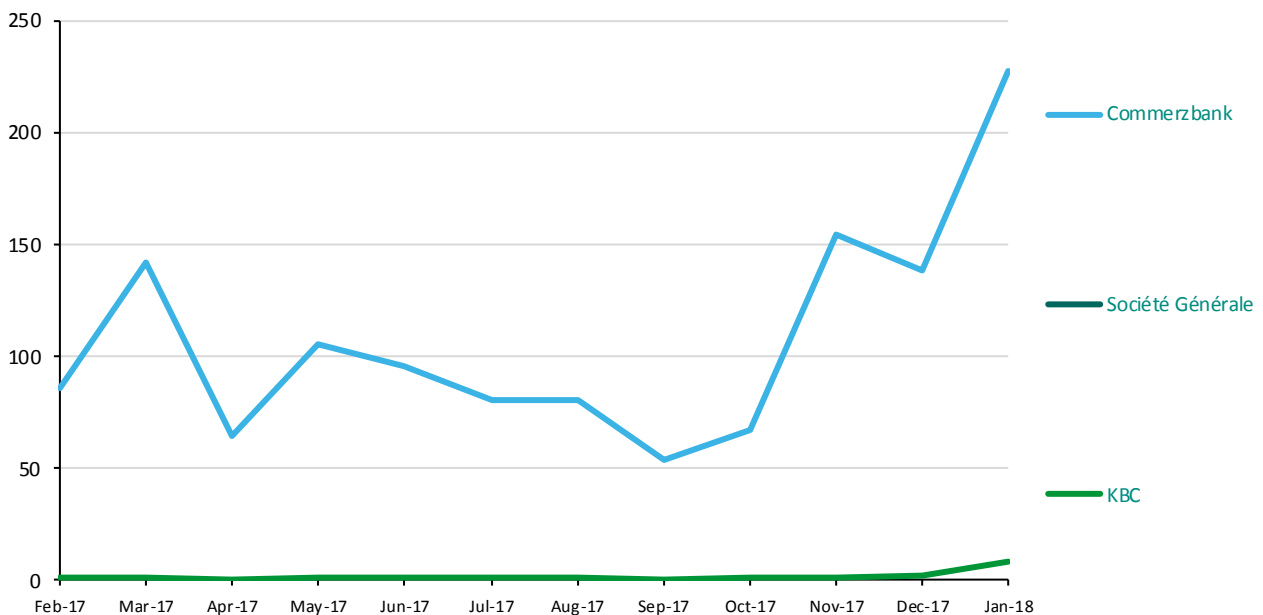
## Product Trend: Number of Live Products

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)

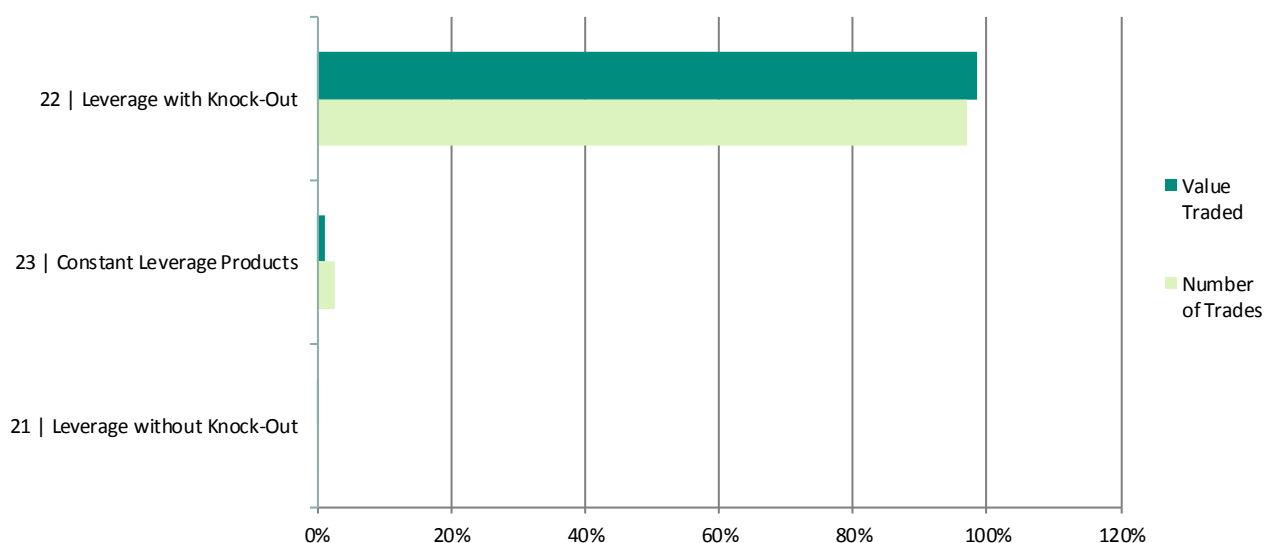
## Market Overview

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	647	104%	91%	98.4%	261	58%	77%	97.0%
23   Constant Leverage Products	8	-25%	-32%	1.2%	7.2	22%	47%	2.7%
21   Leverage without Knock-Out	2	484%	875%	0.3%	0.7	251%	801%	0.3%
<b>Total</b>	<b>658</b>	<b>100.2%</b>	<b>87.5%</b>	<b>100%</b>	<b>269</b>	<b>56.7%</b>	<b>76.6%</b>	<b>100%</b>

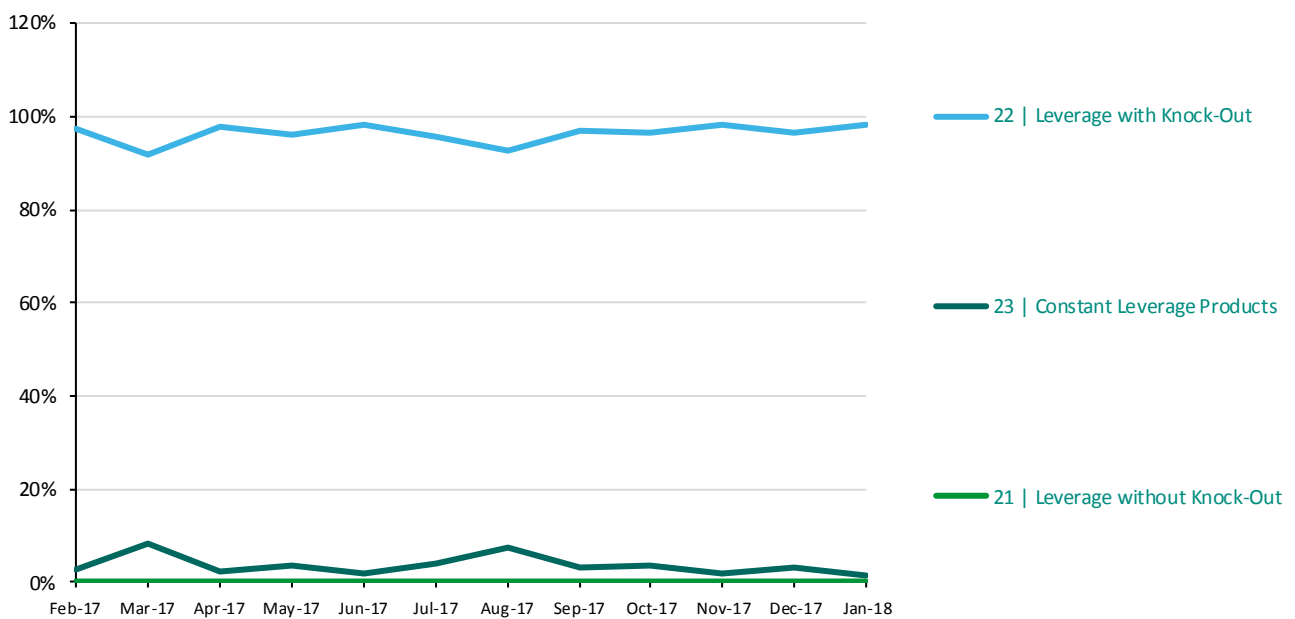
(Source Euronext)



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

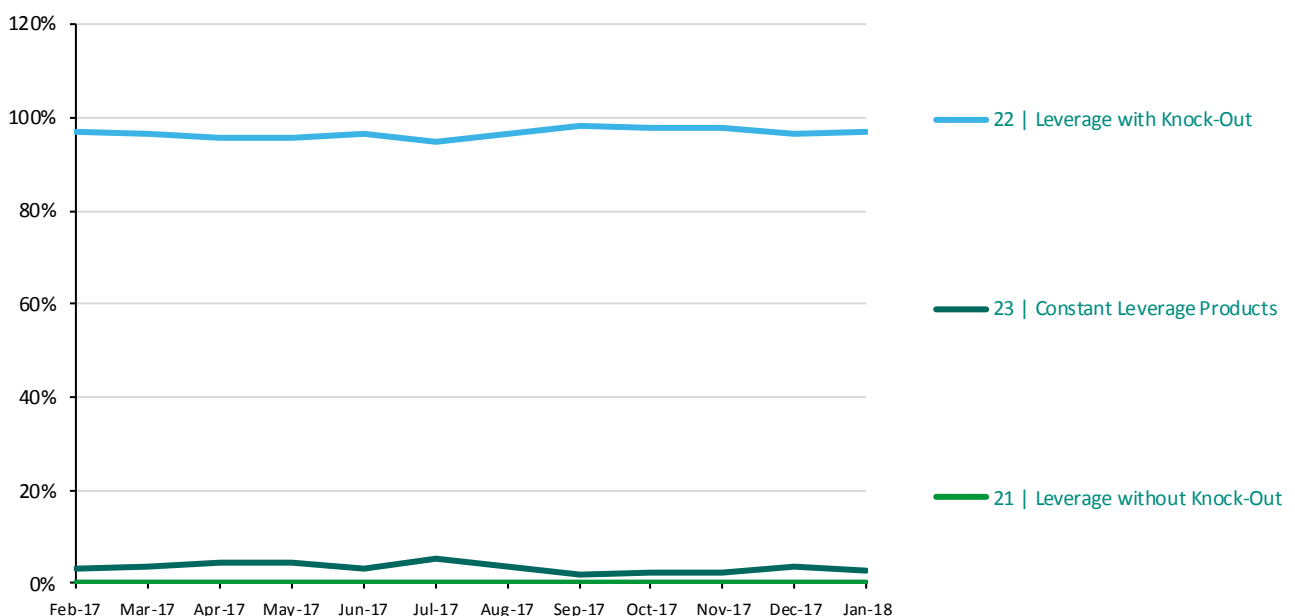
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

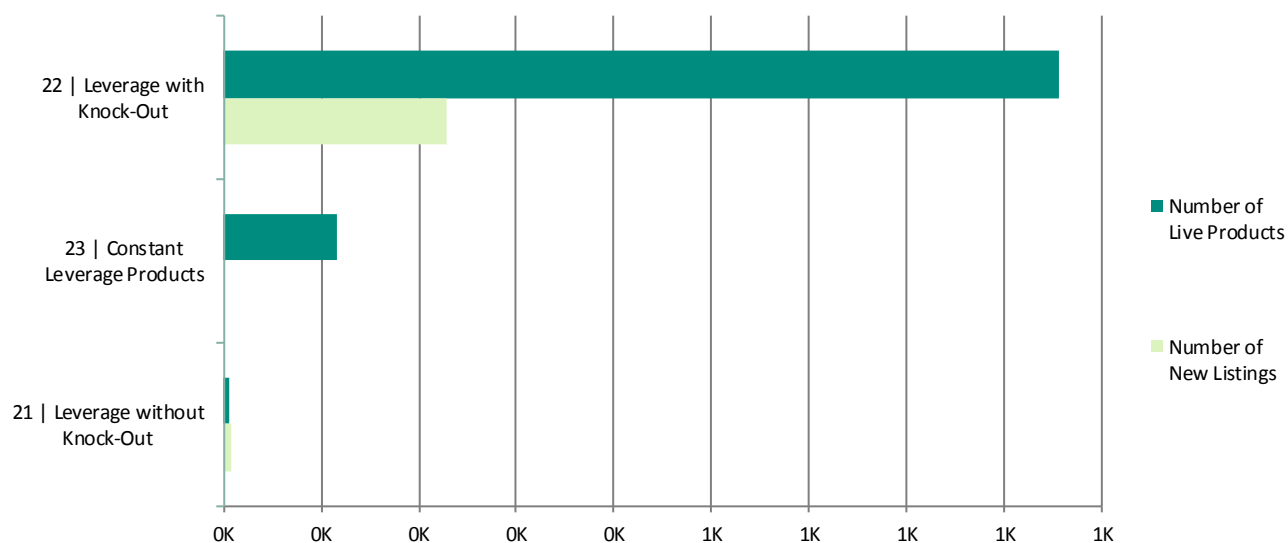
### Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	856	4.1%	14.3%	87.6%	228	64%	117%	96.6%
23   Constant Leverage Products	116	-0.8%	-12.5%	11.9%	0		-100%	0.0%
21   Leverage without Knock-Out	5	202%	271%	0.5%	8	300%	433%	3.4%
<b>Total</b>	<b>977</b>	<b>3.8%</b>	<b>10.7%</b>	<b>100%</b>	<b>236</b>	<b>67.4%</b>	<b>114.9%</b>	<b>100%</b>

(Source Euronext)

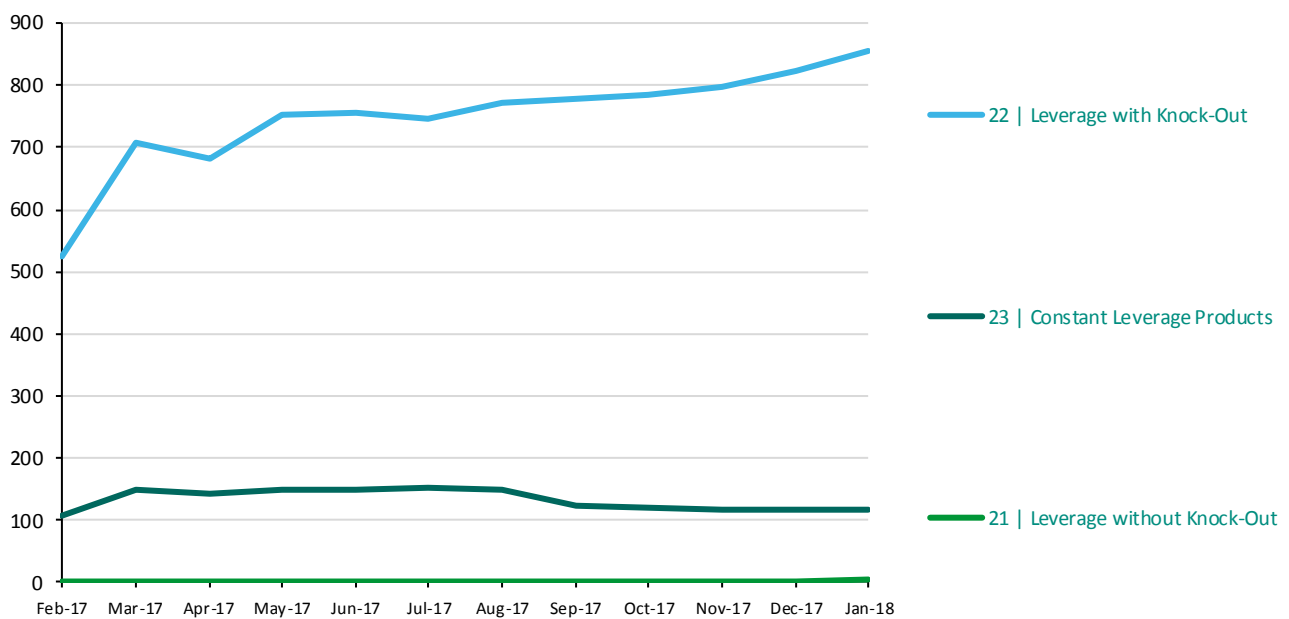




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

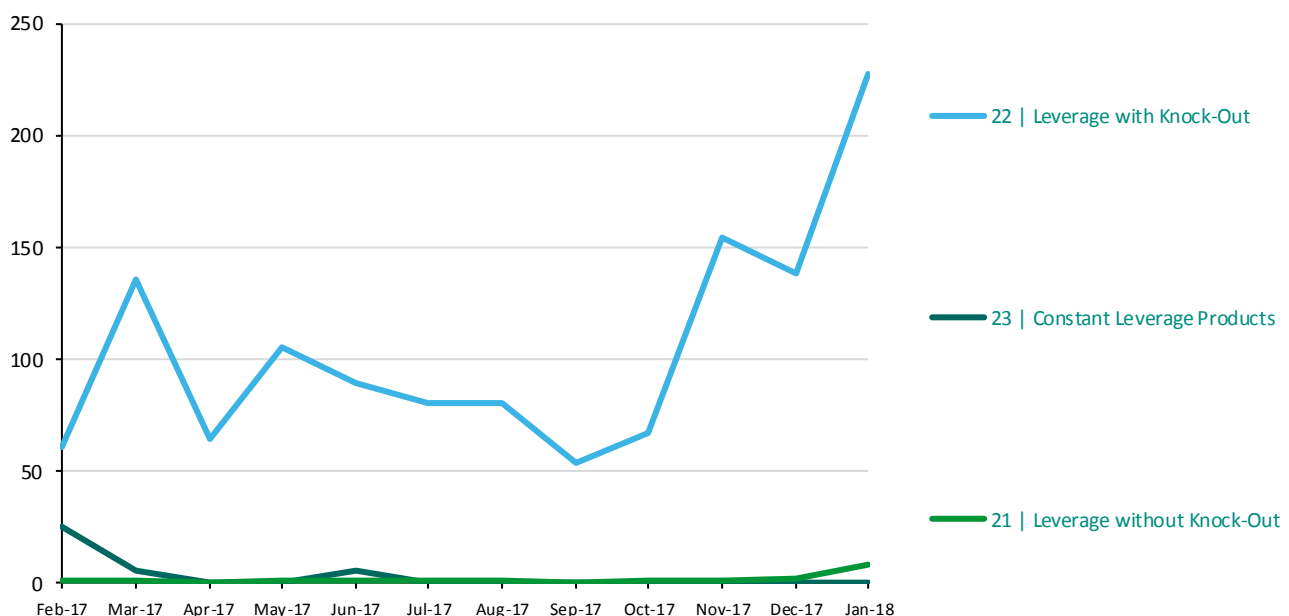
## Product Trend: Number of Live Products

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)

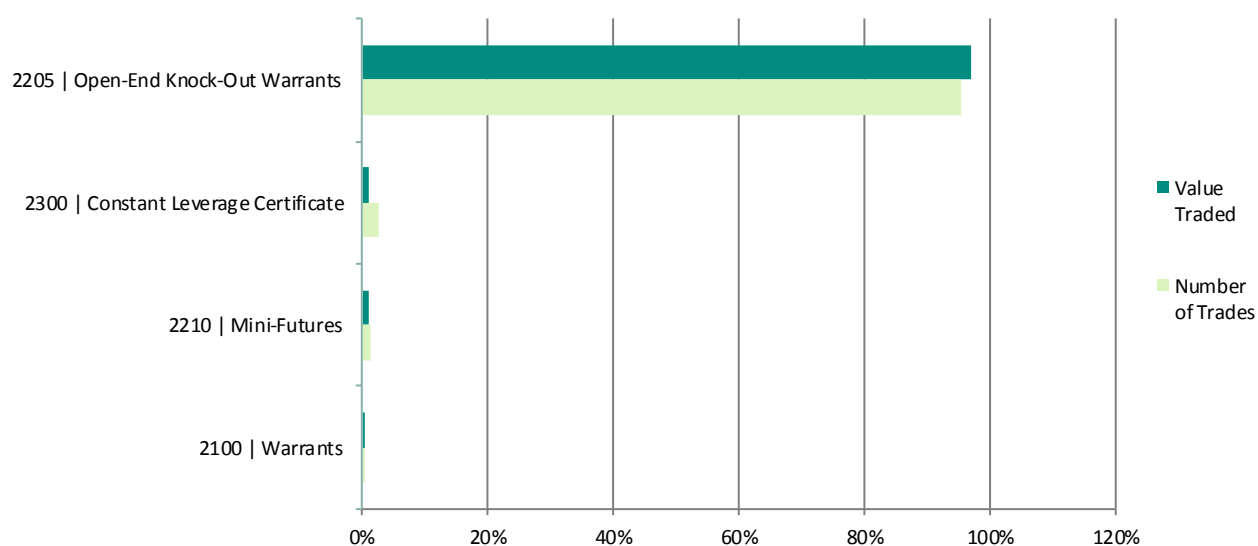
## Market Overview

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	639	107%	98%	97.2%	257	59%	82%	95.6%
2300   Constant Leverage Certificate	8	-25%	-32%	1.2%	7.2	22%	47%	2.7%
2210   Mini-Futures	8	-1.8%	-47%	1.2%	3.8	-10.3%	-35%	1.4%
2100   Warrants	2	484%	875%	0.3%	0.7	251%	801%	0.3%
<b>Total</b>	<b>658</b>	<b>100.2%</b>	<b>87.5%</b>	<b>100%</b>	<b>269</b>	<b>56.7%</b>	<b>76.6%</b>	<b>100%</b>

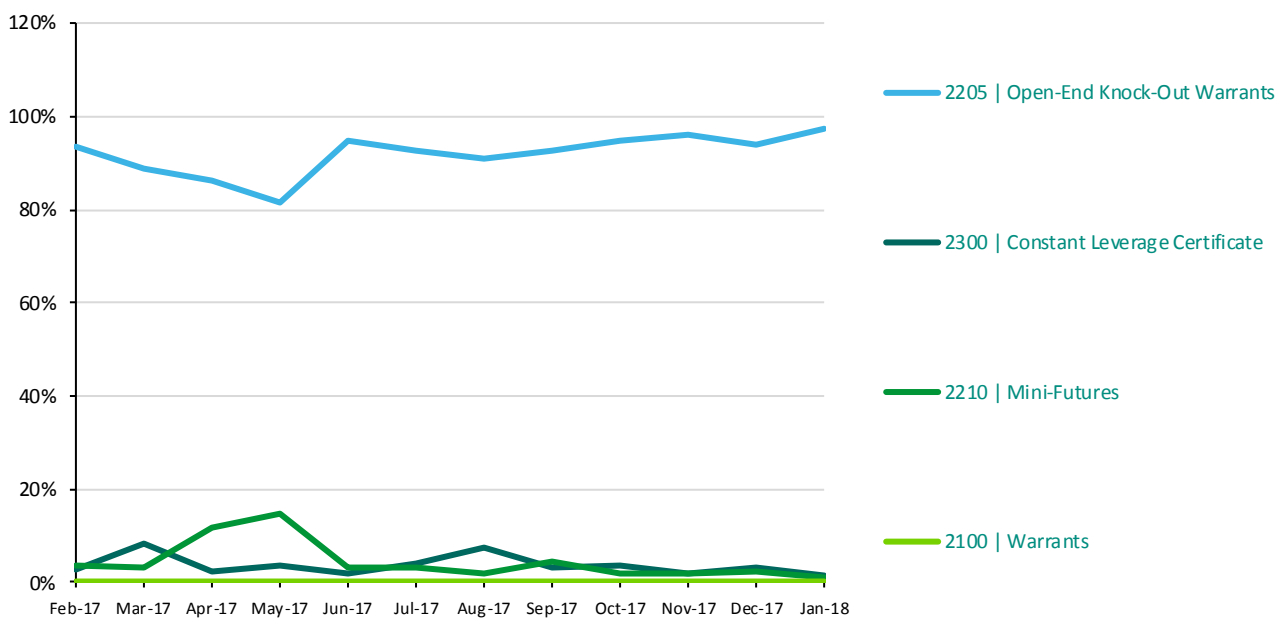
(Source Euronext)



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

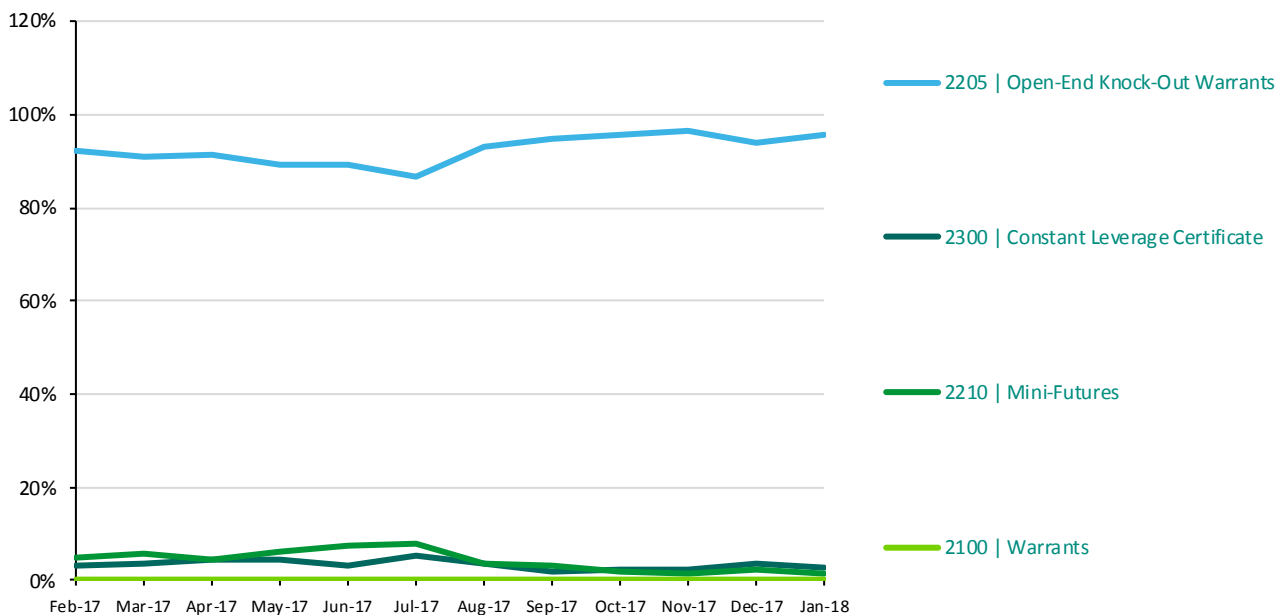
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

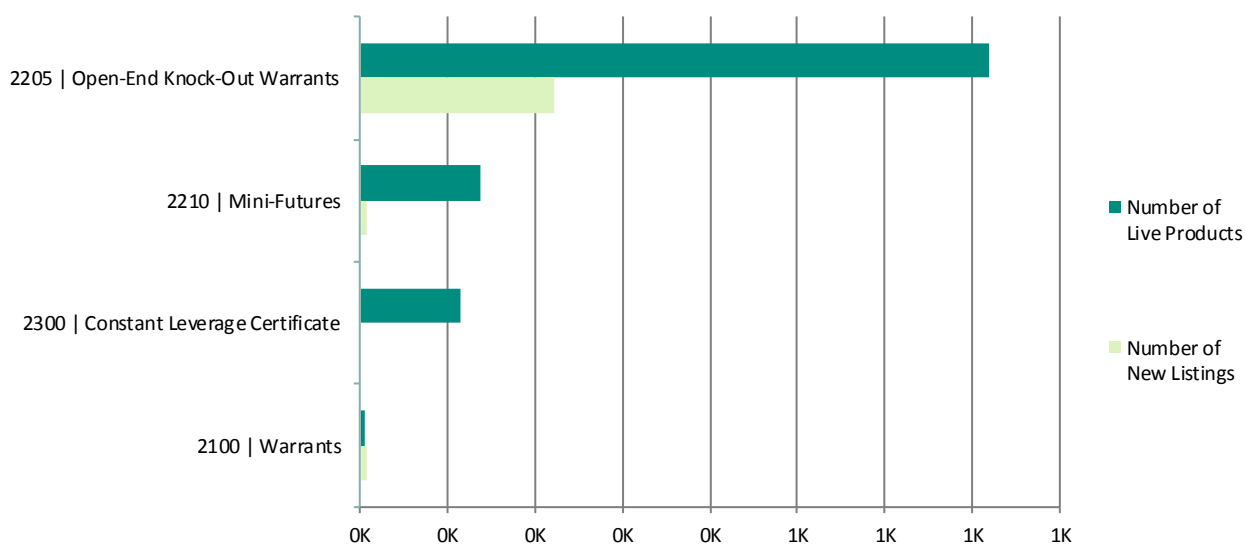
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	719	4.8%	17.7%	73.6%	221	59%	132%	93.6%
2210   Mini-Futures	137	0.1%	-0.6%	14.1%	7		-29%	3.0%
2300   Constant Leverage Certificate	116	-0.8%	-12.5%	11.9%	0		-100%	0.0%
2100   Warrants	5	202%	271%	0.5%	8	300%	433%	3.4%
<b>Total</b>	<b>977</b>	<b>3.8%</b>	<b>10.7%</b>	<b>100%</b>	<b>236</b>	<b>67.4%</b>	<b>114.9%</b>	<b>100%</b>

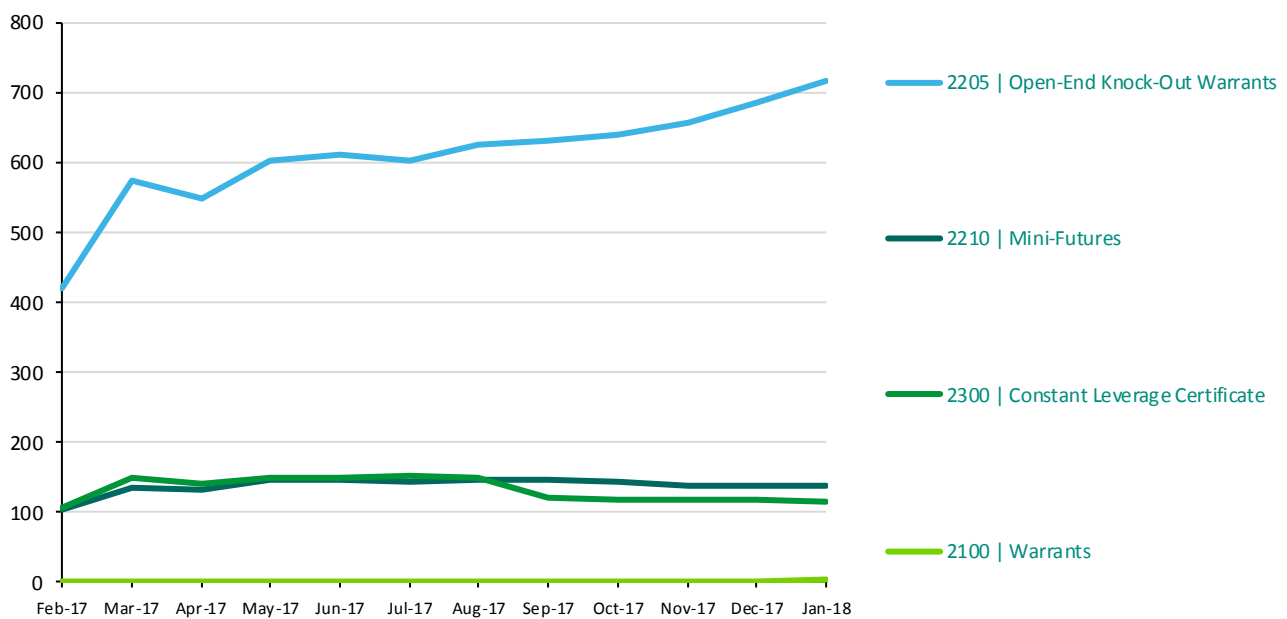
(Source Euronext)



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

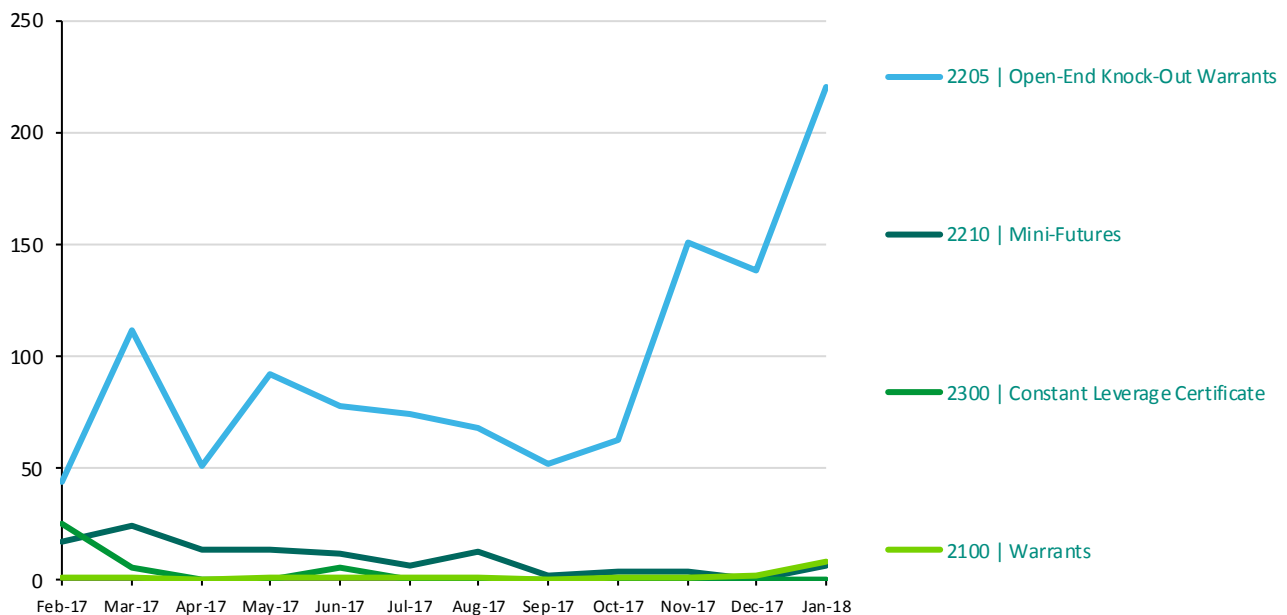
## Product Trend: Number of Live Products

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

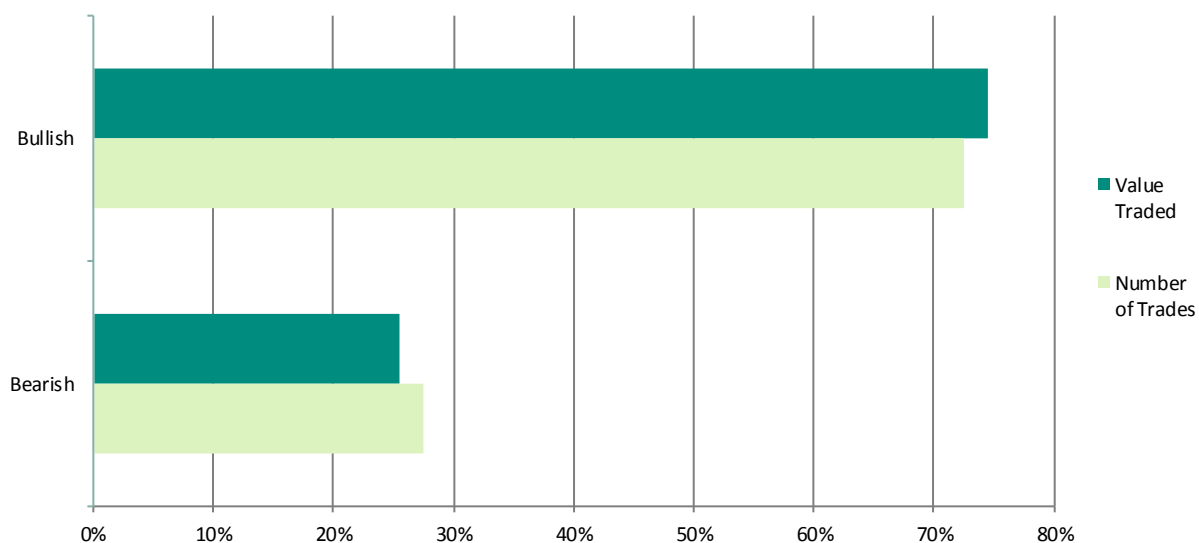
## Market Overview

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	490	114%	93%	74.5%	195	51%	82%	72.5%
Bearish	168	68%	74%	25.5%	74	73%	63%	27.5%
Total	658	100.2%	87.5%	100%	269	56.7%	76.6%	100%

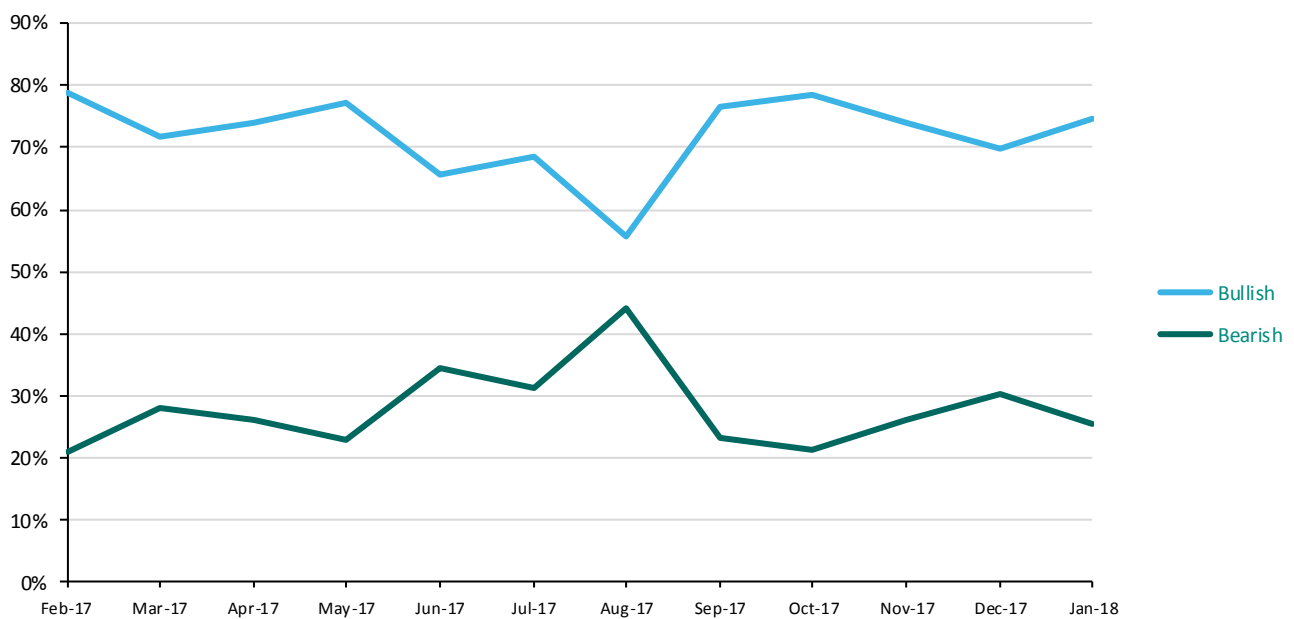
(Source Euronext)



# PRODUCT STRATEGIES

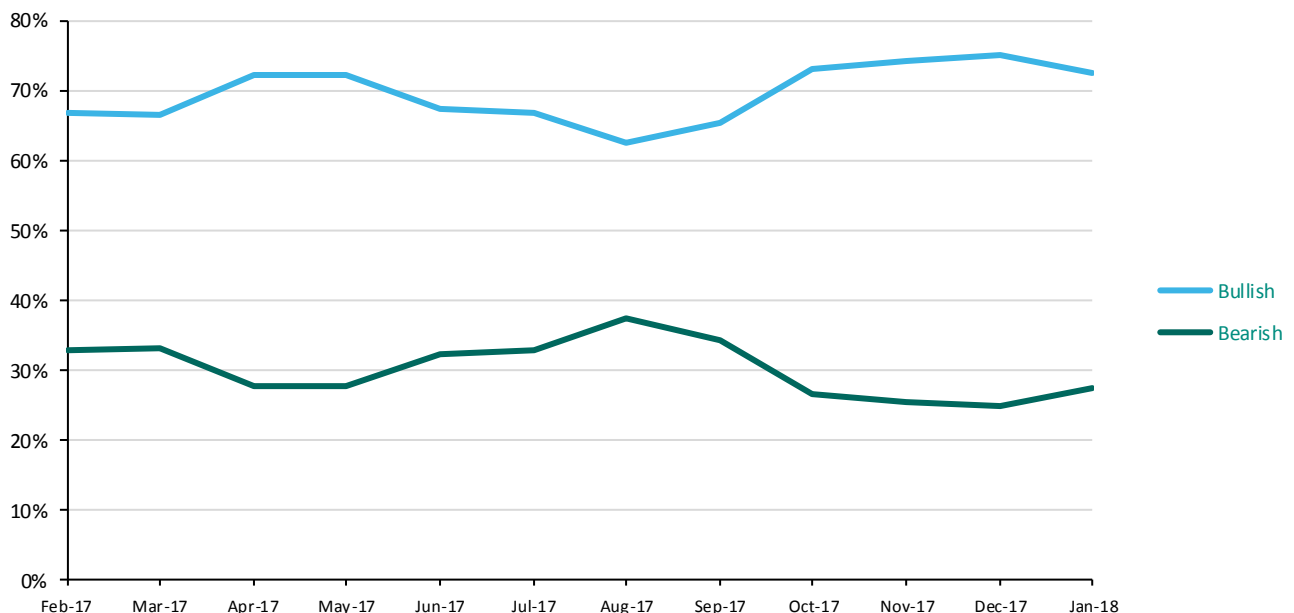
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

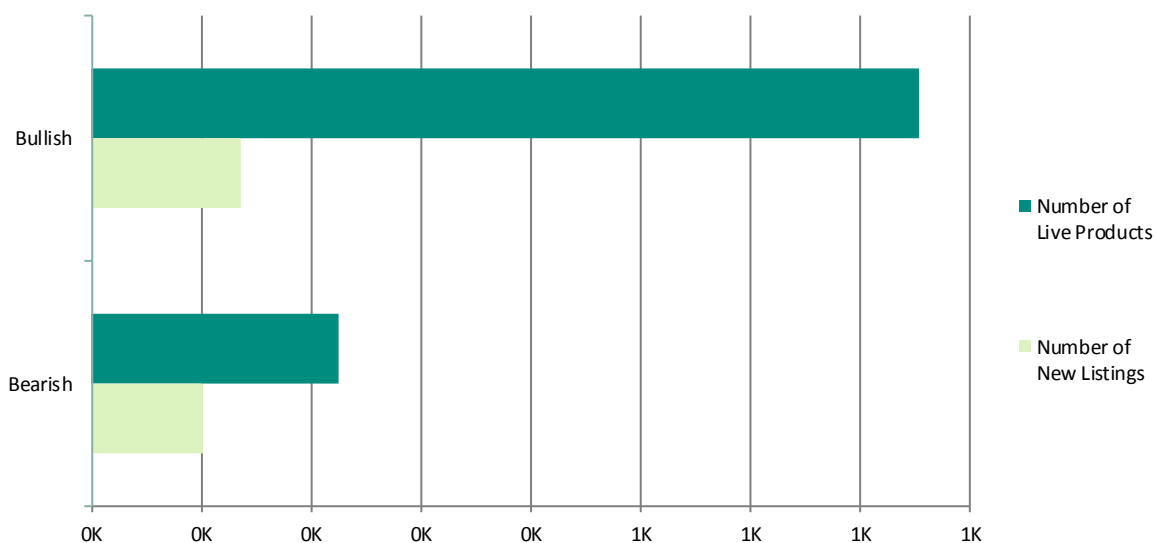
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	753	6.8%	16.2%	77.1%	135	63%	104%	57.2%
Bearish	224	-5.1%	-4.4%	22.9%	101	74%	131%	42.8%
Total	977	3.8%	10.7%	100%	236	67.4%	114.9%	100%

(Source Euronext)

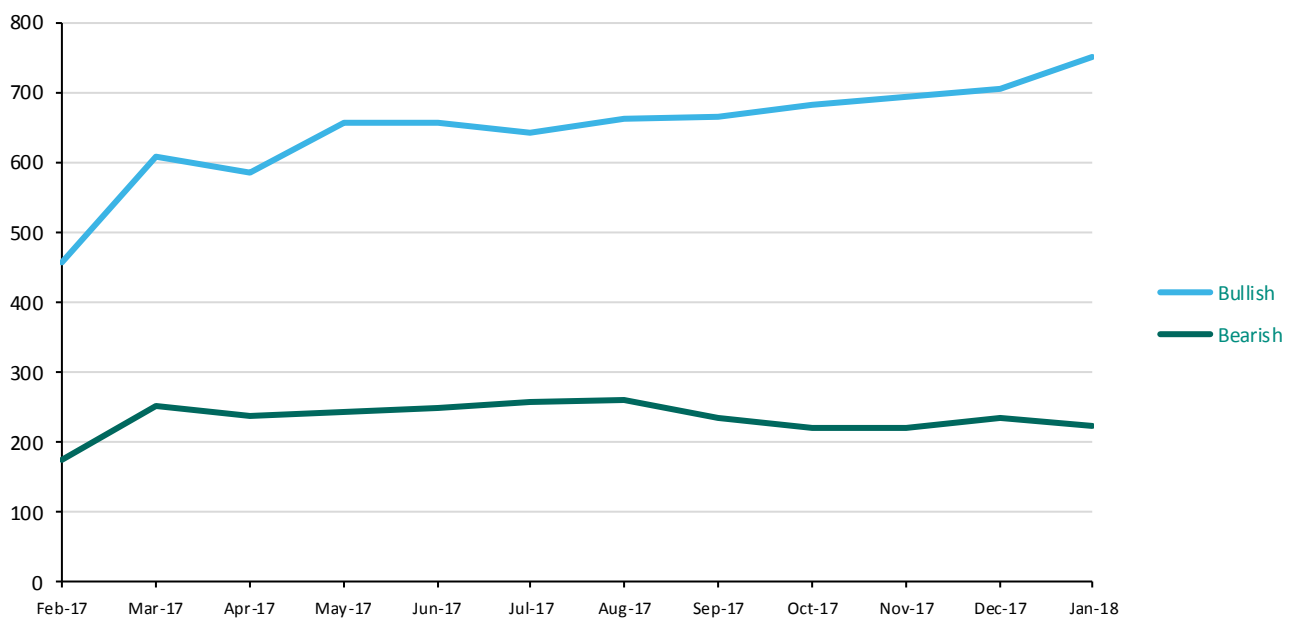




# PRODUCT STRATEGIES

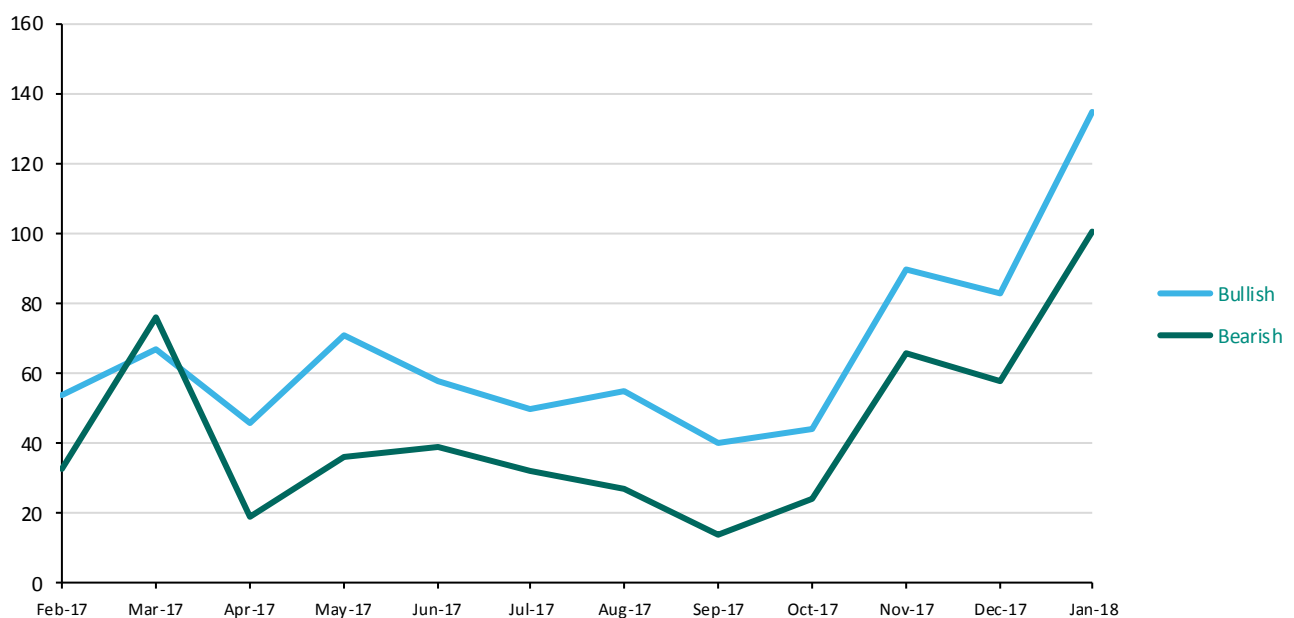
## Product Trend: Number of Live Products

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

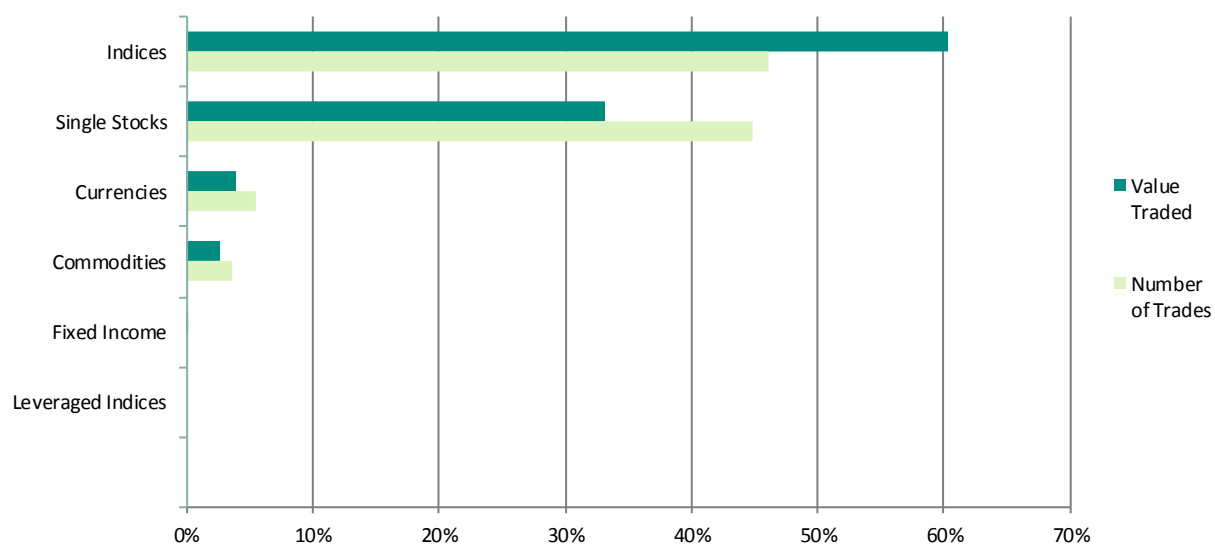
### Market Overview

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	397	127%	159%	60.3%	124	44%	103%	46.2%
Single Stocks	218	66%	44%	33.1%	120	64%	72%	44.8%
Currencies	25	NA	-20%	3.8%	15	577%	43%	5.4%
Commodities	18	-17.2%	19.2%	2.7%	9.6	-3.8%	-9.8%	3.6%
Fixed Income	0	-79%	-95%	0.0%	0.0	-59%	-44%	0.0%
Leveraged Indices	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
	0			0.0%	0.0			0.0%
<b>Total</b>	<b>658</b>	<b>100.2%</b>	<b>87.5%</b>	<b>100%</b>	<b>269</b>	<b>56.7%</b>	<b>76.6%</b>	<b>100%</b>

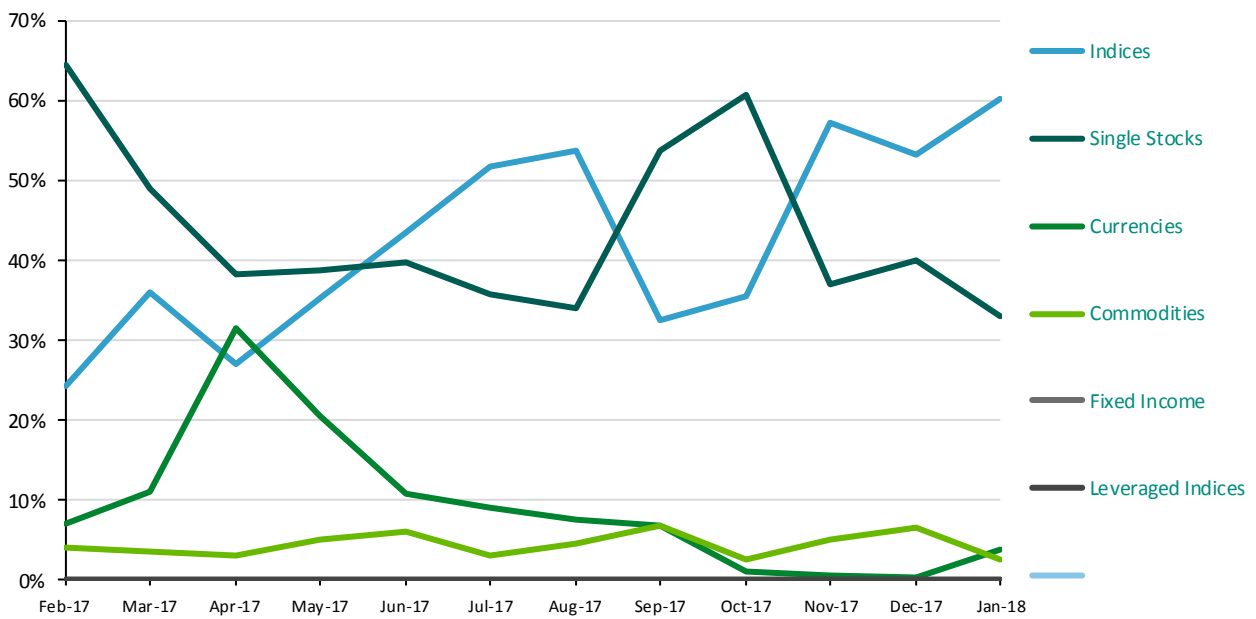
(Source Euronext)



# UNDERLYING TYPES

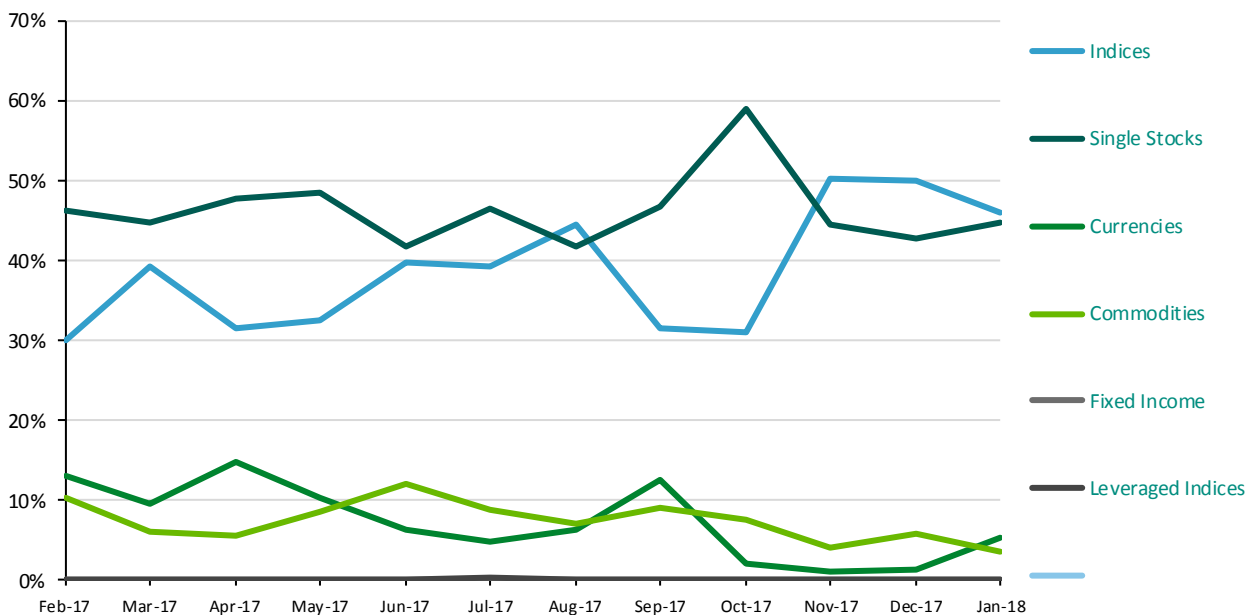
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# UNDERLYING TYPES

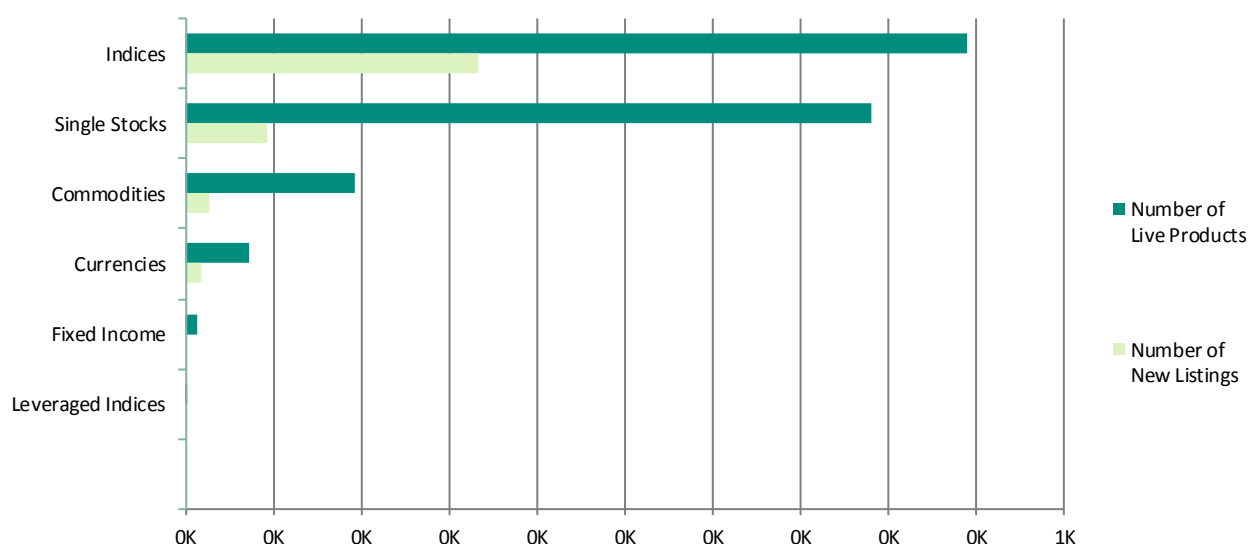
## Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	445	5.5%	15.0%	45.6%	167	69%	172%	70.8%
Single Stocks	391	1.7%	5.2%	40.0%	46	100%	34%	19.5%
Commodities	96	6.4%	28%	9.9%	13	-18.8%	32%	5.5%
Currencies	37	3.1%	8.9%	3.7%	9	350%	209%	3.8%
Fixed Income	7	0.0%	11.2%	0.7%	0		-100%	0.0%
Leveraged Indices	1	-49%	-88%	0.1%	0			0.0%
	0			0.0%	0			0.0%
<b>Total</b>	<b>977</b>	<b>3.8%</b>	<b>10.7%</b>	<b>100%</b>	<b>236</b>	<b>67.4%</b>	<b>114.9%</b>	<b>100%</b>

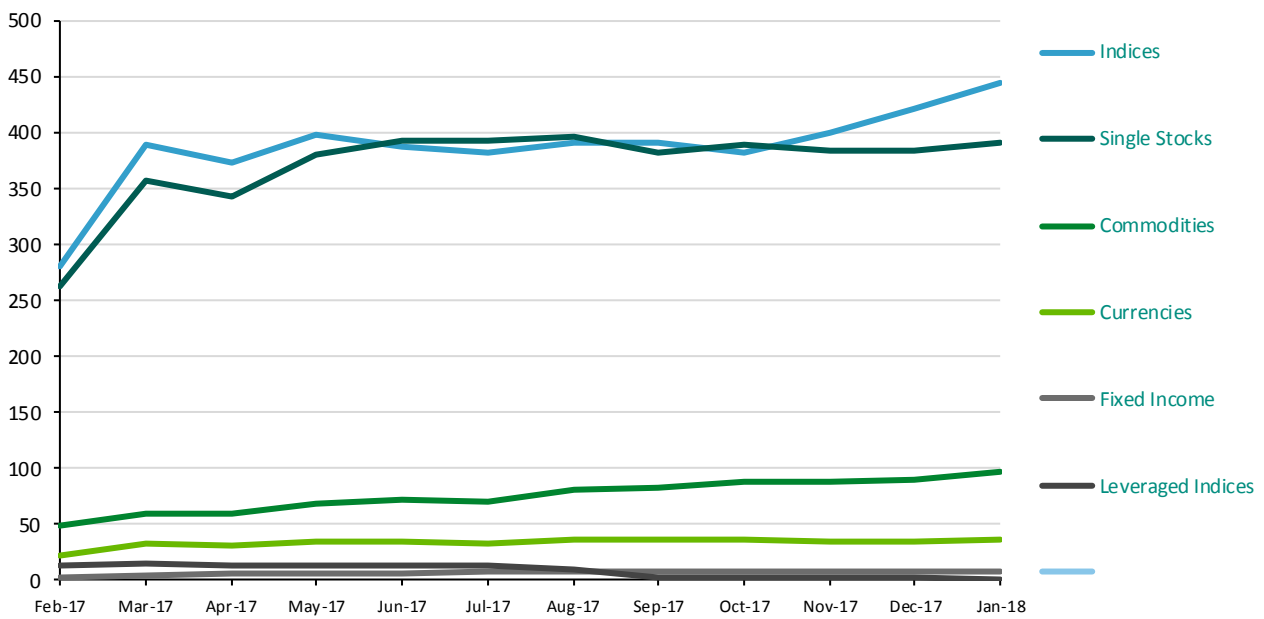
(Source Euronext)



# UNDERLYING TYPES

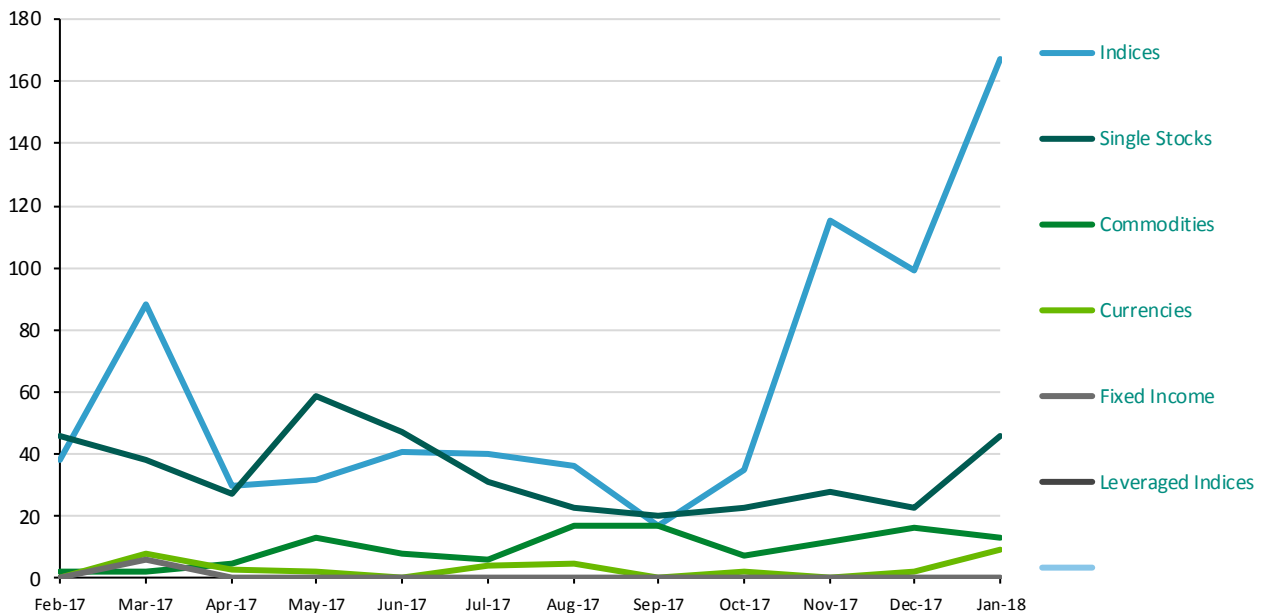
## Product Trend: Number of Live Products

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

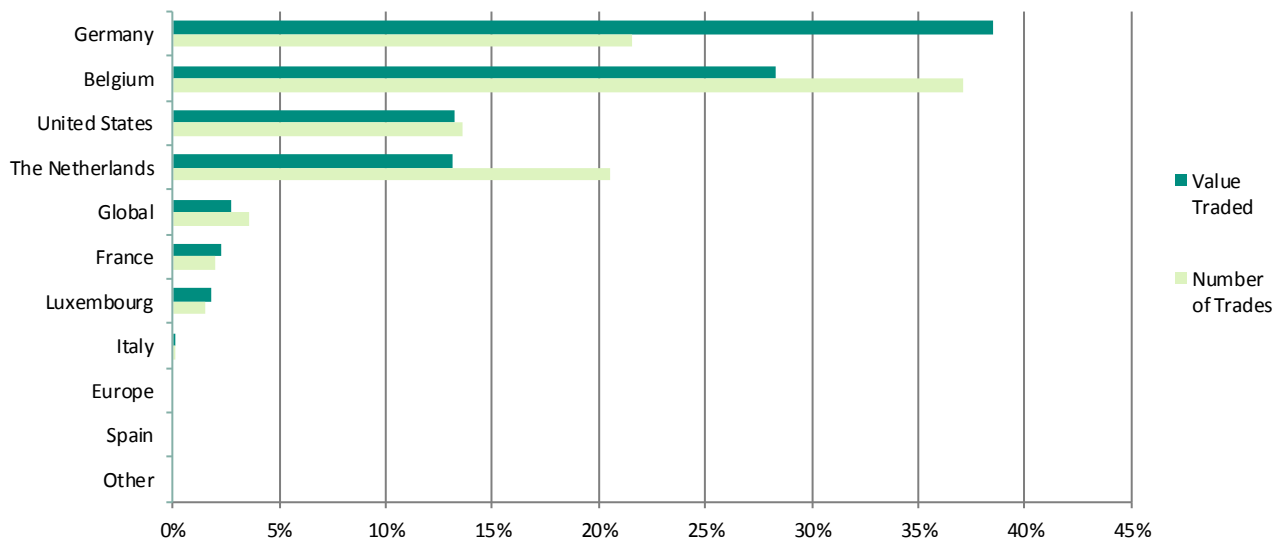
## Market Overview

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	253	201%	201%	38.5%	58	56%	100%	21.6%
Belgium	186	70%	53%	28.3%	100	71%	77%	37.1%
United States	87	334%	103%	13.2%	37	280%	133%	13.6%
The Netherlands	87	10.5%	42%	13.2%	55	13.4%	73%	20.6%
Global	18	-15.8%	16.8%	2.7%	9.7	-2.5%	-10.3%	3.6%
France	15	64%	-16.5%	2.2%	5.2	11.4%	2.7%	1.9%
Luxembourg	12	99%	55%	1.8%	4.0	40%	31%	1.5%
Italy	0	-79%	-92%	0.0%	0.0	-59%	-35%	0.0%
Europe	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Spain	0			0.0%	0.0			0.0%
Other	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>658</b>	<b>100.2%</b>	<b>87.5%</b>	<b>100%</b>	<b>269</b>	<b>56.7%</b>	<b>76.6%</b>	<b>100%</b>

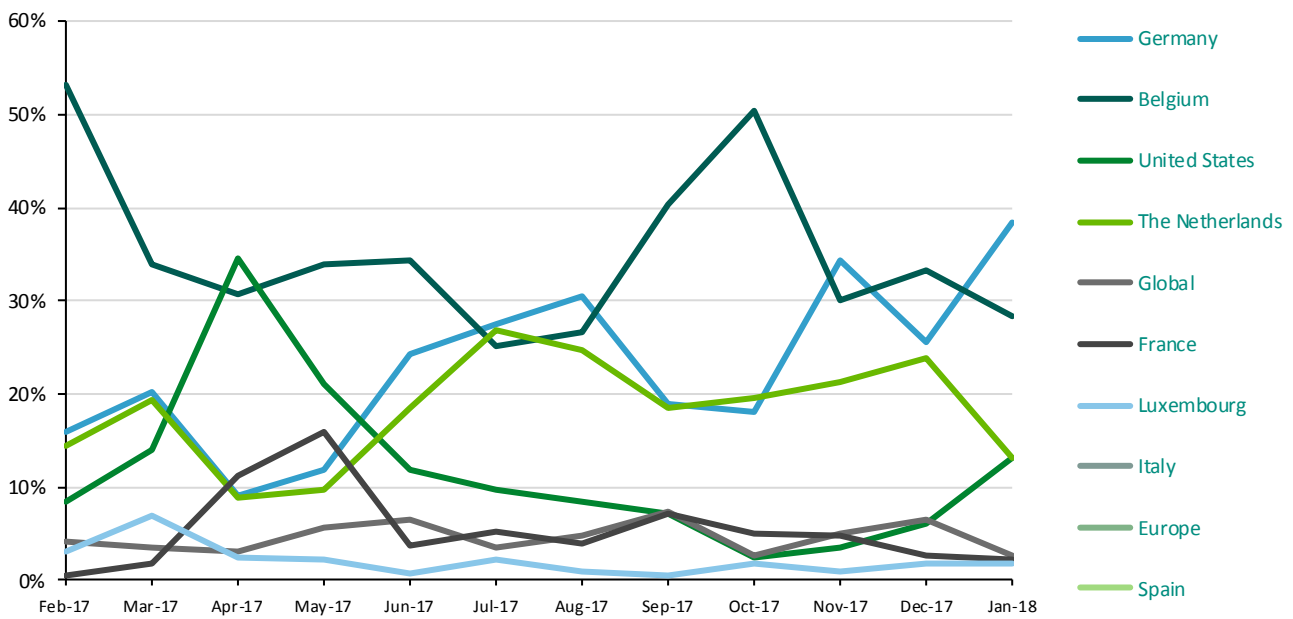
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

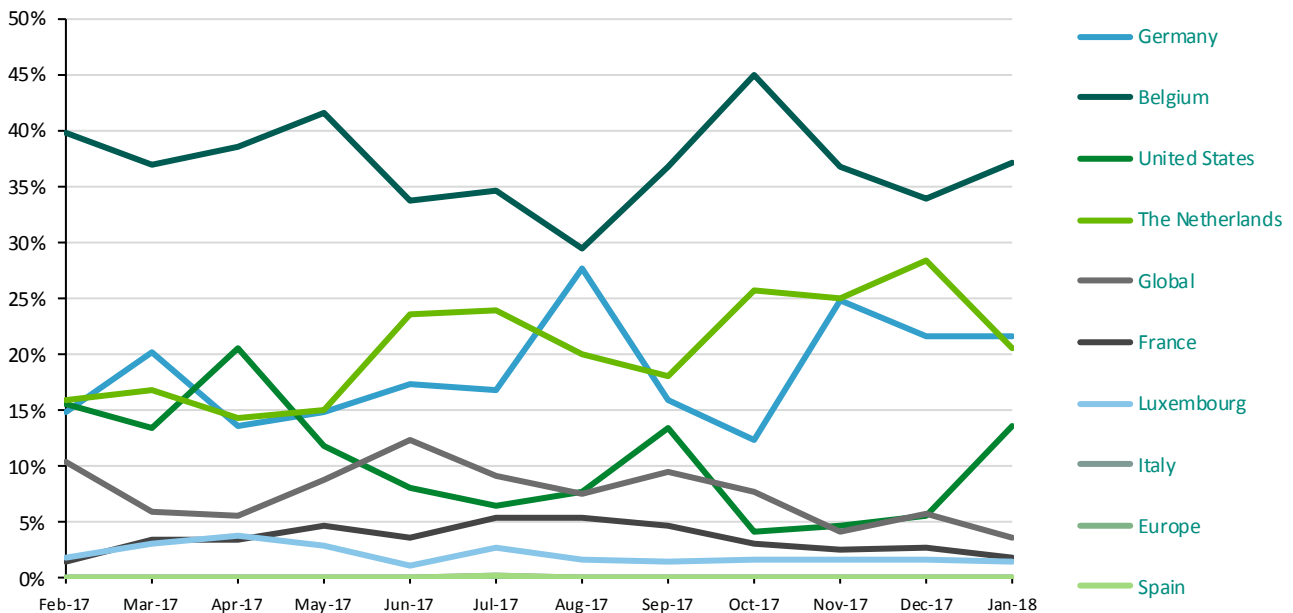
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

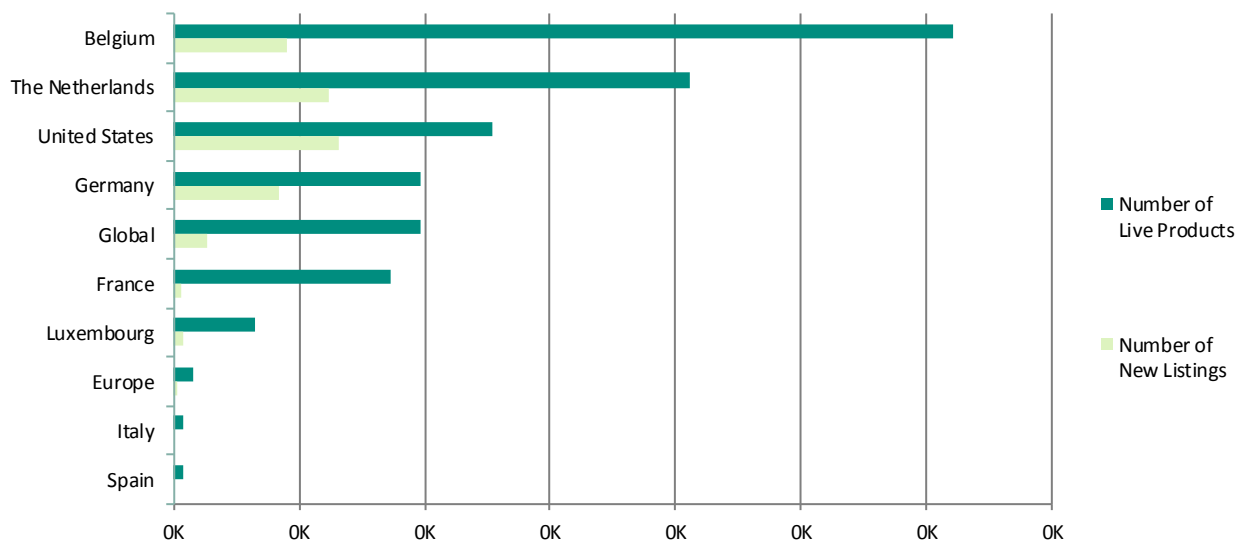
## Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Belgium	311	2.7%	8.3%	31.8%	45	181%	59%	19.1%
The Netherlands	206	3.0%	8.6%	21.1%	62	48%	120%	26.3%
United States	127	16.8%	42%	13.0%	66	100%	355%	28.0%
Germany	98	1.1%	4.2%	10.1%	42	40%	122%	17.8%
Global	98	6.2%	26%	10.1%	13	-18.8%	32%	5.5%
France	86	-0.6%	-3.0%	8.8%	3	200%	-33%	1.3%
Luxembourg	33	-5.8%	8.5%	3.3%	4	100%	-12.7%	1.7%
Europe	8	-10.6%	-17.9%	0.8%	1	0.0%	20.0%	0.4%
Italy	4	0.0%	-21%	0.4%	0			0.0%
Spain	4	0.0%	-4.1%	0.4%	0			0.0%
Other	1	0.0%	-81%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>977</b>	<b>3.8%</b>	<b>10.7%</b>	<b>100%</b>	<b>236</b>	<b>67.4%</b>	<b>114.9%</b>	<b>100%</b>

(Source Euronext)

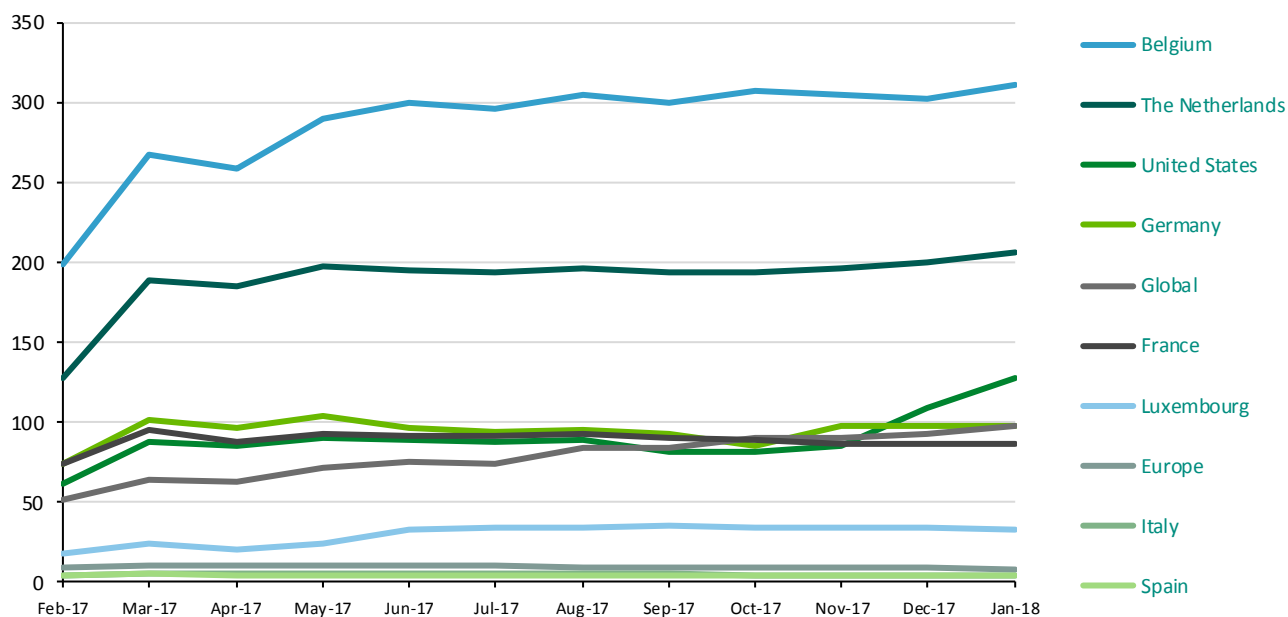




# TOP 10 UNDERLYING COUNTRIES

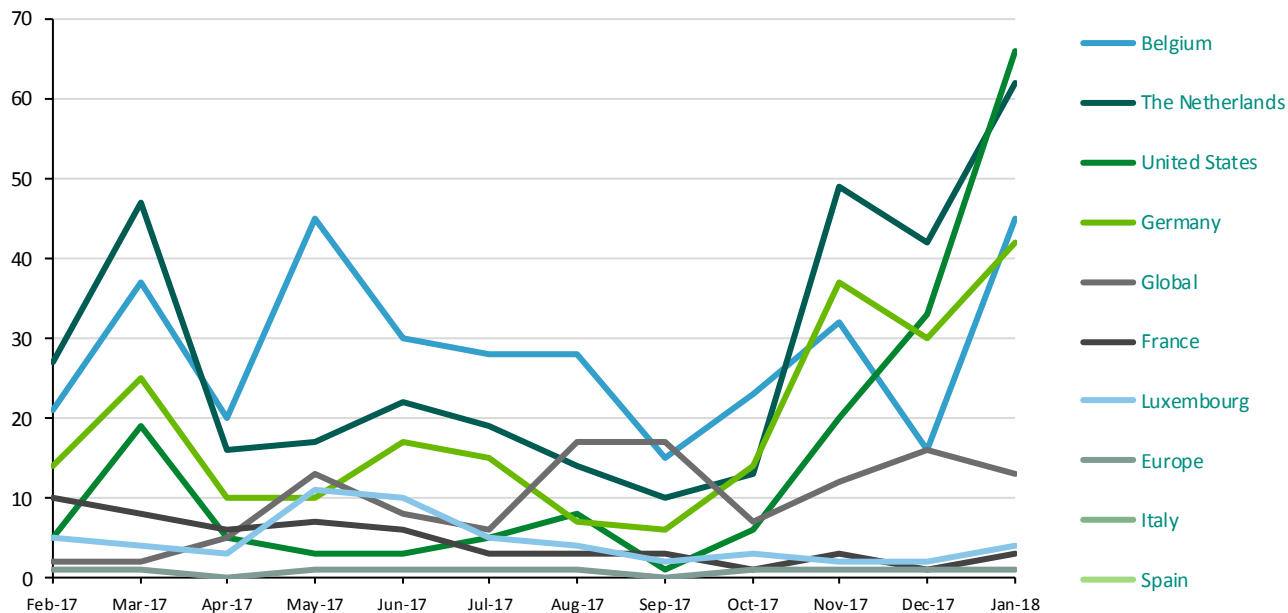
## Product Trend: Number of Live Products

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

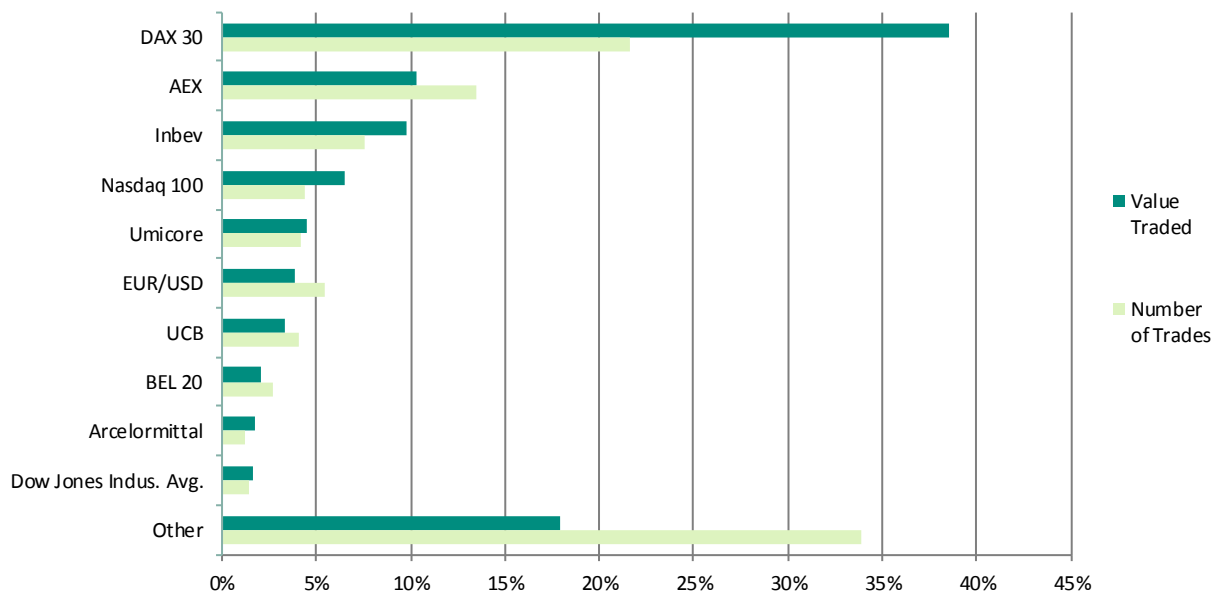
## Market Overview

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	253	201%	201%	38.5%	58	57%	100%	21.6%
AEX	68	8.6%	65%	10.3%	36	1.6%	87%	13.5%
Inbev	64	66%	37%	9.8%	20	38%	75%	7.5%
Nasdaq 100	42	751%	915%	6.5%	12	705%	910%	4.4%
Umicore	29	329%	211%	4.5%	11	346%	191%	4.2%
EUR/USD	25	NA	-20%	3.8%	15	577%	43%	5.4%
UCB	22	18.4%	72%	3.3%	11	17.9%	67%	4.1%
BEL 20	13	58%	56%	2.0%	7.3	48%	28%	2.7%
Arcelormittal	12	99%	56%	1.8%	3.3	49%	27%	1.2%
Dow Jones Indus. Avg.	11	116%	638%	1.6%	3.9	145%	662%	1.4%
Other	118	27%	14.3%	17.9%	91	52%	48%	33.8%
<b>Total</b>	<b>658</b>	<b>100.2%</b>	<b>87.5%</b>	<b>100%</b>	<b>269</b>	<b>56.7%</b>	<b>76.6%</b>	<b>100%</b>

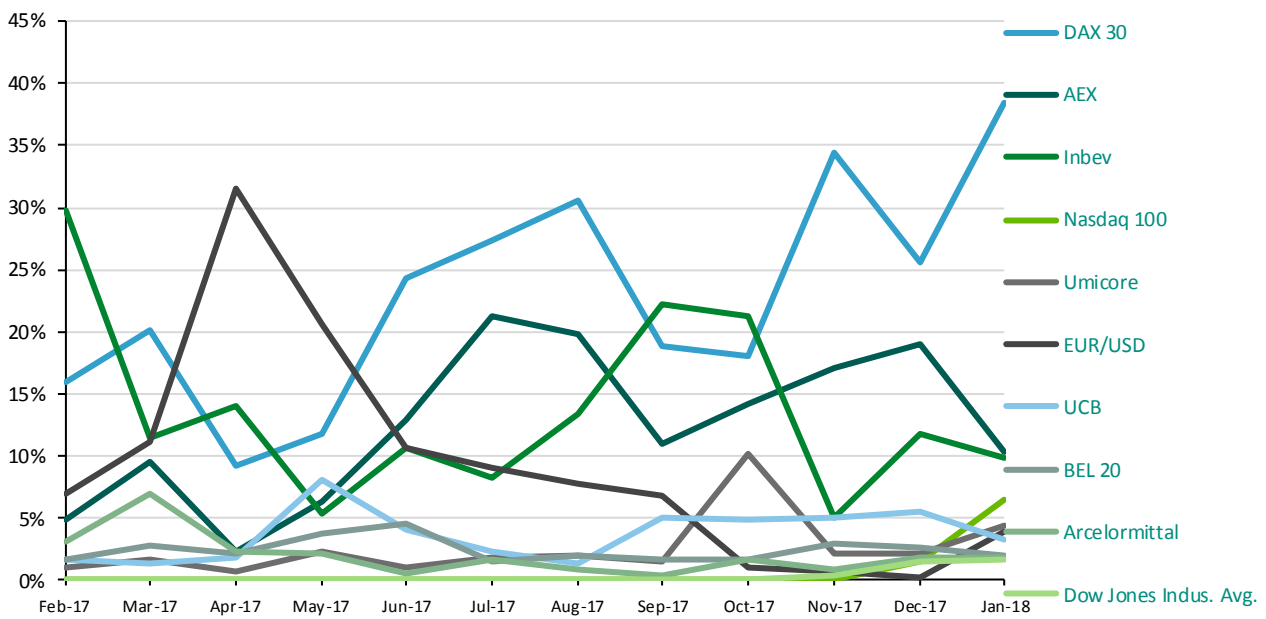
(Source Euronext)



# TOP 10 UNDERLYINGS

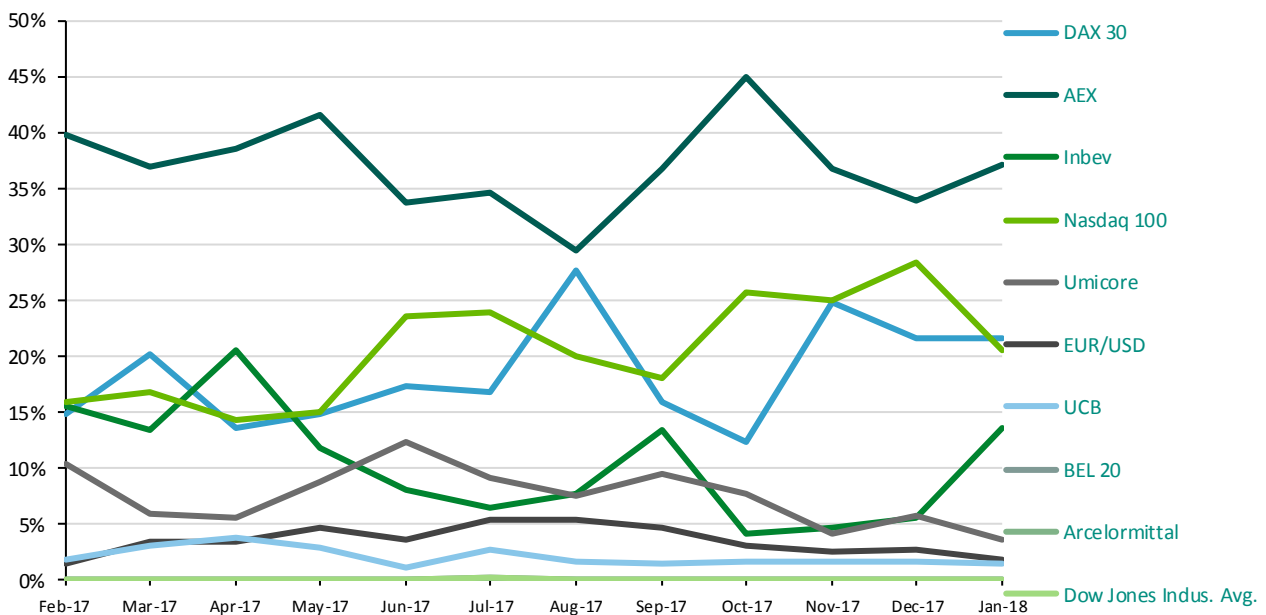
## Market Trend: Value traded

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

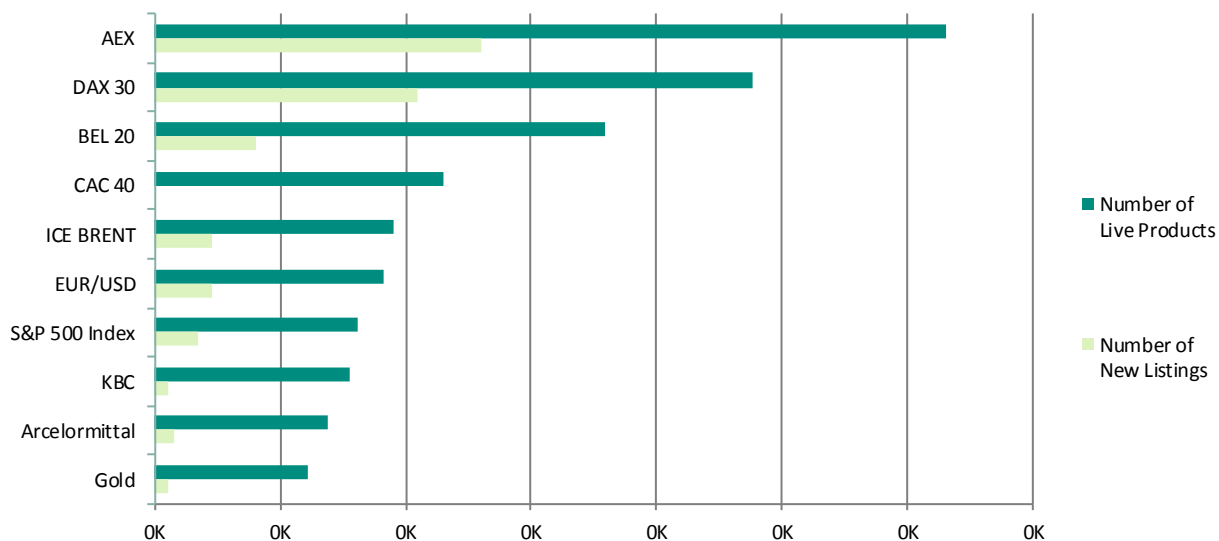
## Product Overview

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	126	1.3%	1.9%	12.9%	52	53%	167%	22.0%
DAX 30	95	1.2%	4.1%	9.8%	42	40%	124%	17.8%
BEL 20	72	5.1%	36%	7.4%	16	300%	54%	6.8%
CAC 40	46	0.0%	-5.3%	4.7%	0		-100%	0.0%
ICE BRENT	38	28%	52%	3.9%	9	-10.0%	86%	3.8%
EUR/USD	37	3.1%	8.9%	3.7%	9	350%	209%	3.8%
S&P 500 Index	32	1.0%	21%	3.3%	7	75%	71%	3.0%
KBC	31	0.1%	0.3%	3.2%	2	-33%	-7.7%	0.8%
Arcelormittal	28	-6.9%	2.2%	2.8%	3	50%	-25%	1.3%
Gold	24	0.6%	6.9%	2.5%	2	-33%	4.3%	0.8%
Other	447	5.1%	12.0%	45.8%	94	92%	136%	39.8%
<b>Total</b>	<b>977</b>	<b>3.8%</b>	<b>10.7%</b>	<b>100%</b>	<b>236</b>	<b>67.4%</b>	<b>114.9%</b>	<b>100%</b>

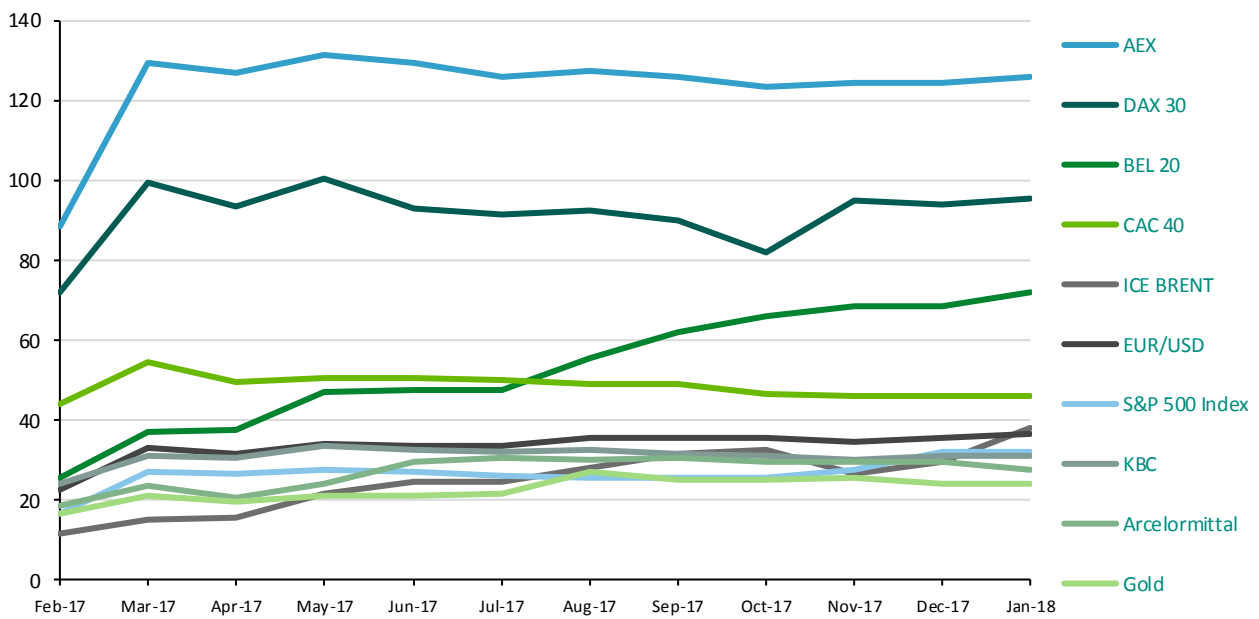
(Source Euronext)



# TOP 10 UNDERLYINGS

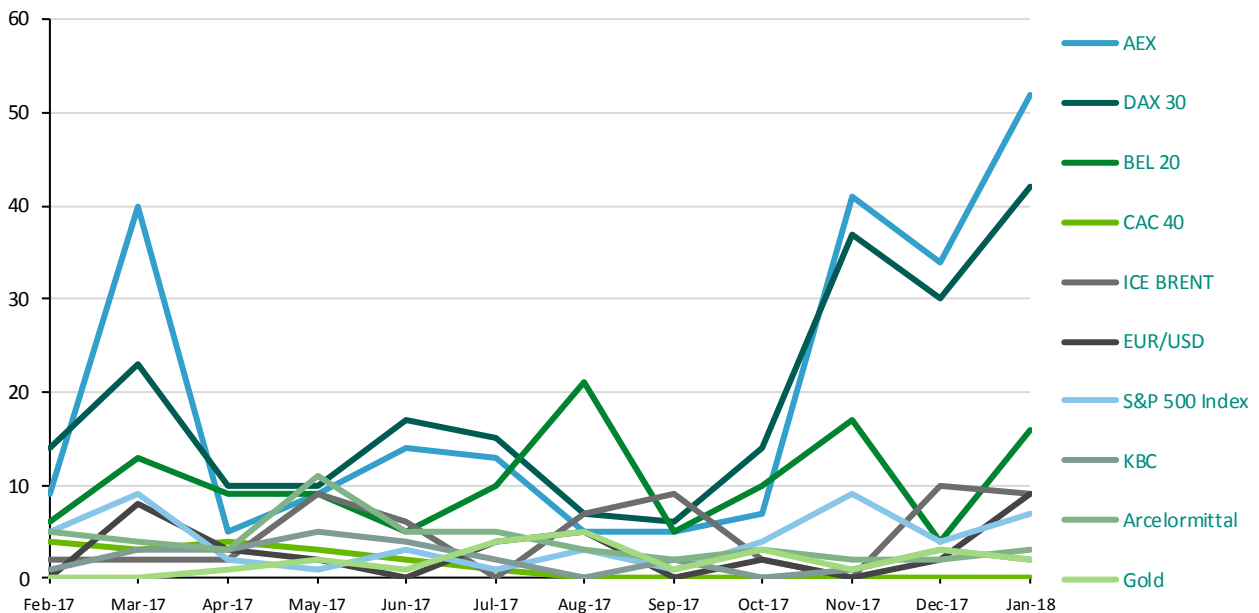
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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
DE000CE728Q5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	4,227	364
DE000CN1VG83	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	1,740	468
DE000CE72DC2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,475	146
DE000CE728F8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,340	168
DE000CE72AQ8	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	1,094	92
DE000CE728R3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	768	560
DE000CR0JW81	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	635	160
DE000CE72BF9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	509	160
DE000CE72DW0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	454	84
DE000CE72AE4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	444	118
DE000CN910H7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	438	120
DE000CE72CZ5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	428	50
DE000CE728M4	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	425	244
DE000CE72BW4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	408	136
DE000CE72BG7	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	397	258
DE000CE71R64	Commerzbank	2205	Open-End Knock-Out Warrants	Arcelormittal	358	6
DE000CE71XL3	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	355	24
DE000CE728L6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	333	70
DE000CR0JNP8	Commerzbank	2205	Open-End Knock-Out Warrants	EUR/USD	327	100
DE000CE72CV4	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	291	146
DE000CE71Y24	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	279	82
DE000CE72AN5	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	266	44
DE000CE72608	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	243	68
DE000CE727X3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	240	84
DE000CE72947	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	225	96
DE000CM8PEX6	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	217	82
DE000CE71ZS3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	207	30
DE000CE727S3	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	203	96
DE000CE72152	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	196	56
DE000CE71WH3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	195	10
DE000CN90V31	Commerzbank	2205	Open-End Knock-Out Warrants	Total	195	12
DE000CN90U08	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	195	42
DE000CN1UZV9	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	195	12
DE000CN913M1	Commerzbank	2205	Open-End Knock-Out Warrants	Solvay	192	74
DE000CN912P6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	181	130
DE000CE72AF1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	181	84
DE000CE72137	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	180	80
DE000CE71QT0	Commerzbank	2205	Open-End Knock-Out Warrants	EUR/USD	172	10
DE000CE71VX2	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	172	88
DE000CE726A3	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	171	96
DE000CN900N6	Commerzbank	2205	Open-End Knock-Out Warrants	Ontex Group Ord Shs	162	218
DE000CN1WFT1	Commerzbank	2205	Open-End Knock-Out Warrants	BNP Paribas	160	34
DE000CE72186	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	152	28
DE000CR0JRM6	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	151	70
DE000CE71Y32	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	150	138
DE000CN914Y4	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	140	40
DE000CE72C11	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	134	86
DE000CE72BX2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	128	96
DE000CN900K2	Commerzbank	2205	Open-End Knock-Out Warrants	Ontex Group Ord Shs	124	262
DE000CE72814	Commerzbank	2205	Open-End Knock-Out Warrants	EUR/USD	124	86

(Source Euronext)



Euronext Lisbon

# ISSUERS

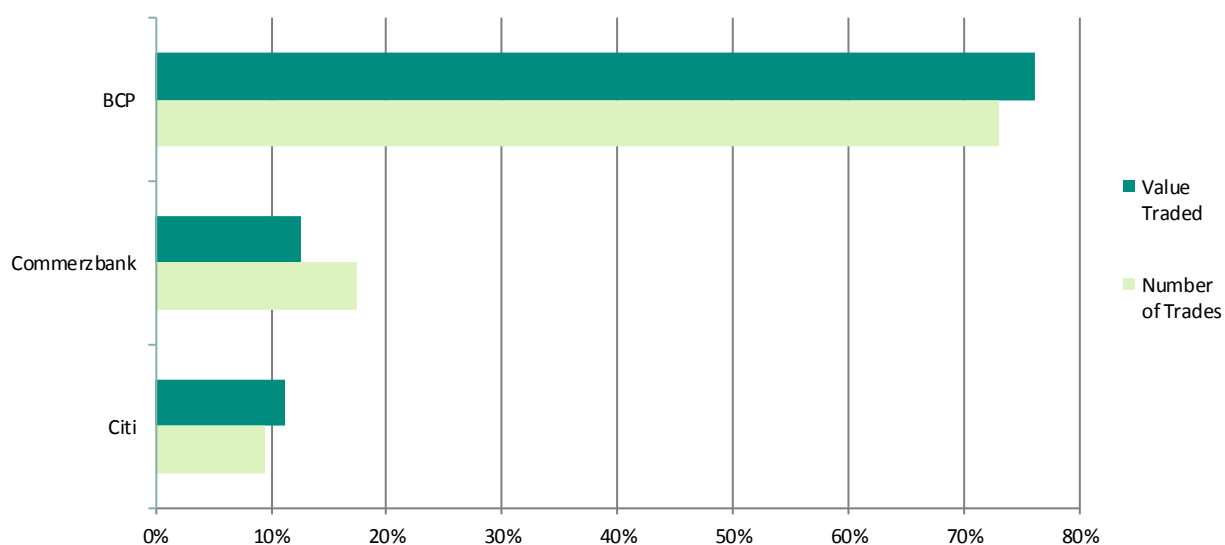
## Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	3,514	-13.0%	-0.7%	76.2%	366	4.6%	-1.6%	73.1%
Commerzbank	583	39%	15.6%	12.6%	87	-0.7%	-3.7%	17.5%
Citi	515	-48%	18.5%	11.2%	47	-33.0%	-24.6%	9.4%
Total	4,612	-15.5%	3.0%	100%	500	-1.5%	-4.7%	100%

(Source Euronext)

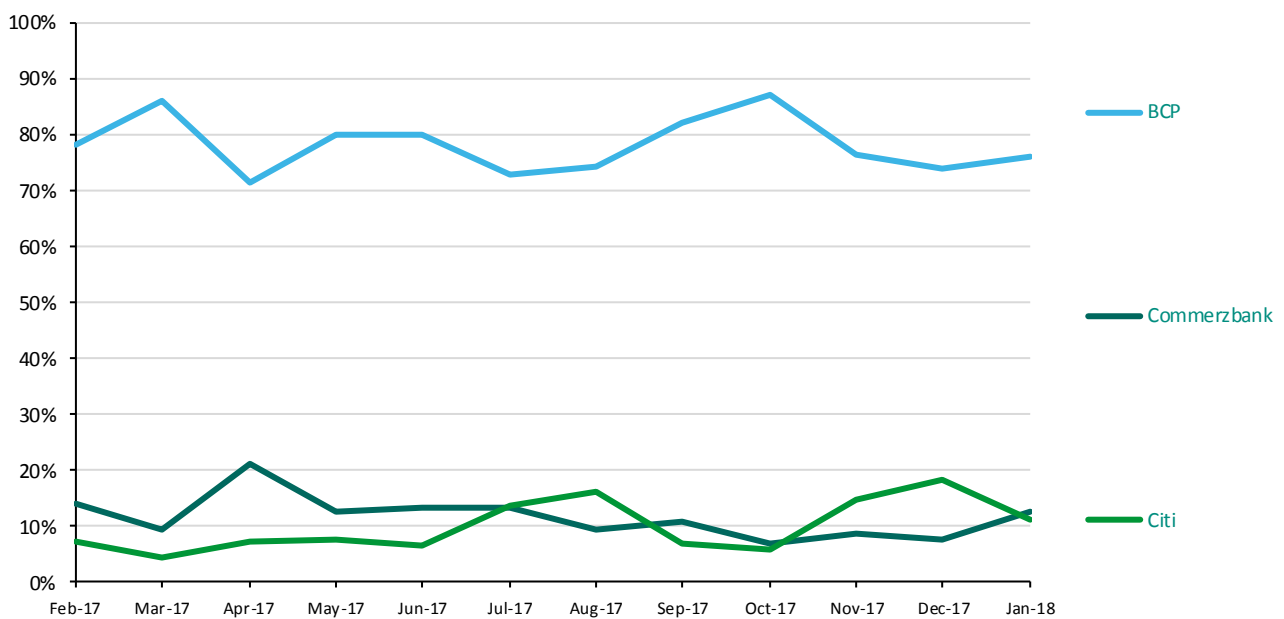




# ISSUERS

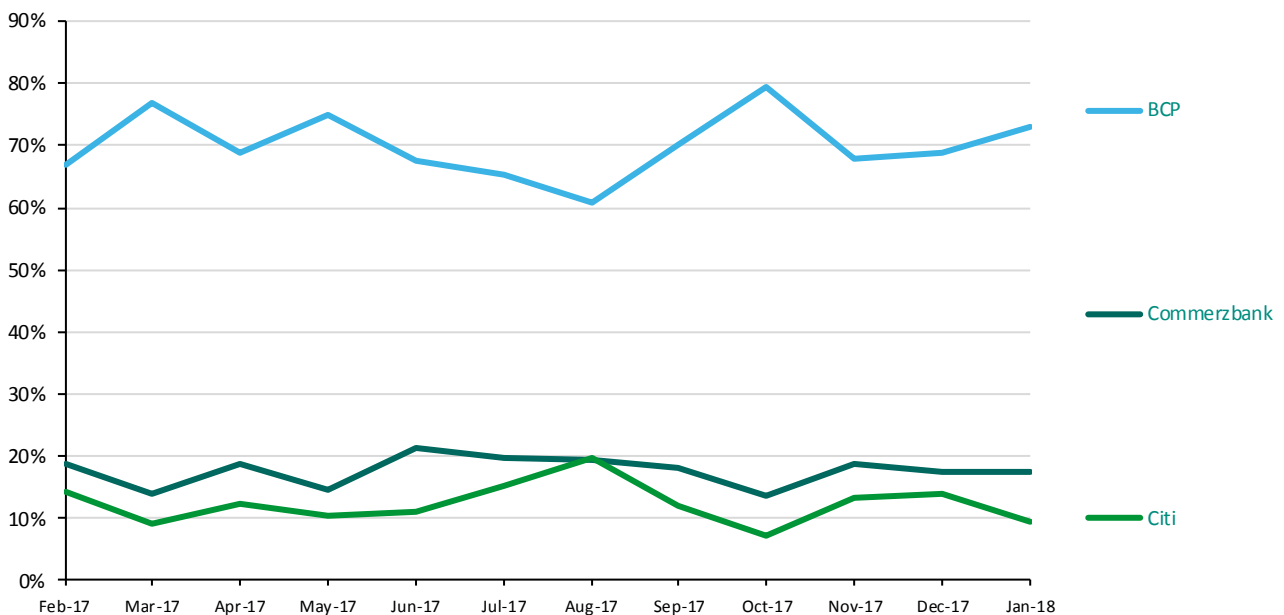
## Market Trend: Value traded

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

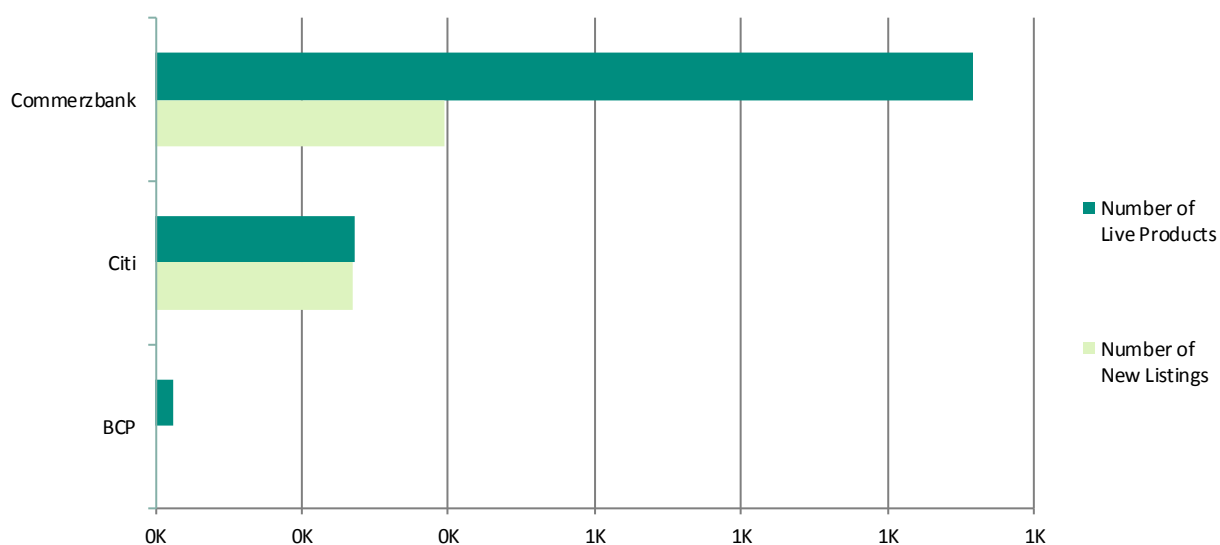
## Product Overview

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	1,118	-1.0%	-15.5%	79.2%	394	172%	61%	59.4%
Citi	271	2.8%	-16.7%	19.2%	269	268%	152%	40.6%
BCP	23	-8.0%	1.2%	1.6%	0	-100%	-100%	0.0%
Total	1,412	-0.4%	-15.5%	100%	663	198.6%	88.7%	100%

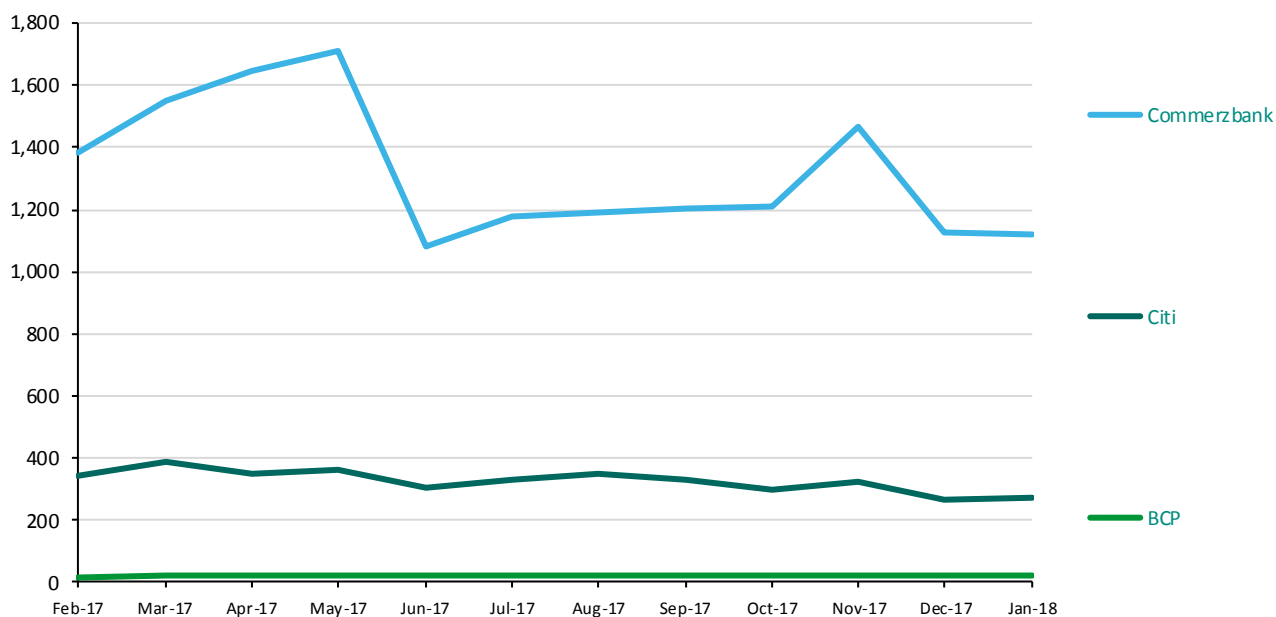
(Source Euronext)



# ISSUERS

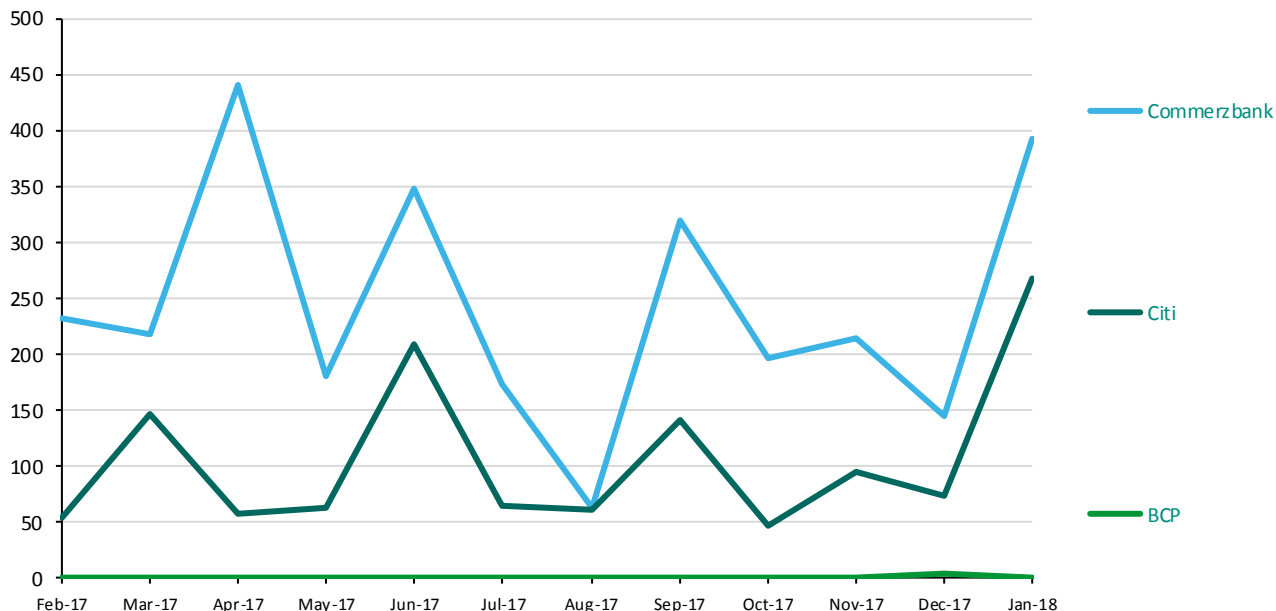
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

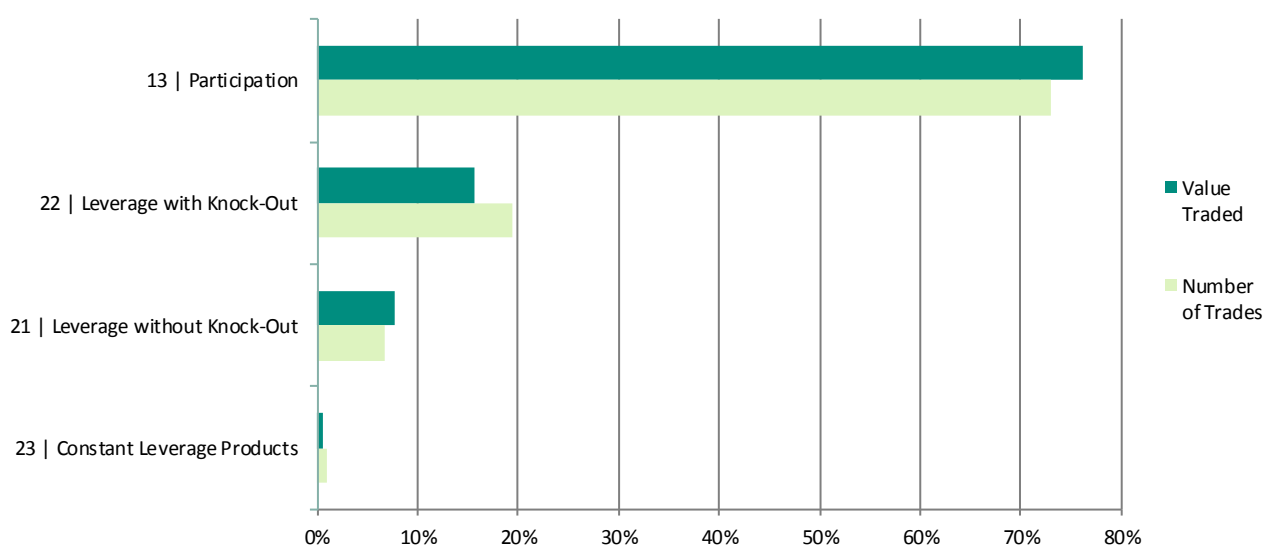
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
13   Participation	3,514	-13.0%	-0.7%	76.2%	366	4.6%	-1.6%	73.1%
22   Leverage with Knock-Out	717	-46%	-4.5%	15.5%	97	-23%	-16.7%	19.4%
21   Leverage without Knock-Out	354	299%	170%	7.7%	33	13.3%	9.6%	6.6%
23   Constant Leverage Products	27	199%	-52%	0.6%	4.5	30%	-32%	0.9%
<b>Total</b>	<b>4,612</b>	<b>-15.5%</b>	<b>3.0%</b>	<b>100%</b>	<b>500</b>	<b>-1.5%</b>	<b>-4.7%</b>	<b>100%</b>

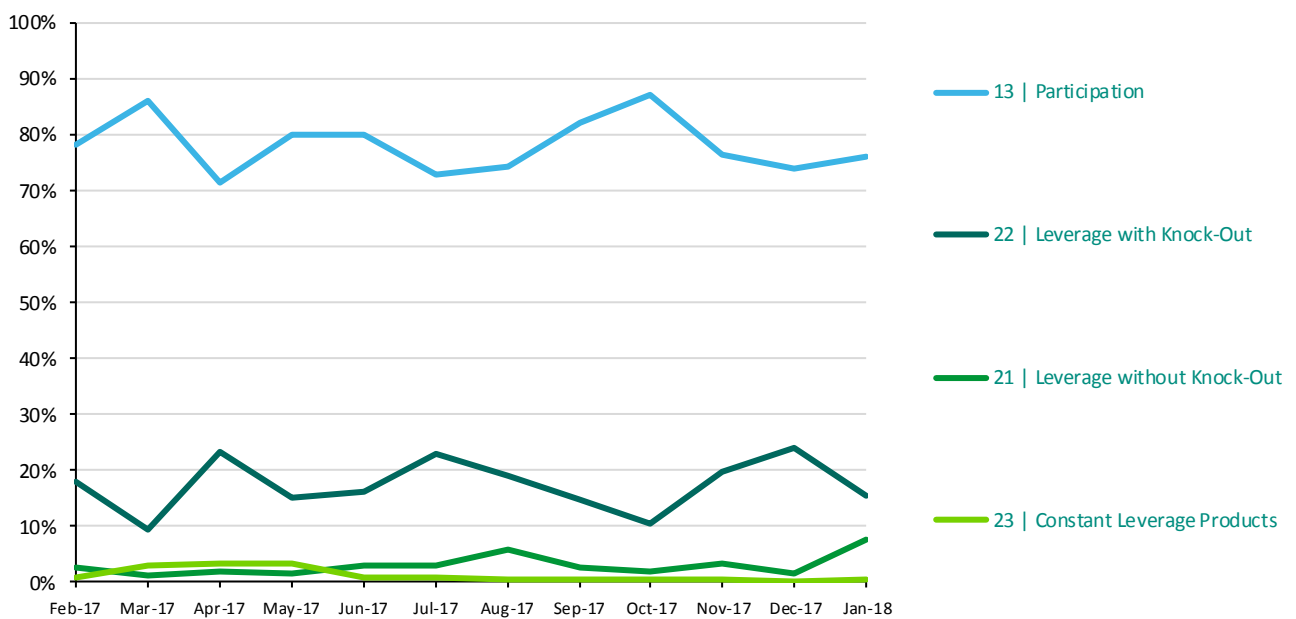
(Source Euronext)



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

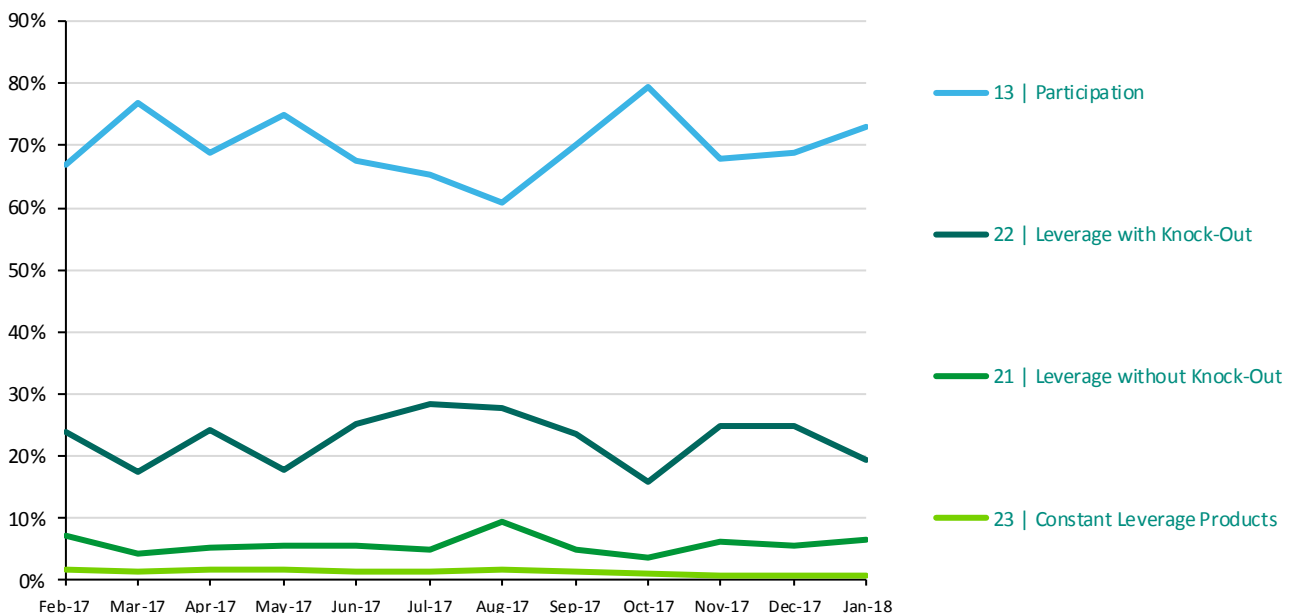
## Market Trend: Value traded

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)

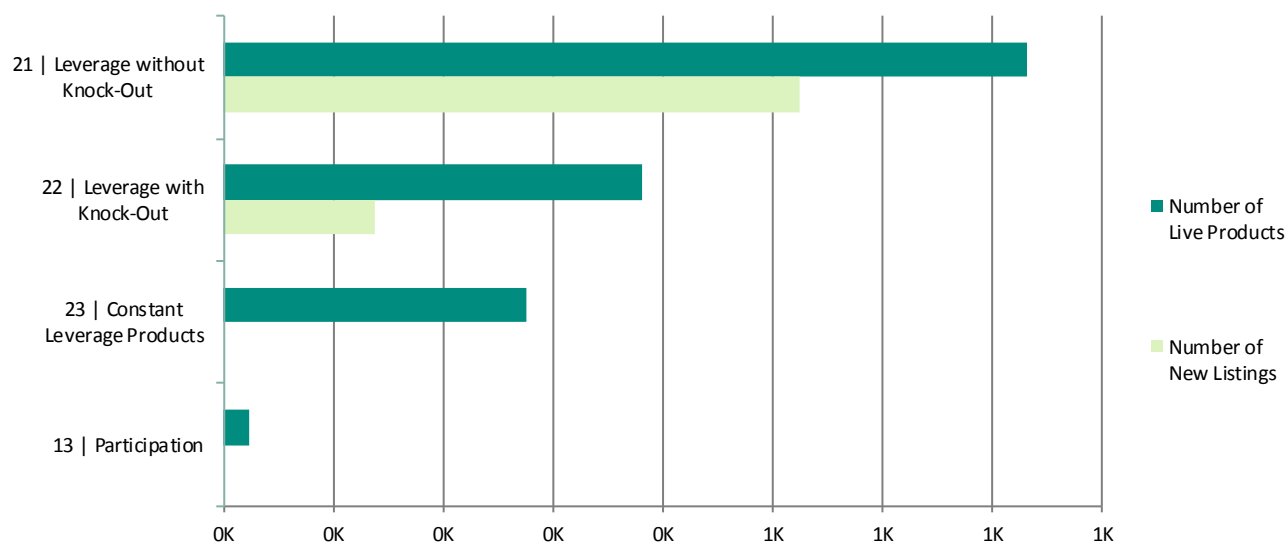
## Product Overview

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	732	10.0%	-17.1%	51.8%	525	NA	251%	79.2%
22   Leverage with Knock-Out	381	-15.2%	-22%	27.0%	138	-25%	-31%	20.8%
23   Constant Leverage Products	276	-0.6%	0.5%	19.6%	0		-100%	0.0%
13   Participation	23	-8.0%	1.2%	1.6%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,412</b>	<b>-0.4%</b>	<b>-15.5%</b>	<b>100%</b>	<b>663</b>	<b>198.6%</b>	<b>88.7%</b>	<b>100%</b>

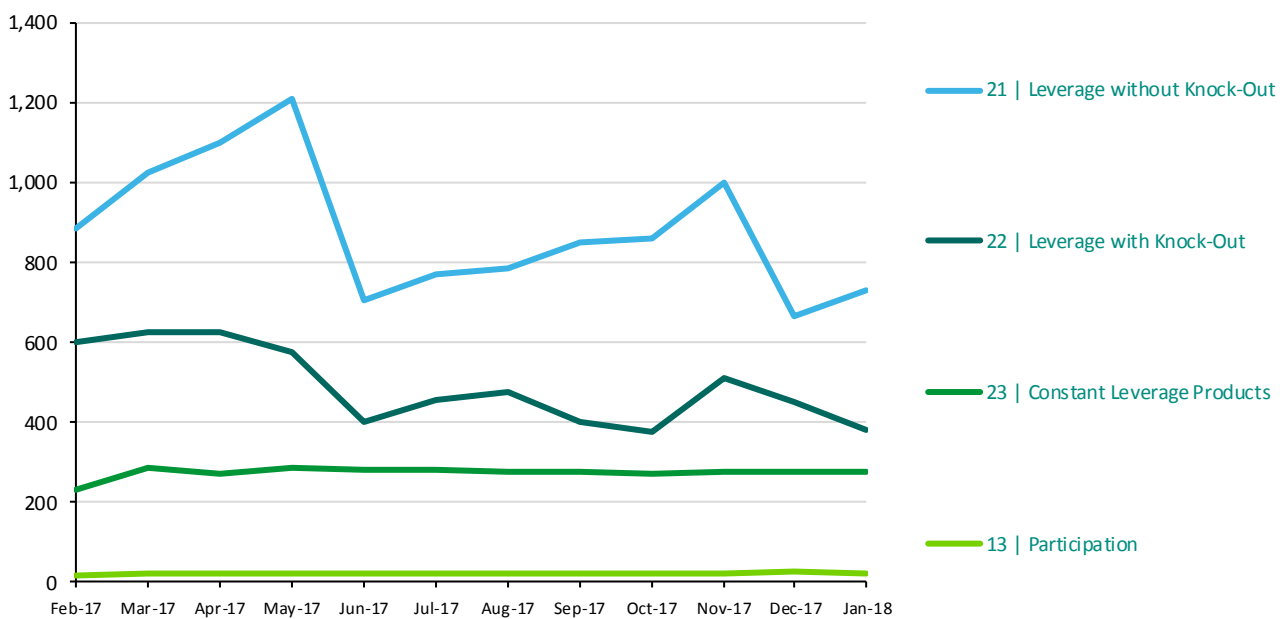
(Source Euronext)



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

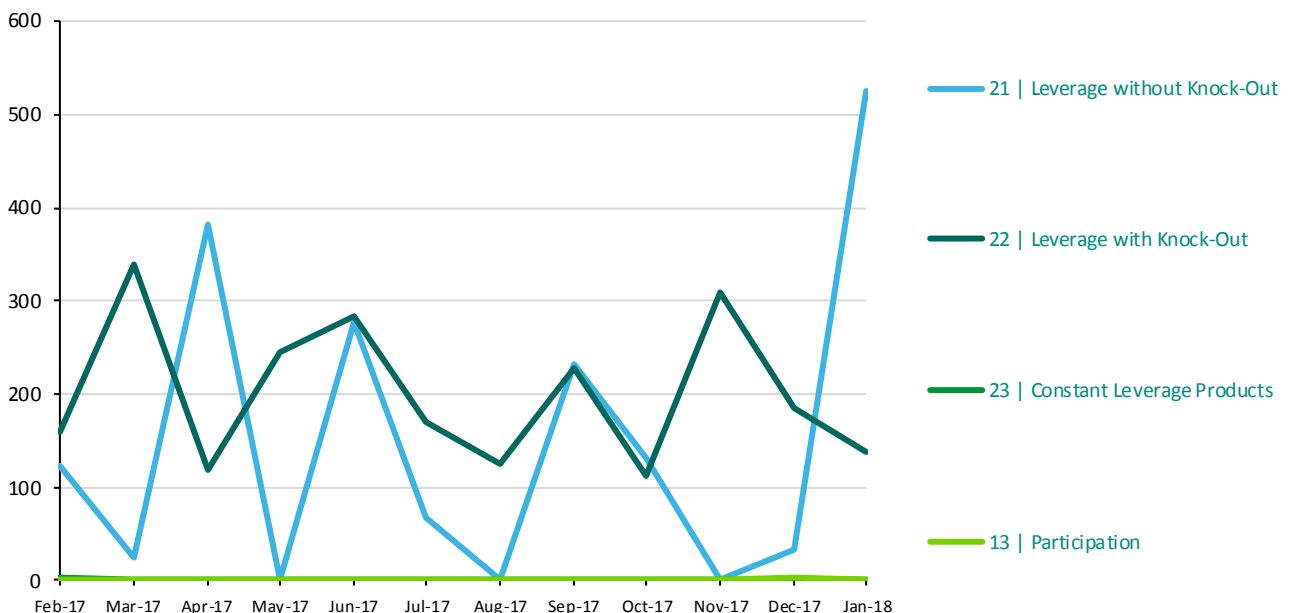
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

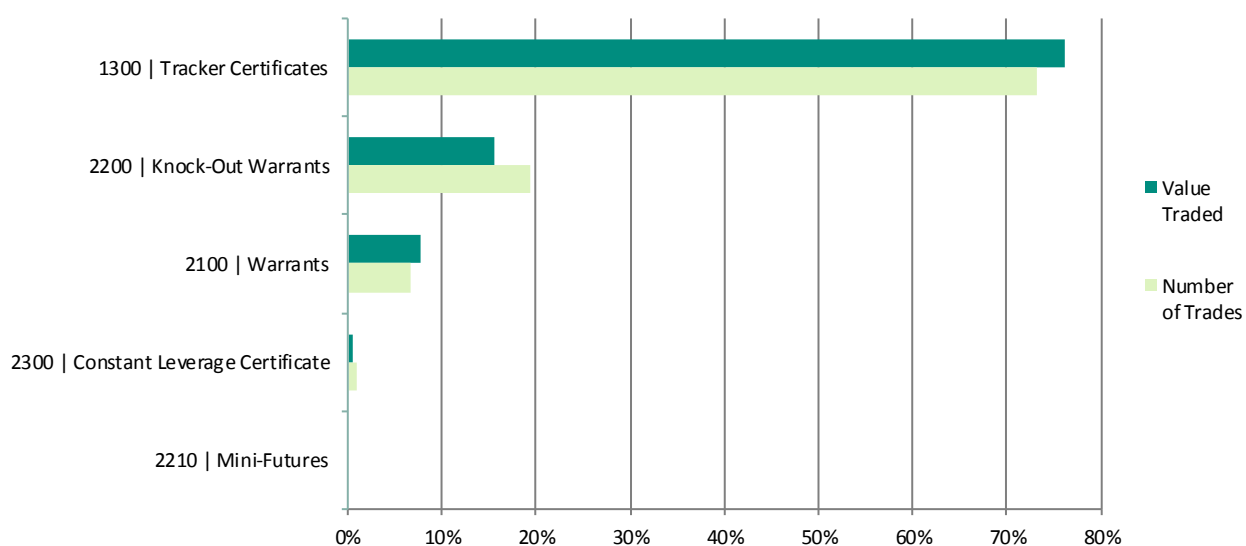
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
1300   Tracker Certificates	3,514	-13.0%	-0.7%	76.2%	366	4.6%	-1.6%	73.1%
2200   Knock-Out Warrants	717	-46%	-4.5%	15.5%	97	-23%	-16.6%	19.4%
2100   Warrants	354	299%	170%	7.7%	33	13.3%	9.6%	6.6%
2300   Constant Leverage Certificate	27	199%	-52%	0.6%	4.5	30%	-32%	0.9%
2210   Mini-Futures	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>4,612</b>	<b>-15.5%</b>	<b>3.0%</b>	<b>100%</b>	<b>500</b>	<b>-1.5%</b>	<b>-4.7%</b>	<b>100%</b>

(Source Euronext)

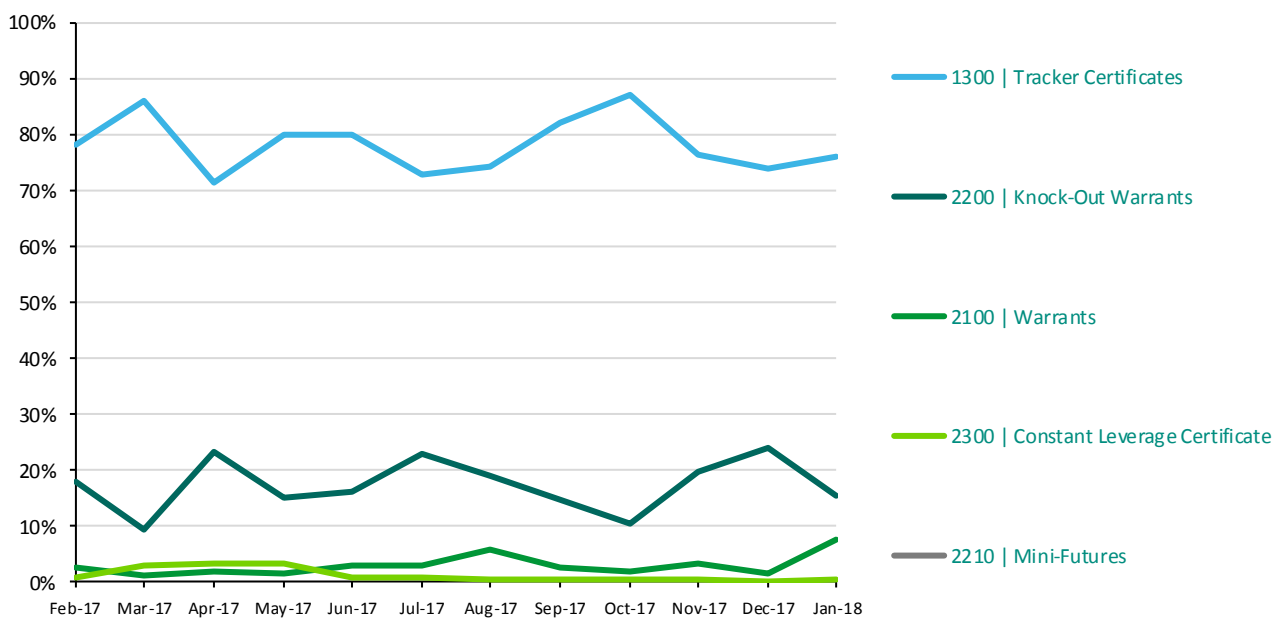




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

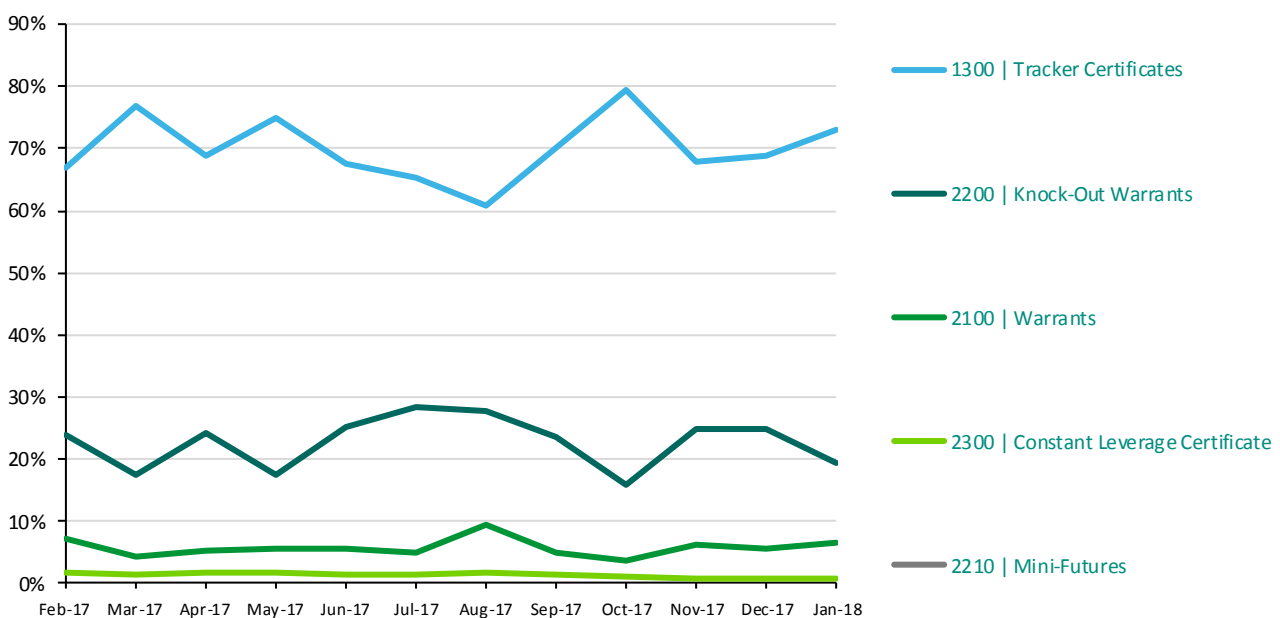
## Market Trend: Value traded

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)

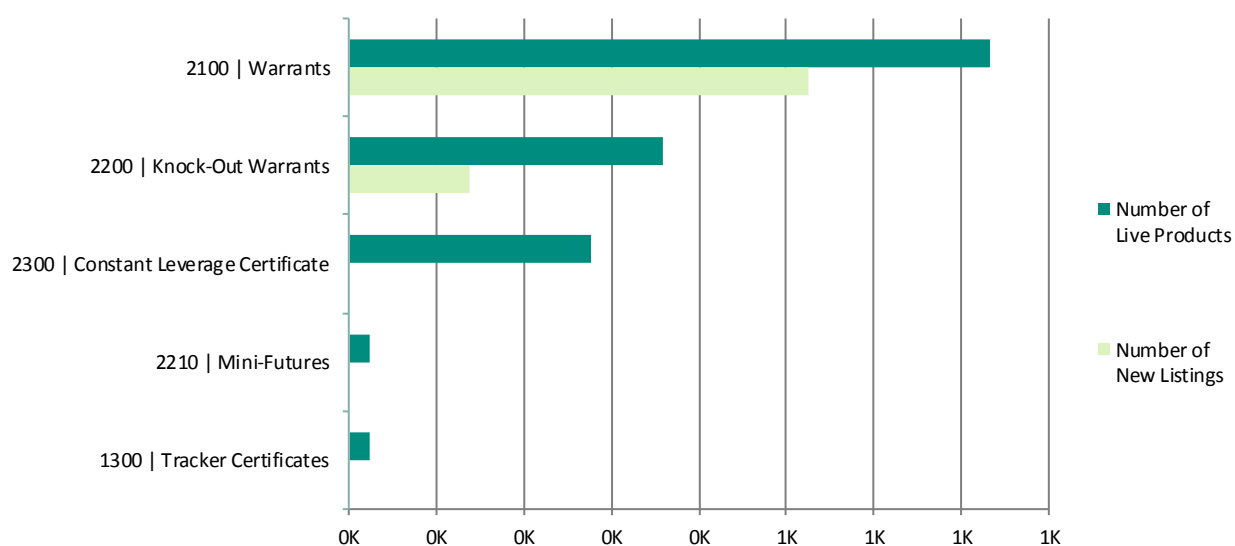
## Product Overview

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	732	10.0%	-17.1%	51.8%	525	NA	251%	79.2%
2200   Knock-Out Warrants	358	-16.1%	-19.9%	25.3%	138	-25%	-31%	20.8%
2300   Constant Leverage Certificate	276	-0.6%	0.5%	19.6%	0		-100%	0.0%
2210   Mini-Futures	23	0.0%	-48%	1.6%	0			0.0%
1300   Tracker Certificates	23	-8.0%	1.2%	1.6%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,412</b>	<b>-0.4%</b>	<b>-15.5%</b>	<b>100%</b>	<b>663</b>	<b>198.6%</b>	<b>88.7%</b>	<b>100%</b>

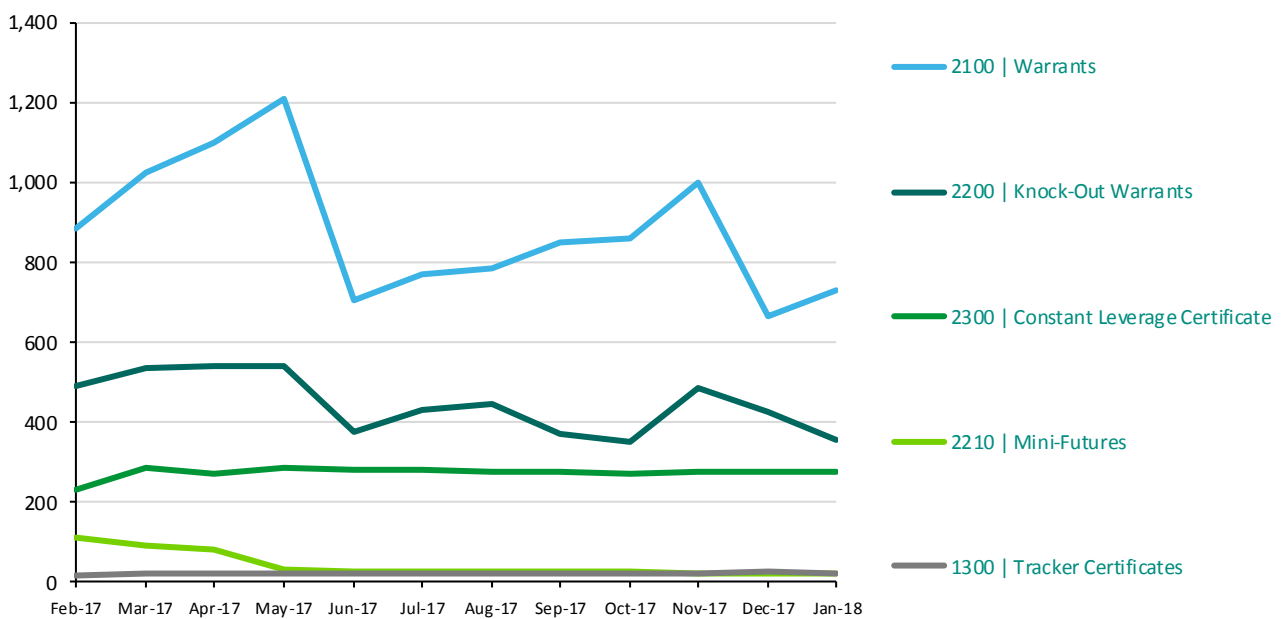
(Source Euronext)



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

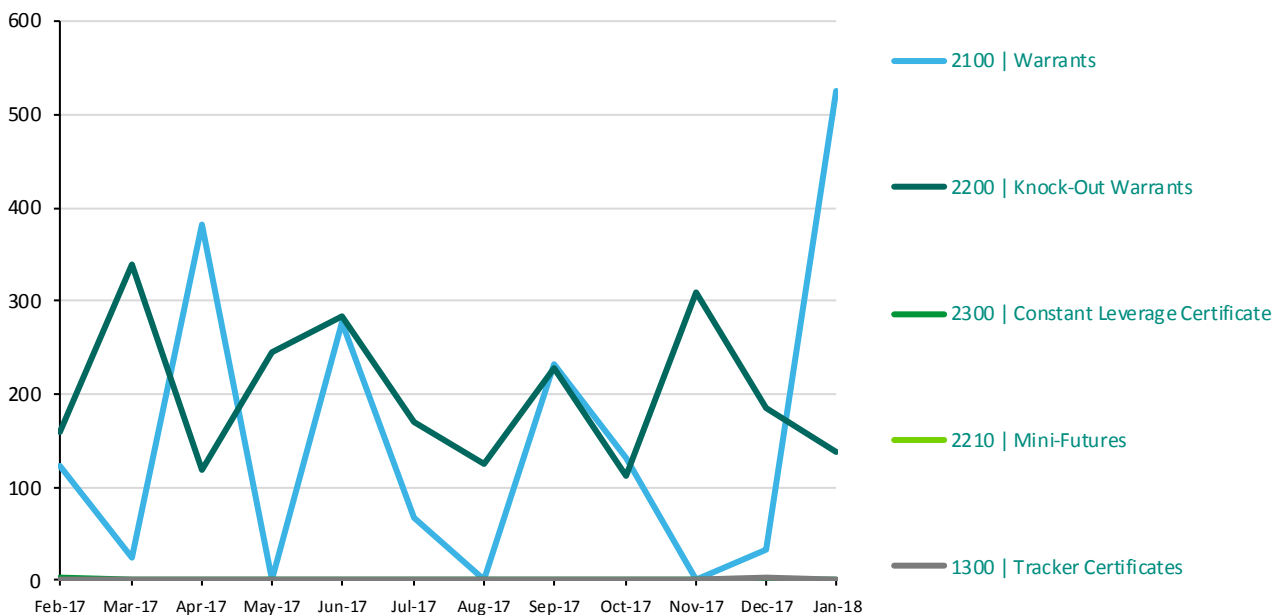
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

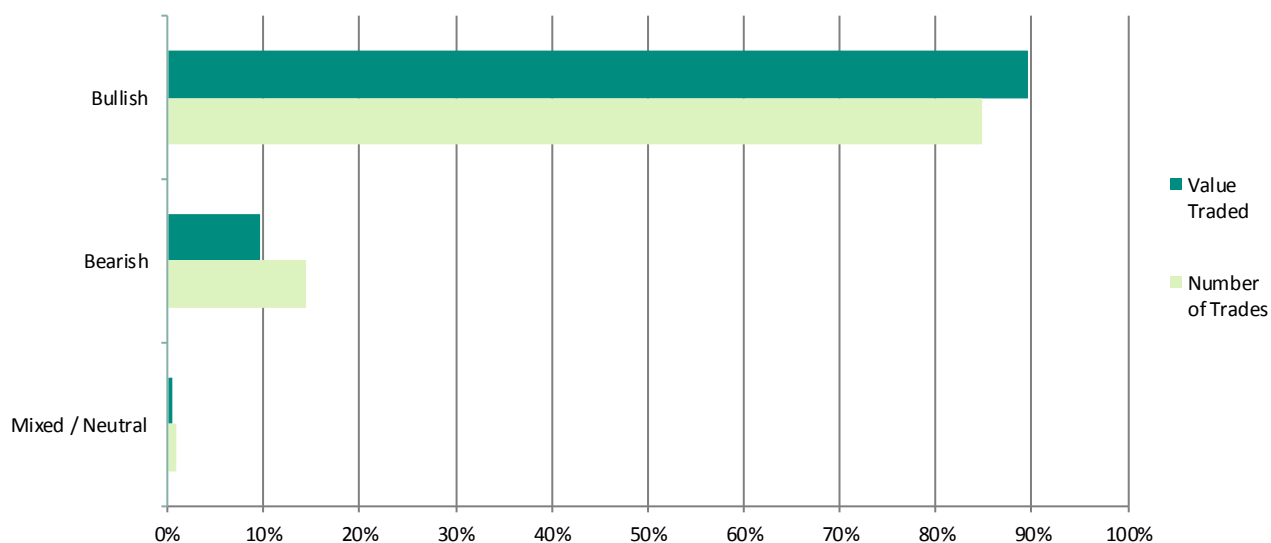
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	4,136	-10.8%	5.0%	89.7%	424	-1.6%	-3.4%	84.8%
Bearish	449	-44%	-7.1%	9.7%	72	-2.6%	-9.5%	14.3%
Mixed / Neutral	27	200%	-52%	0.6%	4.3	32%	-31%	0.9%
Total	4,612	-15.5%	3.0%	100%	500	-1.5%	-4.7%	100%

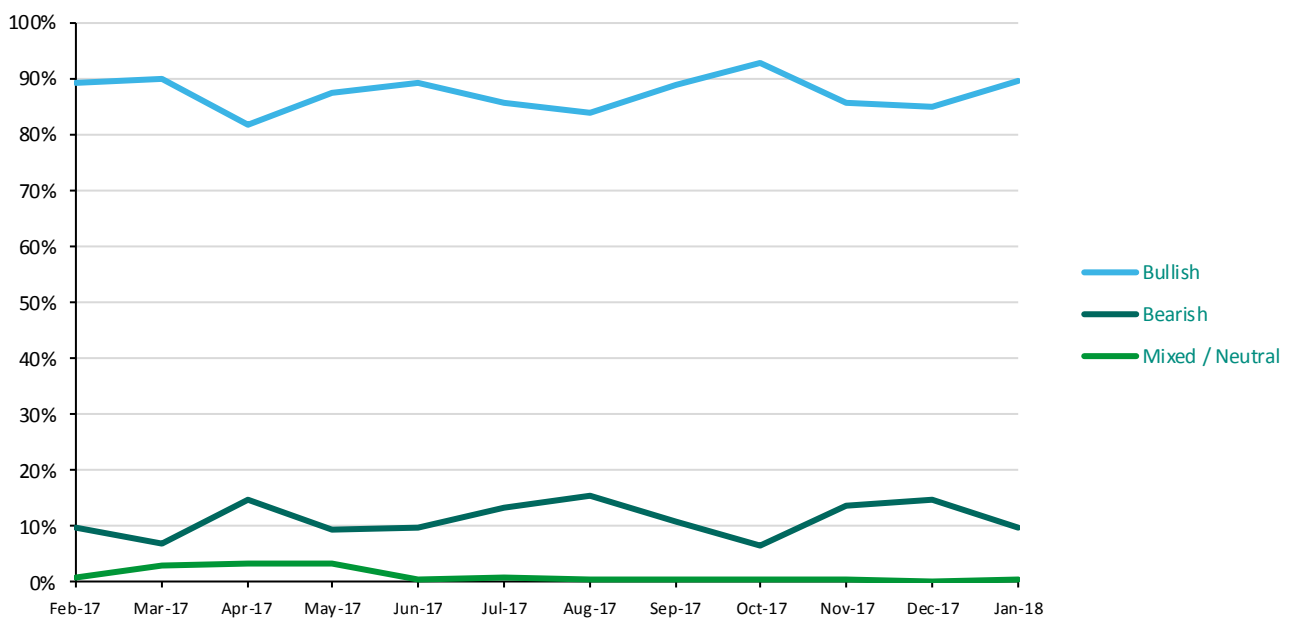
(Source Euronext)



# PRODUCT STRATEGIES

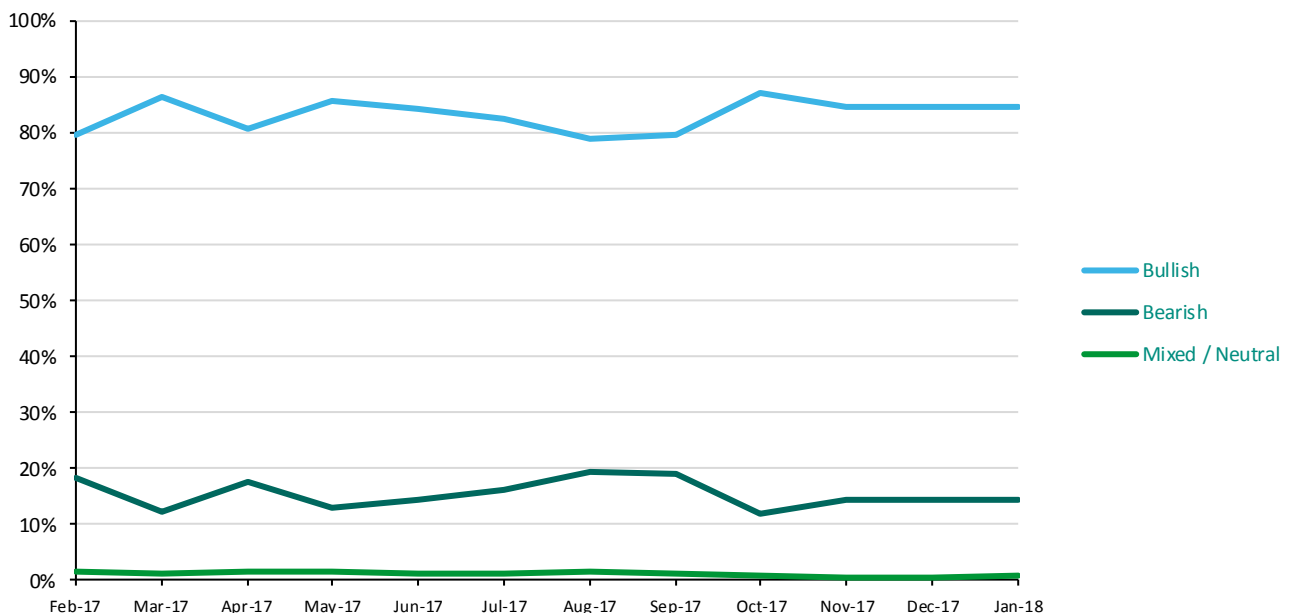
## Market Trend: Value traded

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

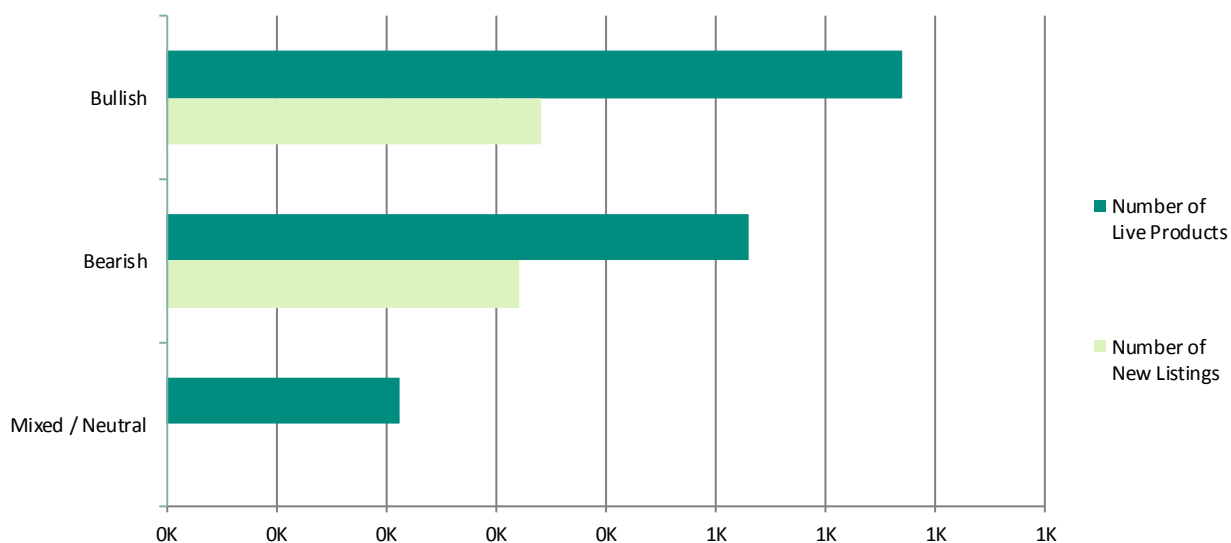
## Product Overview

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	670	1.8%	-14.7%	47.4%	342	171%	96%	51.6%
Bearish	531	-3.1%	-22%	37.6%	321	234%	82%	48.4%
Mixed / Neutral	212	-0.2%	1.9%	15.0%	0		-100%	0.0%
<b>Total</b>	<b>1,412</b>	<b>-0.4%</b>	<b>-15.5%</b>	<b>100%</b>	<b>663</b>	<b>198.6%</b>	<b>88.7%</b>	<b>100%</b>

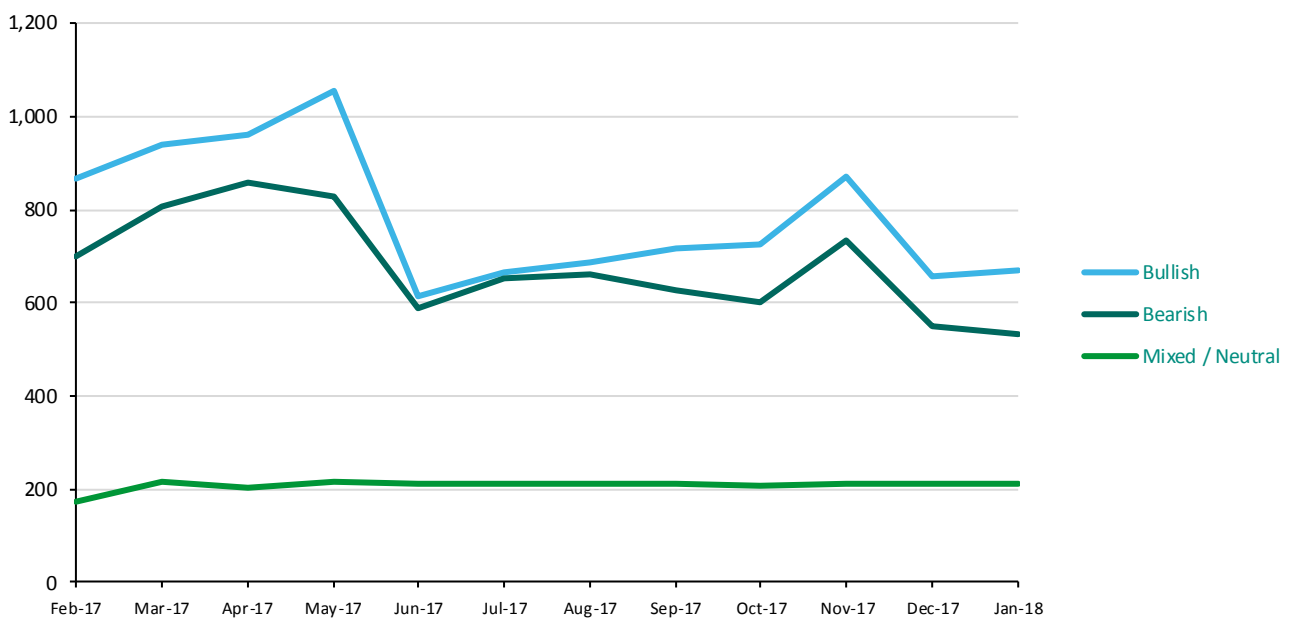
(Source Euronext)



# PRODUCT STRATEGIES

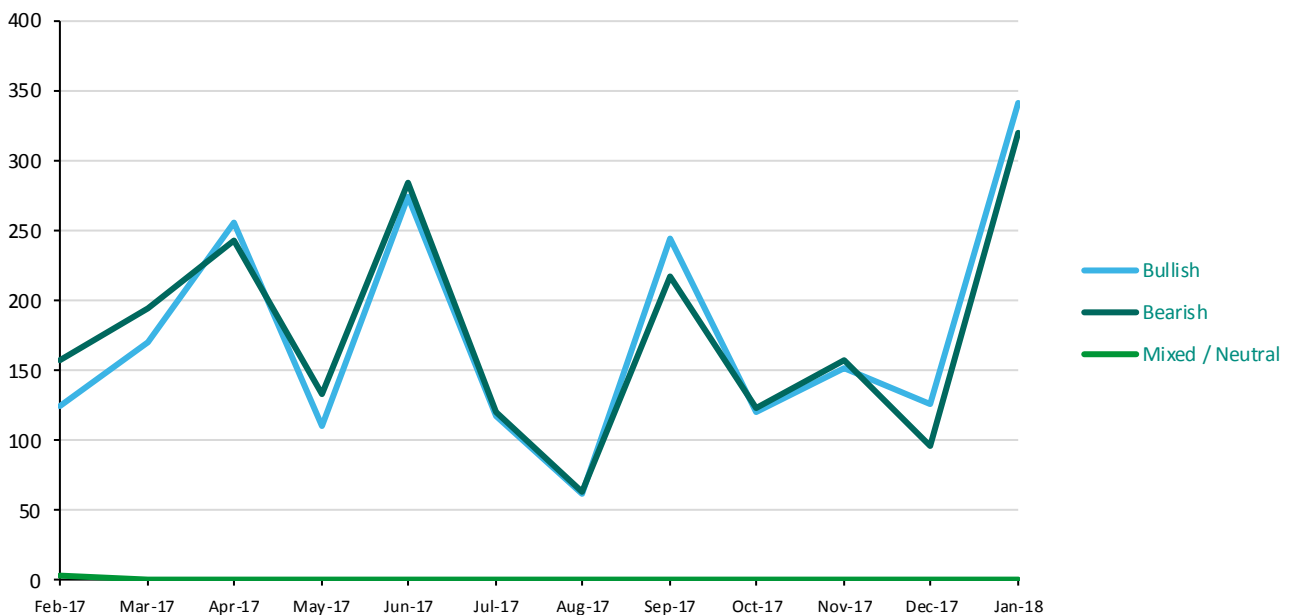
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



## UNDERLYING TYPES

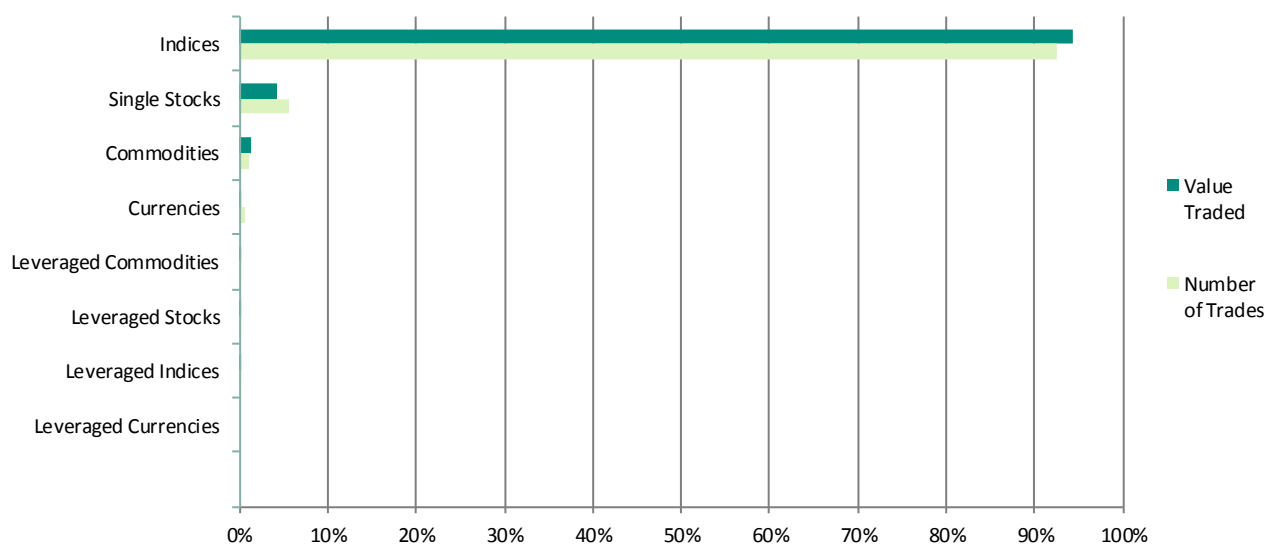
### Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	4,348	-15.8%	2.9%	94.3%	463	-1.0%	-4.0%	92.5%
Single Stocks	195	23%	11.2%	4.2%	28	11.8%	-1.5%	5.6%
Commodities	60	-53%	-18.4%	1.3%	5.8	-58%	-50%	1.2%
Currencies	9	185%	63%	0.2%	3.3	141%	36%	0.7%
Leveraged Commodities	0		138%	0.0%	0.1		218%	0.0%
Leveraged Stocks	0	-81%	-96%	0.0%	0.1	-45%	-38%	0.0%
Leveraged Indices	0	2.9%	-89%	0.0%	0.0	-17.4%	-81%	0.0%
Leveraged Currencies	0		-100%	0.0%	0.0		-100%	0.0%
	0			0.0%	0.0			0.0%
<b>Total</b>	<b>4,612</b>	<b>-15.5%</b>	<b>3.0%</b>	<b>100%</b>	<b>500</b>	<b>-1.5%</b>	<b>-4.7%</b>	<b>100%</b>

(Source Euronext)

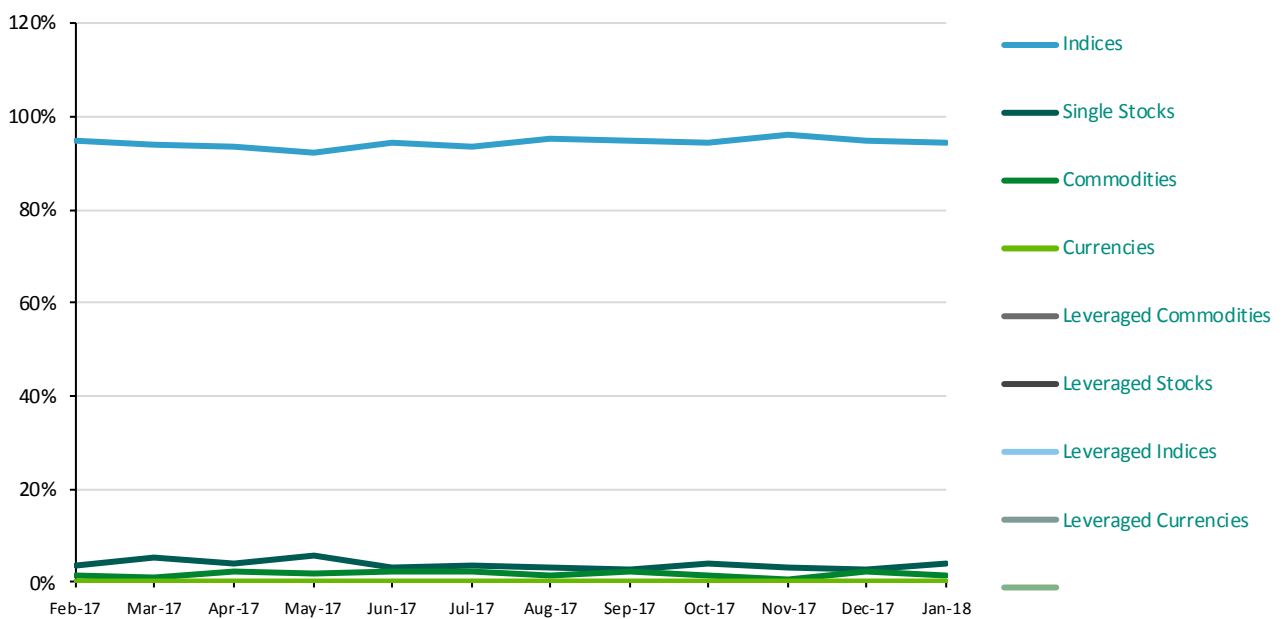




# UNDERLYING TYPES

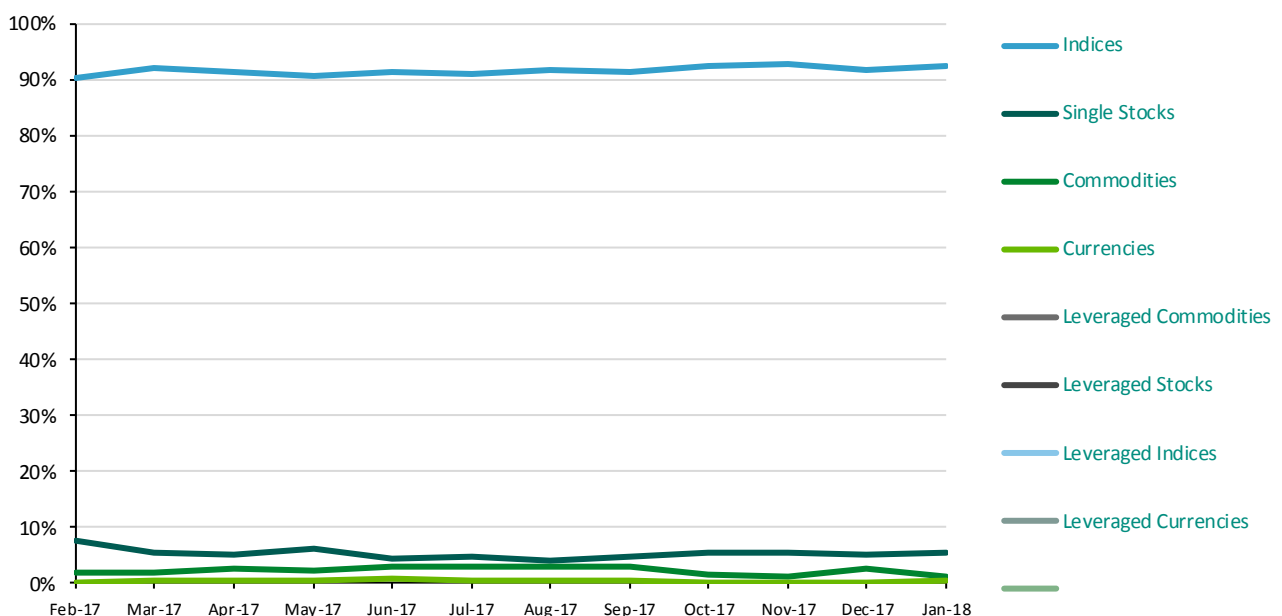
## Market Trend: Value traded

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

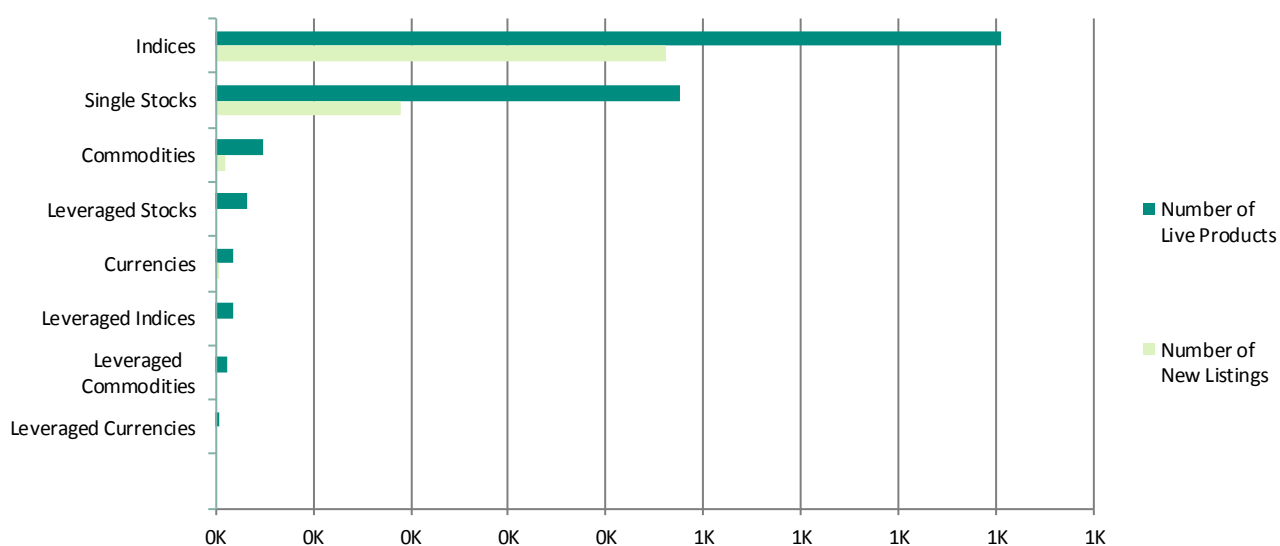
### Product Overview

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	806	1.3%	-8.7%	57.1%	461	179%	85%	69.5%
Single Stocks	476	-0.2%	-25%	33.7%	189	320%	119%	28.5%
Commodities	48	2.9%	-10.0%	3.4%	9	50%	26%	1.4%
Leveraged Stocks	32	-2.6%	-5.7%	2.3%	0			0.0%
Currencies	18	-42%	-28%	1.2%	4	-33%	-47%	0.6%
Leveraged Indices	17	-0.5%	-0.4%	1.2%	0			0.0%
Leveraged Commodities	13	-2.8%	3.0%	0.9%	0			0.0%
Leveraged Currencies	3	0.0%	-10.6%	0.2%	0			0.0%
	0			0.0%	0			0.0%
<b>Total</b>	<b>1,412</b>	<b>-0.4%</b>	<b>-15.5%</b>	<b>100%</b>	<b>663</b>	<b>198.6%</b>	<b>88.7%</b>	<b>100%</b>

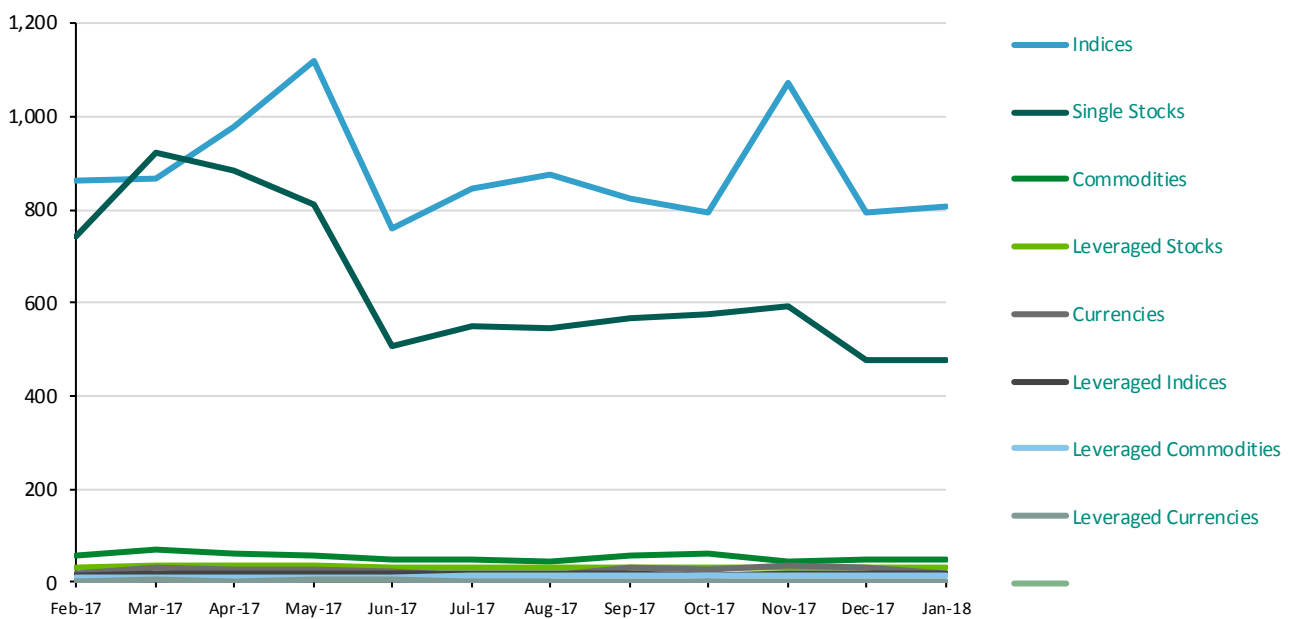
(Source Euronext)



# UNDERLYING TYPES

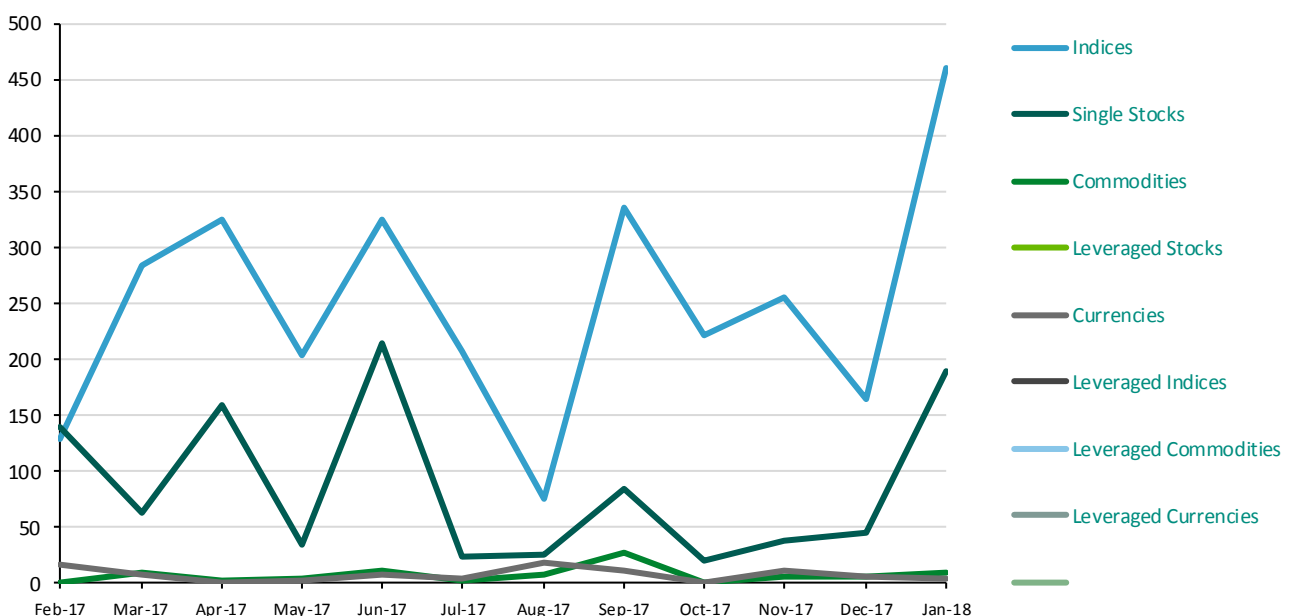
## Product Trend: Number of Live Products

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

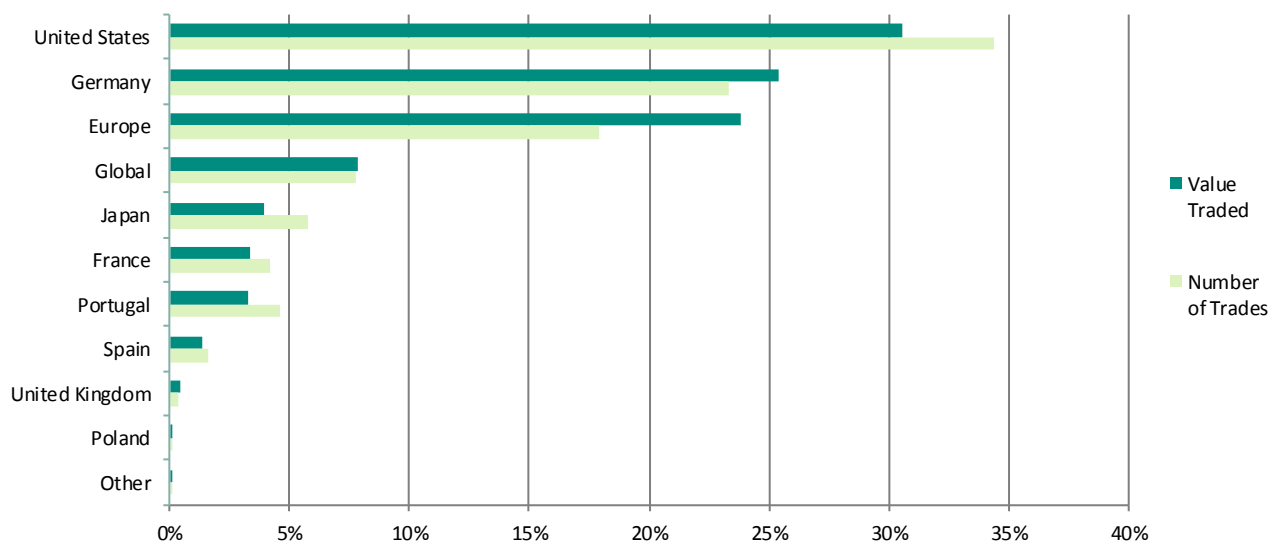
## Market Overview

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	1,409	-6.5%	13.8%	30.5%	172	9.0%	13.3%	34.4%
Germany	1,174	-25%	14.2%	25.5%	117	-16.1%	-14.7%	23.3%
Europe	1,100	-22%	-0.5%	23.9%	90	-4.0%	-8.6%	17.9%
Global	360	-12.1%	-42%	7.8%	39	-7.8%	-39%	7.8%
Japan	181	-1.7%	53%	3.9%	29	12.4%	52%	5.7%
France	152	3.7%	-0.3%	3.3%	21	19.0%	7.2%	4.1%
Portugal	150	2.7%	25%	3.3%	23	3.9%	9.5%	4.6%
Spain	62	10.5%	-17.2%	1.3%	8.0	-2.6%	-32%	1.6%
United Kingdom	20	6.8%	14.8%	0.4%	1.8	30%	-12.4%	0.4%
Poland	3	-72%		0.1%	0.5	-17.4%		0.1%
Other	0	29%	-100%	0.0%	0.1	-45%	-85%	0.0%
<b>Total</b>	<b>4,612</b>	<b>-15.5%</b>	<b>3.0%</b>	<b>100%</b>	<b>500</b>	<b>-1.5%</b>	<b>-4.7%</b>	<b>100%</b>

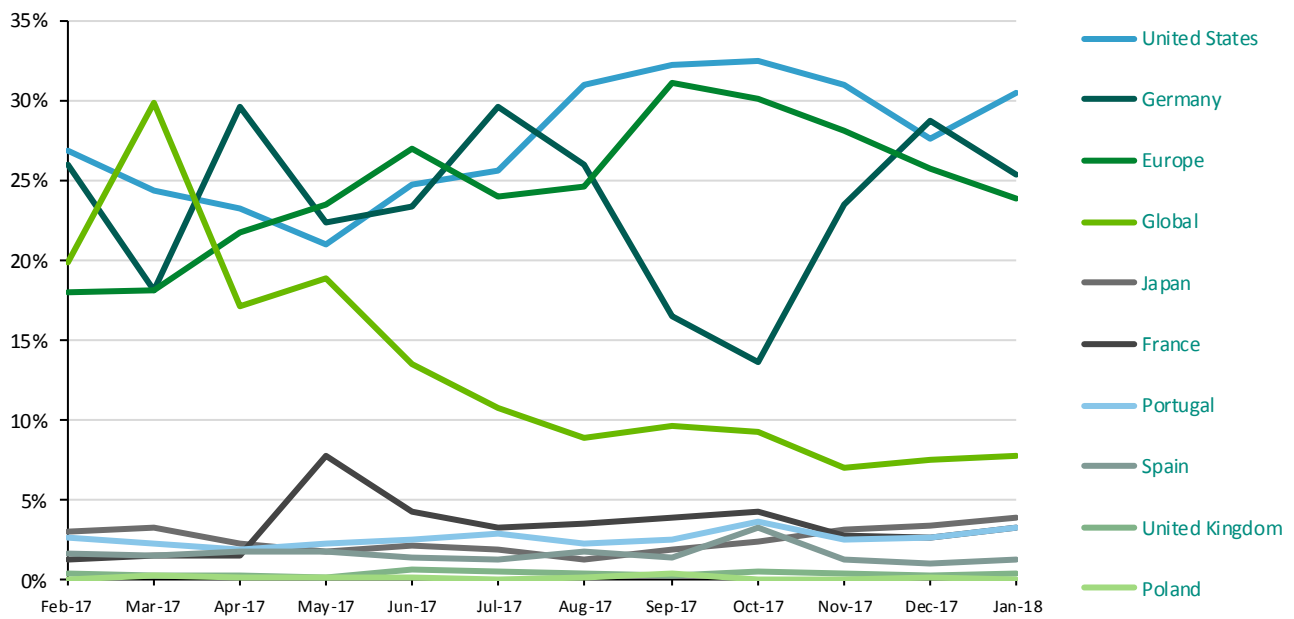
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

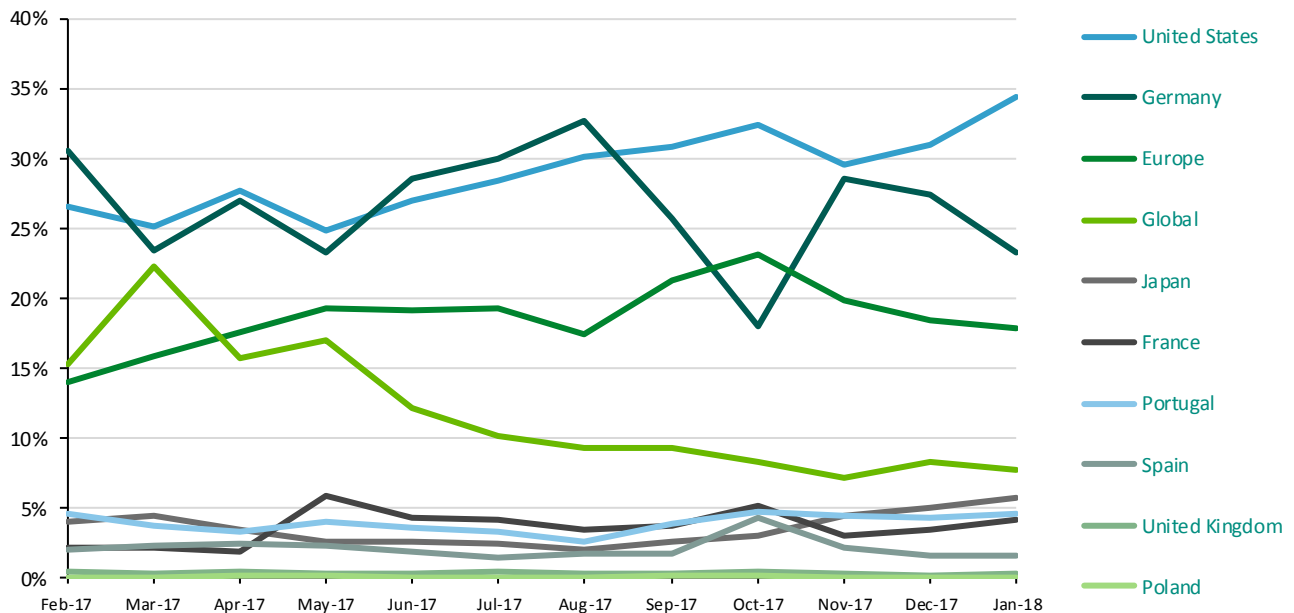
## Market Trend: Value traded

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

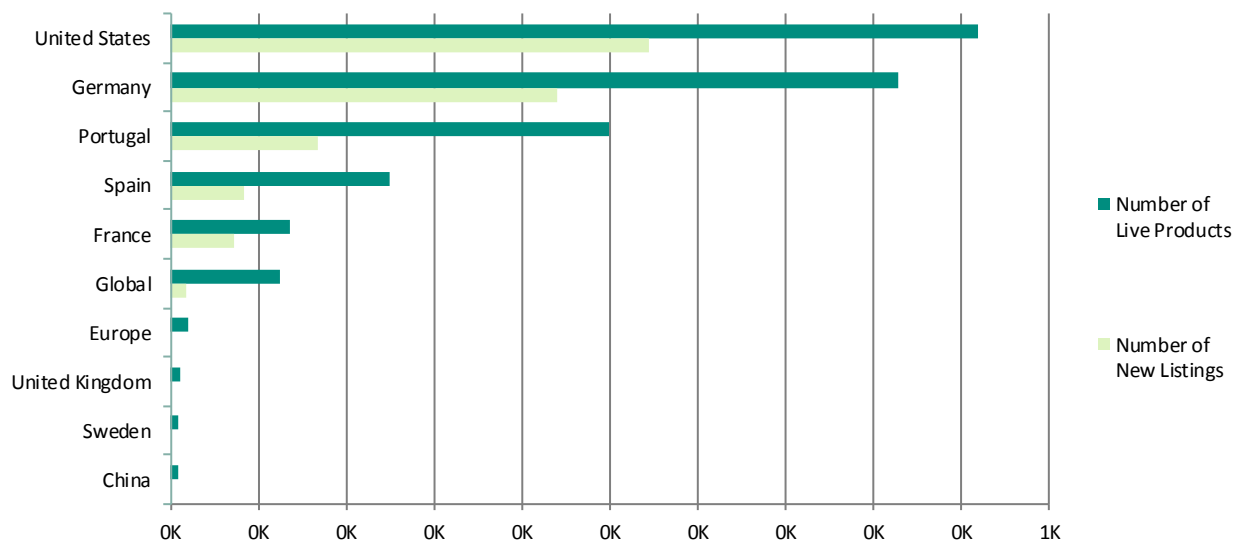
## Product Overview

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	460	-6.1%	-15.9%	32.6%	272	263%	105%	41.0%
Germany	414	5.1%	-17.4%	29.3%	220	228%	93%	33.2%
Portugal	250	4.9%	-8.0%	17.7%	84	87%	126%	12.7%
Spain	125	-10.4%	-19.1%	8.8%	42	62%	5.4%	6.3%
France	68	15.3%	-13.9%	4.8%	36	NA	116%	5.4%
Global	62	1.6%	-7.9%	4.4%	9	50%	26%	1.4%
Europe	10	-21%	-63%	0.7%	0		-100%	0.0%
United Kingdom	5	-0.9%	-6.7%	0.4%	0			0.0%
Sweden	4	0.0%	2.2%	0.3%	0			0.0%
China	4	0.0%	2.2%	0.3%	0			0.0%
Other	11	-0.4%	0.6%	0.8%	0			0.0%
<b>Total</b>	<b>1,412</b>	<b>-0.4%</b>	<b>-15.5%</b>	<b>100%</b>	<b>663</b>	<b>198.6%</b>	<b>88.7%</b>	<b>100%</b>

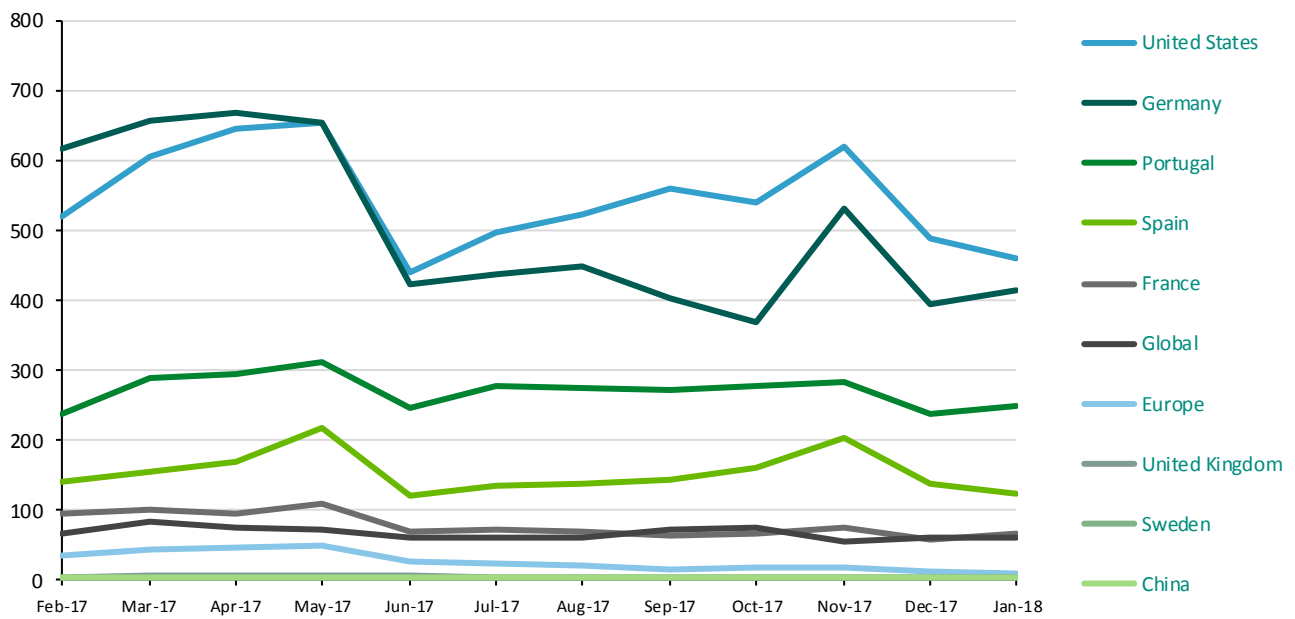
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

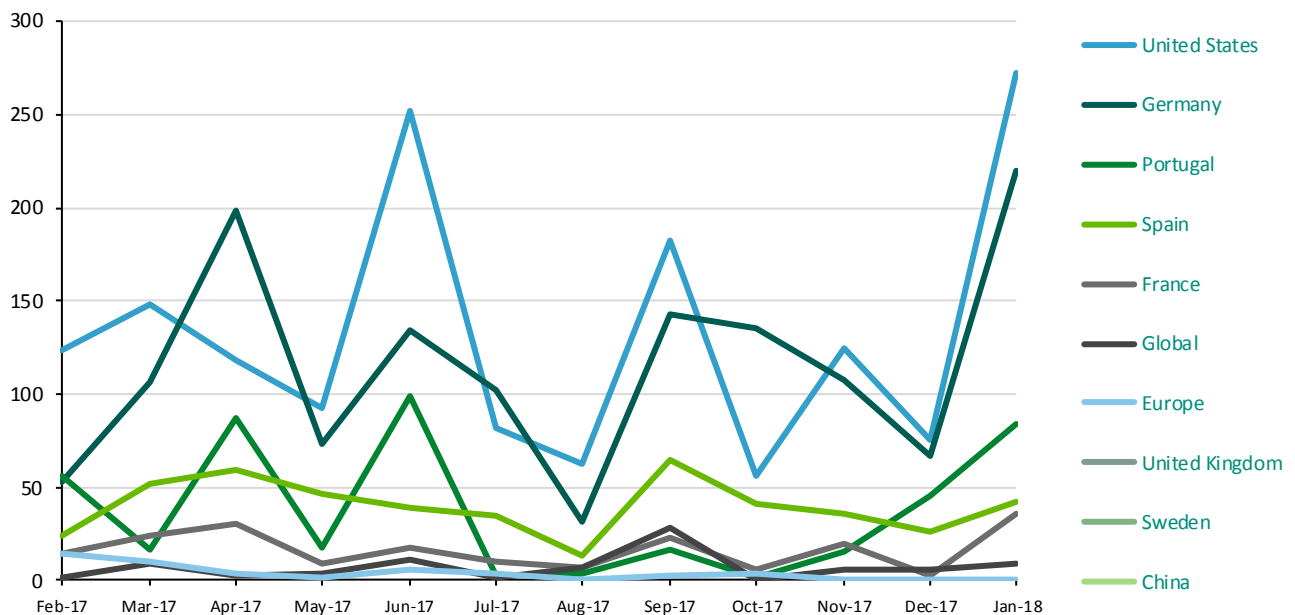
## Product Trend: Number of Live Products

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

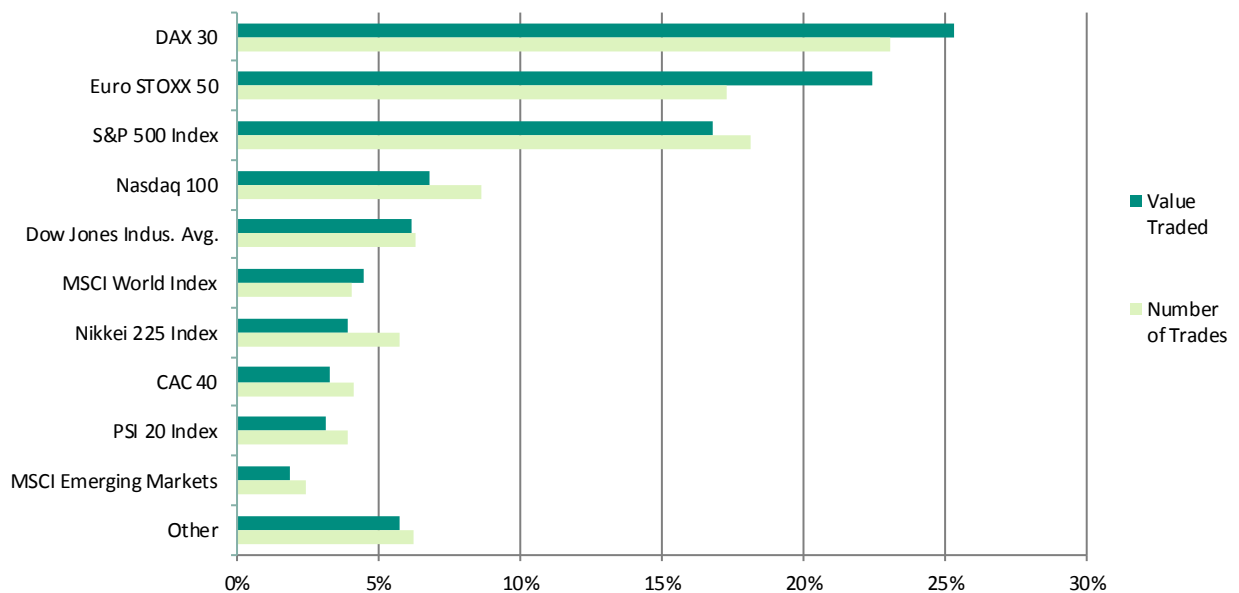
## Market Overview

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
DAX 30	1,170	-25%	17.4%	25.4%	116	-16.7%	-13.3%	23.1%
Euro STOXX 50	1,035	-25%	-2.8%	22.5%	87	-4.8%	-9.3%	17.3%
S&P 500 Index	776	-13.6%	2.2%	16.8%	91	8.3%	5.1%	18.2%
Nasdaq 100	315	-3.7%	37%	6.8%	43	5.2%	43%	8.7%
Dow Jones Indus. Avg.	286	6.3%	24%	6.2%	32	8.5%	7.9%	6.3%
MSCI World Index	205	-3.1%	-56%	4.4%	20	7.1%	-52%	4.0%
Nikkei 225 Index	181	-1.7%	53%	3.9%	29	12.4%	52%	5.7%
CAC 40	151	2.7%	4.7%	3.3%	21	19.6%	8.6%	4.1%
PSI 20 Index	143	0.5%	27%	3.1%	20	3.0%	13.0%	3.9%
MSCI Emerging Markets	87	23%	16.9%	1.9%	12	31%	21%	2.4%
Other	264	-1.6%	-6.1%	5.7%	31	-9.2%	-27%	6.3%
<b>Total</b>	<b>4,612</b>	<b>-15.5%</b>	<b>3.0%</b>	<b>100%</b>	<b>500</b>	<b>-1.5%</b>	<b>-4.7%</b>	<b>100%</b>

(Source Euronext)

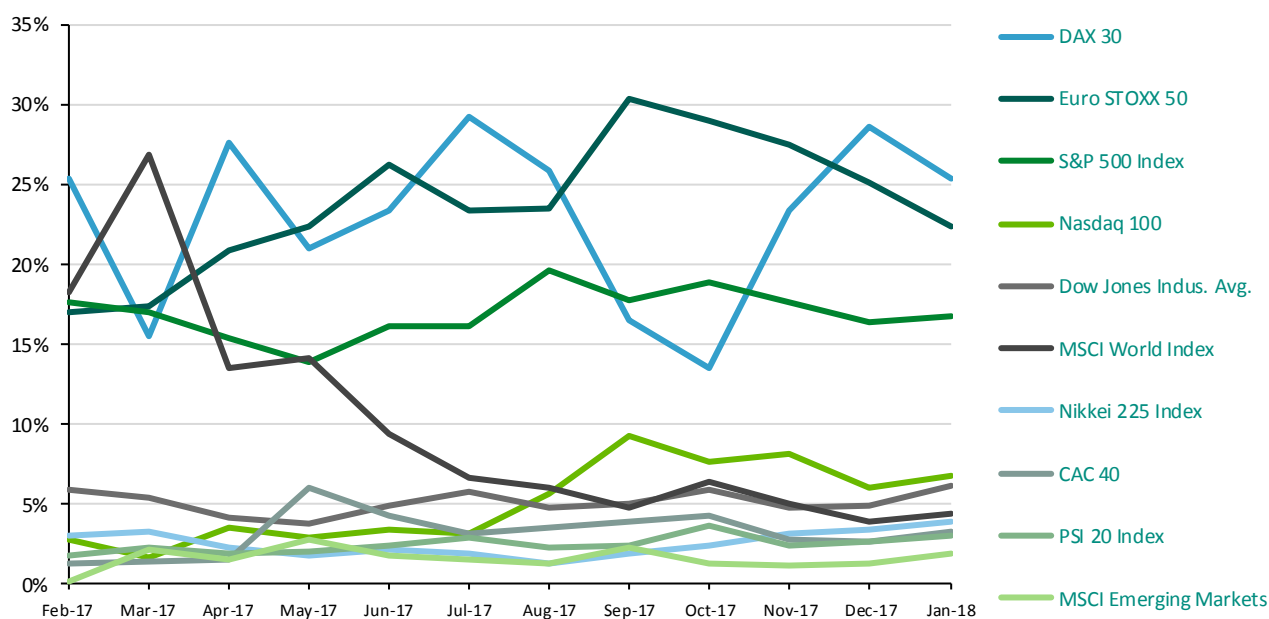




# TOP 10 UNDERLYINGS

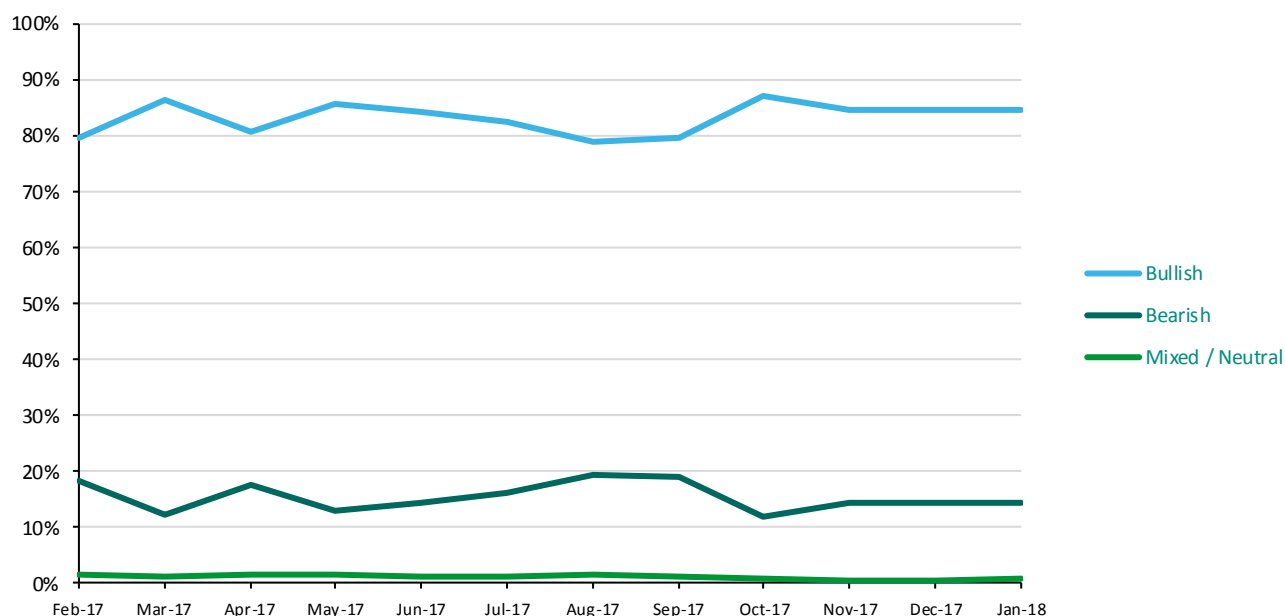
## Market Trend: Value traded

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

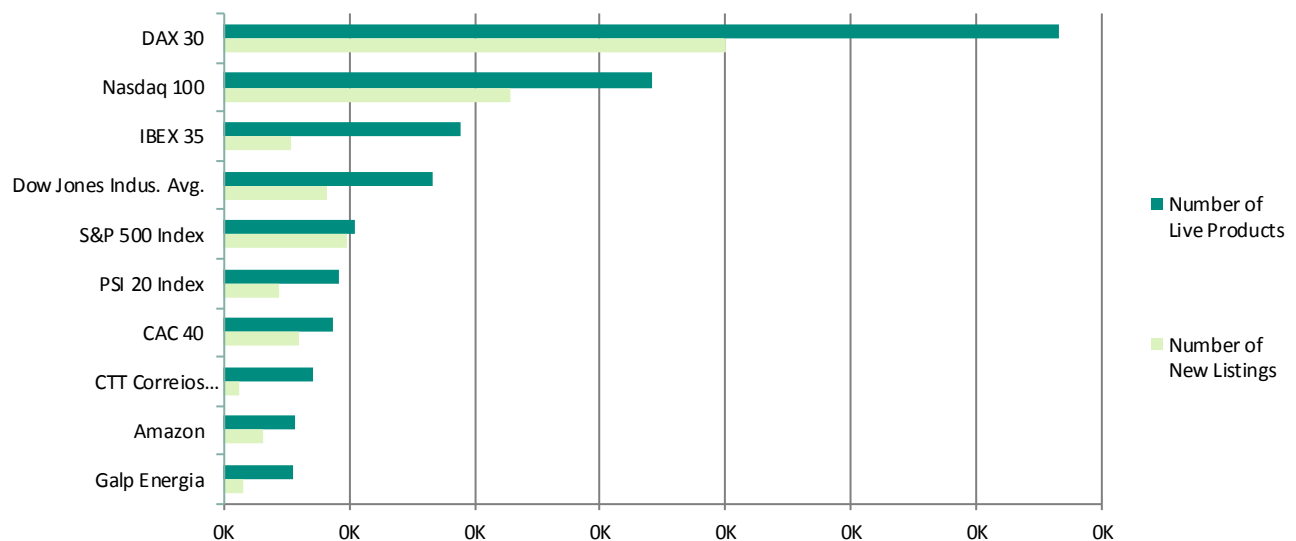
## Product Overview

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	333	7.3%	-6.1%	23.6%	200	199%	88%	30.2%
Nasdaq 100	171	1.2%	8.9%	12.1%	114	159%	135%	17.2%
IBEX 35	94	-9.0%	-12.2%	6.7%	27	3.8%	-22%	4.1%
Dow Jones Indus. Avg.	83	-9.1%	-23%	5.9%	41	193%	58%	6.2%
S&P 500 Index	52	-10.3%	-27%	3.7%	49	345%	203%	7.4%
PSI 20 Index	46	13.3%	-10.3%	3.2%	22	100%	75%	3.3%
CAC 40	44	39%	13.6%	3.1%	30	900%	121%	4.5%
CTT Correios Deportugal	36	-1.0%	-12.3%	2.5%	6	20.0%	57%	0.9%
Amazon	28	-6.2%	-16.0%	2.0%	16		90%	2.4%
Galp Energia	28	5.7%	-0.3%	2.0%	8	100%	220%	1.2%
Other	498	-4.5%	-27%	35.3%	150	305%	90%	22.6%
<b>Total</b>	<b>1,412</b>	<b>-0.4%</b>	<b>-15.5%</b>	<b>100%</b>	<b>663</b>	<b>198.6%</b>	<b>88.7%</b>	<b>100%</b>

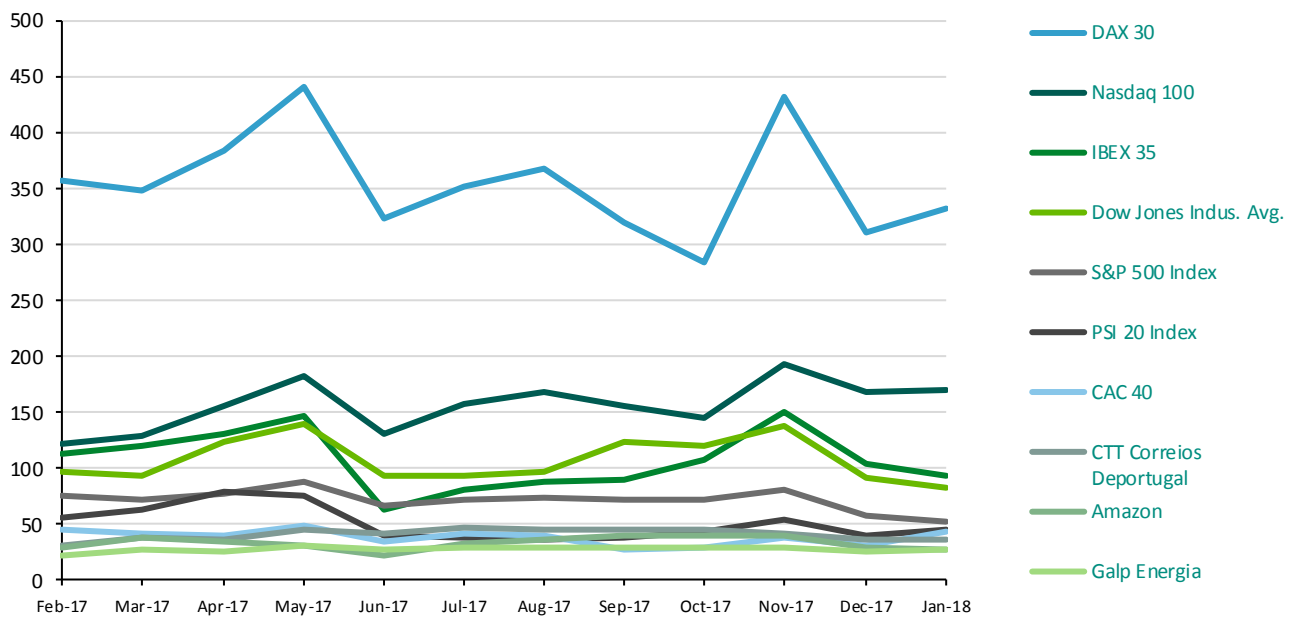
(Source Euronext)



# TOP 10 UNDERLYINGS

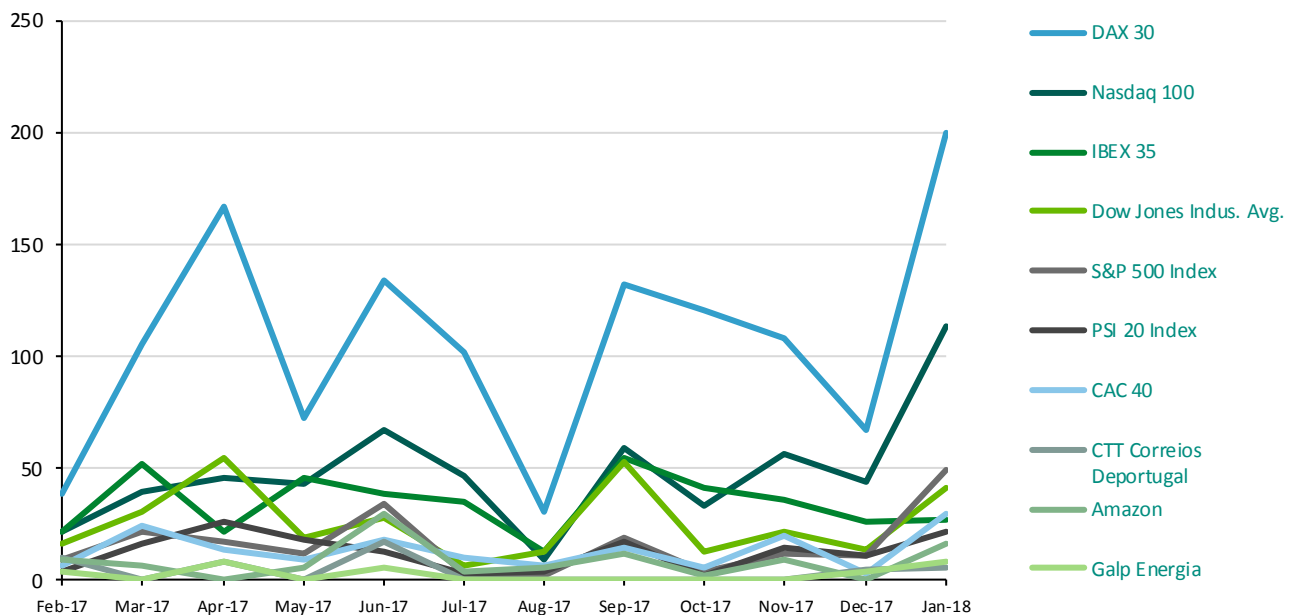
## Product Trend: Number of Live Products

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	47,632	3,984
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	35,368	4,040
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	12,992	1,392
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	11,023	1,052
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	10,263	1,004
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	9,412	926
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	8,321	1,320
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	6,875	904
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	6,584	888
DE000CY5ZZL7	Citi	2200	Knock-Out Warrants	DAX 30	6,557	348
DE000CY5ZW74	Citi	2200	Knock-Out Warrants	DAX 30	4,759	228
DE000CE6QRJ9	Commerzbank	2100	Warrants	DAX 30	4,156	122
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	3,982	554
DE000CY5ZY07	Citi	2200	Knock-Out Warrants	DAX 30	3,453	130
DE000CE6QRM3	Commerzbank	2100	Warrants	DAX 30	2,849	162
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	2,767	312
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	2,702	118
DE000CQ3M4R5	Citi	2200	Knock-Out Warrants	DAX 30	2,136	208
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	2,132	122
DE000CE6QRL5	Commerzbank	2100	Warrants	DAX 30	1,502	52
DE000CV3KC99	Commerzbank	2200	Knock-Out Warrants	DAX 30	1,399	332
DE000CE6QRK7	Commerzbank	2100	Warrants	DAX 30	1,189	58
DE000CV3KB66	Commerzbank	2200	Knock-Out Warrants	DAX 30	1,086	226
DE000CQ3M4U9	Citi	2200	Knock-Out Warrants	DAX 30	1,083	104
DE000CQ3M4T1	Citi	2200	Knock-Out Warrants	DAX 30	913	30
DE000CE6R7R6	Commerzbank	2200	Knock-Out Warrants	DAX 30	903	160
DE000CE6QRN1	Commerzbank	2100	Warrants	DAX 30	886	56
DE000CE6QRP6	Commerzbank	2100	Warrants	DAX 30	867	106
DE000CV3KHV4	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	837	40
DE000CE6QRQ4	Commerzbank	2100	Warrants	DAX 30	819	64
DE000CE6QXQ2	Commerzbank	2100	Warrants	DAX 30	806	94
DE000CV3K831	Commerzbank	2200	Knock-Out Warrants	DAX 30	622	68
DE000CQ3M4M6	Citi	2200	Knock-Out Warrants	DAX 30	511	48
DE000CN9RUZ0	Commerzbank	2300	Constant Leverage Certificate	ALIBABA GROUP HOLDING LTD	500	2
DE000CY5ZYLO	Citi	2200	Knock-Out Warrants	DAX 30	489	10
DE000CV3KH29	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	483	26
DE000CV3KC81	Commerzbank	2200	Knock-Out Warrants	DAX 30	396	76
DE000CY5ZXL2	Citi	2200	Knock-Out Warrants	Amazon	377	26
PTBIU2YE0087	BCP	1300	Tracker Certificates	STOXX 600 Basic Resources Inc	352	28
DE000CQ3M5N1	Citi	2200	Knock-Out Warrants	Amazon	337	22
DE000CE6R4B7	Commerzbank	2100	Warrants	DAX 30	318	18
DE000CY01WS5	Citi	2100	Warrants	DAX 30	305	38
DE000CV3KJY4	Commerzbank	2100	Warrants	DAX 30	292	8
DE000CV3KH52	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	272	28
DE000CY01WP1	Citi	2100	Warrants	DAX 30	250	16
DE000CV3K823	Commerzbank	2200	Knock-Out Warrants	DAX 30	241	66
DE000CV3KF39	Commerzbank	2200	Knock-Out Warrants	DAX 30	241	28
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	238	58
DE000CV3K815	Commerzbank	2200	Knock-Out Warrants	DAX 30	231	54
DE000CV3KHG5	Commerzbank	2200	Knock-Out Warrants	DAX 30	216	118

(Source Euronext)



Euronext Paris

# ISSUERS

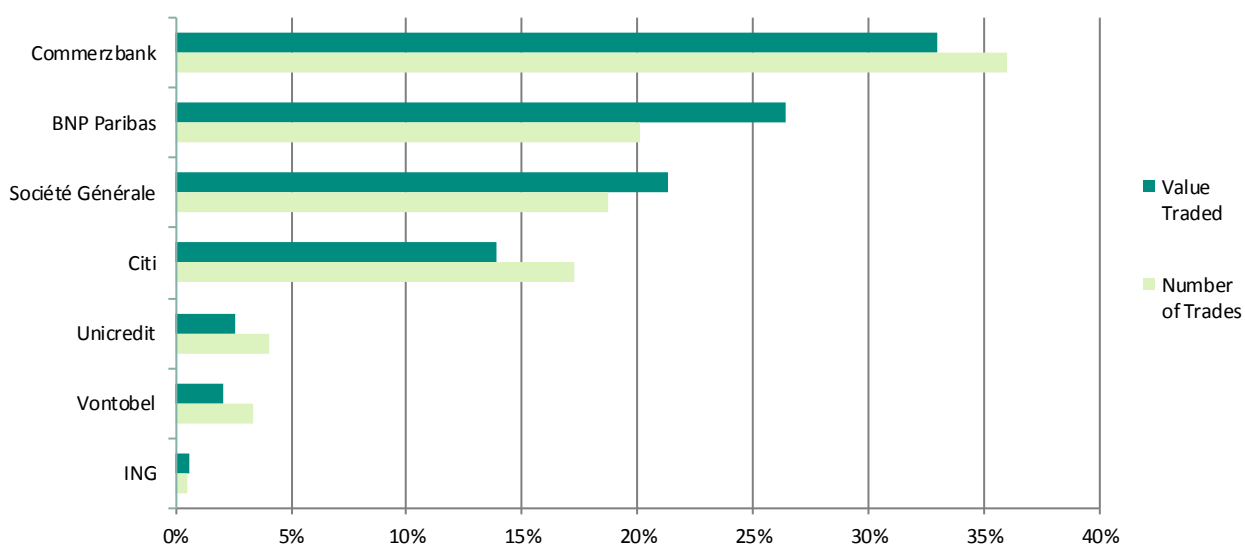
## Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Commerzbank	4,110	-4.0%	0.8%	33.0%	1,447	5.6%	10.1%	36.0%
BNP Paribas	3,292	5.4%	0.7%	26.5%	808	16.9%	-3.6%	20.1%
Société Générale	2,654	-15.4%	-17.1%	21.3%	752	-19.9%	-15.4%	18.7%
Citi	1,728	1.5%	-2.0%	13.9%	691	-1.6%	-5.2%	17.2%
Unicredit	323	49%	-3.0%	2.6%	162	-1.8%	-6.0%	4.0%
Vontobel	257	48%	119%	2.1%	133	21.3%	115.5%	3.3%
ING	77	33%	-19.6%	0.6%	21	-38.5%	-55.7%	0.5%
<b>Total</b>	<b>12,441</b>	<b>-2.0%</b>	<b>-3.2%</b>	<b>100%</b>	<b>4,015</b>	<b>0.1%</b>	<b>-1.0%</b>	<b>100%</b>

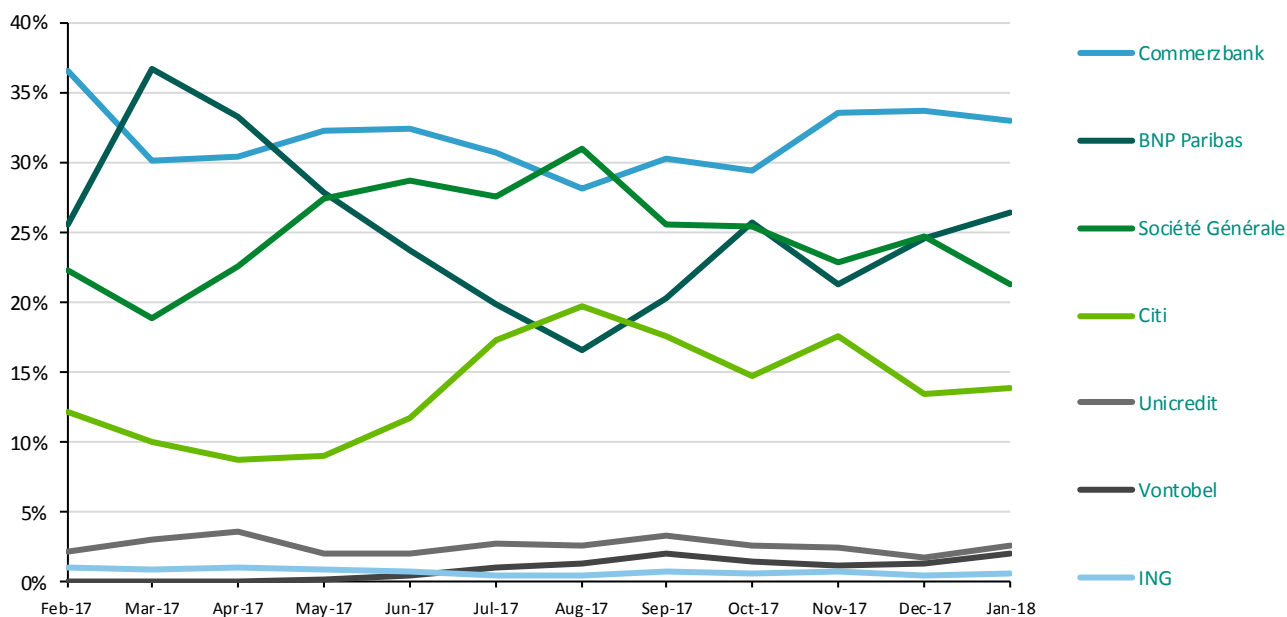
(Source Euronext)



# ISSUERS

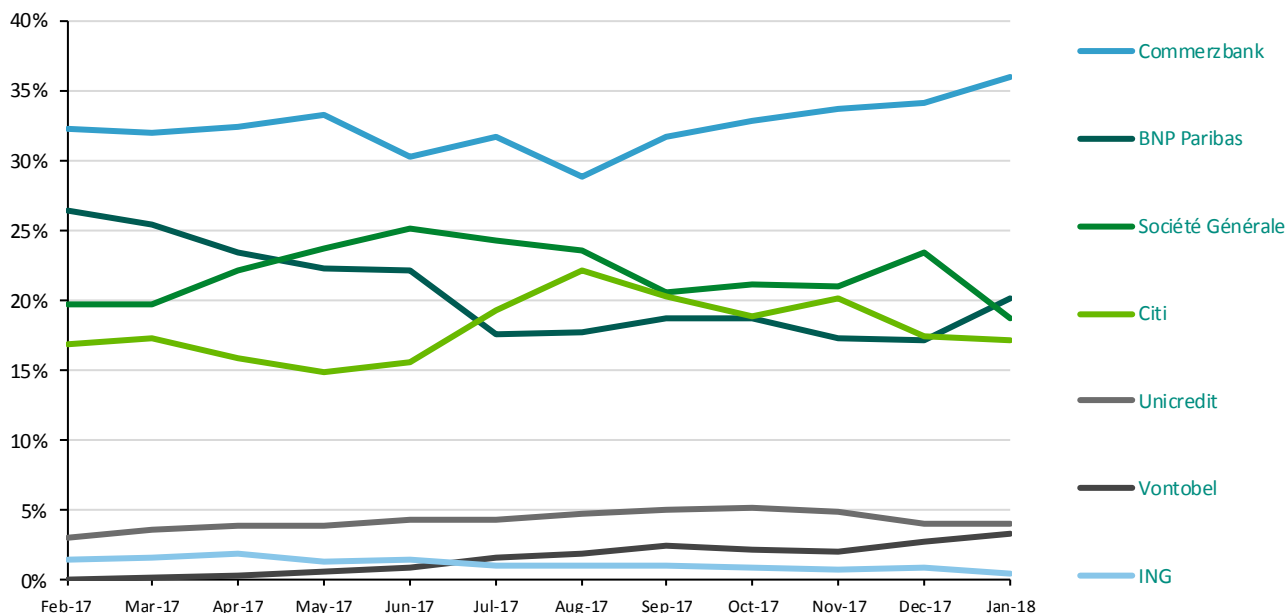
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

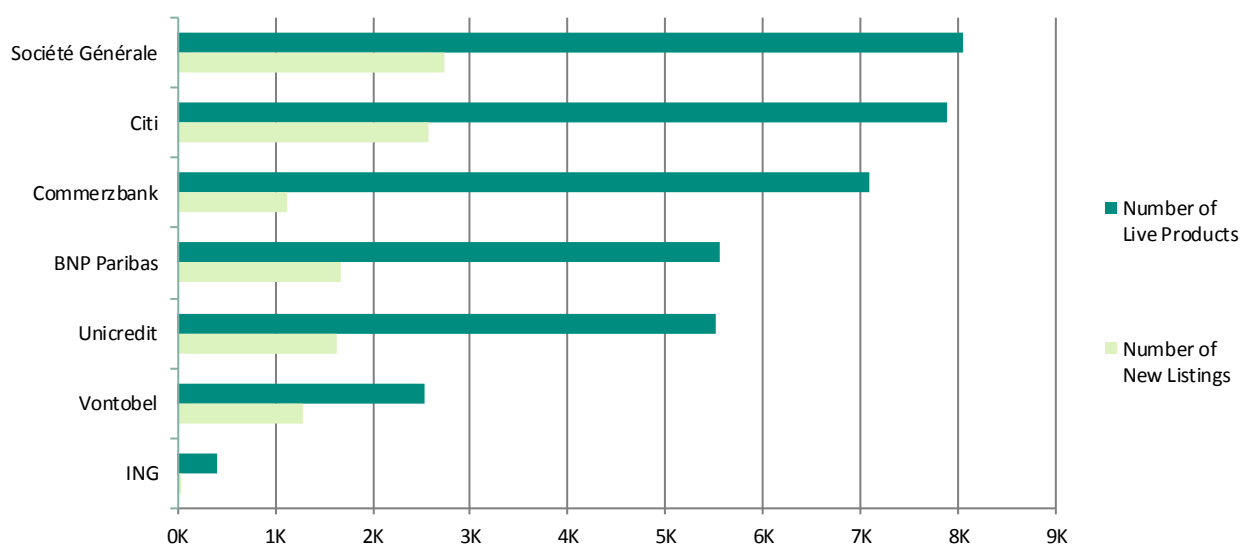
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	8,048	-13.5%	-18.3%	21.7%	2,738	324%	72%	24.8%
Citi	7,892	-2.8%	10.3%	21.3%	2,571	40%	10.0%	23.3%
Commerzbank	7,085	-1.0%	1.0%	19.1%	1,110	-4.4%	-13.9%	10.1%
BNP Paribas	5,553	-18.0%	-5.5%	15.0%	1,676	116%	-8.9%	15.2%
Unicredit	5,524	3.1%	12.4%	14.9%	1,629	142%	39%	14.8%
Vontobel	2,521	0.9%	112%	6.8%	1,275	140%	138%	11.5%
ING	401	-1.5%	-2.7%	1.1%	45		36%	0.4%
<b>Total</b>	<b>37,023</b>	<b>-6.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>11,044</b>	<b>96.2%</b>	<b>25.5%</b>	<b>100%</b>

(Source Euronext)

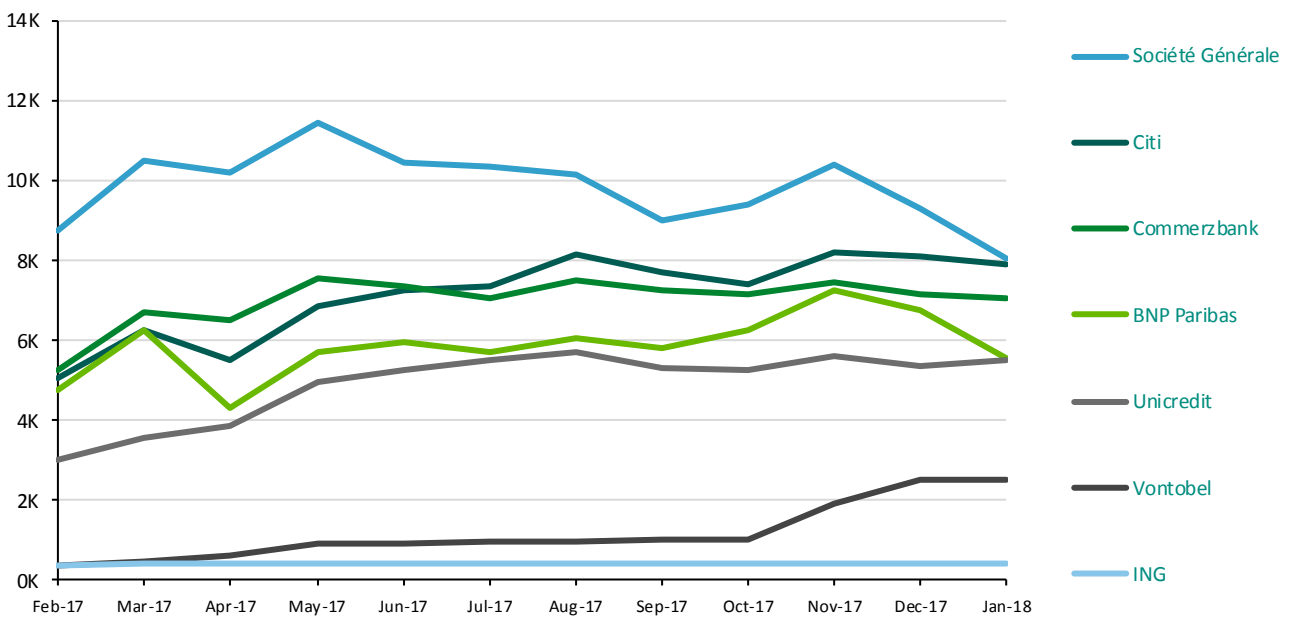




# ISSUERS

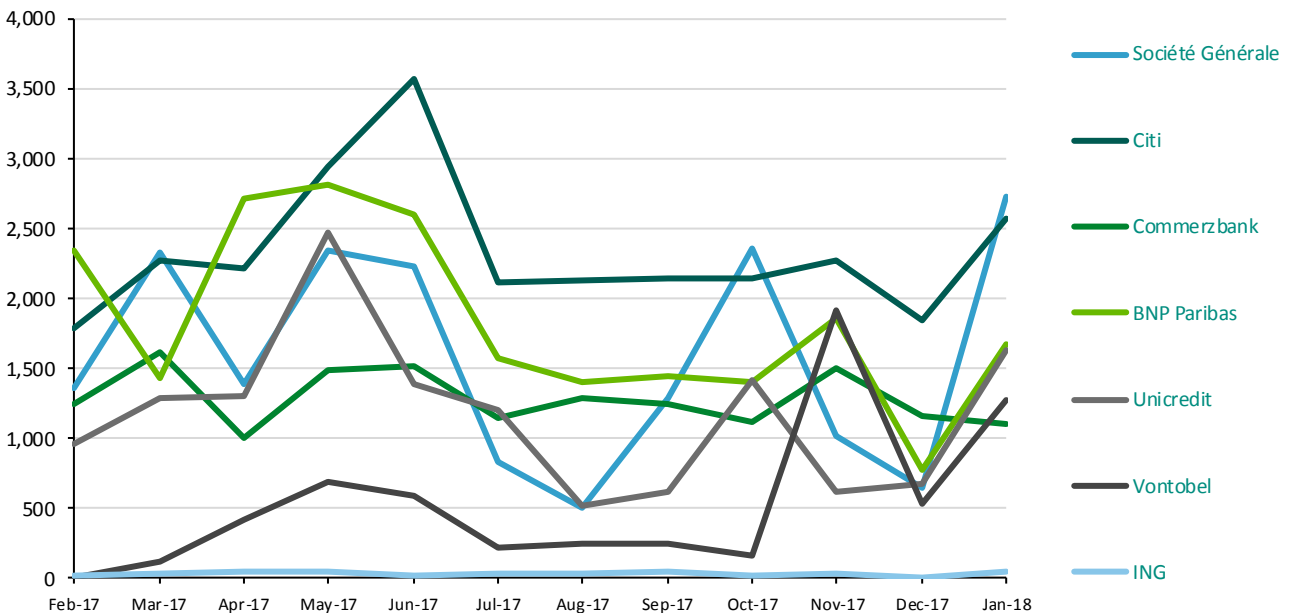
## Product Trend: Number of Live Products

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)

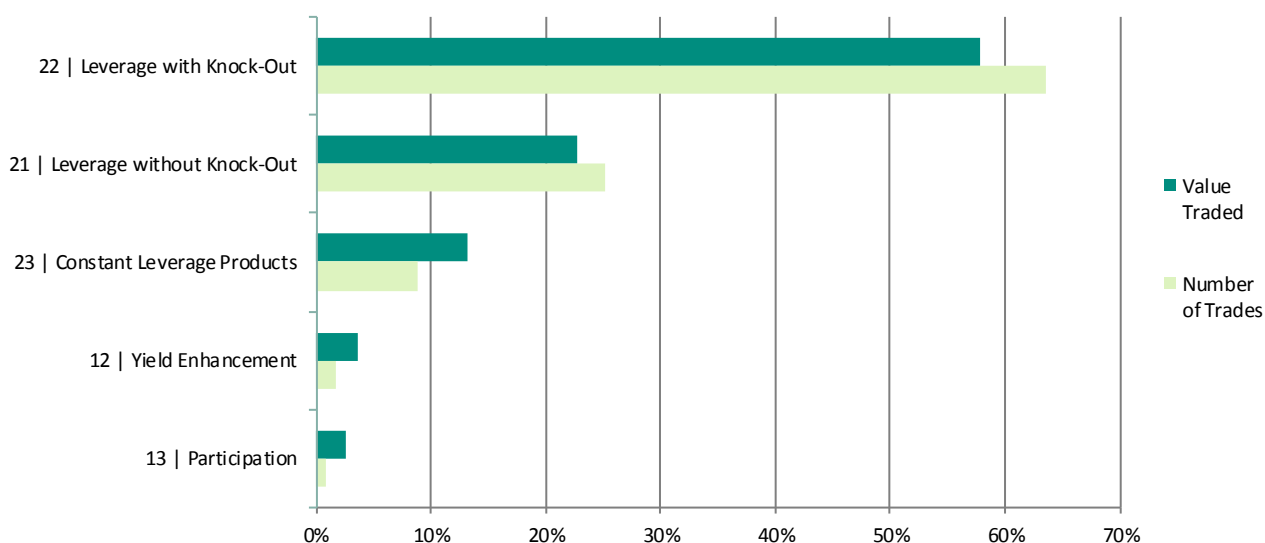
### Market Overview

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	7,197	-2.7%	9.8%	57.9%	2,550	0.7%	3.9%	63.5%
21   Leverage without Knock-Out	2,835	4.9%	-22%	22.8%	1,007	5.6%	-5.6%	25.1%
23   Constant Leverage Products	1,642	-10.2%	-15.3%	13.2%	355	-16.4%	-15.1%	8.8%
12   Yield Enhancement	456	53%	24%	3.7%	70	10.0%	5.7%	1.7%
13   Participation	310	-34%	-13.7%	2.5%	32	-14.5%	-32%	0.8%
<b>Total</b>	<b>12,441</b>	<b>-2.0%</b>	<b>-3.2%</b>	<b>100%</b>	<b>4,015</b>	<b>0.1%</b>	<b>-1.0%</b>	<b>100%</b>

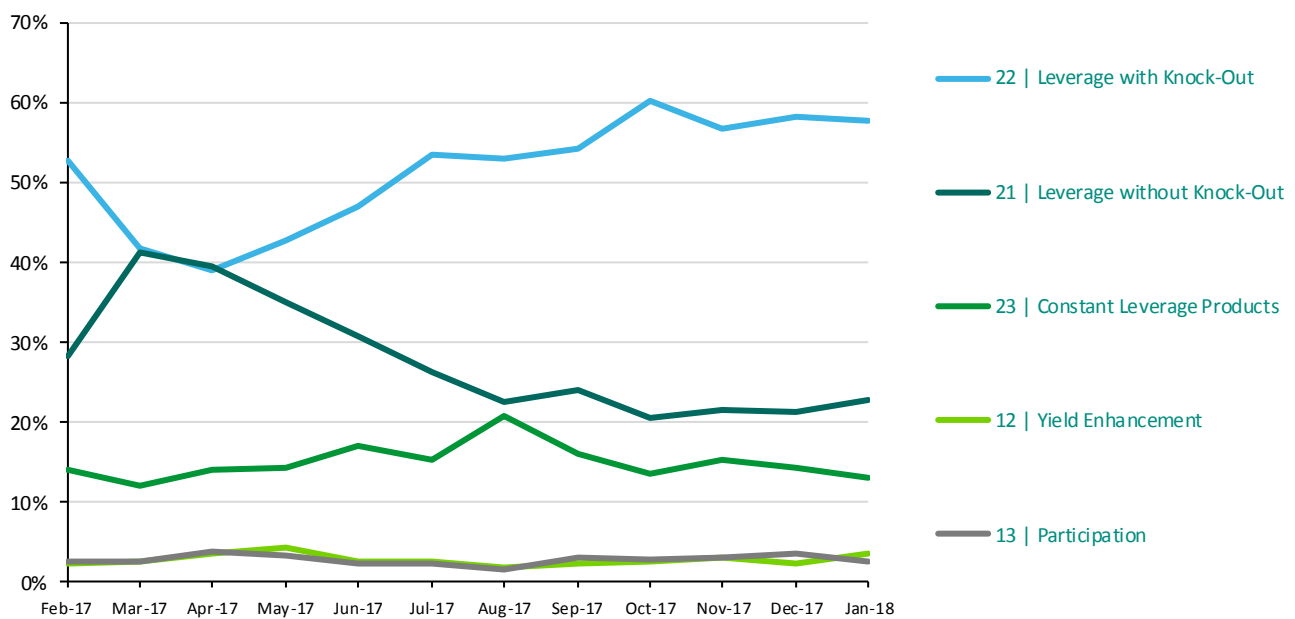
(Source Euronext)



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

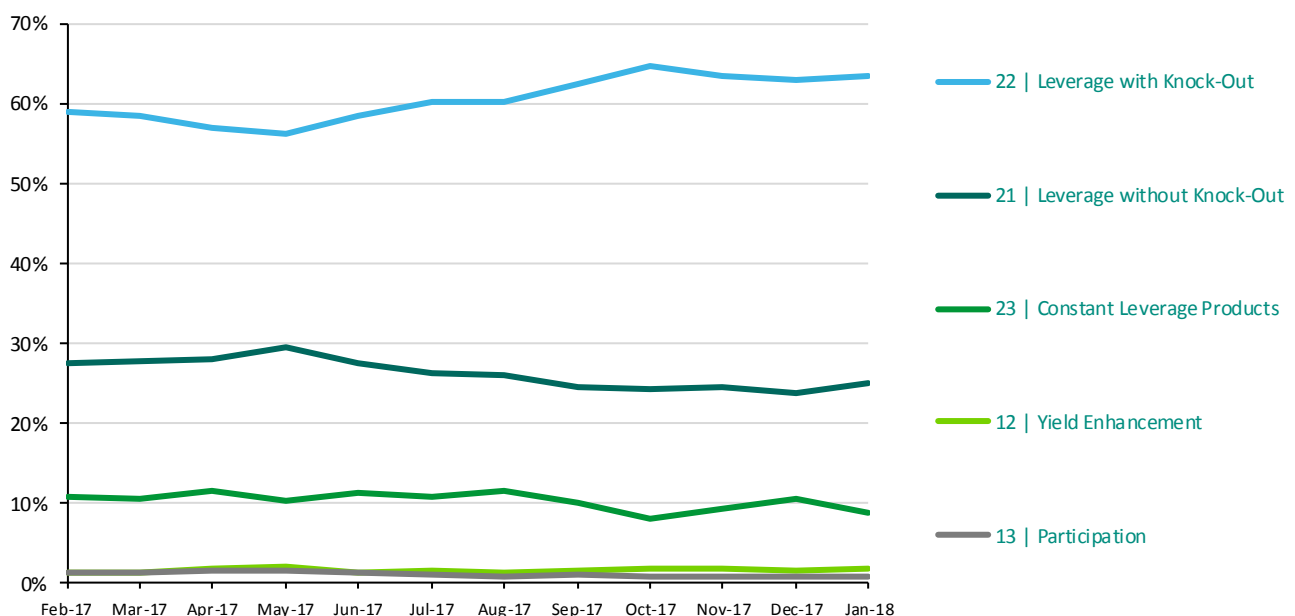
## Market Trend: Value traded

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

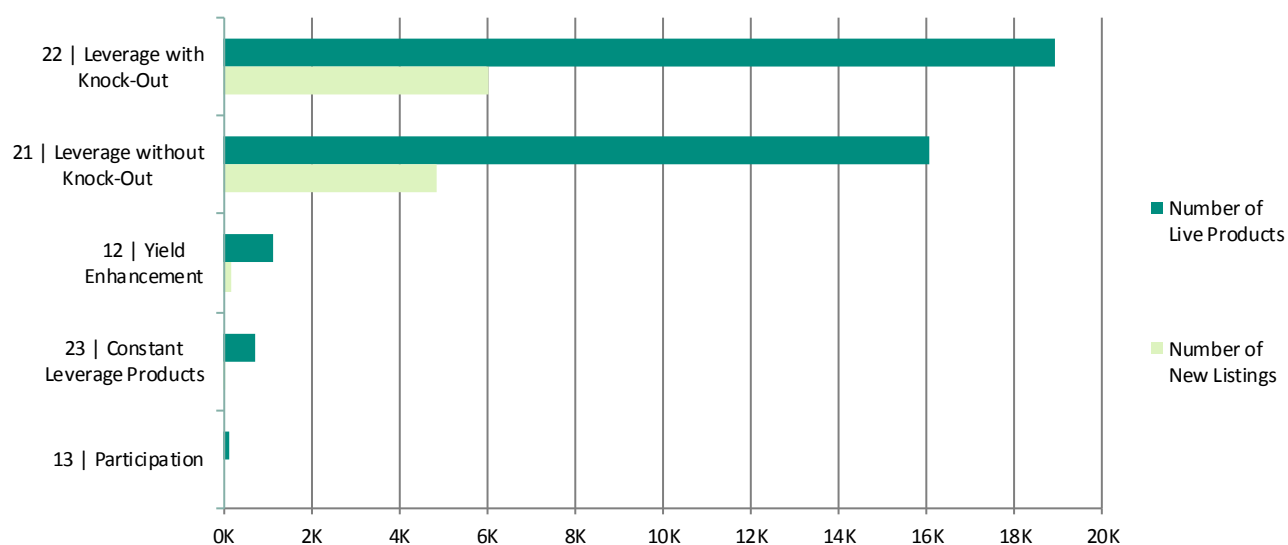
### Product Overview

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	18,956	-5.6%	7.5%	51.2%	6,026	58%	13.4%	54.6%
21   Leverage without Knock-Out	16,092	-7.5%	-3.4%	43.5%	4,847	217%	49%	43.9%
12   Yield Enhancement	1,142	-11.1%	-7.0%	3.1%	169	-40%	-6.9%	1.5%
23   Constant Leverage Products	696	-2.4%	1.6%	1.9%	2		-96%	0.0%
13   Participation	137	-10.0%	-33%	0.4%	0	-100%	-100%	0.0%
<b>Total</b>	<b>37,023</b>	<b>-6.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>11,044</b>	<b>96.2%</b>	<b>25.5%</b>	<b>100%</b>

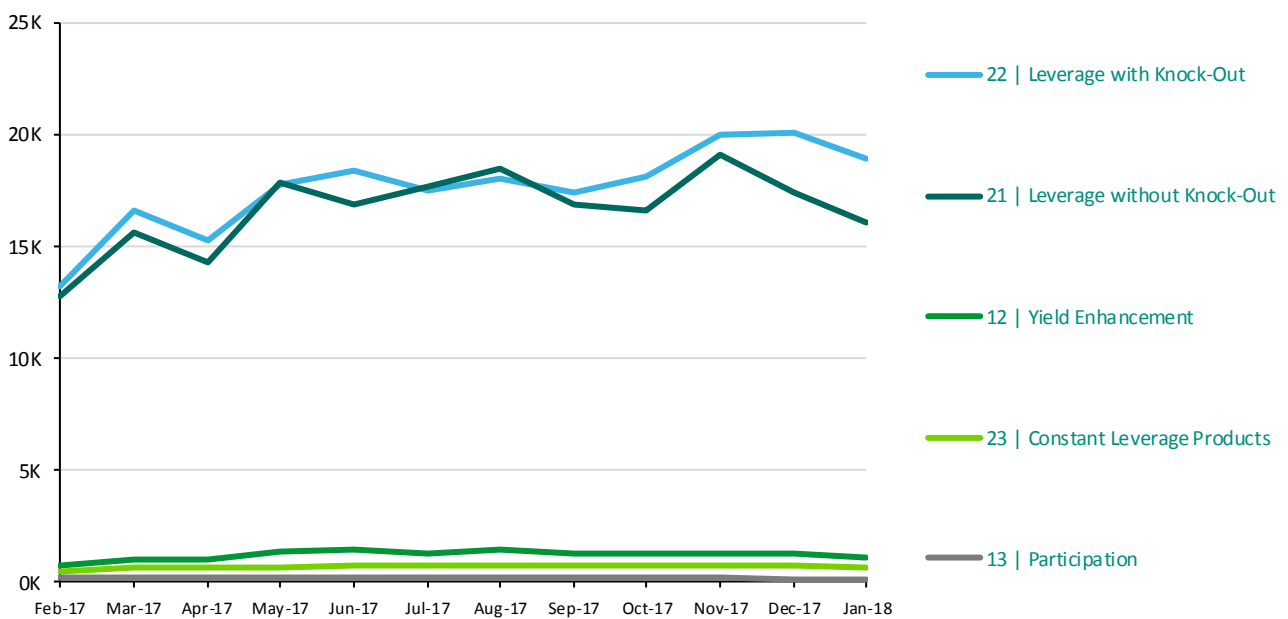
(Source Euronext)



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

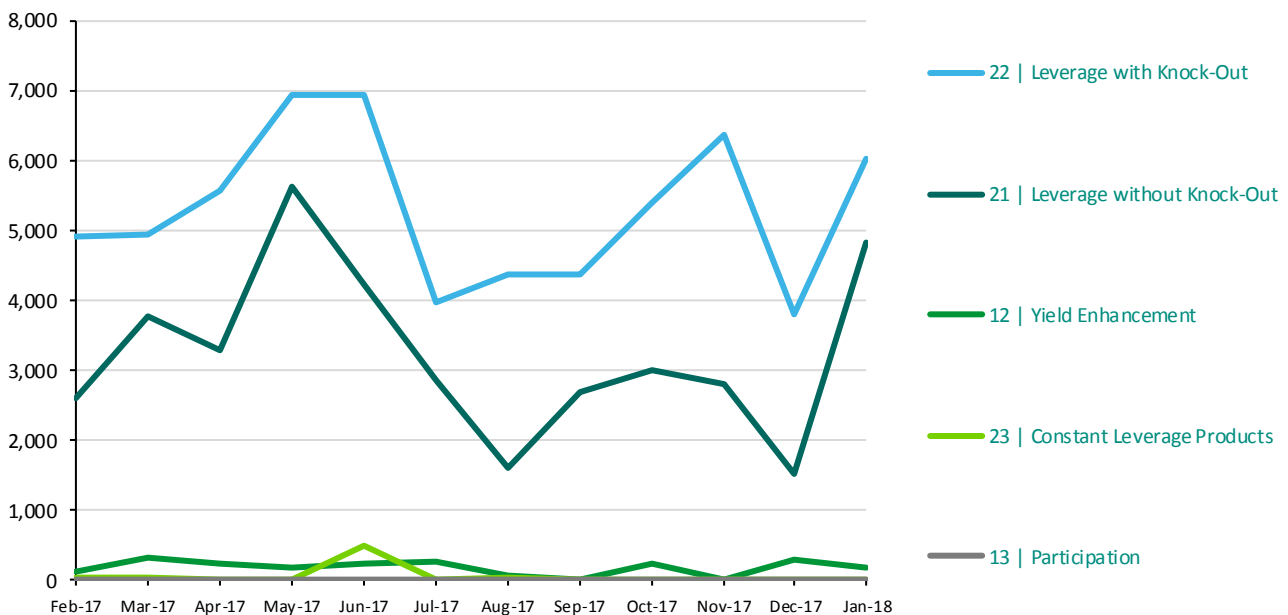
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

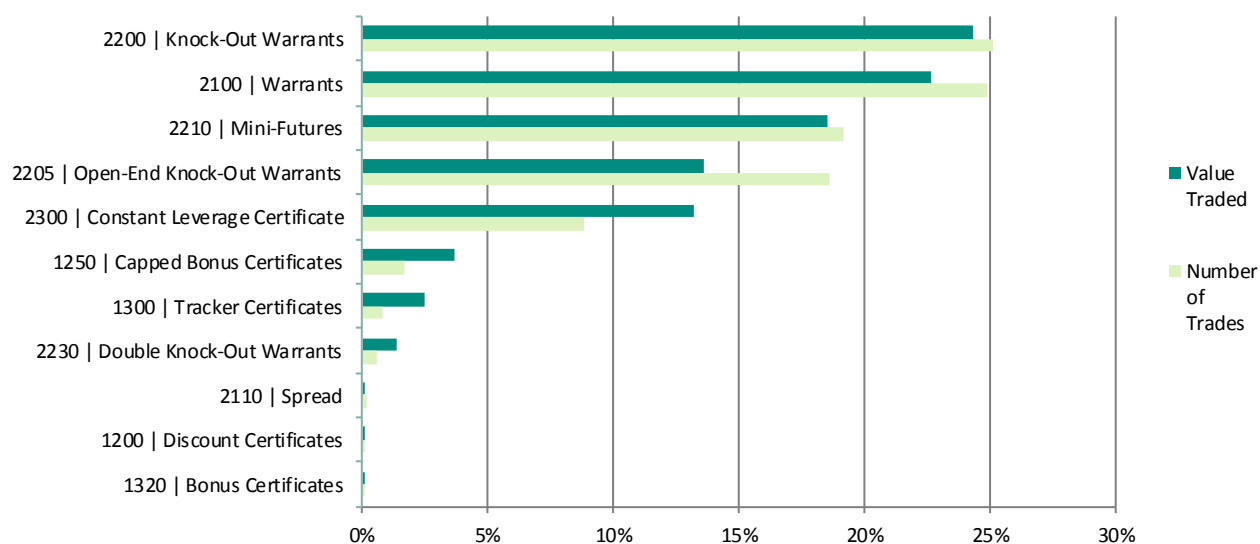
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2200   Knock-Out Warrants	3,025	-10.8%	5.7%	24.3%	1,008	-6.8%	-6.4%	25.1%
2100   Warrants	2,819	5.0%	-22%	22.7%	1,001	5.8%	-5.3%	24.9%
2210   Mini-Futures	2,304	6.7%	25%	18.5%	771	12.5%	20%	19.2%
2205   Open-End Knock-Out Warrants	1,696	4.6%	0.6%	13.6%	749	-0.2%	4.3%	18.7%
2300   Constant Leverage Certificate	1,642	-10.2%	-15.3%	13.2%	355	-16.4%	-15.1%	8.8%
1250   Capped Bonus Certificates	455	53%	25%	3.7%	69	10.2%	6.1%	1.7%
1300   Tracker Certificates	310	-34%	-11.3%	2.5%	32	-15.1%	-31%	0.8%
2230   Double Knock-Out Warrants	173	-23%	11.9%	1.4%	22	42%	15.0%	0.6%
2110   Spread	16	-17.0%	-39%	0.1%	6.3	-16.2%	-37%	0.2%
1200   Discount Certificates	1	-6.6%	-40%	0.0%	0.3	-17.4%	-39%	0.0%
1320   Bonus Certificates	1	217%	-93%	0.0%	0.3	396%	-71%	0.0%
<b>Total</b>	<b>12,441</b>	<b>-2.0%</b>	<b>-3.2%</b>	<b>100%</b>	<b>4,015</b>	<b>0.1%</b>	<b>-1.0%</b>	<b>100%</b>

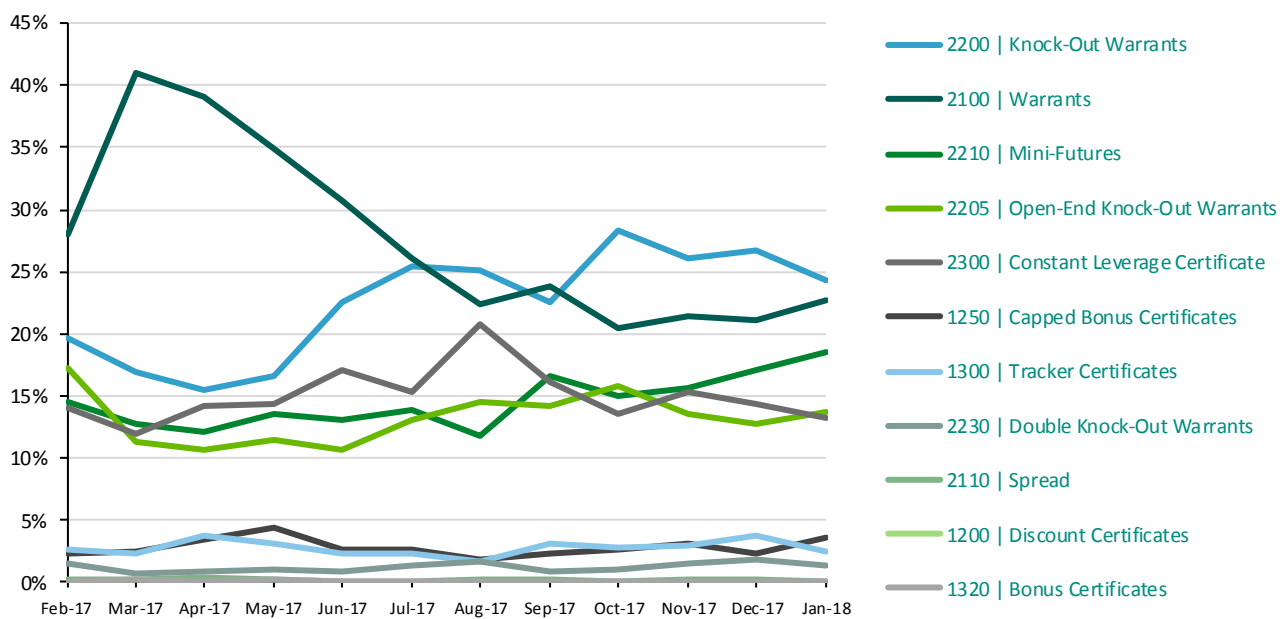
(Source Euronext)



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

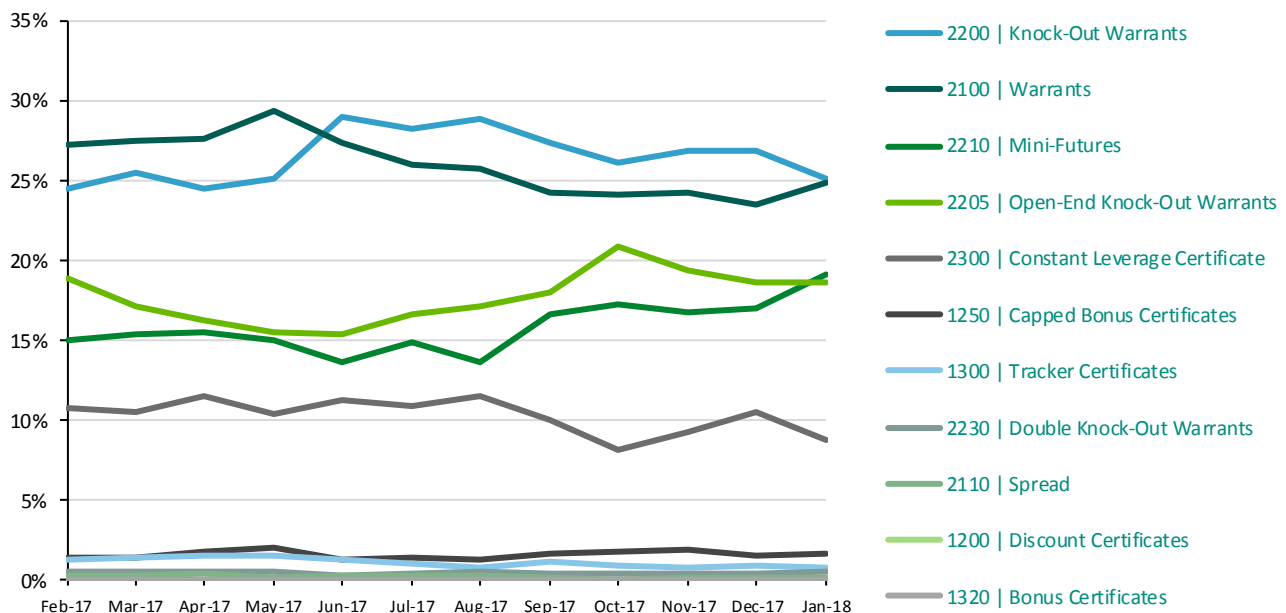
## Market Trend: Value traded

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)

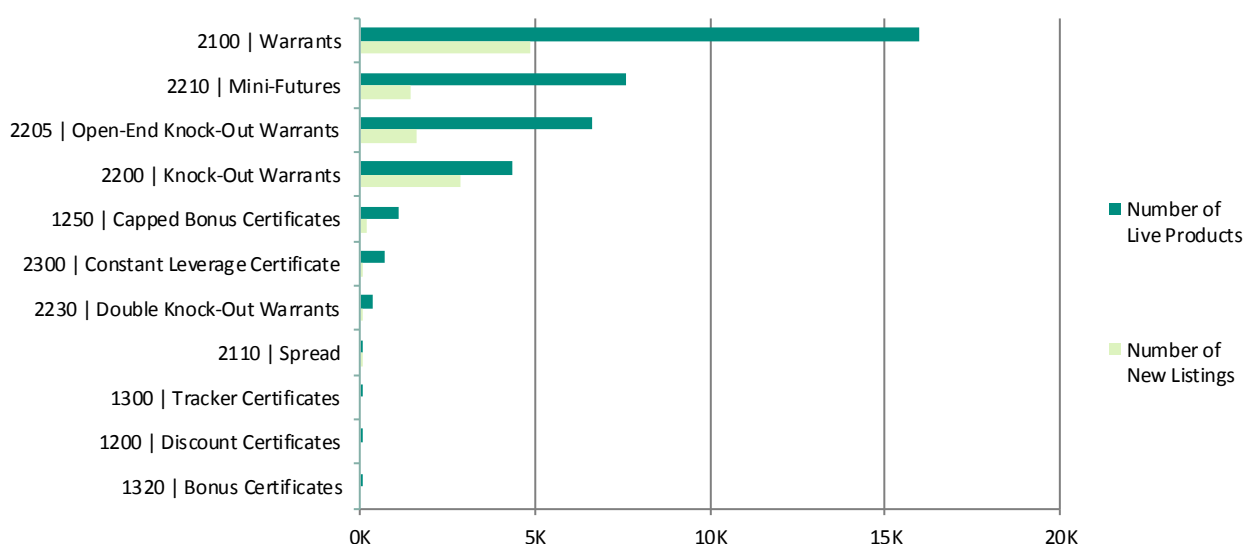
## Product Overview

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	15,996	-7.5%	-3.4%	43.2%	4,842	224%	50%	43.8%
2210   Mini-Futures	7,582	-0.6%	13.1%	20.5%	1,452	70%	23%	13.1%
2205   Open-End Knock-Out Warrants	6,653	-2.9%	12.8%	18.0%	1,641	76%	24%	14.9%
2200   Knock-Out Warrants	4,384	-16.7%	-10.8%	11.8%	2,871	44%	4.1%	26.0%
1250   Capped Bonus Certificates	1,087	-11.6%	-5.6%	2.9%	169	-40%	0.8%	1.5%
2300   Constant Leverage Certificate	696	-2.4%	1.6%	1.9%	2		-96%	0.0%
2230   Double Knock-Out Warrants	337	1.9%	197%	0.9%	62	82%	22%	0.6%
2110   Spread	97	9.4%	-7.4%	0.3%	5	-86%	-74%	0.0%
1300   Tracker Certificates	96	-12.0%	-33%	0.3%	0	-100%	-100%	0.0%
1200   Discount Certificates	55	0.0%	-27%	0.1%	0		-100%	0.0%
1320   Bonus Certificates	41	-5.1%	-31%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>37,023</b>	<b>-6.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>11,044</b>	<b>96.2%</b>	<b>25.5%</b>	<b>100%</b>

(Source Euronext)

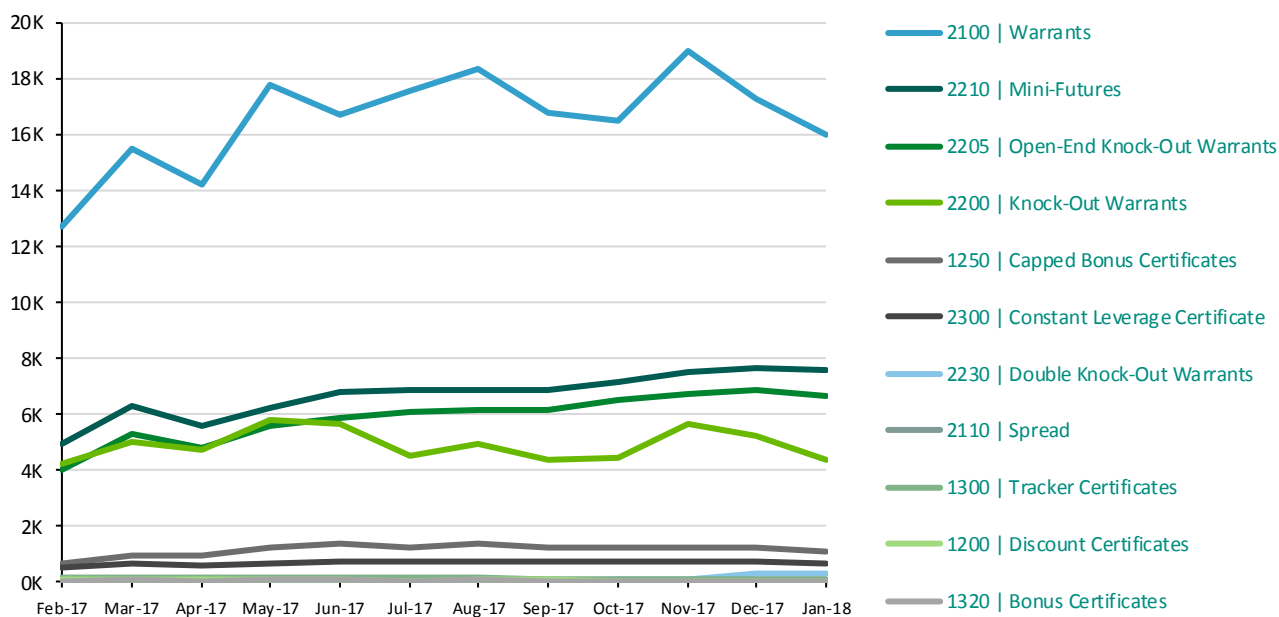




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

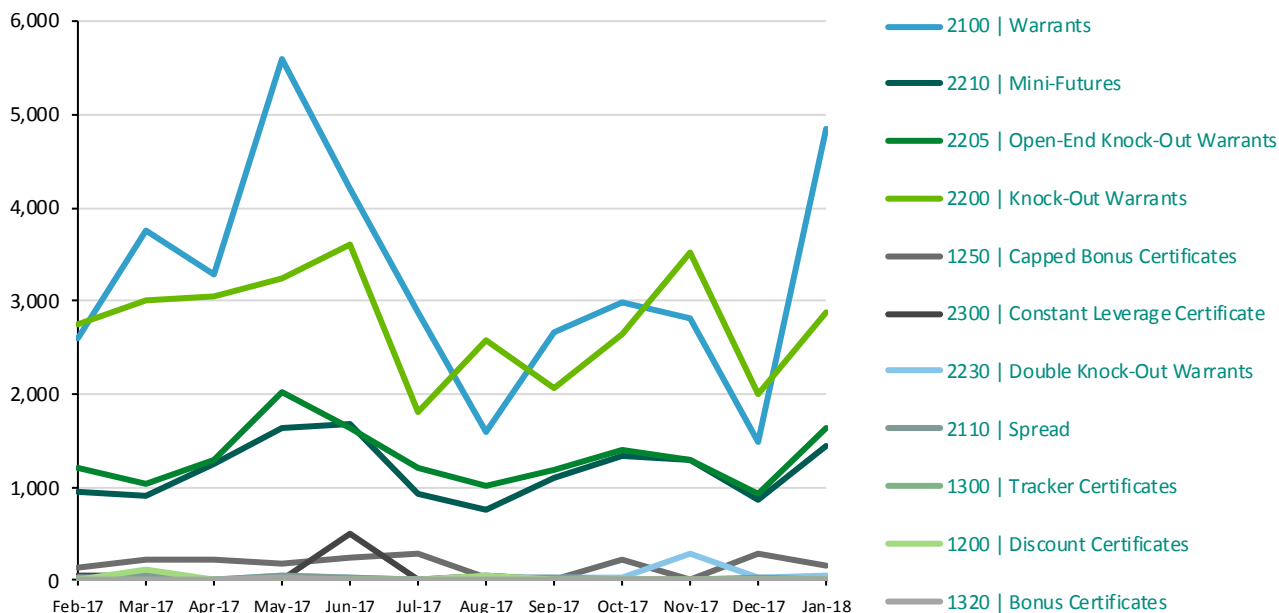
## Product Trend: Number of Live Products

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

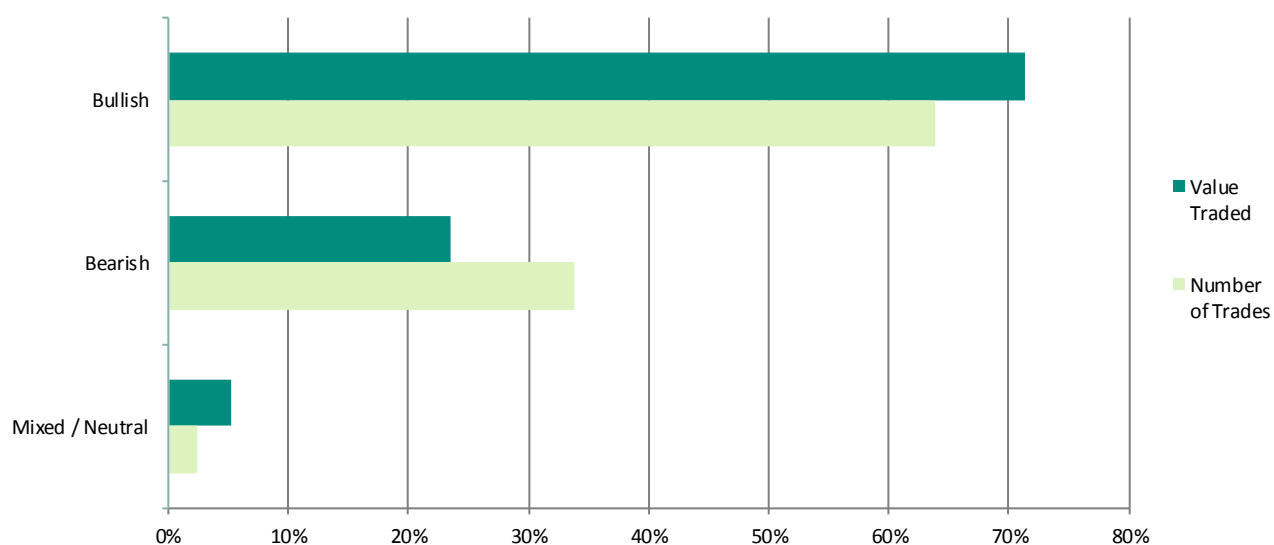
## Market Overview

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	8,882	-2.0%	1.6%	71.4%	2,561	-5.7%	1.2%	63.8%
Bearish	2,915	-5.8%	-18.3%	23.4%	1,355	12.0%	-5.0%	33.8%
Mixed / Neutral	644	19.2%	18.0%	5.2%	98	13.5%	3.0%	2.4%
Total	12,441	-2.0%	-3.2%	100%	4,015	0.1%	-1.0%	100%

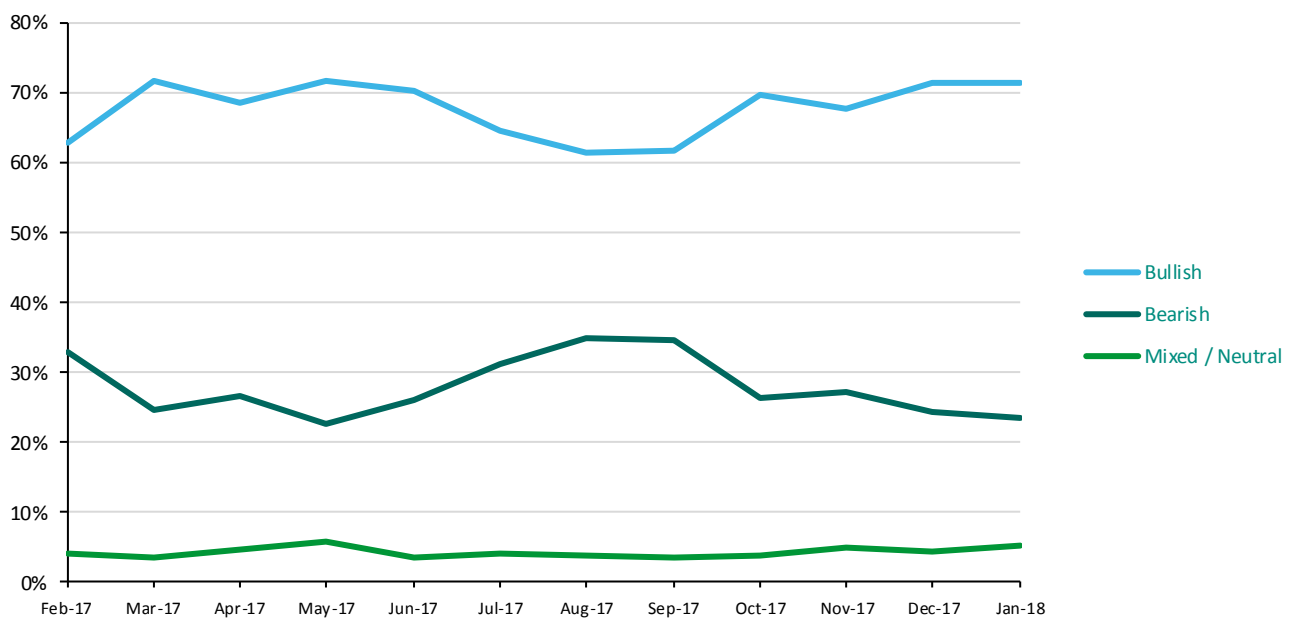
(Source Euronext)



# PRODUCT STRATEGIES

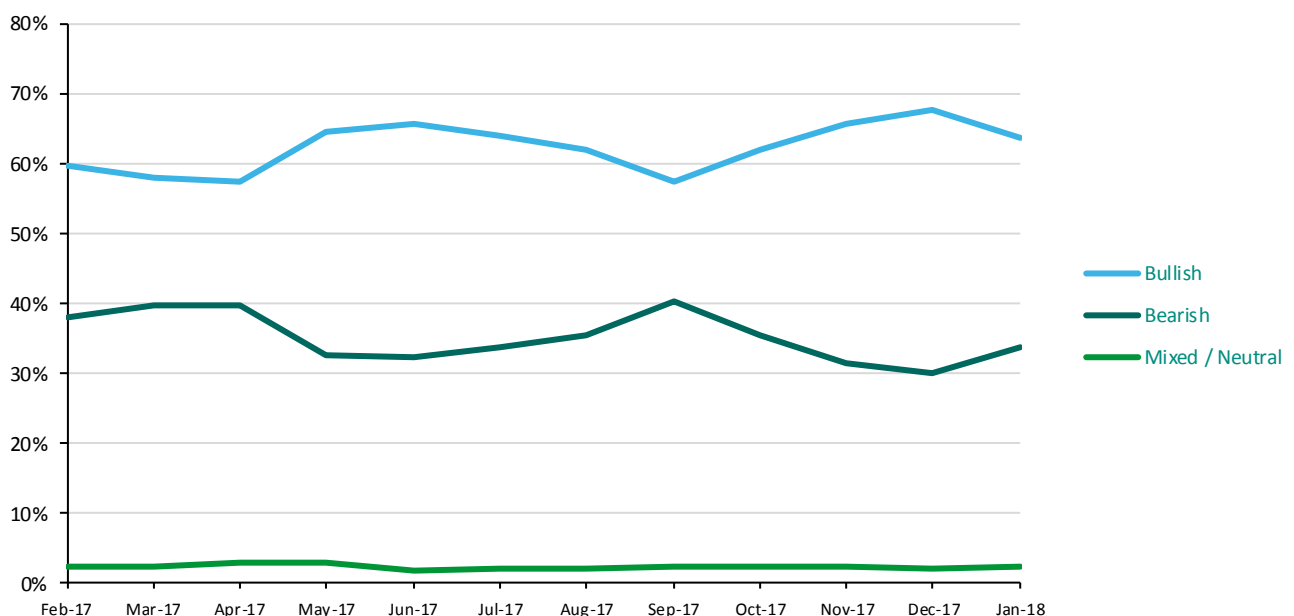
## Market Trend: Value traded

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

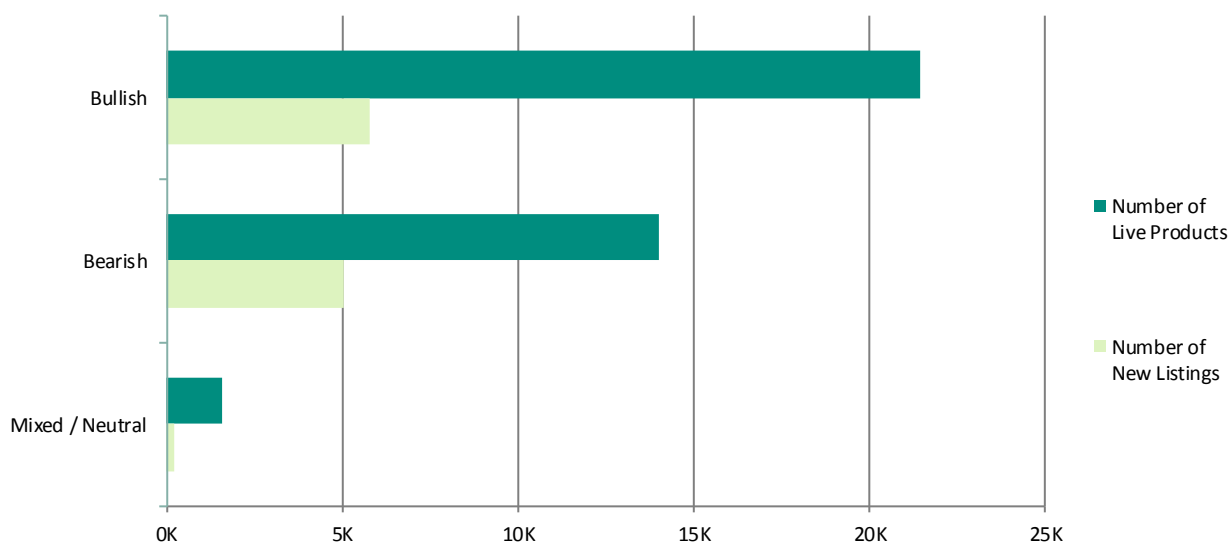
## Product Overview

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	21,430	-5.0%	1.4%	57.9%	5,762	110%	28%	52.2%
Bearish	14,017	-8.7%	1.3%	37.9%	5,046	99%	25%	45.7%
Mixed / Neutral	1,576	-7.5%	9.0%	4.3%	236	-33%	-6.4%	2.1%
<b>Total</b>	<b>37,023</b>	<b>-6.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>11,044</b>	<b>96.2%</b>	<b>25.5%</b>	<b>100%</b>

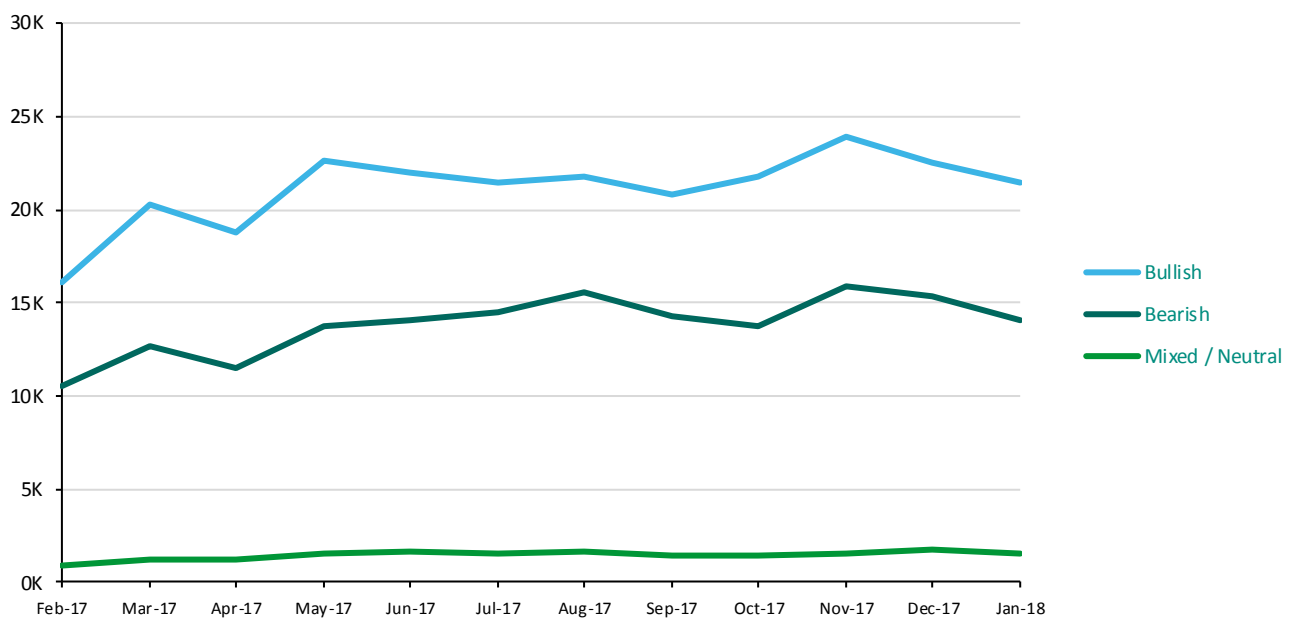
(Source Euronext)



# PRODUCT STRATEGIES

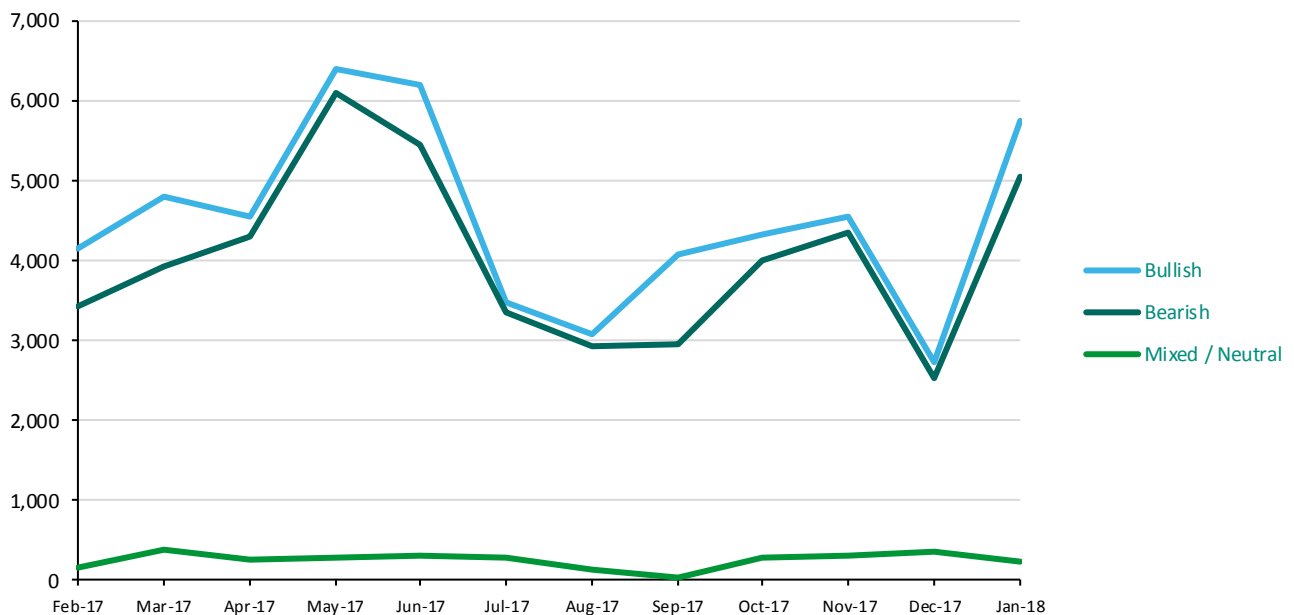
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# UNDERLYING TYPES

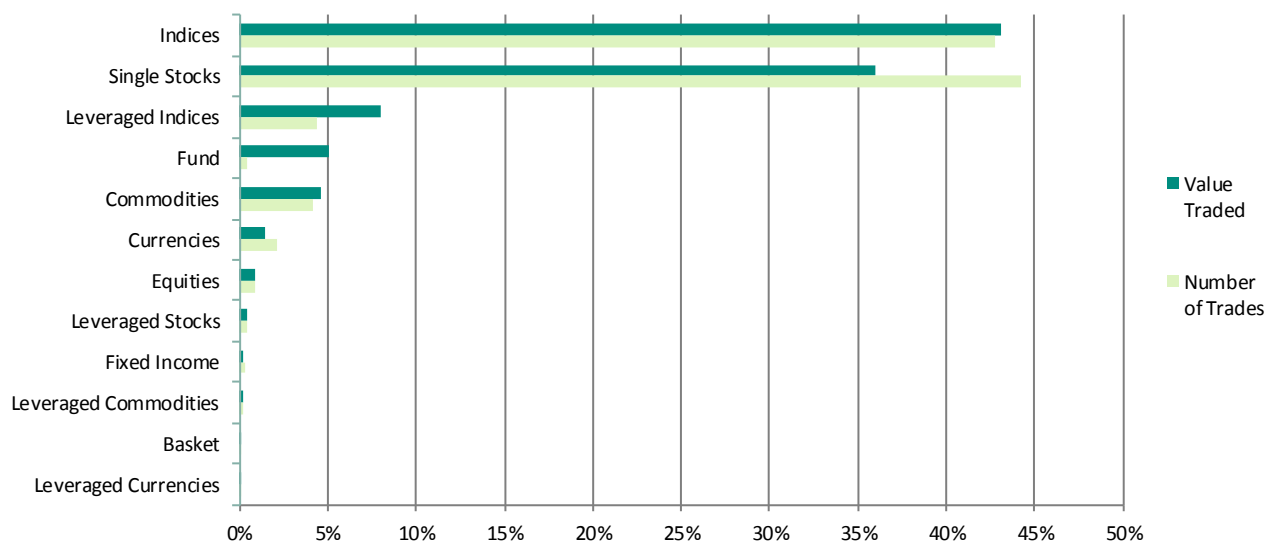
## Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	5,357	-15.8%	-2.9%	43.1%	1,716	-10.2%	-6.7%	42.7%
Single Stocks	4,481	27%	5.2%	36.0%	1,778	19.8%	11.4%	44.3%
Leveraged Indices	996	-4.8%	-12.9%	8.0%	177	-21%	-18.7%	4.4%
Fund	628	5.6%	-26%	5.0%	16	86%	17.1%	0.4%
Commodities	579	-22%	-25%	4.7%	167	-20%	-34%	4.2%
Currencies	183	58%	-0.1%	1.5%	87	60%	10.4%	2.2%
Equities	107	-45%	220%	0.9%	34	-42%	171%	0.9%
Leveraged Stocks	58	-2.6%	16.0%	0.5%	18	-28%	5.3%	0.4%
Fixed Income	28	-11.6%	57%	0.2%	12	-54%	22%	0.3%
Leveraged Commodities	18	-38%	-31%	0.1%	10	-23%	-36%	0.3%
Basket	3		221%	0.0%	0.2		99%	0.0%
Leveraged Currencies	2	NA	107%	0.0%	0.6	286%	23%	0.0%
<b>Total</b>	<b>12,441</b>	<b>-2.0%</b>	<b>-3.2%</b>	<b>100%</b>	<b>4,015</b>	<b>0.1%</b>	<b>-1.0%</b>	<b>100%</b>

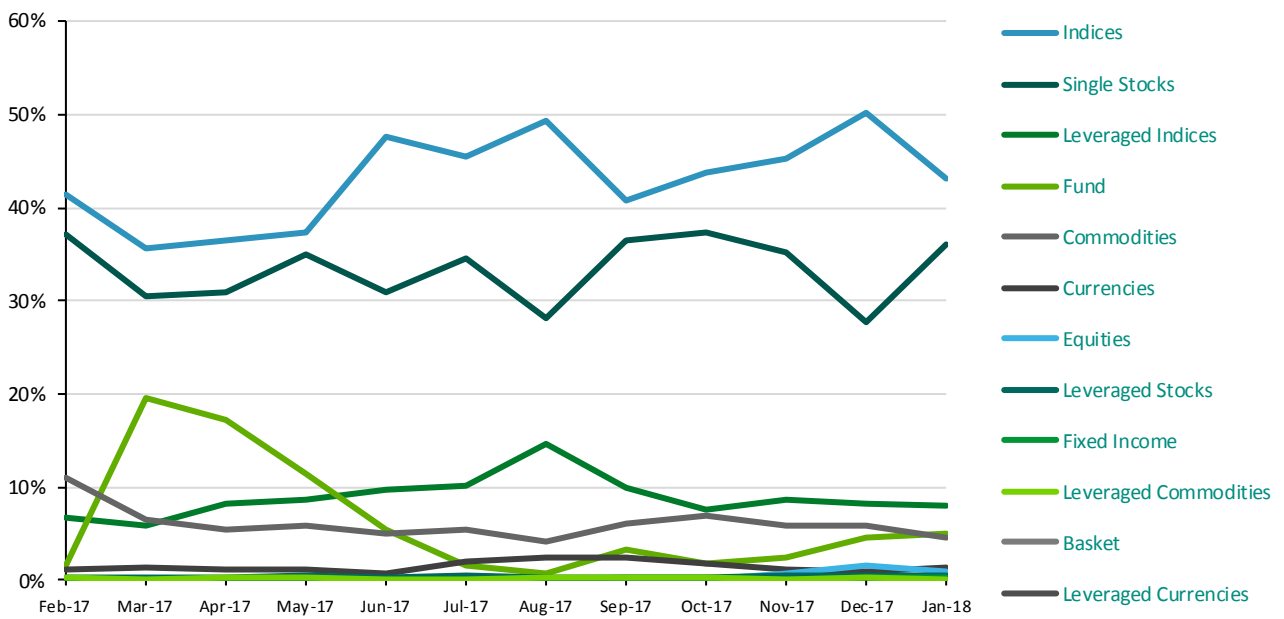
(Source Euronext)



# UNDERLYING TYPES

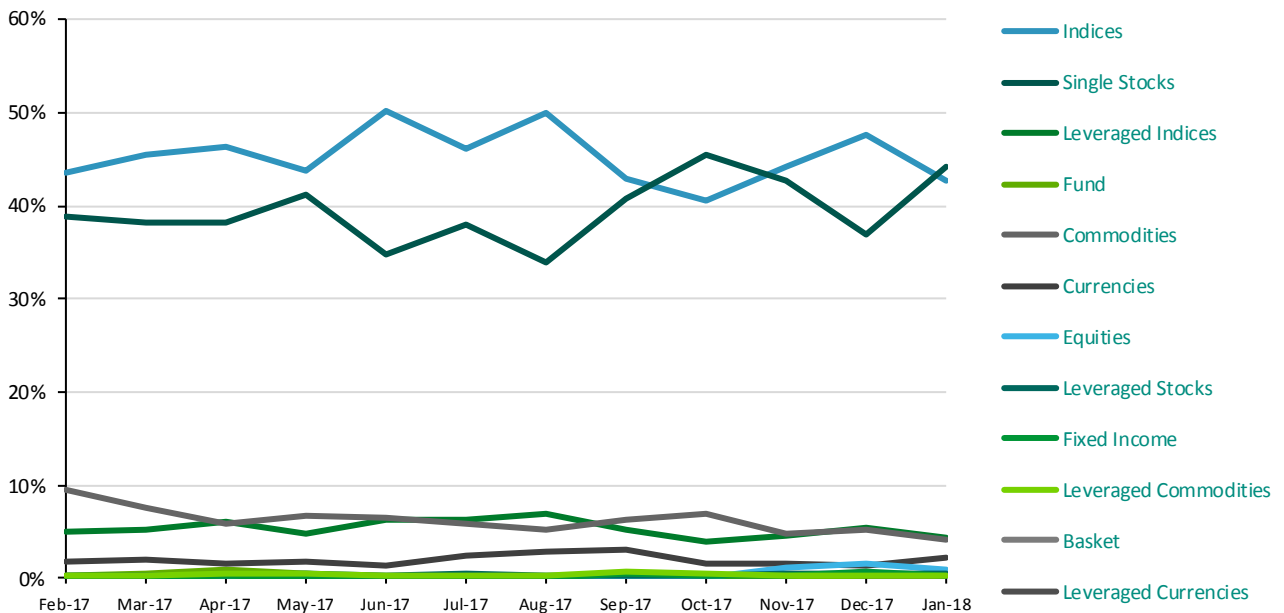
## Market Trend: Value traded

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

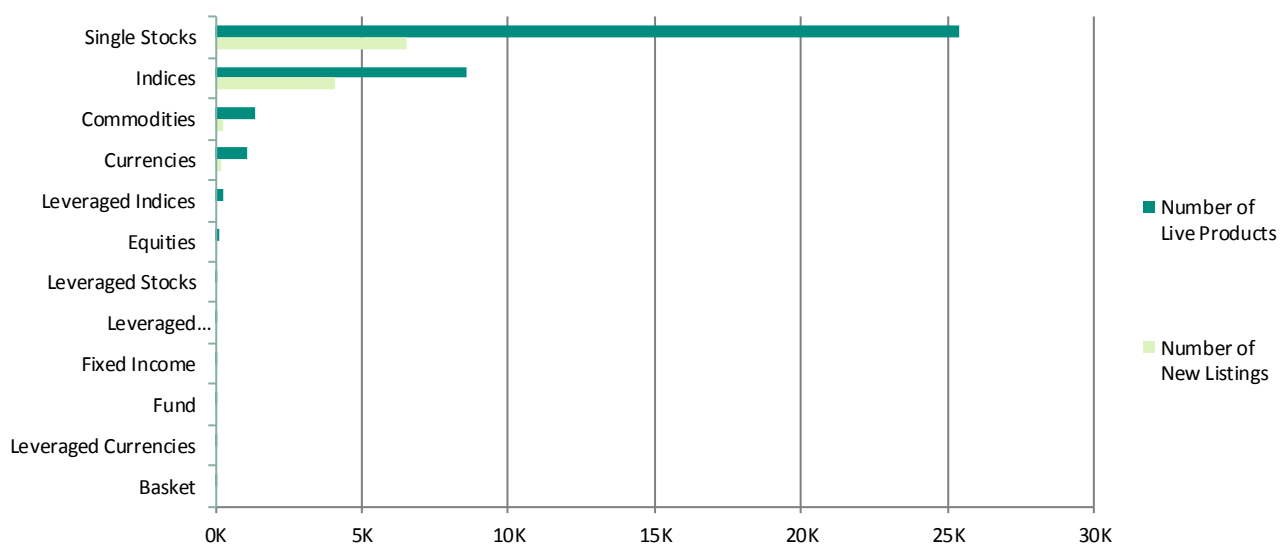
## Product Overview

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	25,397	-8.2%	-1.0%	68.6%	6,499	112%	18.2%	58.8%
Indices	8,582	-1.8%	10.9%	23.2%	4,041	87%	45%	36.6%
Commodities	1,321	-3.9%	-7.7%	3.6%	283	74%	3.5%	2.6%
Currencies	1,059	-7.0%	8.9%	2.9%	187	-10.5%	9.6%	1.7%
Leveraged Indices	265	-4.7%	-5.0%	0.7%	0		-100%	0.0%
Equities	85	0.7%	96%	0.2%	20	-47%	45%	0.2%
Leveraged Stocks	83	-1.1%	14.8%	0.2%	0		-100%	0.0%
Leveraged Commodities	76	-1.2%	12.7%	0.2%	0		-100%	0.0%
Fixed Income	74	1.2%	16.6%	0.2%	13		232%	0.1%
Fund	65	2.5%	15.5%	0.2%	1	-50%	-29%	0.0%
Leveraged Currencies	10	0.0%	0.6%	0.0%	0			0.0%
Basket	4	-3.4%	7.6%	0.0%	0	-100%	-100%	0.0%
<b>Total</b>	<b>37,023</b>	<b>-6.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>11,044</b>	<b>96.2%</b>	<b>25.5%</b>	<b>100%</b>

(Source Euronext)

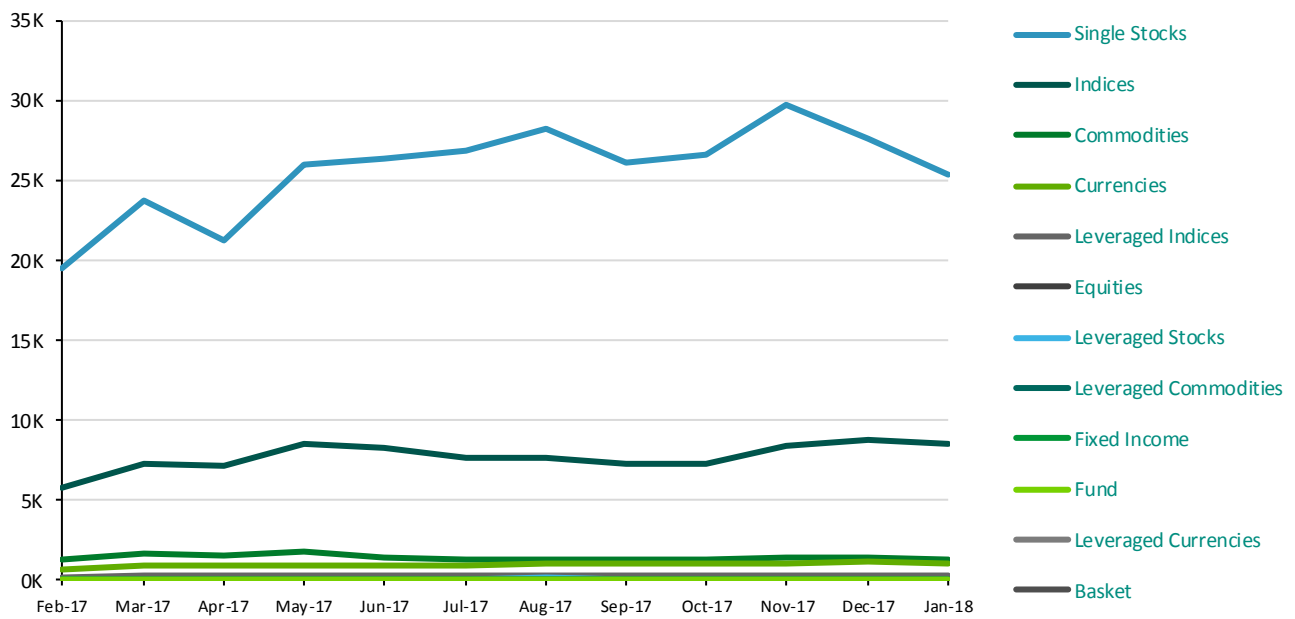




# UNDERLYING TYPES

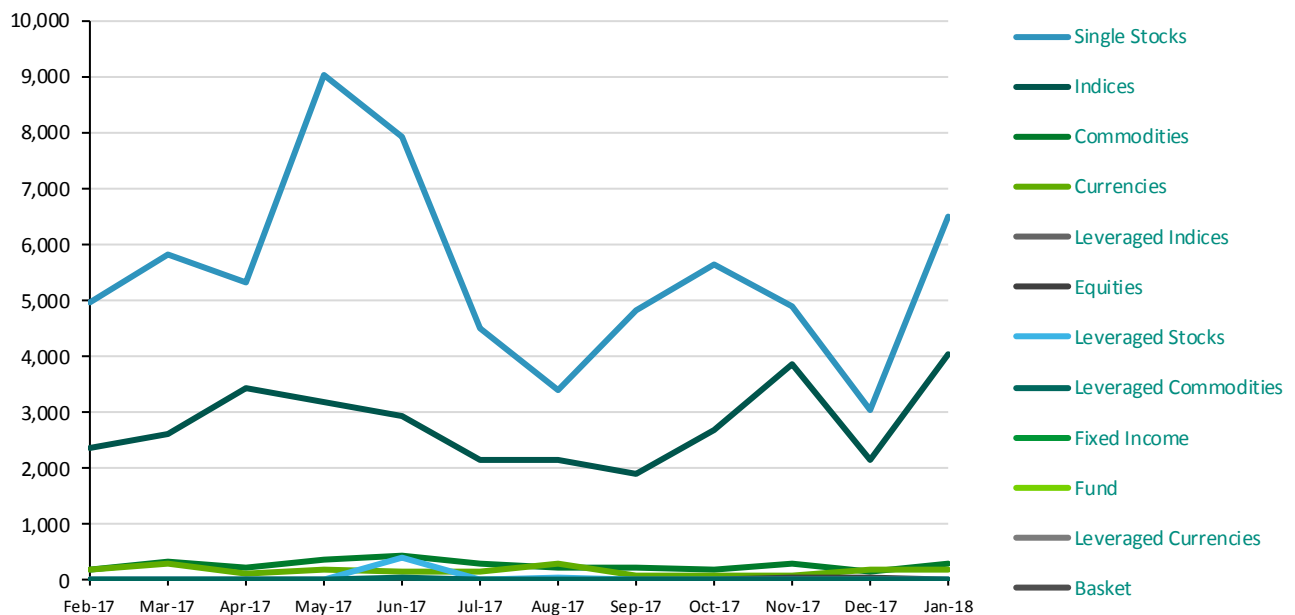
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYING COUNTRIES

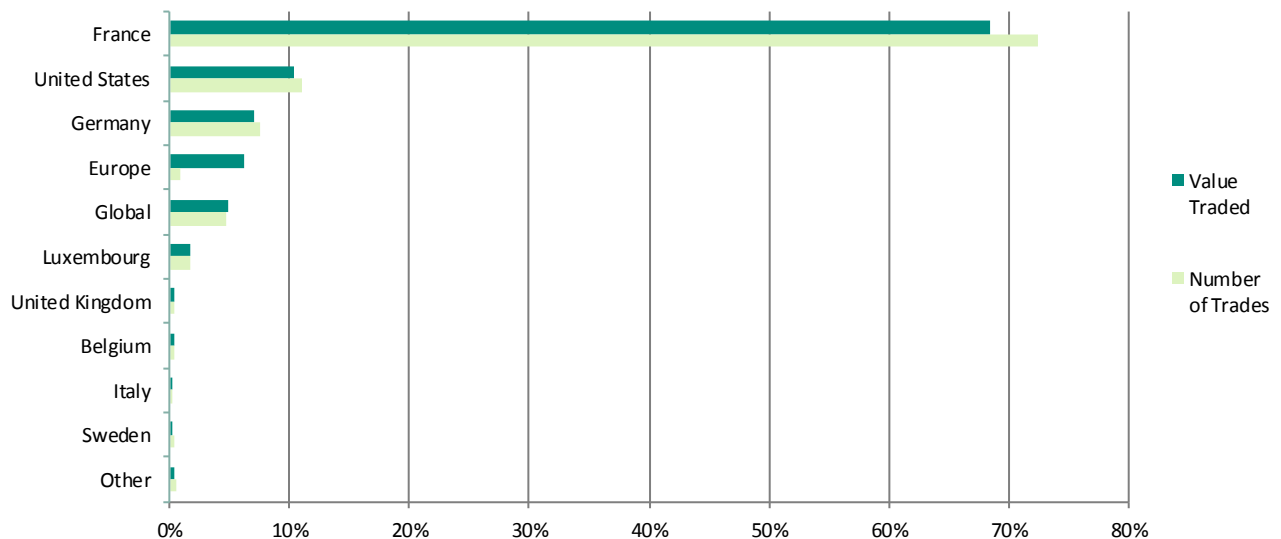
## Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	8,520	-3.0%	-6.9%	68.5%	2,907	-0.9%	-3.8%	72.4%
United States	1,282	21%	49%	10.3%	445	38%	39%	11.1%
Germany	876	-10.6%	26%	7.0%	305	-7.3%	14.5%	7.6%
Europe	763	15.4%	-18.4%	6.1%	36	32%	7.4%	0.9%
Global	613	-22%	-27%	4.9%	189	-22%	-35%	4.7%
Luxembourg	218	-16.0%	37%	1.8%	65	-15.2%	33%	1.6%
United Kingdom	40	68%	36%	0.3%	15	-24%	30%	0.4%
Belgium	37	35%	45%	0.3%	14	41%	43%	0.4%
Italy	25	168%	-27%	0.2%	4.5	-28%	-35%	0.1%
Sweden	23	73%		0.2%	12	55%		0.3%
Other	44	-50%	-63%	0.4%	21	-43%	-49%	0.5%
<b>Total</b>	<b>12,441</b>	<b>-2.0%</b>	<b>-3.2%</b>	<b>100%</b>	<b>4,015</b>	<b>0.1%</b>	<b>-1.0%</b>	<b>100%</b>

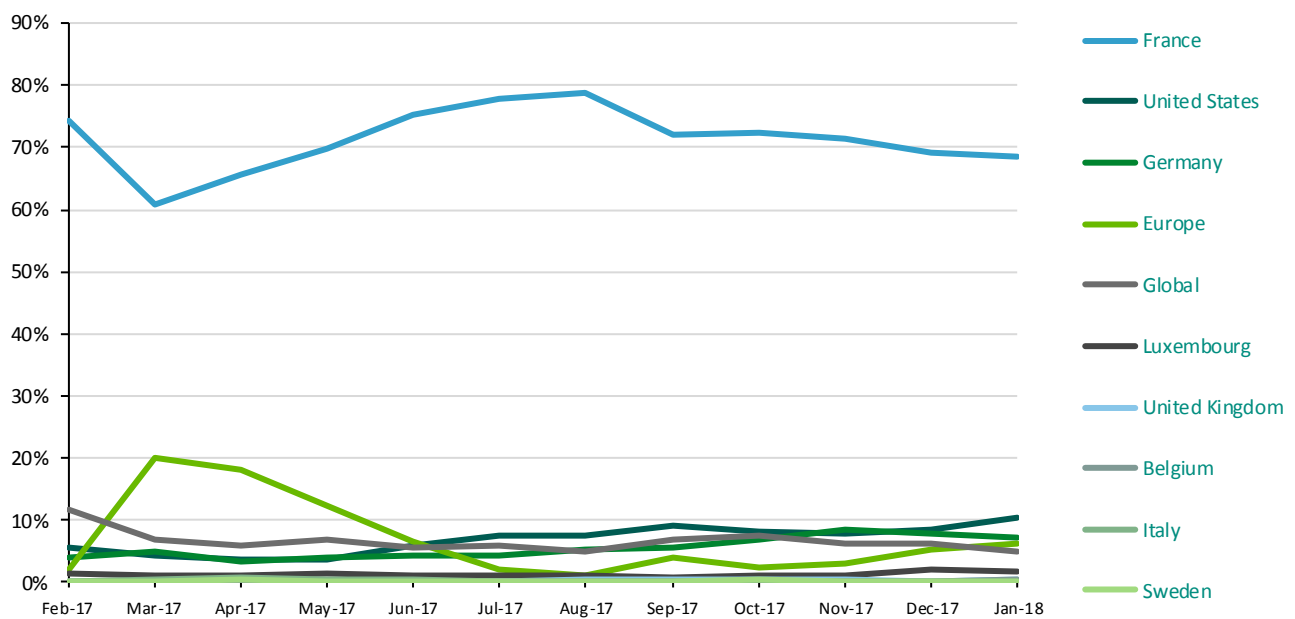
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

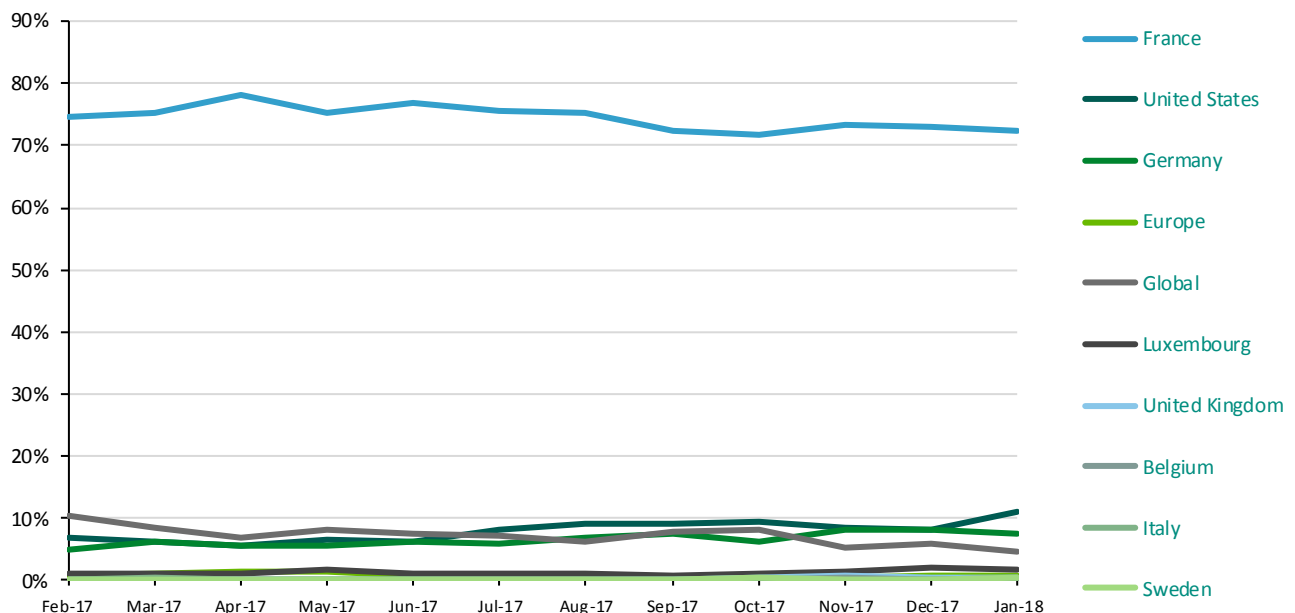
## Market Trend: Value traded

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

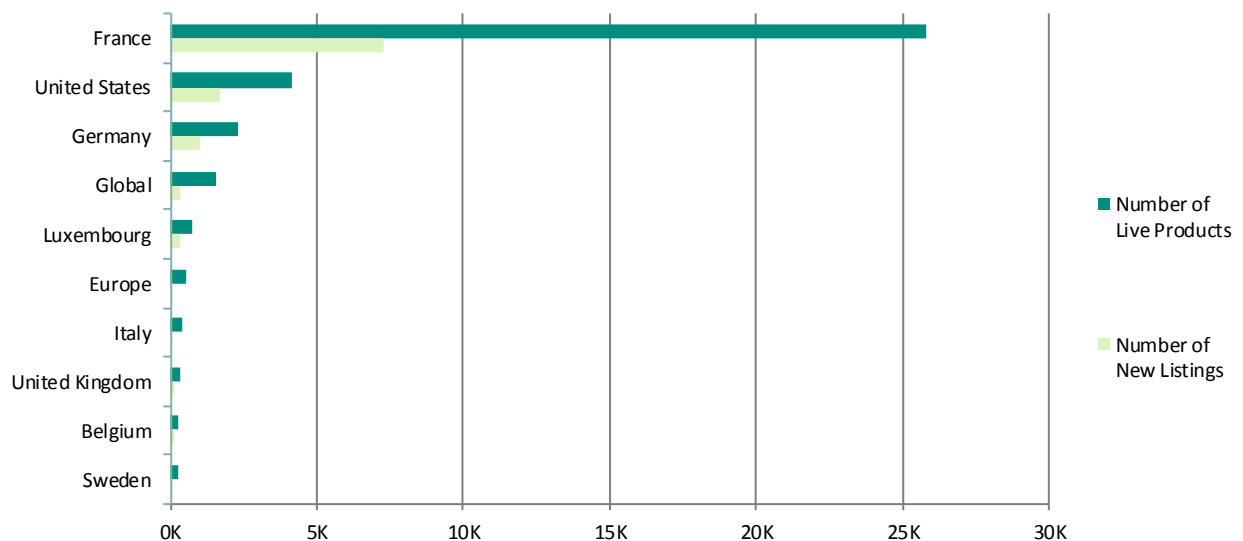
## Product Overview

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	25,798	-7.7%	0.1%	69.7%	7,258	95%	13.8%	65.7%
United States	4,127	-3.1%	10.3%	11.1%	1,700	83%	87%	15.4%
Germany	2,307	-3.9%	2.1%	6.2%	975	220%	64%	8.8%
Global	1,562	-4.2%	-6.3%	4.2%	295	71%	0.1%	2.7%
Luxembourg	766	4.5%	14.9%	2.1%	293	27%	53%	2.7%
Europe	535	-2.7%	6.0%	1.4%	80	17.6%	4.6%	0.7%
Italy	368	3.9%	19.8%	1.0%	76	130%	34%	0.7%
United Kingdom	312	4.5%	39%	0.8%	102	100%	72%	0.9%
Belgium	262	3.9%	24%	0.7%	85	431%	82%	0.8%
Sweden	229	-16.3%	-21%	0.6%	28	3.7%	-44%	0.3%
Other	757	-16.6%	0.0%	2.0%	152	77%	8.7%	1.4%
<b>Total</b>	<b>37,023</b>	<b>-6.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>11,044</b>	<b>96.2%</b>	<b>25.5%</b>	<b>100%</b>

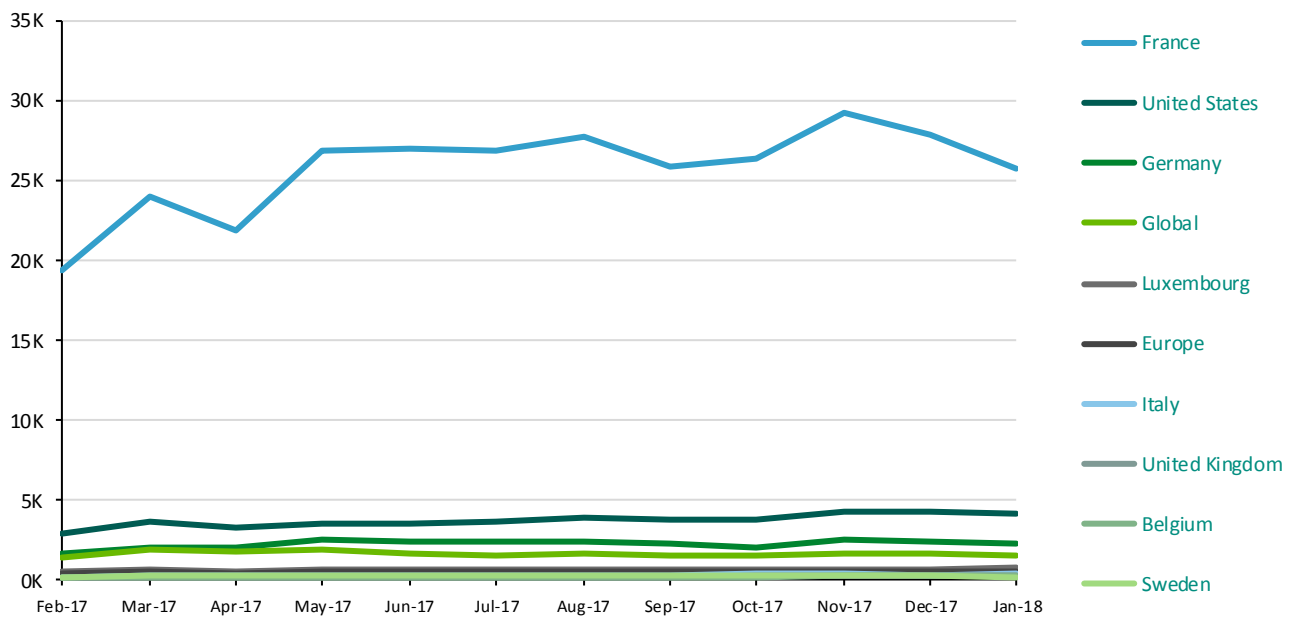
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

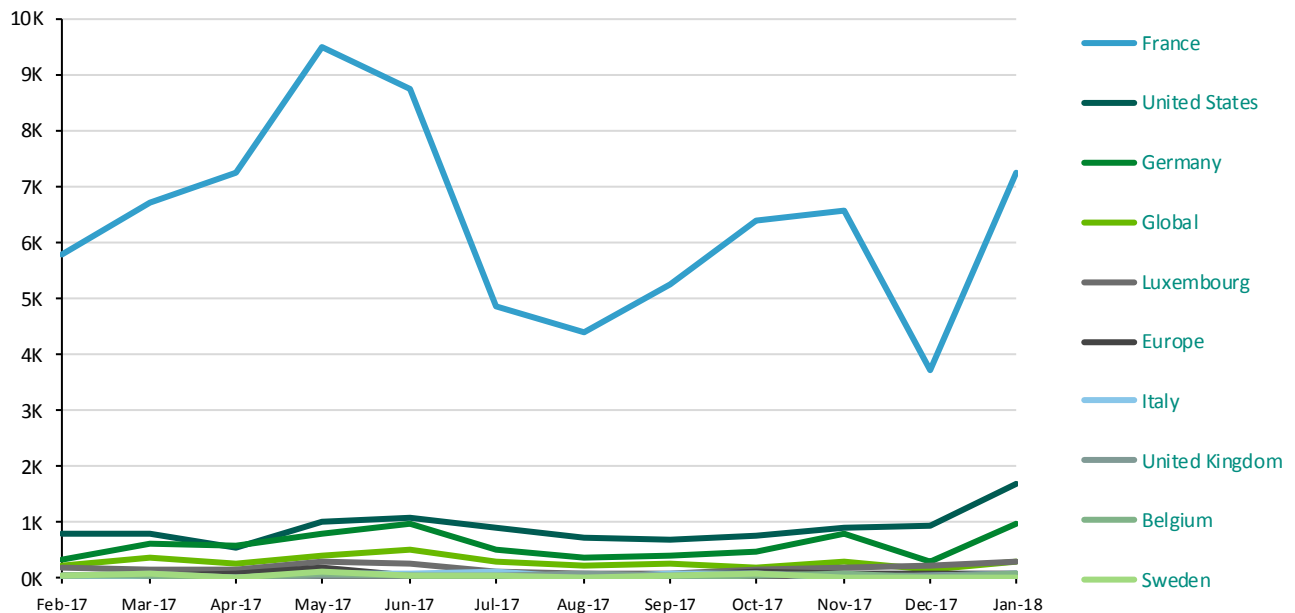
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

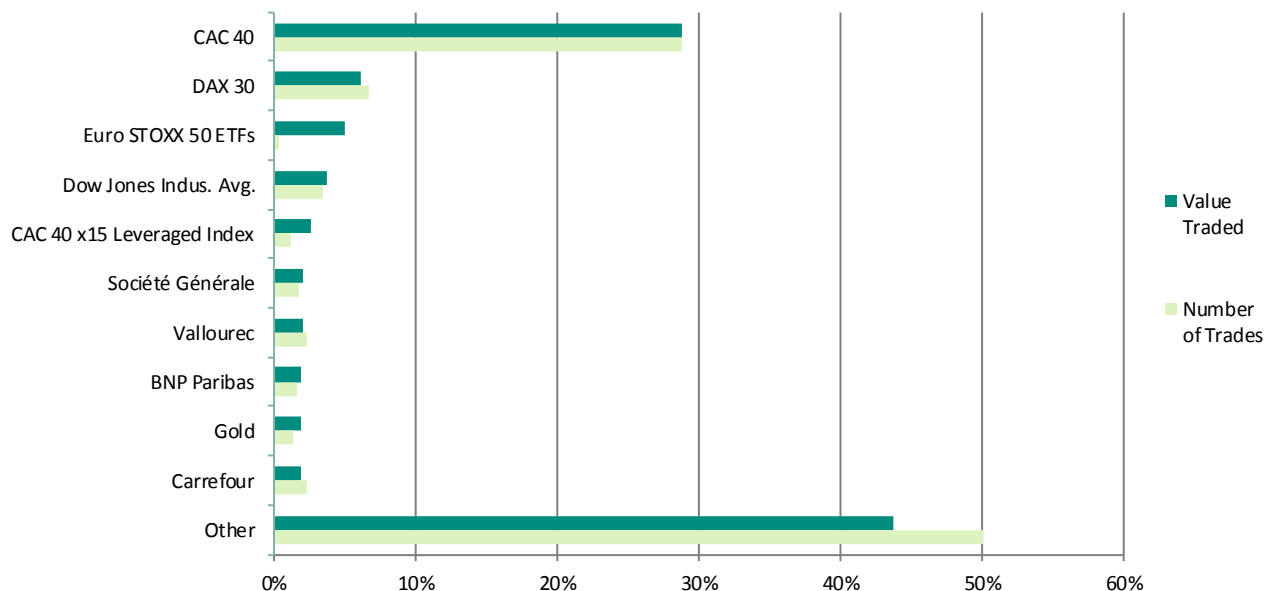
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	3,589	-18.5%	-13.9%	28.8%	1,157	-15.6%	-16.1%	28.8%
DAX 30	764	-15.0%	23%	6.1%	271	-4.7%	14.8%	6.7%
Euro STOXX 50 ETFs	627	5.5%	-26%	5.0%	16	85%	22%	0.4%
Dow Jones Indus. Avg.	467	27%	111%	3.8%	136	22%	62%	3.4%
CAC 40 x15 Leveraged Index	317	-1.9%	-10.7%	2.5%	46	-32%	-15.5%	1.1%
Société Générale	258	-17.7%	-43%	2.1%	71	-15.4%	-40%	1.8%
Vallourec	257	28%	14.5%	2.1%	94	-2.2%	12.0%	2.3%
BNP Paribas	242	-13.2%	-2.1%	1.9%	63	-27%	-18.6%	1.6%
Gold	238	-1.5%	15.6%	1.9%	55	-27%	-14.0%	1.4%
Carrefour	228	119%	93%	1.8%	91	64%	64%	2.3%
Other	5,453	9.8%	1.0%	43.8%	2,014	13.6%	6.7%	50.2%
<b>Total</b>	<b>12,441</b>	<b>-2.0%</b>	<b>-3.2%</b>	<b>100%</b>	<b>4,015</b>	<b>0.1%</b>	<b>-1.0%</b>	<b>100%</b>

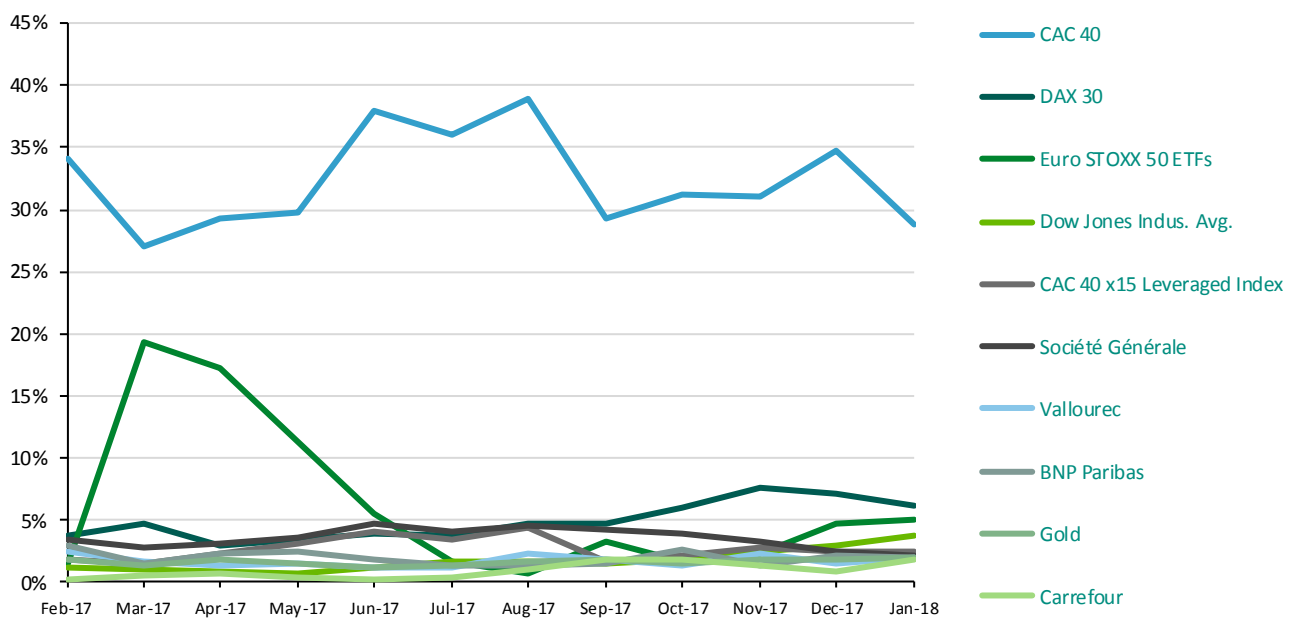
(Source Euronext)



# TOP 10 UNDERLYINGS

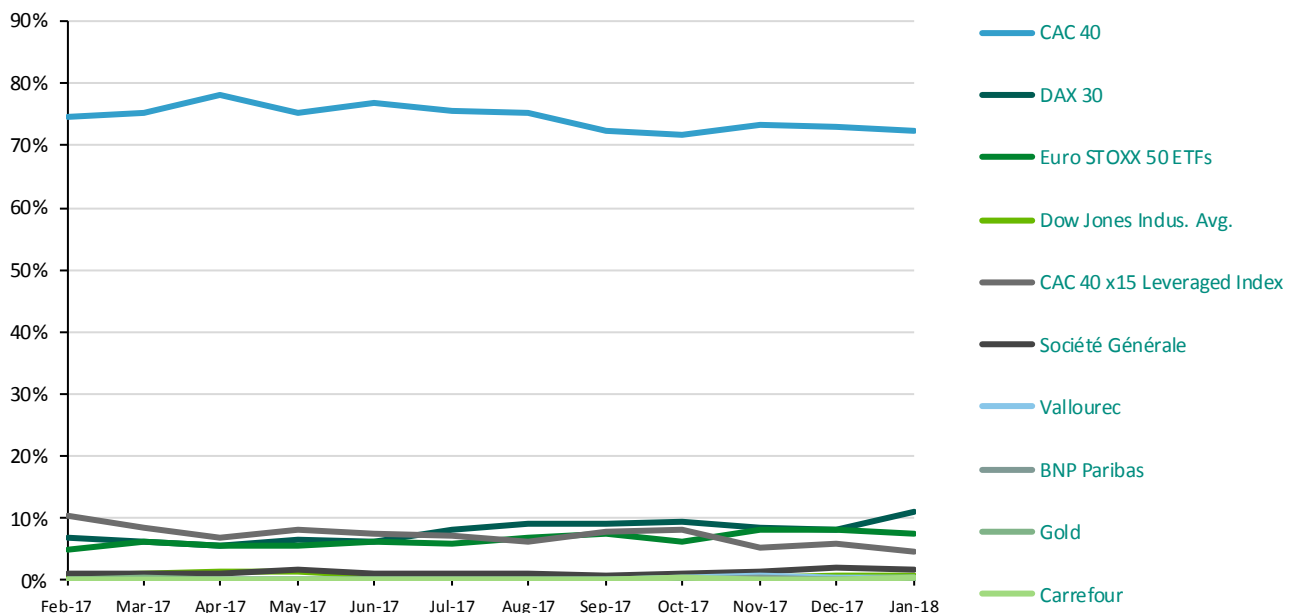
## Market Trend: Value traded

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

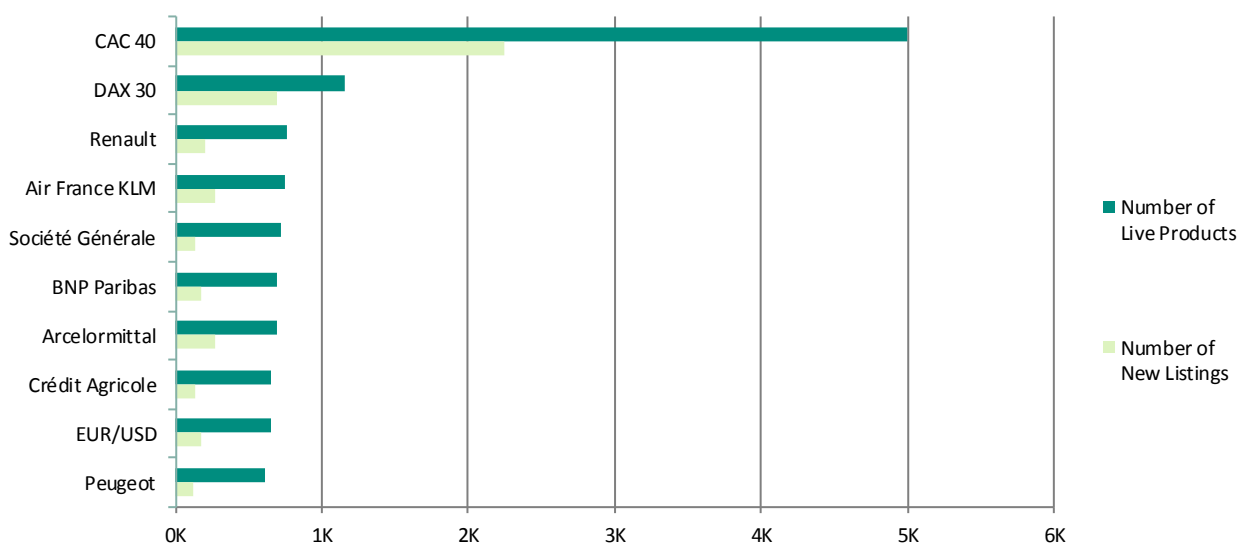
## Product Overview

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	5,004	-2.8%	13.1%	13.5%	2,252	51%	18.2%	20.4%
DAX 30	1,161	-2.6%	-1.9%	3.1%	688	200%	93%	6.2%
Renault	757	-9.5%	6.3%	2.0%	203	190%	29%	1.8%
Air France KLM	751	-8.0%	-1.8%	2.0%	274	116%	7.8%	2.5%
Société Générale	713	-6.8%	-4.6%	1.9%	136	66%	-12.5%	1.2%
BNP Paribas	693	-6.9%	-4.0%	1.9%	168	143%	12.4%	1.5%
Arcelormittal	688	4.7%	14.9%	1.9%	274	46%	56%	2.5%
Crédit Agricole	656	-7.3%	-0.2%	1.8%	132	50%	-11.5%	1.2%
EUR/USD	648	-5.5%	19.7%	1.8%	170	11.8%	43%	1.5%
Peugeot	604	-6.7%	3.6%	1.6%	116	0.0%	-2.6%	1.1%
Other	25,348	-7.5%	-0.5%	68.5%	6,631	120%	26%	60.0%
Total	37,023	-6.5%	1.7%	100%	11,044	96.2%	25.5%	100%

(Source Euronext)

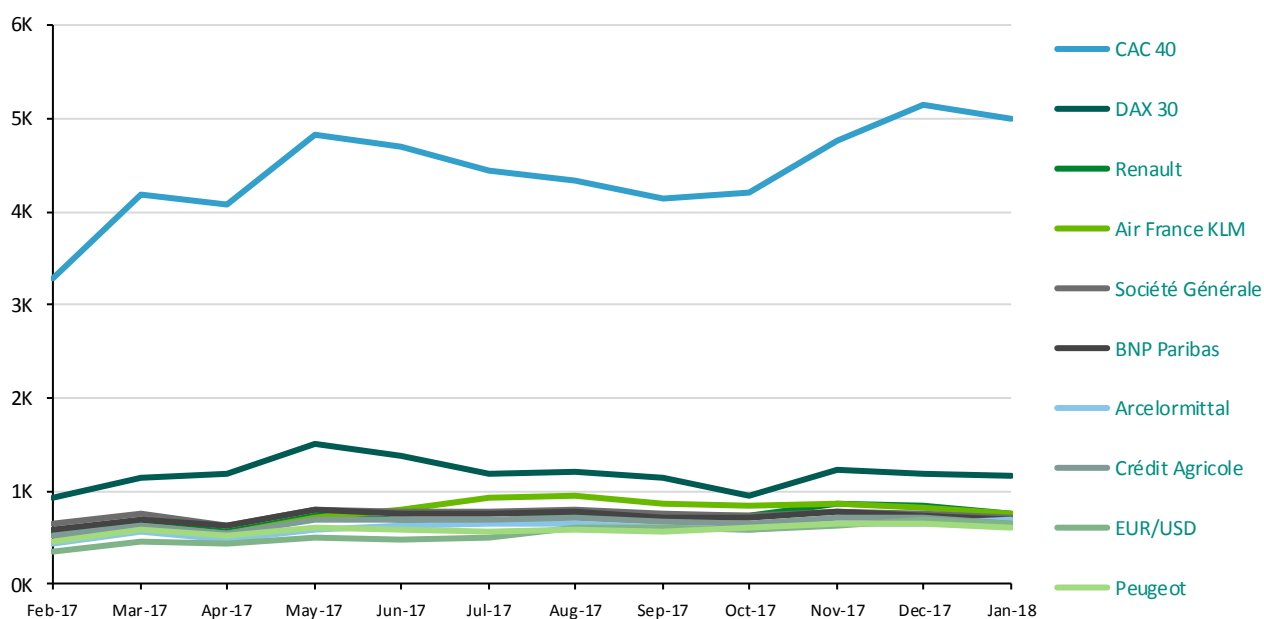




# TOP 10 UNDERLYINGS

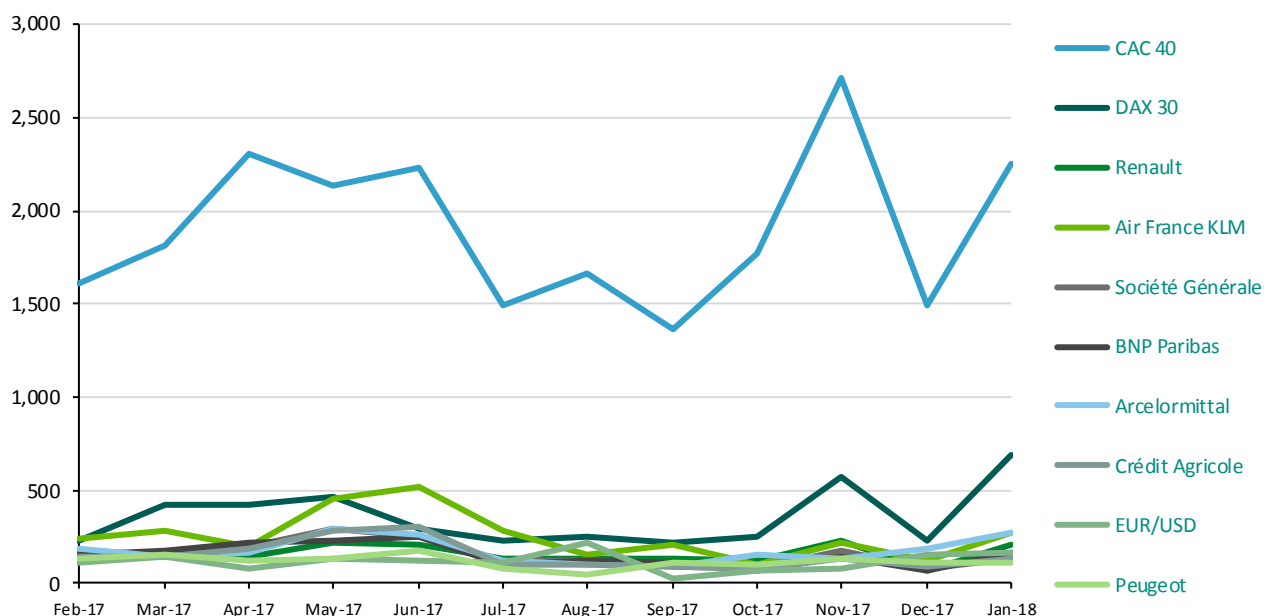
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NL0012355416	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	24,206	394
FR0013188612	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	6,884	496
DE000CV2EZS7	Commerzbank	2210   Mini-Futures	Dow Jones Indus. Avg.	5,865	60
DE000CD5NZY1	Commerzbank	2300   Constant Leverage Certificate	CAC 40	5,374	998
FR0013217940	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,952	982
DE000CE8WCF3	Commerzbank	2300   Constant Leverage Certificate	CAC 40	4,292	1,506
DE000CZ28ZJ7	Commerzbank	2300   Constant Leverage Certificate	CAC 40	4,219	1,070
FR0011630474	Société Générale	1300   Tracker Certificates	Investir 10 - Grandes Val	4,216	416
DE000VL3T1K0	Vontobel	2210   Mini-Futures	DAX 30	4,102	1,014
FRBNPP00FT79	BNP Paribas	2200   Knock-Out Warrants	CAC 40	3,973	22
FRBNPP00FFB7	BNP Paribas	2200   Knock-Out Warrants	CAC 40	3,881	4
DE000CV5YAG6	Commerzbank	2200   Knock-Out Warrants	CAC 40	3,709	328
FRBNPP00FT20	BNP Paribas	2200   Knock-Out Warrants	CAC 40	3,549	6
FRBNPP00CJC4	BNP Paribas	1250   Capped Bonus Certificates	Euro STOXX 50	3,535	24
DE000CQ1QG26	Citi	2200   Knock-Out Warrants	CAC 40	3,459	248
FR0010511535	Société Générale	1300   Tracker Certificates	Brent	3,291	284
LU1555075784	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	3,196	858
FR0011119395	Société Générale	2300   Constant Leverage Certificate	CAC 40 x7 Leveraged Index	3,190	294
FR0010961078	Société Générale	2300   Constant Leverage Certificate	CAC 40 x5 Leveraged Index	3,062	418
FR0013101565	Société Générale	2300   Constant Leverage Certificate	CAC 40 x10 Leveraged Index	2,977	456
NL0012421200	BNP Paribas	2100   Warrants	CAC 40	2,940	260
DE000CK9Q4Q0	Commerzbank	2210   Mini-Futures	Ubisoft	2,935	68
DE000CE4UKZ7	Commerzbank	2300   Constant Leverage Certificate	Gold	2,884	246
FR0011214527	Société Générale	2300   Constant Leverage Certificate	CAC 40 x10 Leveraged Index	2,749	544
DE000CY4APT7	Citi	2210   Mini-Futures	DAX 30	2,643	52
FRBNPP00FFA9	BNP Paribas	2200   Knock-Out Warrants	CAC 40	2,641	4
FRBNPP00G5D8	BNP Paribas	2200   Knock-Out Warrants	CAC 40	2,571	18
LU1555074977	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Leveraged Index	2,347	480
LU1547701190	Société Générale	2205   Open-End Knock-Out Warrants	BNP Paribas	2,302	58
FRBNPP00HYJ7	BNP Paribas	2200   Knock-Out Warrants	DAX 30	2,284	82
FR0013224920	Société Générale	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	2,058	784
DE000CY5AW73	Citi	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	2,055	86
FRBNPP00GXN3	BNP Paribas	2200   Knock-Out Warrants	CAC 40	2,018	144
NL0012645014	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	1,994	30
DE000CV2ER00	Commerzbank	2210   Mini-Futures	Altice	1,984	130
LU1555075438	Société Générale	2300   Constant Leverage Certificate	CAC 40 x12 Short Index	1,913	230
FRBNPP00GRO3	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,867	192
FRBNPP00FYT0	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	1,833	470
FR0010673350	Société Générale	1300   Tracker Certificates	Gold	1,805	114
DE000CV2DUE0	Commerzbank	2200   Knock-Out Warrants	CAC 40	1,762	284
FRBNPP00FTE2	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,738	354
DE000CV2DU97	Commerzbank	2200   Knock-Out Warrants	CAC 40	1,677	48
DE000CN4ZH02	Commerzbank	2210   Mini-Futures	Renault	1,645	78
DE000HV1SDJ0	Unicredit	2210   Mini-Futures	DAX 30	1,605	200
DE000CY5AML8	Citi	2100   Warrants	Air France KLM	1,593	190
FRBNPP00I5E4	BNP Paribas	2200   Knock-Out Warrants	DAX 30	1,569	66
NL0012630404	BNP Paribas	2100   Warrants	CAC 40	1,554	394
LU1612153848	Société Générale	2210   Mini-Futures	CAC 40	1,540	396
DE000CY92GR9	Citi	2200   Knock-Out Warrants	Société Générale	1,520	90
DE000CD9FR26	Commerzbank	2210   Mini-Futures	S&P 500 Index	1,490	10

(Source Euronext)



# ACCESS LARGE-IN- SCALE BLOCK LIQUIDITY IN A TRUSTED TRADING ENVIRONMENT

## EURONEXTBLOCK

Prepare for MiFID II go-live by asking your broker about access to Euronext Block. A dedicated trading platform for large block orders across pan-European equities and ETFs, featuring targeted Invitation-to-Trade (ITT) messaging and true price discovery.

For more information

[euronext.com/blockmtf](https://euronext.com/blockmtf)

or contact us

[blockmtf@euronext.com](mailto:blockmtf@euronext.com)



### Disclaimer

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided "as is" without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext's subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext. Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at <https://www.euronext.com/terms-use>. © 2017, Euronext N.V. - All rights reserved.

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided "as is" without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext's subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext.

All data as of the date of publication unless stated otherwise. Euronext disclaims any duty to update this information.

Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at <https://www.euronext.com/terms-use>.

© 2018, Euronext N.V. - All rights reserved.

(1) The EUSIPA codes are numeric categorization labels for the payoff of note-based structured products. They are based on the EUSIPA Map© which is intellectual property of EUSIPA, the European Structured Investment Products Association a.i.s.b.l., a non-profit association incorporated under Belgian law. EUSIPA reserves the right to regularly update the Map without prior public or individual notification. The updated version of the EUSIPA Map will be made available to the public via the EUSIPA website (<http://www.eusipa.org/governance/categorisation>).

The codes of the EUSIPA Map can be used free of charge by professional market participants. EUSIPA does not assume any liability for the usage of the Map or its single codes by third parties.