



warrants and certificates

# Activity report

Issue 87  
October 2018

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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 31/10/2018)	20,021	877	1,410	41,906	<b>64,214</b>
New Products	7,318	338	361	19,805	<b>27,822</b>
New Products YTD	46,197	2,289	3,627	116,564	<b>168,677</b>
Value Traded (in €m)	542.5	27.1	48.8	378.0	<b>996.4</b>
Value Traded YTD (in €m)	5,090.9	121.6	594.8	2,848.7	<b>8,655.9</b>
Value Traded ADV (in €m)	23.6	1.2	2.1	16.4	<b>43.3</b>
Value Traded YTD ADV (in €m)	23.4	0.6	2.7	13.1	<b>39.7</b>
Number of Trades	186,727	6,236	6,626	144,008	<b>343,597</b>
Number of Trades YTD	1,604,943	54,934	73,359	1,024,977	<b>2,758,213</b>
Number of Trades ADV	8,119	271	288	6,261	<b>14,939</b>
Number of Trades YTD ADV	7,362	252	337	4,702	<b>12,652</b>

(Source Euronext)

# EURONEXT'S BEST OF BOOK DELIVERING SUPERIOR EXECUTION TO RETAIL INVESTORS



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# Euronext Markets

# ISSUERS

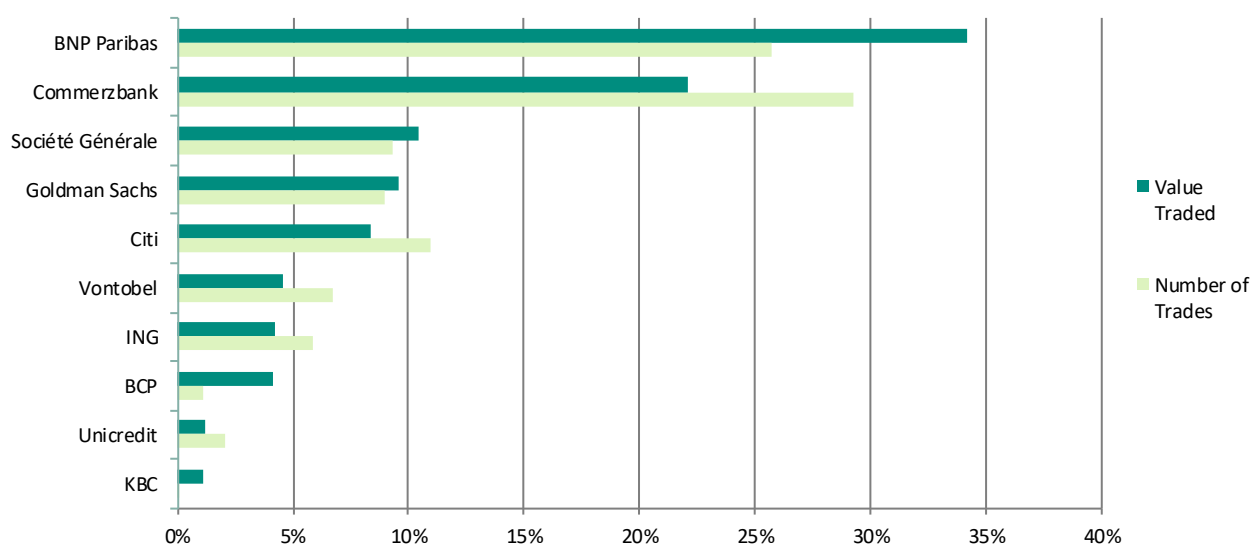
## Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	14,828	51%	9.3%	34.2%	3,848	29.2%	11.4%	25.8%
Commerzbank	9,582	21%	21%	22.1%	4,371	26.9%	31.1%	29.3%
Société Générale	4,529	92%	53%	10.5%	1,391	55.3%	36.4%	9.3%
Goldman Sachs	4,160	24%	-12.9%	9.6%	1,342	35.6%	18.5%	9.0%
Citi	3,618	29%	9.2%	8.4%	1,641	12.3%	12.5%	11.0%
Vontobel	1,989	22%	60%	4.6%	998	23.4%	48.2%	6.7%
ING	1,824	-12.4%	-41%	4.2%	873	24.2%	0.3%	5.8%
BCP	1,780	-23%	-26%	4.1%	168	-17.2%	-28.3%	1.1%
Unicredit	528	-9.0%	49%	1.2%	303	19.4%	73.3%	2.0%
KBC	482	NA	872%	1.1%	3.9	759.9%	284.0%	0.0%
<b>Total</b>	<b>43,320</b>	<b>31.6%</b>	<b>9.2%</b>	<b>100%</b>	<b>14,939</b>	<b>27.2%</b>	<b>20.9%</b>	<b>100%</b>

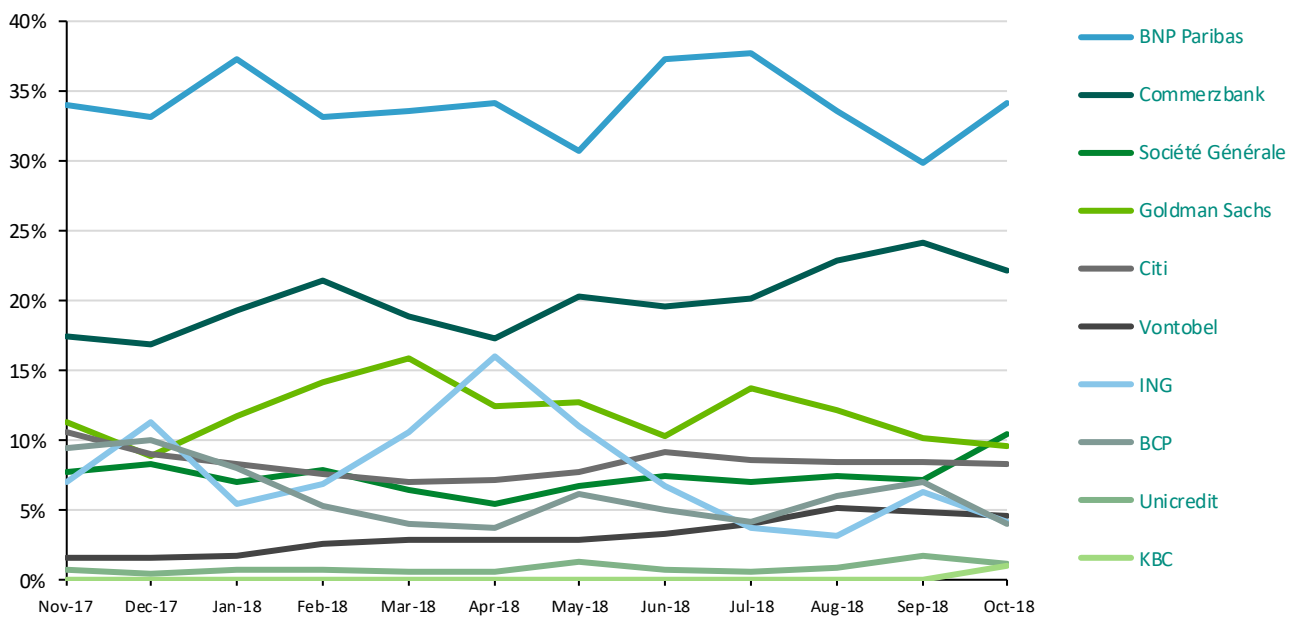
(Source Euronext)



# ISSUERS

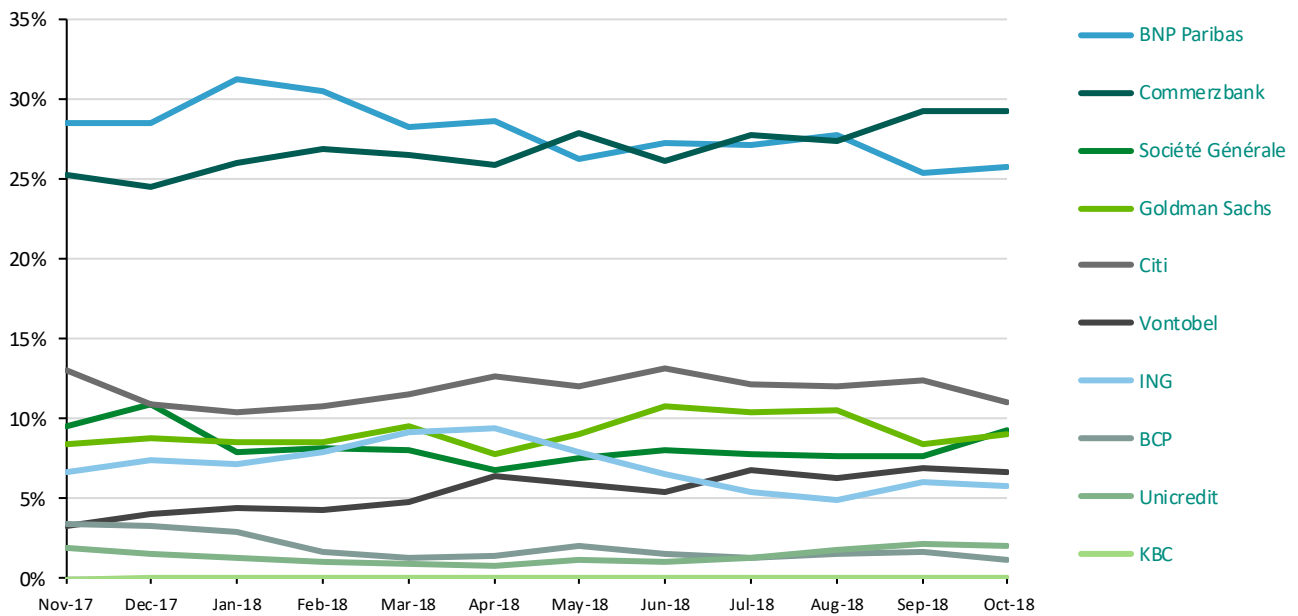
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

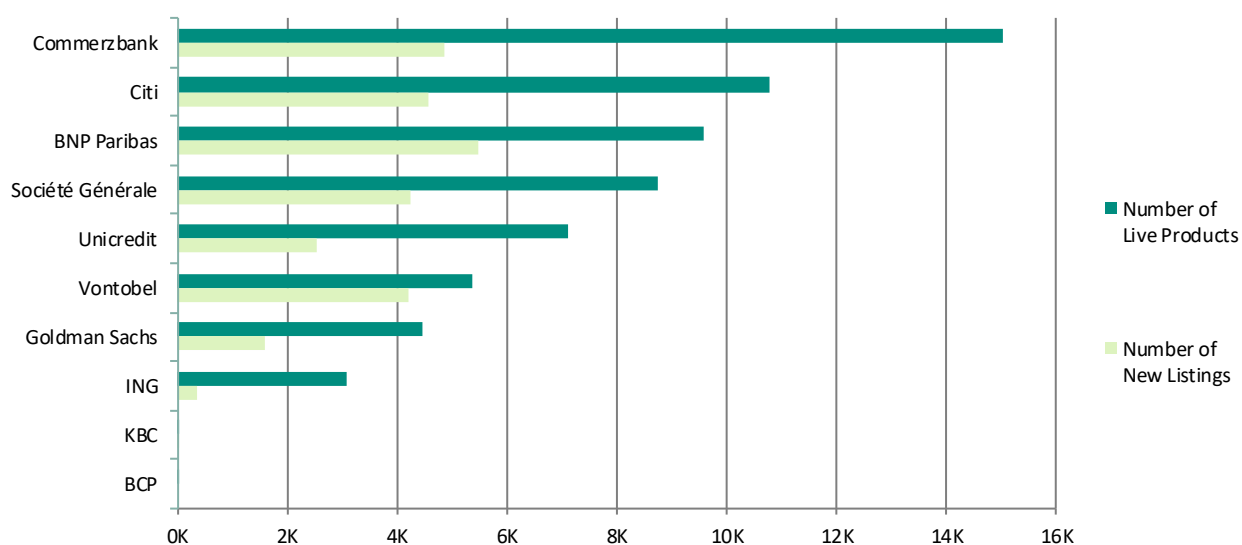
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	15,038	-2.9%	6.4%	23.4%	4,865	74%	67%	17.5%
Citi	10,784	-7.5%	-3.3%	16.8%	4,561	79%	47%	16.4%
BNP Paribas	9,604	-6.7%	-4.3%	15.0%	5,493	125%	108%	19.7%
Société Générale	8,745	-2.4%	-0.1%	13.6%	4,231	44%	89%	15.2%
Unicredit	7,103	-3.8%	14.5%	11.1%	2,552	92%	84%	9.2%
Vontobel	5,361	2.3%	12.1%	8.3%	4,198	135%	101%	15.1%
Goldman Sachs	4,451	-14.4%	-17.0%	6.9%	1,581	45%	28%	5.7%
ING	3,082	-3.2%	-2.9%	4.8%	338	43%	25%	1.2%
KBC	24	8.5%	76%	0.0%	3	50%	-2.7%	0.0%
BCP	22	0.0%	-3.5%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>64,214</b>	<b>-4.8%</b>	<b>0.9%</b>	<b>100%</b>	<b>27,822</b>	<b>83.4%</b>	<b>75.1%</b>	<b>100%</b>

(Source Euronext)

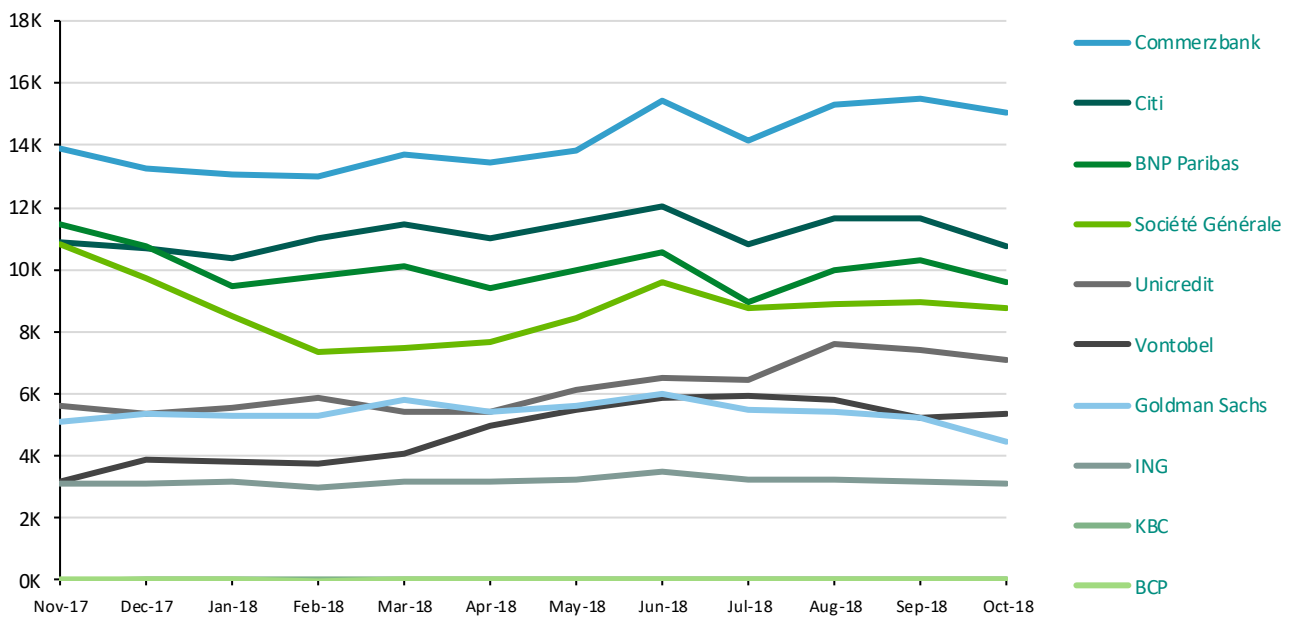




# ISSUERS

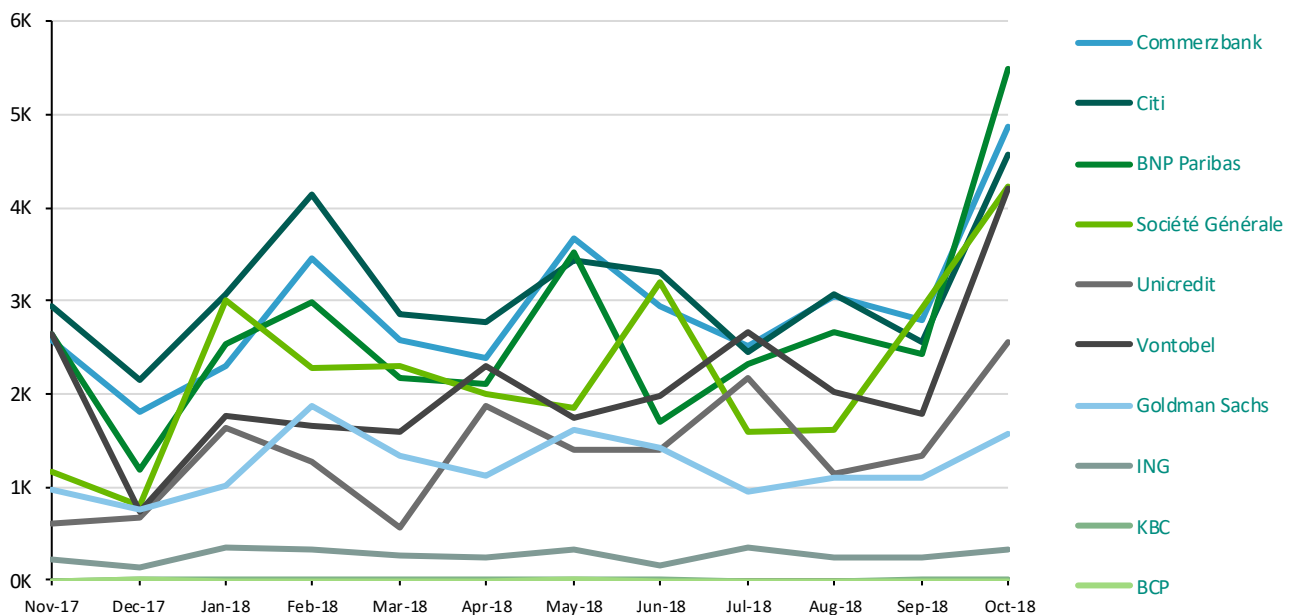
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

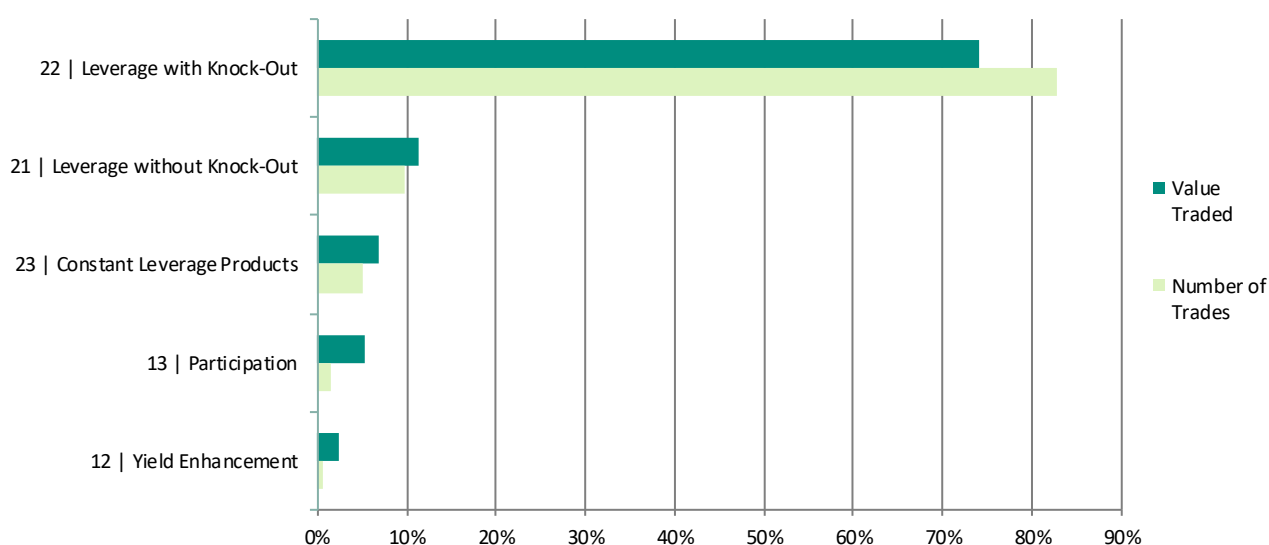
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	32,096	33%	9.7%	74.1%	12,377	26%	21%	82.9%
21   Leverage without Knock-Out	4,935	41%	-1.2%	11.4%	1,475	31%	21%	9.9%
23   Constant Leverage Products	2,997	48%	49%	6.9%	767	60%	51%	5.1%
13   Participation	2,251	-14.3%	-19.2%	5.2%	240	-5.5%	-15.1%	1.6%
12   Yield Enhancement	1,041	61%	62%	2.4%	79	-4.6%	-9.7%	0.5%
<b>Total</b>	<b>43,320</b>	<b>31.6%</b>	<b>9.2%</b>	<b>100%</b>	<b>14,939</b>	<b>27.2%</b>	<b>20.9%</b>	<b>100%</b>

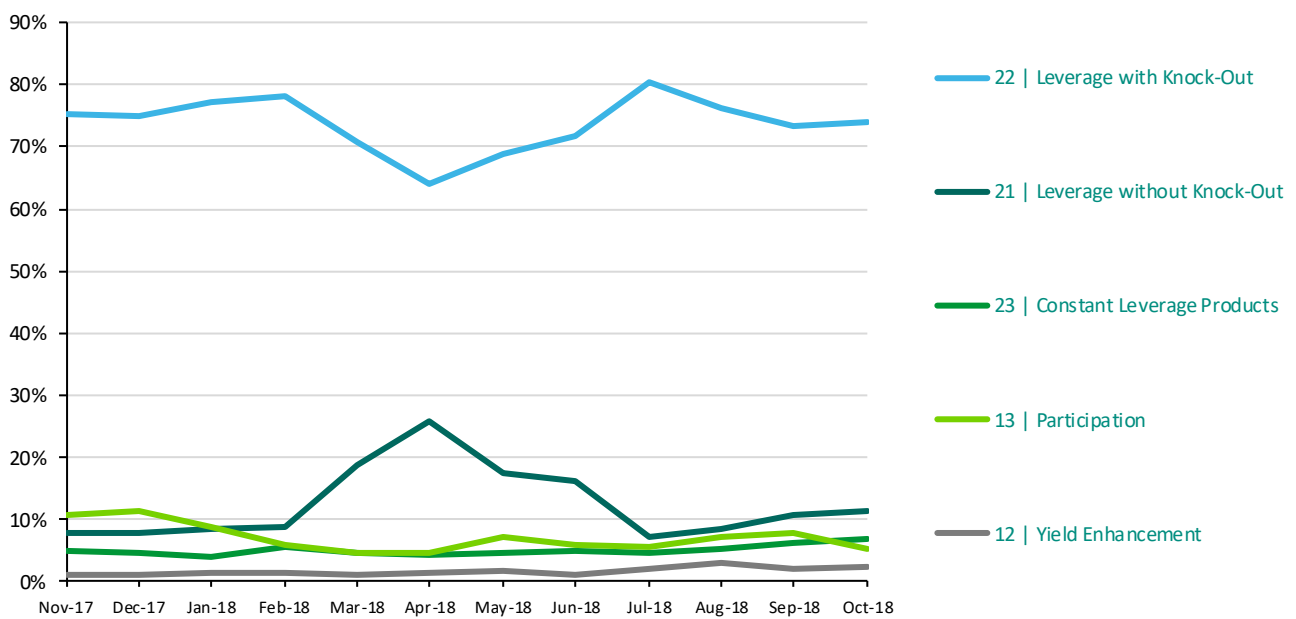
(Source Euronext)



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

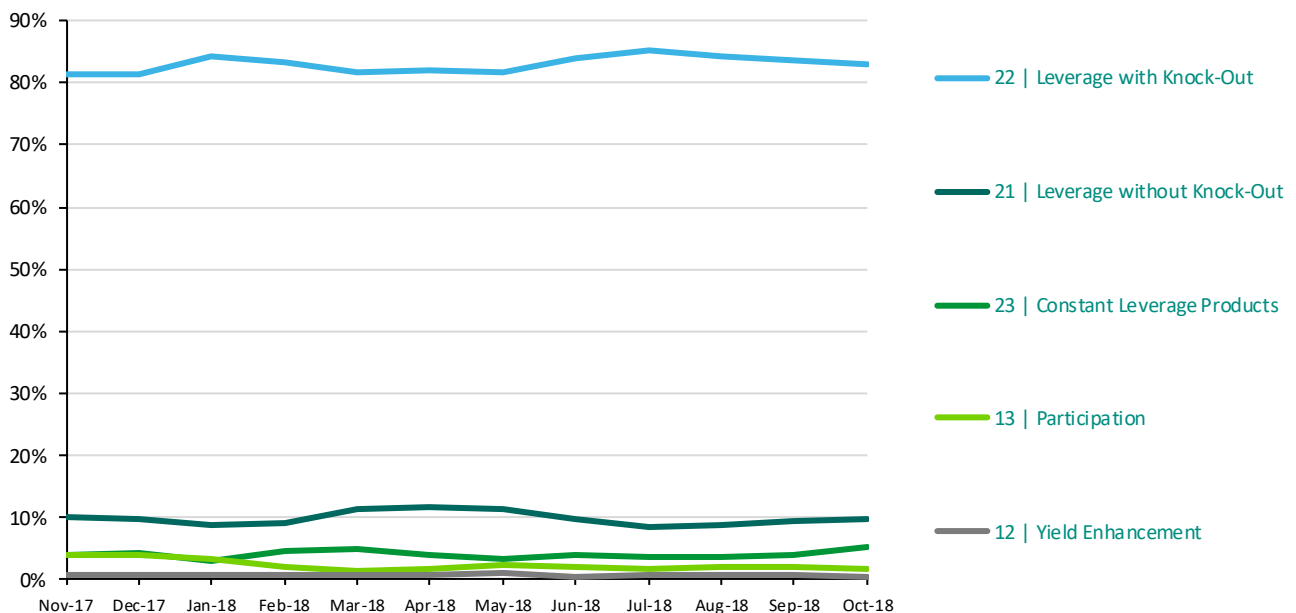
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

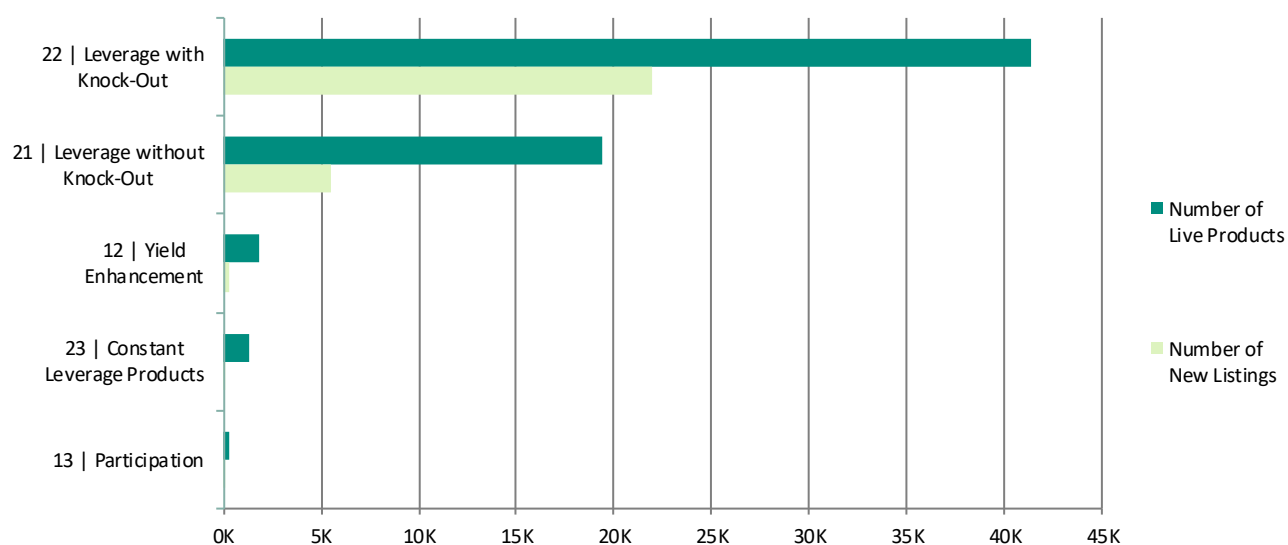
## Product Overview

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	41,418	-4.0%	0.4%	64.5%	21,981	80%	80%	79.0%
21   Leverage without Knock-Out	19,377	-7.9%	0.6%	30.2%	5,473	110%	58%	19.7%
12   Yield Enhancement	1,789	8.3%	21%	2.8%	290	1.8%	44%	1.0%
23   Constant Leverage Products	1,299	0.3%	-1.7%	2.0%	21	-19.2%	22%	0.1%
13   Participation	324	8.9%	10.6%	0.5%	57	714%	322%	0.2%
<b>Total</b>	<b>64,214</b>	<b>-4.8%</b>	<b>0.9%</b>	<b>100%</b>	<b>27,822</b>	<b>83.4%</b>	<b>75.1%</b>	<b>100%</b>

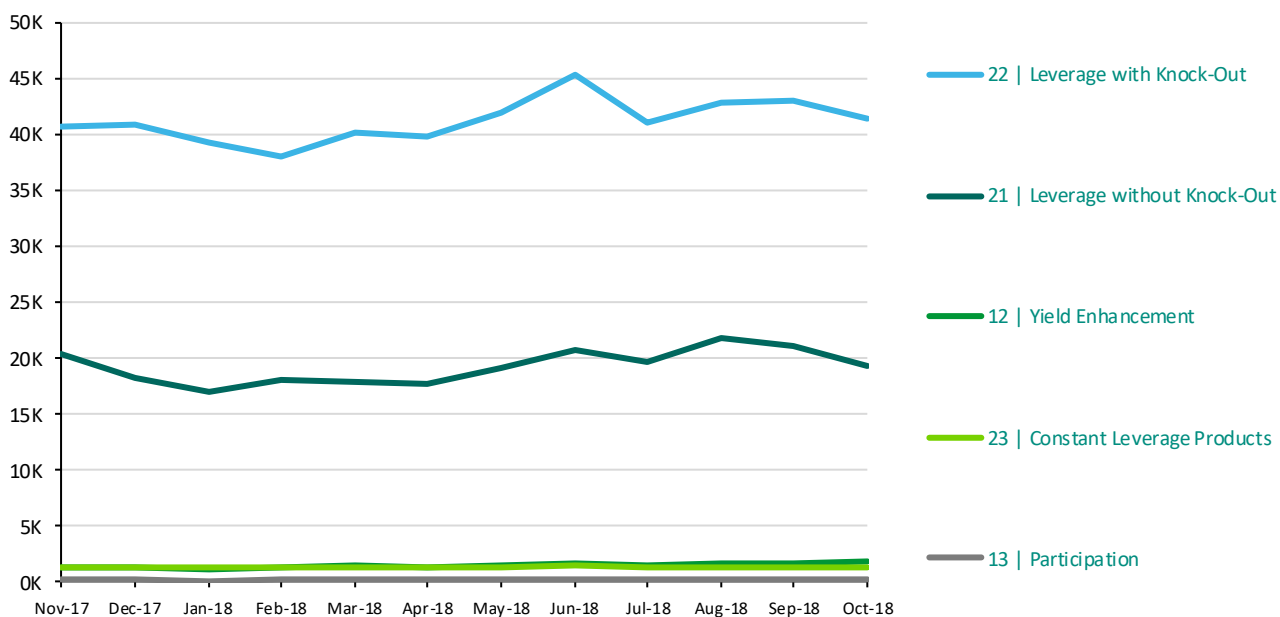
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

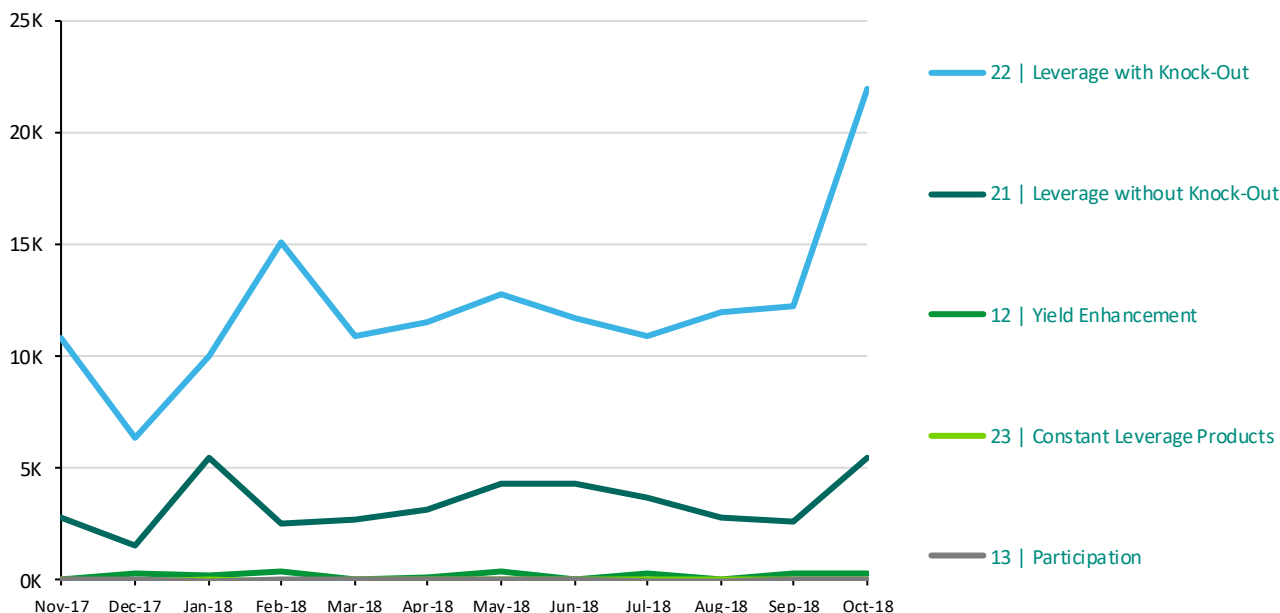
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

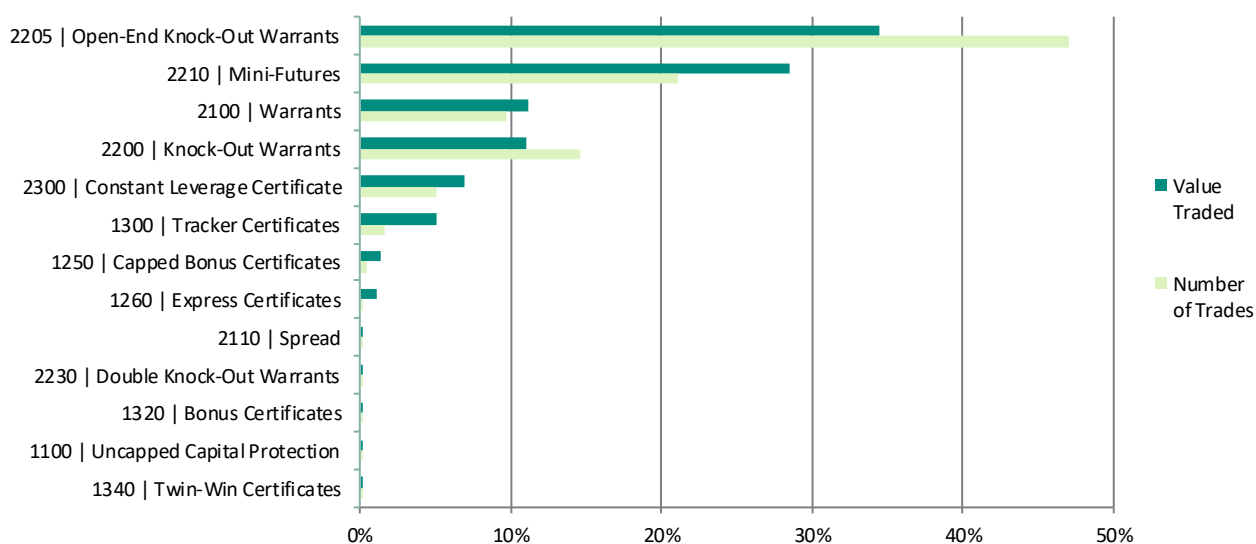
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	14,918	26%	8.7%	34.4%	7,035	26%	20.0%	47.1%
2210   Mini-Futures	12,372	44%	9.7%	28.6%	3,149	16.5%	13.1%	21.1%
2100   Warrants	4,859	41%	-2.2%	11.2%	1,455	32%	20%	9.7%
2200   Knock-Out Warrants	4,761	30%	15.8%	11.0%	2,178	46%	37%	14.6%
2300   Constant Leverage Certificate	2,997	48%	49%	6.9%	767	60%	51%	5.1%
1300   Tracker Certificates	2,232	-14.7%	-19.3%	5.2%	237	-5.5%	-14.6%	1.6%
1250   Capped Bonus Certificates	584	-9.6%	-2.6%	1.3%	76	-7.0%	-11.6%	0.5%
1260   Express Certificates	456		NA	1.1%	2.2		NA	0.0%
2110   Spread	76	134%	182%	0.2%	20	22%	77%	0.1%
2230   Double Knock-Out Warrants	45	NA	-65%	0.1%	15	NA	-26%	0.1%
1320   Bonus Certificates	19	141%	3.0%	0.0%	3.1	-14.2%	-41%	0.0%
1100   Uncapped Capital Protection	1	304%	-60%	0.0%	0.2	-13.0%	-68%	0.0%
1340   Twin-Win Certificates	1	17.9%	-48%	0.0%	0.2	248%	-45%	0.0%
<b>Total</b>	<b>43,320</b>	<b>31.6%</b>	<b>9.2%</b>	<b>100%</b>	<b>14,939</b>	<b>27.2%</b>	<b>20.9%</b>	<b>100%</b>

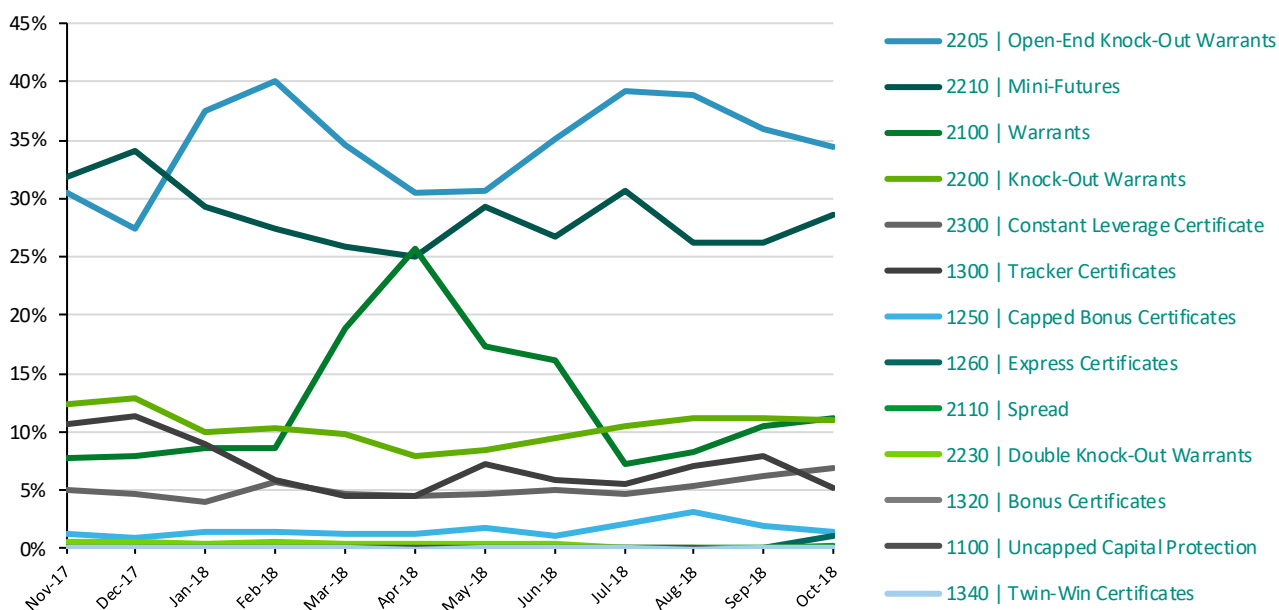
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

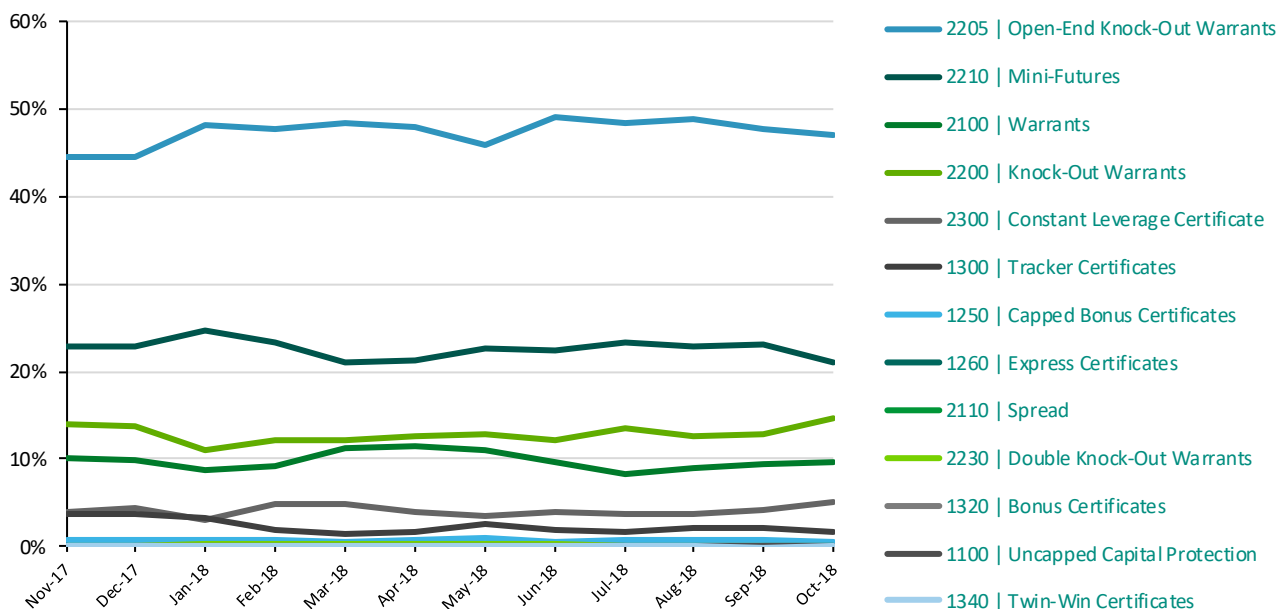
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

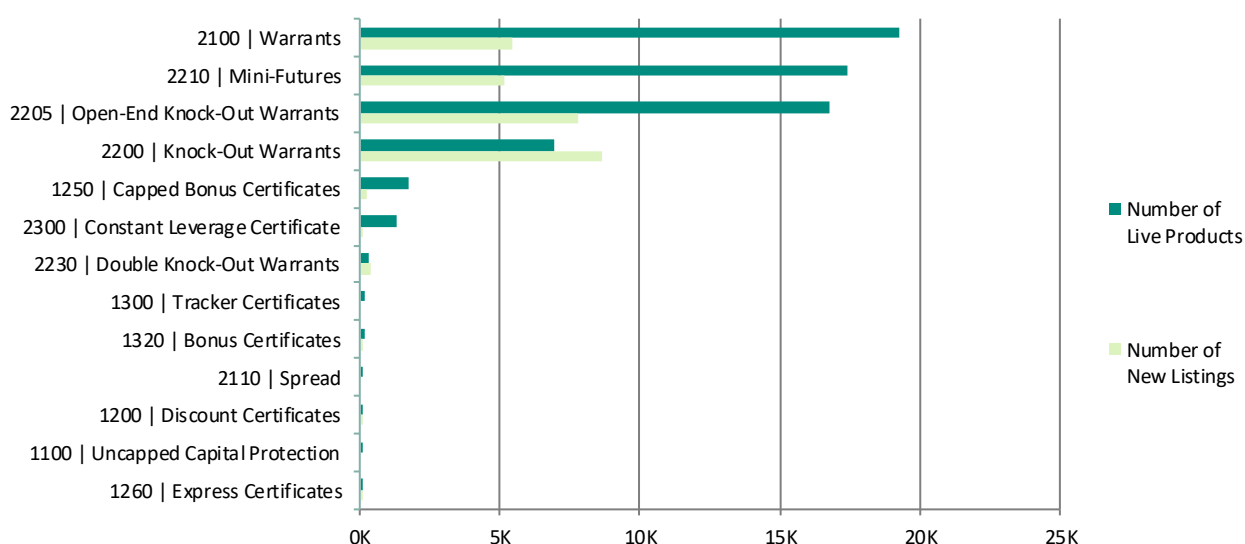
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	19,258	-7.9%	0.5%	30.0%	5,473	110%	59%	19.7%
2210   Mini-Futures	17,396	-3.7%	-3.5%	27.1%	5,149	60%	55%	18.5%
2205   Open-End Knock-Out Warrants	16,749	-1.1%	2.8%	26.1%	7,761	81%	90%	27.9%
2200   Knock-Out Warrants	6,959	-13.2%	5.0%	10.8%	8,683	84%	85%	31.2%
1250   Capped Bonus Certificates	1,709	8.4%	21%	2.7%	264	-7.0%	37%	0.9%
2300   Constant Leverage Certificate	1,299	0.3%	-1.7%	2.0%	21	-19.2%	22%	0.1%
2230   Double Knock-Out Warrants	314	153%	-3.7%	0.5%	388		247%	1.4%
1300   Tracker Certificates	178	-0.3%	-2.2%	0.3%	0	-100%	-100%	0.0%
1320   Bonus Certificates	145	23%	34%	0.2%	57	NA	385%	0.2%
2110   Spread	119	-15.1%	24%	0.2%	0	-100%	-100%	0.0%
1200   Discount Certificates	78	5.9%	14.1%	0.1%	25		180%	0.1%
1100   Uncapped Capital Protection	7	0.0%	0.8%	0.0%	0		-100%	0.0%
1260   Express Certificates	1	NA	NA	0.0%	1	0.0%	500%	0.0%
<b>Total</b>	<b>64,214</b>	<b>-4.8%</b>	<b>0.9%</b>	<b>100%</b>	<b>27,822</b>	<b>83.4%</b>	<b>75.1%</b>	<b>100%</b>

(Source Euronext)

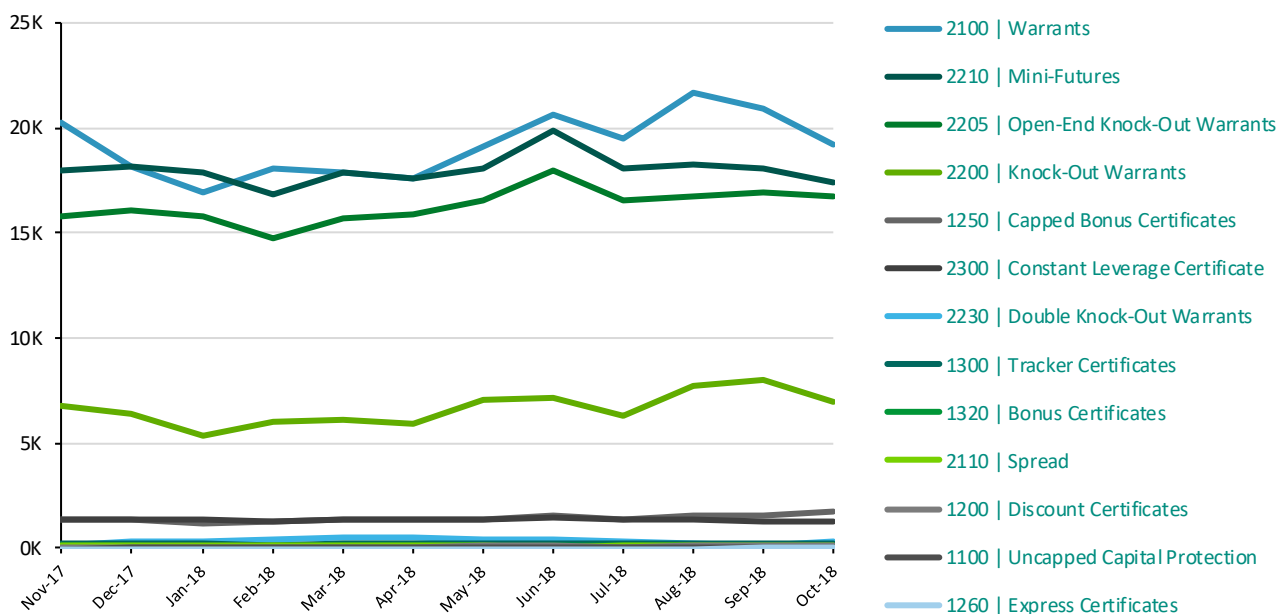




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

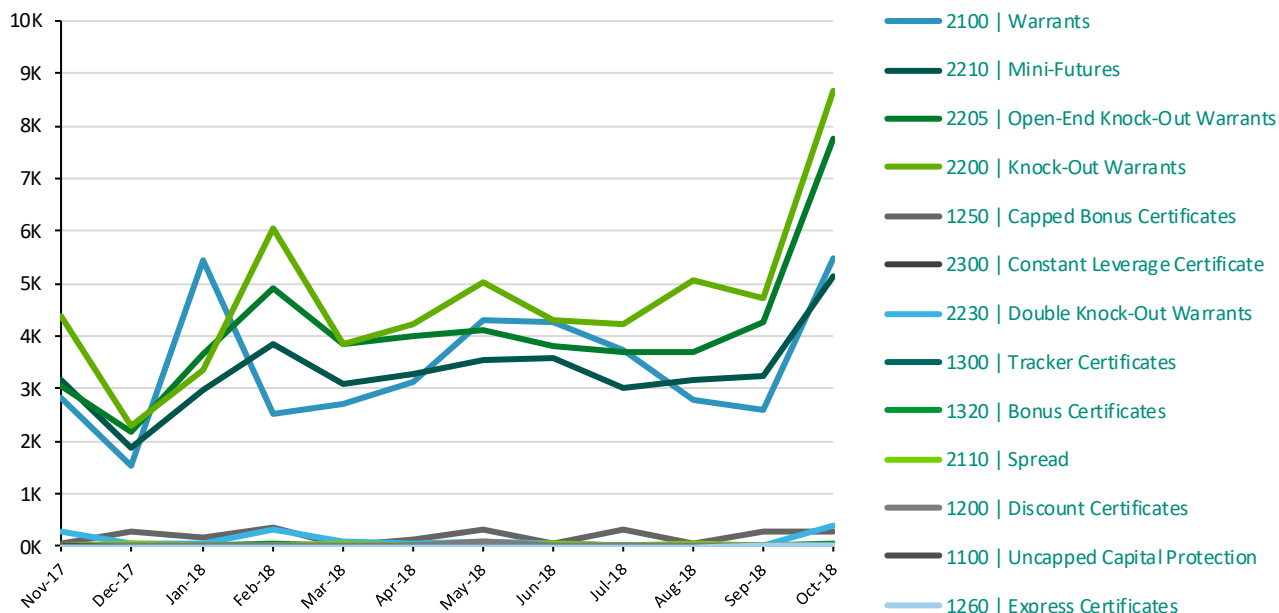
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

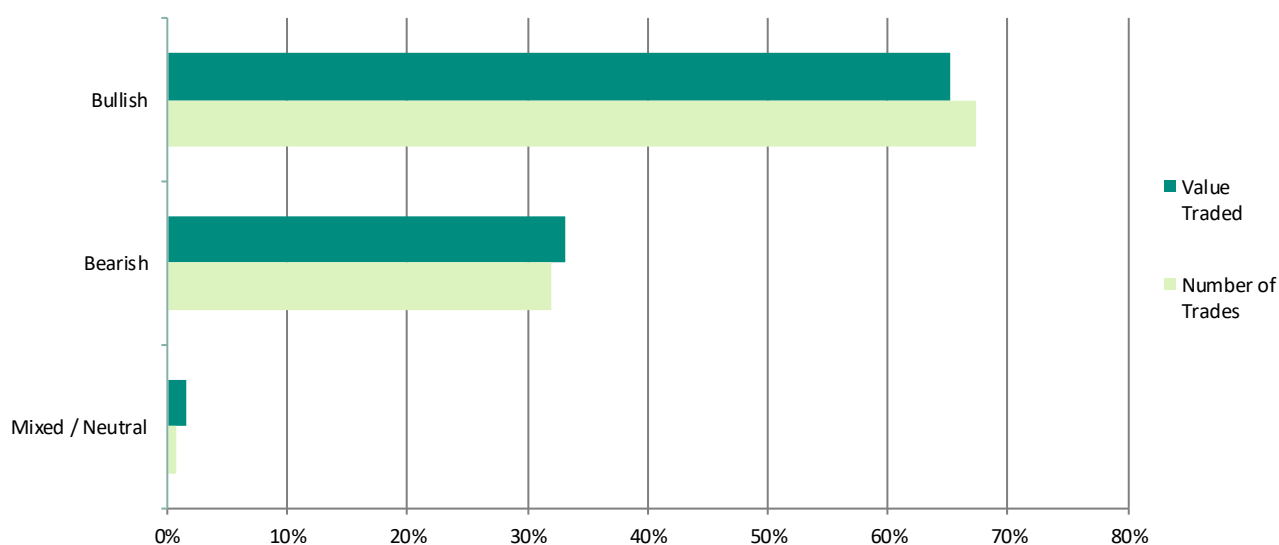
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	28,241	27%	1.5%	65.2%	10,050	30%	22%	67.3%
Bearish	14,372	43%	30%	33.2%	4,776	22%	20%	32.0%
Mixed / Neutral	707	3.8%	-8.0%	1.6%	113	12.0%	-7.4%	0.8%
<b>Total</b>	<b>43,320</b>	<b>31.6%</b>	<b>9.2%</b>	<b>100%</b>	<b>14,939</b>	<b>27.2%</b>	<b>20.9%</b>	<b>100%</b>

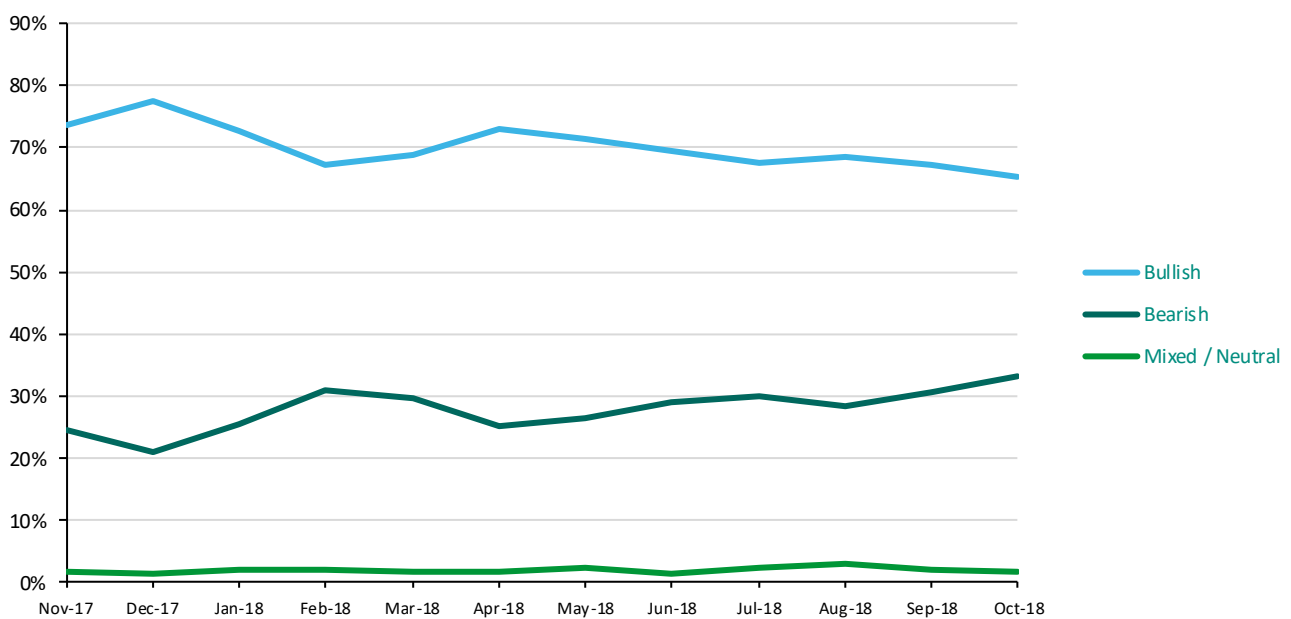
(Source Euronext)



# PRODUCT STRATEGIES

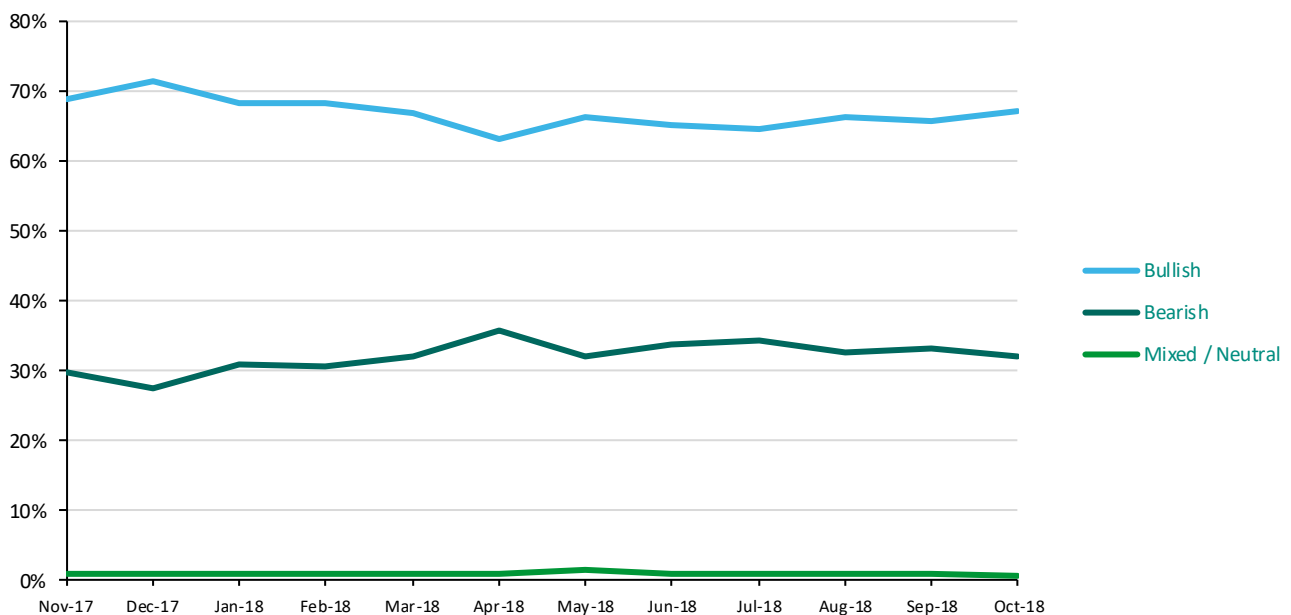
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

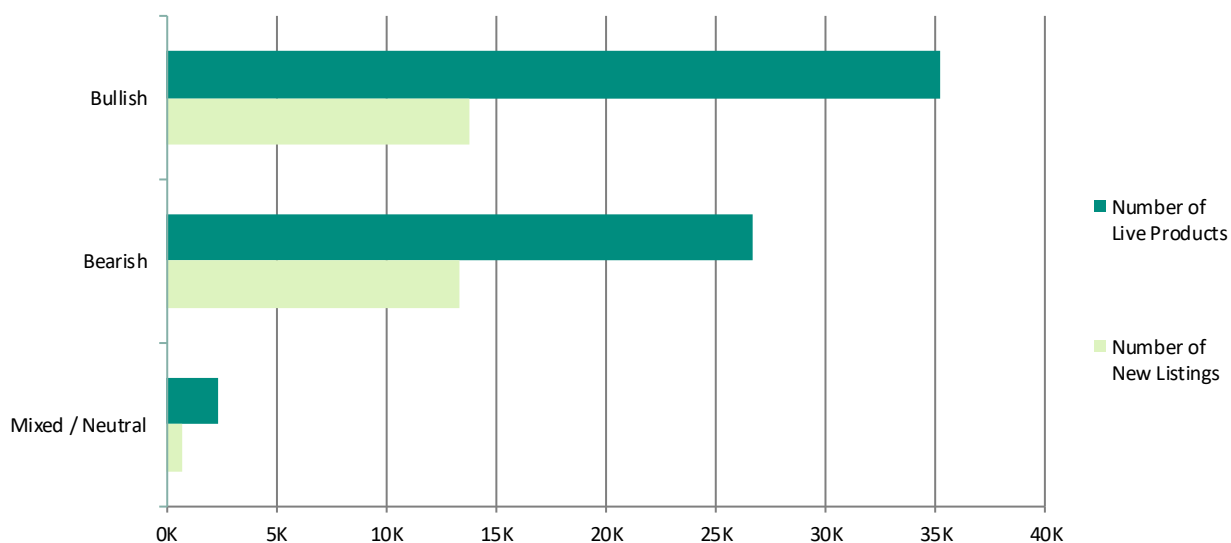
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	35,212	-9.6%	-6.6%	54.8%	13,812	71%	68%	49.6%
Bearish	26,674	0.7%	11.9%	41.5%	13,333	96%	82%	47.9%
Mixed / Neutral	2,327	15.5%	11.6%	3.6%	677	126%	106%	2.4%
<b>Total</b>	<b>64,214</b>	<b>-4.8%</b>	<b>0.9%</b>	<b>100%</b>	<b>27,822</b>	<b>83.4%</b>	<b>75.1%</b>	<b>100%</b>

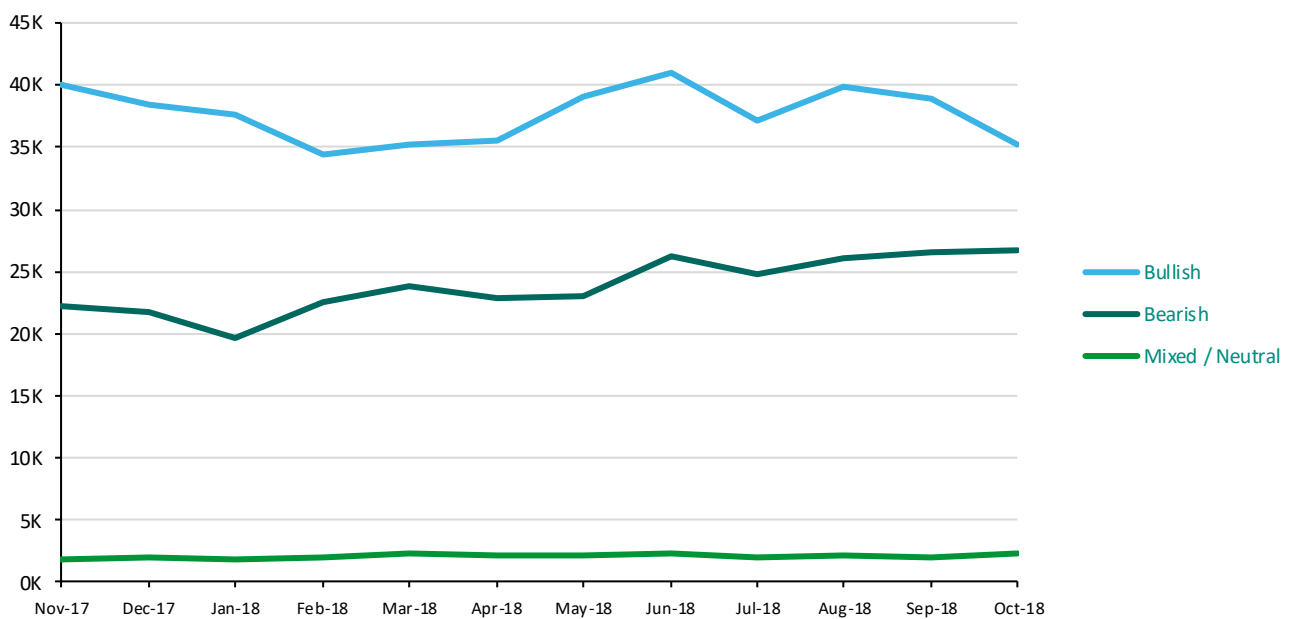
(Source Euronext)



# PRODUCT STRATEGIES

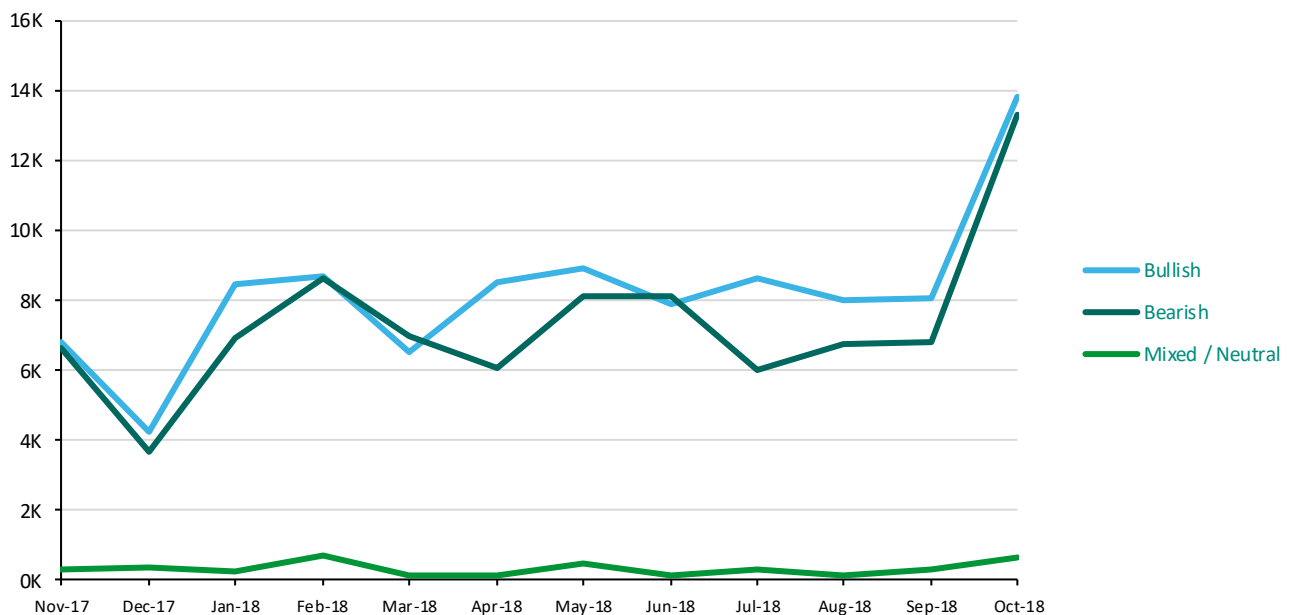
## Product Trend: Number of Live Products

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

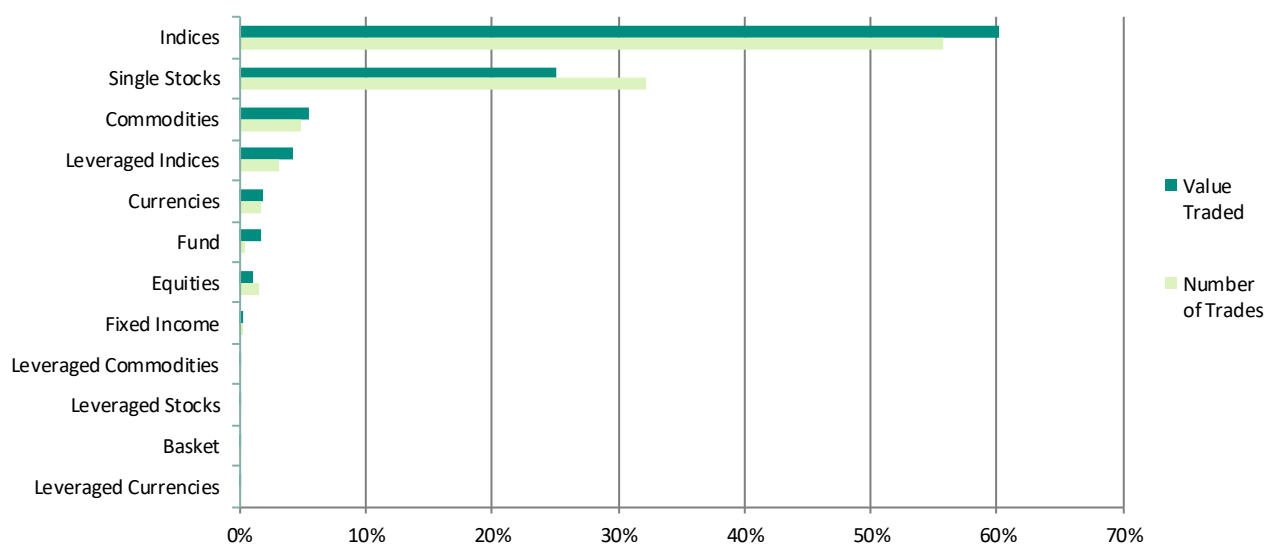
## Market Overview

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	26,042	53%	25%	60.1%	8,326	47%	35%	55.7%
Single Stocks	10,885	11.6%	-1.7%	25.1%	4,802	9.7%	6.9%	32.1%
Commodities	2,350	28%	14.1%	5.4%	737	13.3%	10.8%	4.9%
Leveraged Indices	1,861	69%	67%	4.3%	456	69%	71%	3.1%
Currencies	803	-50%	-54%	1.9%	251	-26%	-34%	1.7%
Fund	731	-33%	-69%	1.7%	65	-37%	-52%	0.4%
Equities	455	15.4%	28%	1.1%	220	-20%	11.2%	1.5%
Fixed Income	99	82%	10.1%	0.2%	42	127%	4.3%	0.3%
Leveraged Commodities	47	262%	35%	0.1%	21	74%	11.6%	0.1%
Leveraged Stocks	28	5.4%	-39%	0.1%	18	57%	15.5%	0.1%
Basket	19	116%	8.6%	0.0%	1.7	57%	-5.7%	0.0%
Leveraged Currencies	1	250%	67%	0.0%	0.2	-42%	-45%	0.0%
<b>Total</b>	<b>43,320</b>	<b>31.6%</b>	<b>9.2%</b>	<b>100%</b>	<b>14,939</b>	<b>27.2%</b>	<b>20.9%</b>	<b>100%</b>

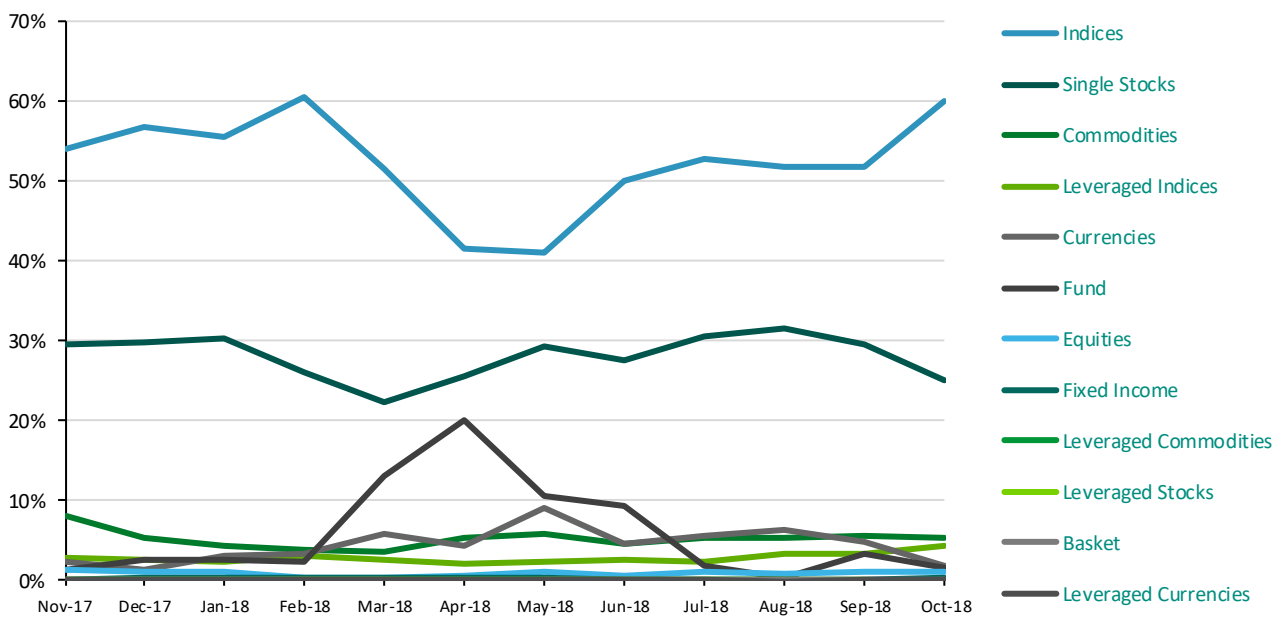
(Source Euronext)



# UNDERLYING TYPES

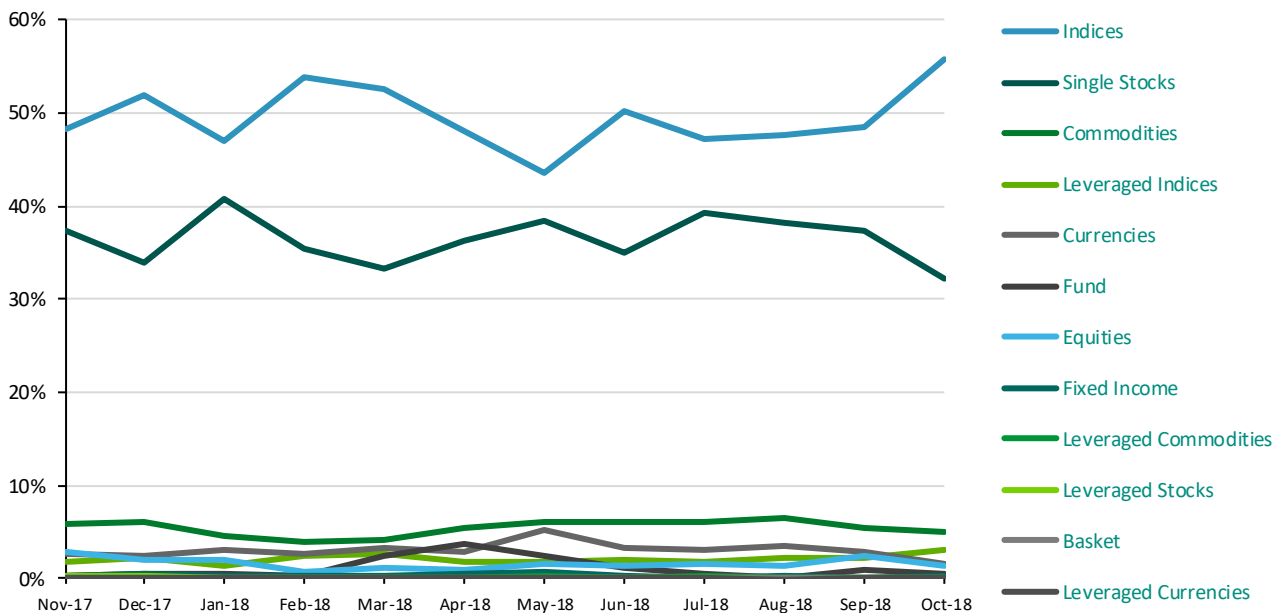
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# UNDERLYING TYPES

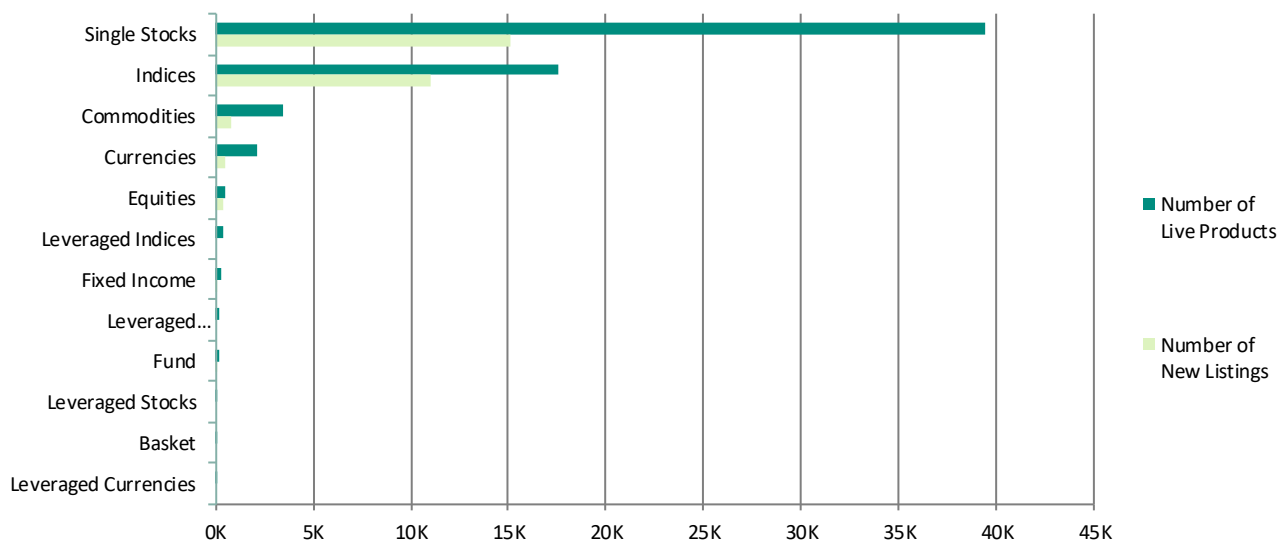
## Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	39,399	-4.9%	2.0%	61.4%	15,122	80%	84%	54.4%
Indices	17,559	-5.4%	-2.8%	27.3%	10,977	101%	70%	39.5%
Commodities	3,437	0.5%	9.5%	5.4%	824	24%	40%	3.0%
Currencies	2,149	-9.9%	-7.2%	3.3%	520	23%	30%	1.9%
Equities	525	11.6%	45%	0.8%	353	59%	112%	1.3%
Leveraged Indices	383	-5.3%	-1.5%	0.6%	0		-100%	0.0%
Fixed Income	327	-0.2%	1.7%	0.5%	21	200%	65%	0.1%
Leveraged Commodities	159	0.0%	8.5%	0.2%	0		-100%	0.0%
Fund	130	2.0%	18.3%	0.2%	5	25%	0.0%	0.0%
Leveraged Stocks	117	-0.1%	1.8%	0.2%	0		-100%	0.0%
Basket	19	0.4%	-1.2%	0.0%	0		-100%	0.0%
Leveraged Currencies	10	0.0%	-14.1%	0.0%	0			0.0%
<b>Total</b>	<b>64,214</b>	<b>-4.8%</b>	<b>0.9%</b>	<b>100%</b>	<b>27,822</b>	<b>83.4%</b>	<b>75.1%</b>	<b>100%</b>

(Source Euronext)

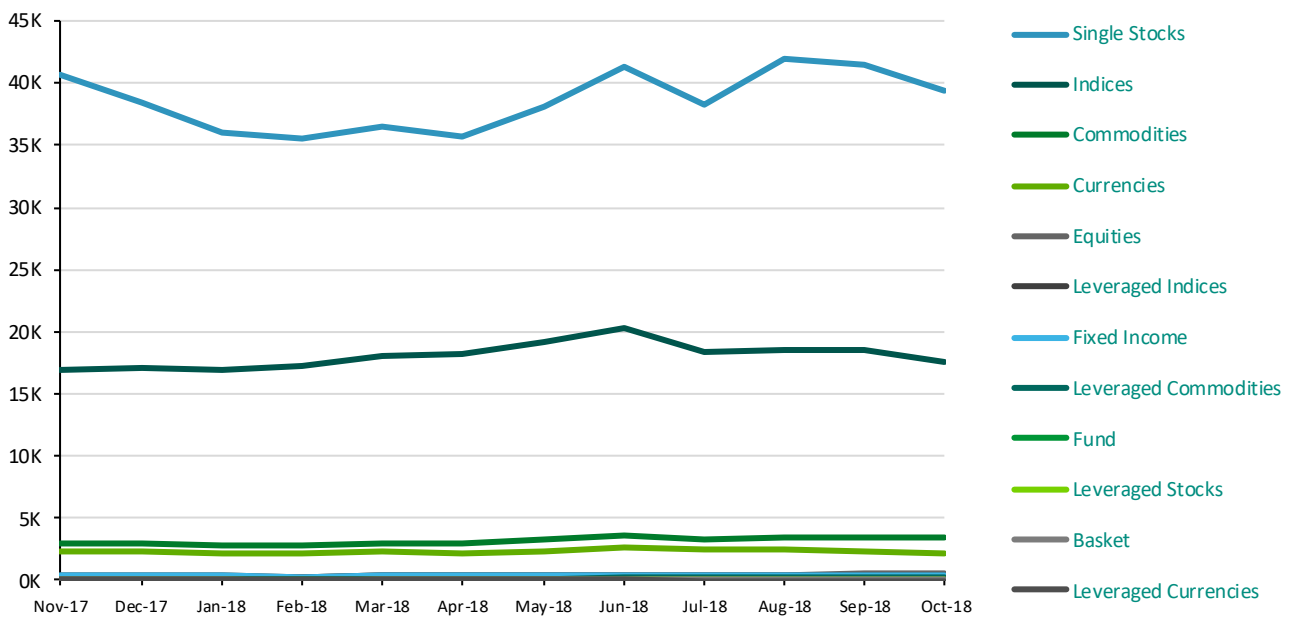




# UNDERLYING TYPES

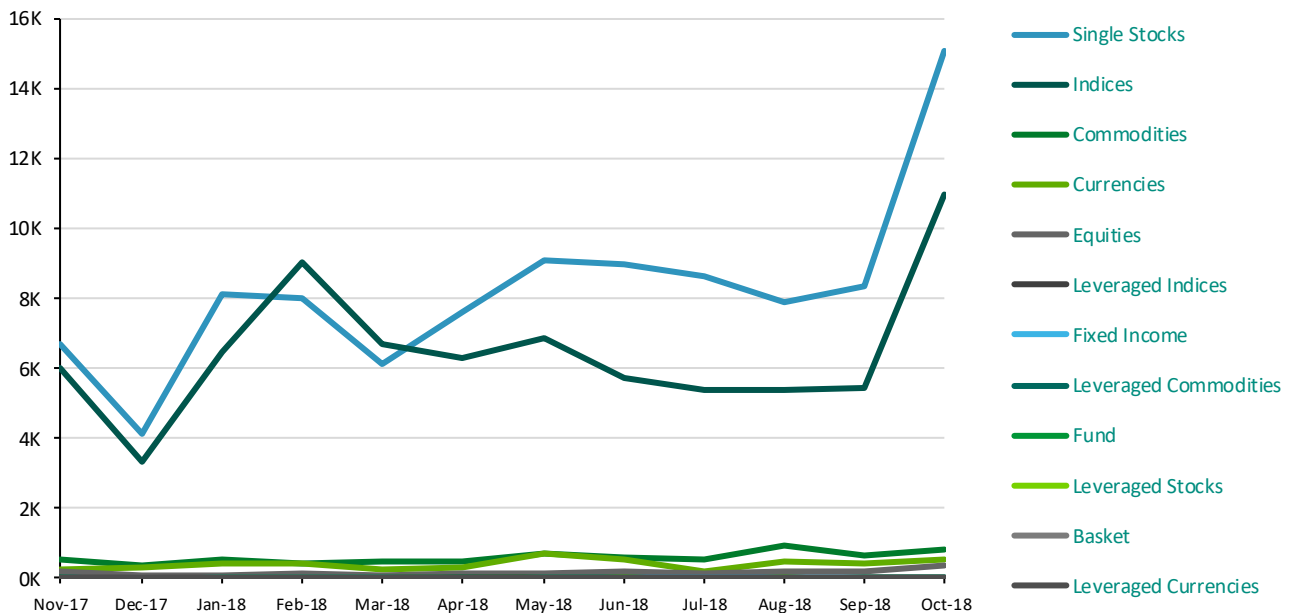
## Product Trend: Number of Live Products

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

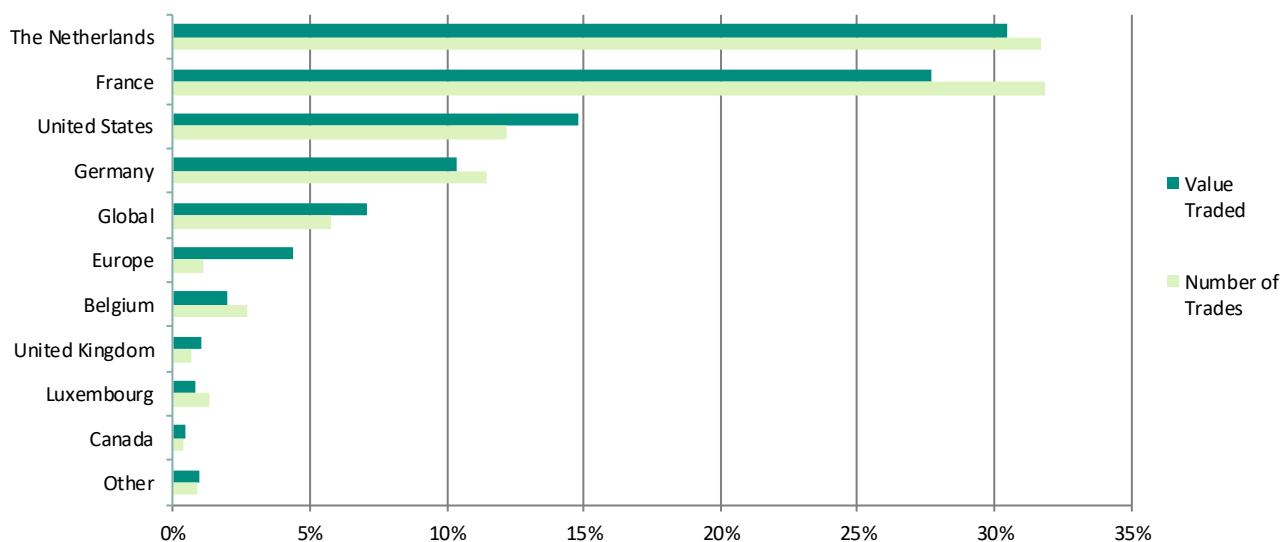
## Market Overview

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	13,212	69%	14.1%	30.5%	4,736	33%	21%	31.7%
France	11,987	47%	30%	27.7%	4,758	34%	32%	31.9%
United States	6,421	13.2%	8.3%	14.8%	1,822	19.4%	24%	12.2%
Germany	4,494	2.2%	1.1%	10.4%	1,716	32%	24%	11.5%
Global	3,075	26%	24%	7.1%	860	15.5%	12.0%	5.8%
Europe	1,891	0.0%	-44%	4.4%	159	-9.5%	-33%	1.1%
Belgium	860	-21%	-15.4%	2.0%	402	-7.4%	-3.6%	2.7%
United Kingdom	434	-0.8%	13.3%	1.0%	98	-4.5%	-14.3%	0.7%
Luxembourg	356	-14.1%	-40%	0.8%	201	3.3%	-26%	1.3%
Canada	182	199%		0.4%	50	33%		0.3%
Other	409	-22%	-35%	0.9%	136	2.5%	-22%	0.9%
<b>Total</b>	<b>43,320</b>	<b>31.6%</b>	<b>9.2%</b>	<b>100%</b>	<b>14,939</b>	<b>27.2%</b>	<b>20.9%</b>	<b>100%</b>

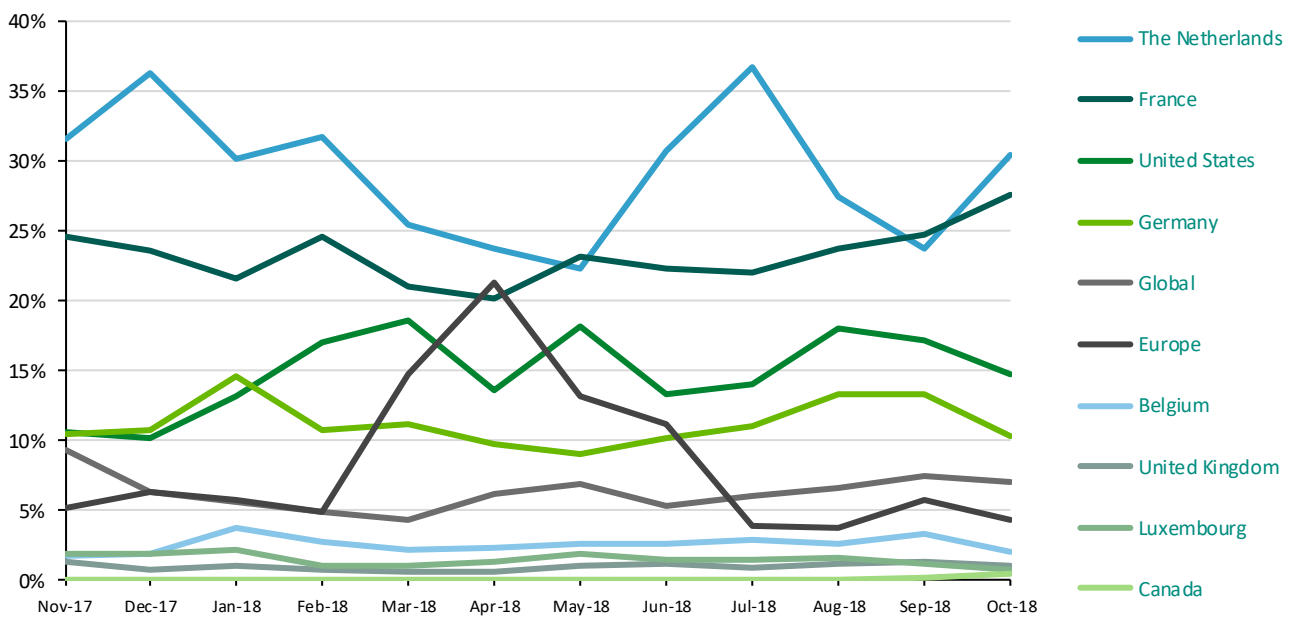
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

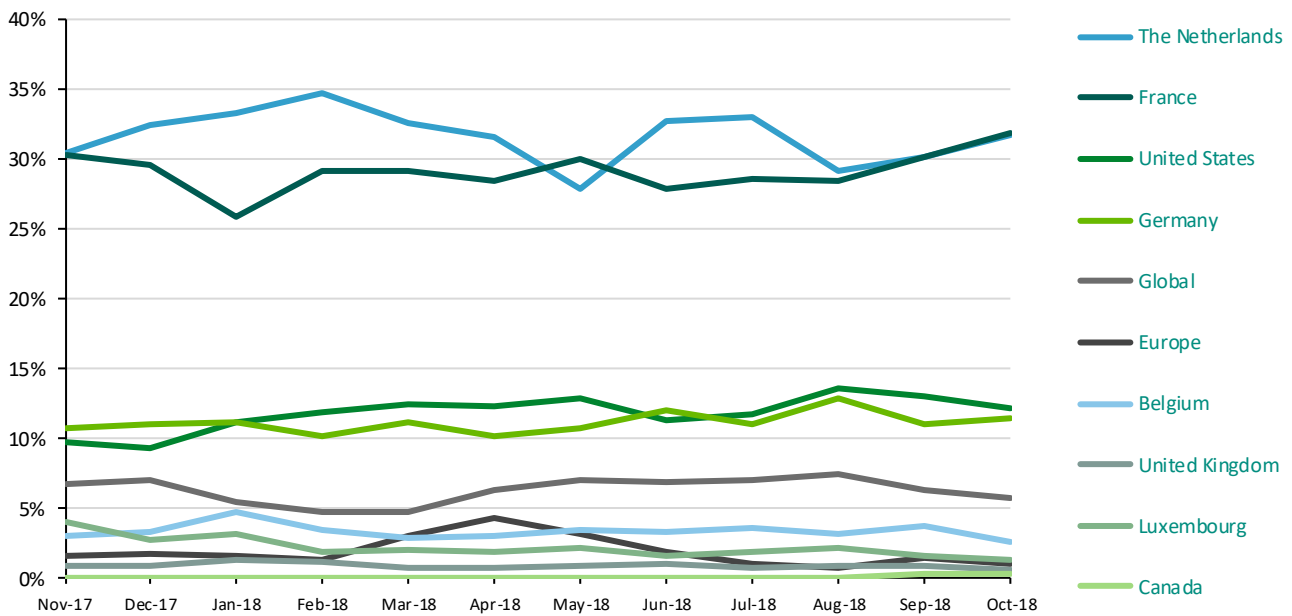
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

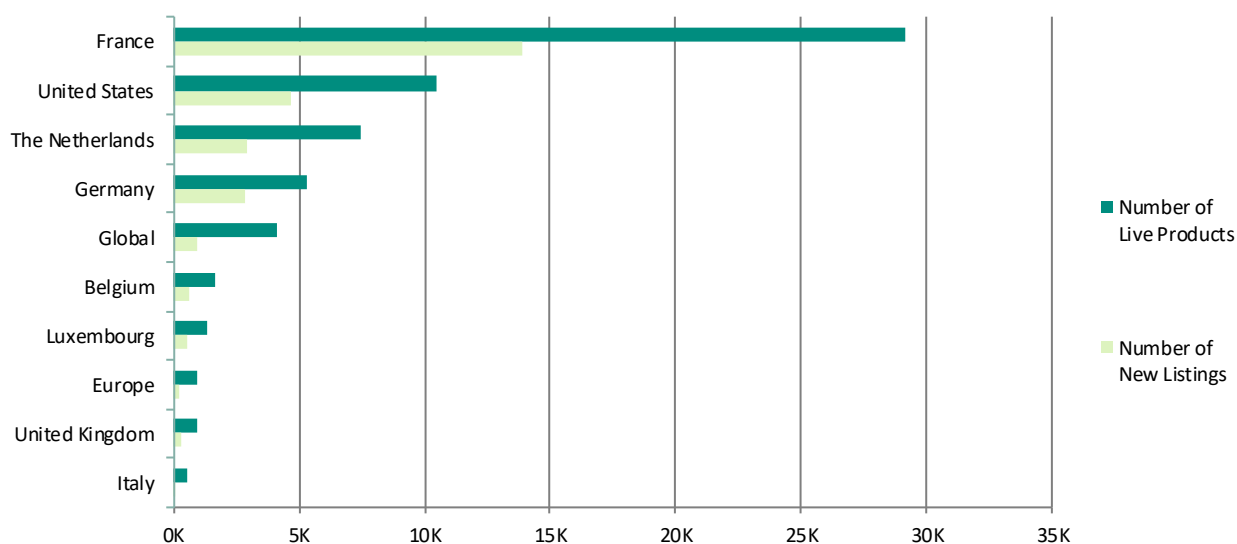
## Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	29,152	-5.1%	-0.7%	45.4%	13,856	84%	78%	49.8%
United States	10,508	-6.9%	10.6%	16.4%	4,675	90%	70%	16.8%
The Netherlands	7,429	-4.9%	-3.5%	11.6%	2,945	73%	79%	10.6%
Germany	5,292	-6.3%	-8.9%	8.2%	2,815	104%	68%	10.1%
Global	4,153	0.0%	8.9%	6.5%	964	31%	47%	3.5%
Belgium	1,658	0.1%	6.8%	2.6%	582	50%	124%	2.1%
Luxembourg	1,358	-7.5%	-0.6%	2.1%	544	73%	43%	2.0%
Europe	970	-1.9%	1.3%	1.5%	246	144%	87%	0.9%
United Kingdom	913	1.3%	8.0%	1.4%	308	64%	100%	1.1%
Italy	503	-5.8%	2.8%	0.8%	89	46%	18.7%	0.3%
Other	2,278	0.1%	1.7%	3.5%	798	157%	109%	2.9%
<b>Total</b>	<b>64,214</b>	<b>-4.8%</b>	<b>0.9%</b>	<b>100%</b>	<b>27,822</b>	<b>83.4%</b>	<b>75.1%</b>	<b>100%</b>

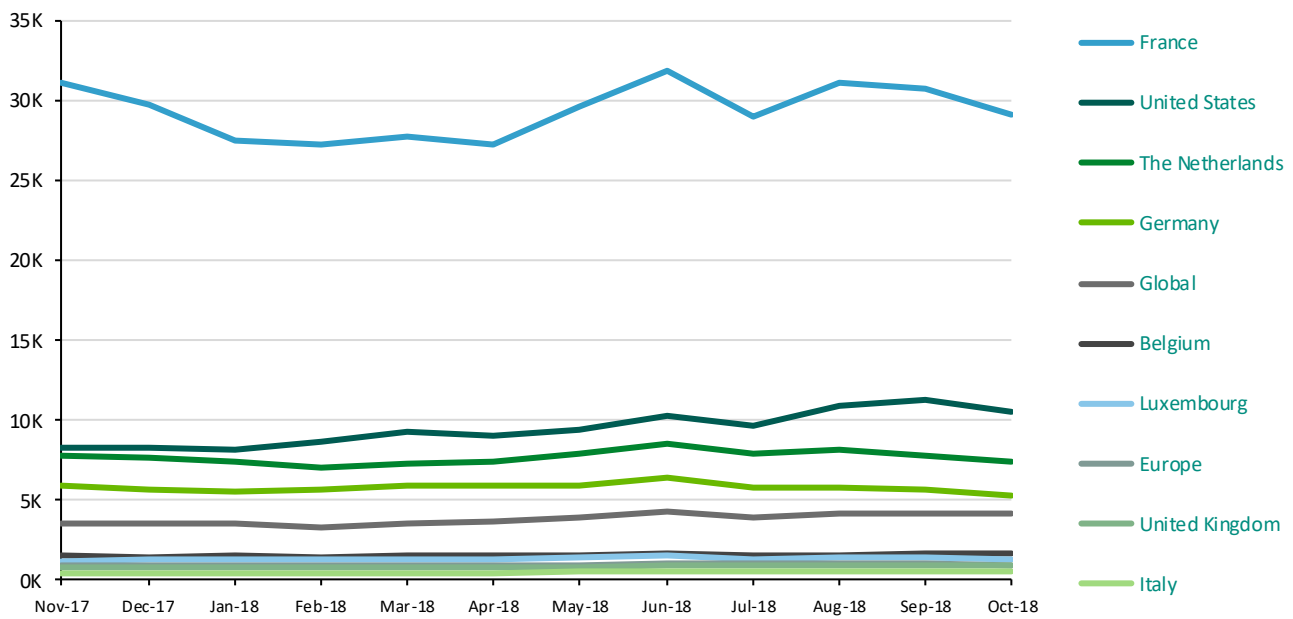
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

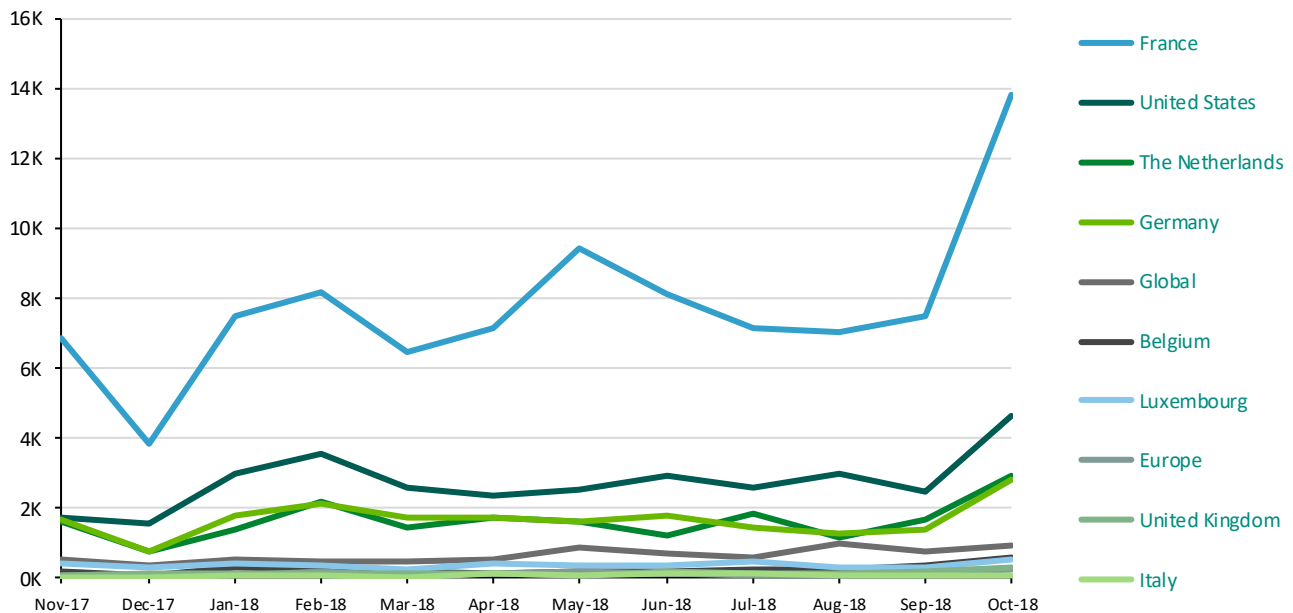
## Product Trend: Number of Live Products

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

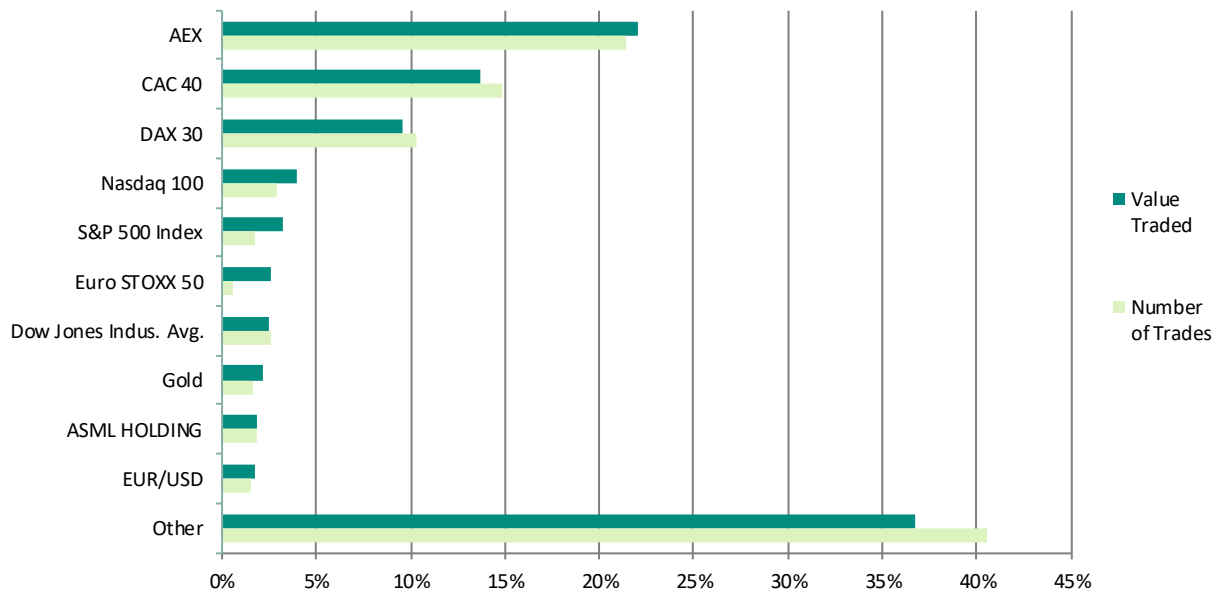
## Market Overview

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	9,539	116%	27%	22.0%	3,204	58%	36%	21.4%
CAC 40	5,922	69%	47%	13.7%	2,222	58%	46%	14.9%
DAX 30	4,135	1.8%	2.6%	9.5%	1,541	32%	27%	10.3%
Nasdaq 100	1,713	43%	73%	4.0%	430	29%	62%	2.9%
S&P 500 Index	1,378	36%	29%	3.2%	260	39%	28%	1.7%
Euro STOXX 50	1,120	59%	15.3%	2.6%	82	22%	-9.2%	0.6%
Dow Jones Indus. Avg.	1,093	2.6%	-18.8%	2.5%	388	16.0%	23%	2.6%
Gold	952	115%	26%	2.2%	250	46%	22%	1.7%
ASML HOLDING	800	-1.5%	2.9%	1.8%	272	-1.9%	27%	1.8%
EUR/USD	768	-47%	-52%	1.8%	226	-24%	-32%	1.5%
Other	15,900	11.7%	-4.3%	36.7%	6,063	10.8%	7.6%	40.6%
<b>Total</b>	<b>43,320</b>	<b>31.6%</b>	<b>9.2%</b>	<b>100%</b>	<b>14,939</b>	<b>27.2%</b>	<b>20.9%</b>	<b>100%</b>

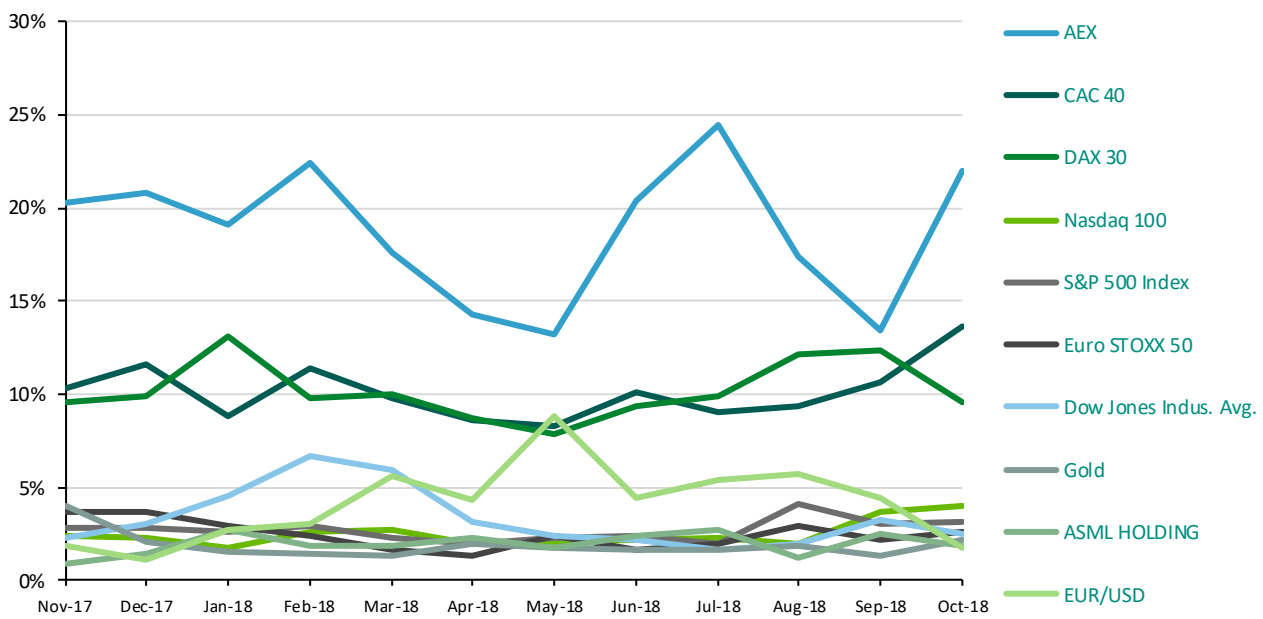
(Source Euronext)



# TOP 10 UNDERLYINGS

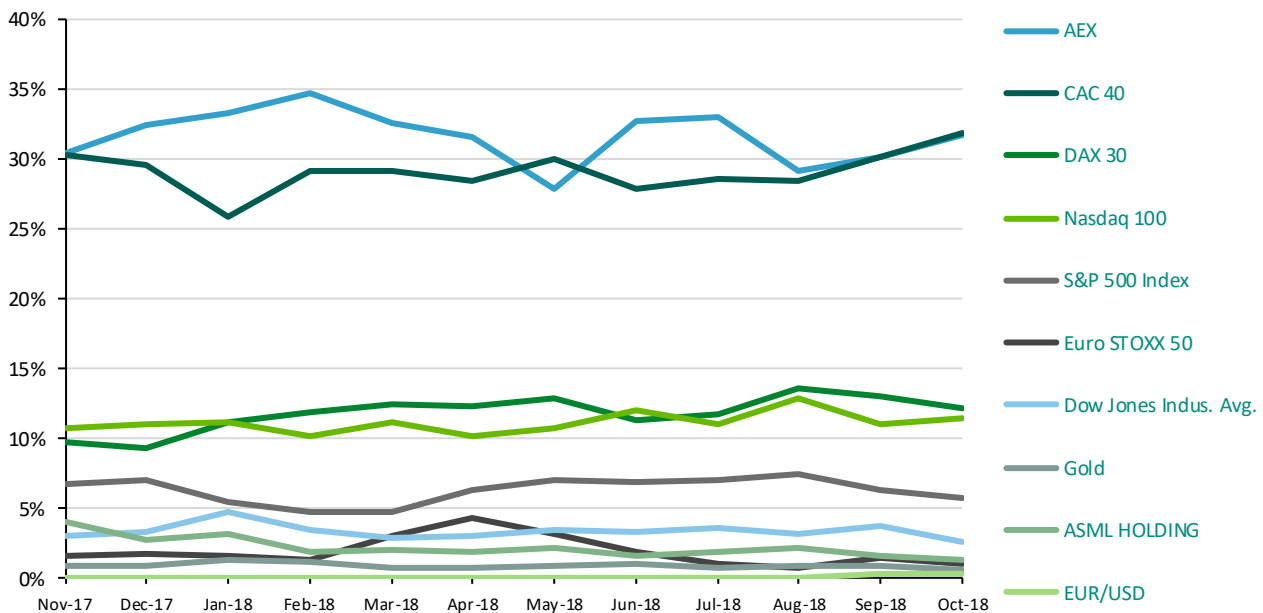
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYINGS

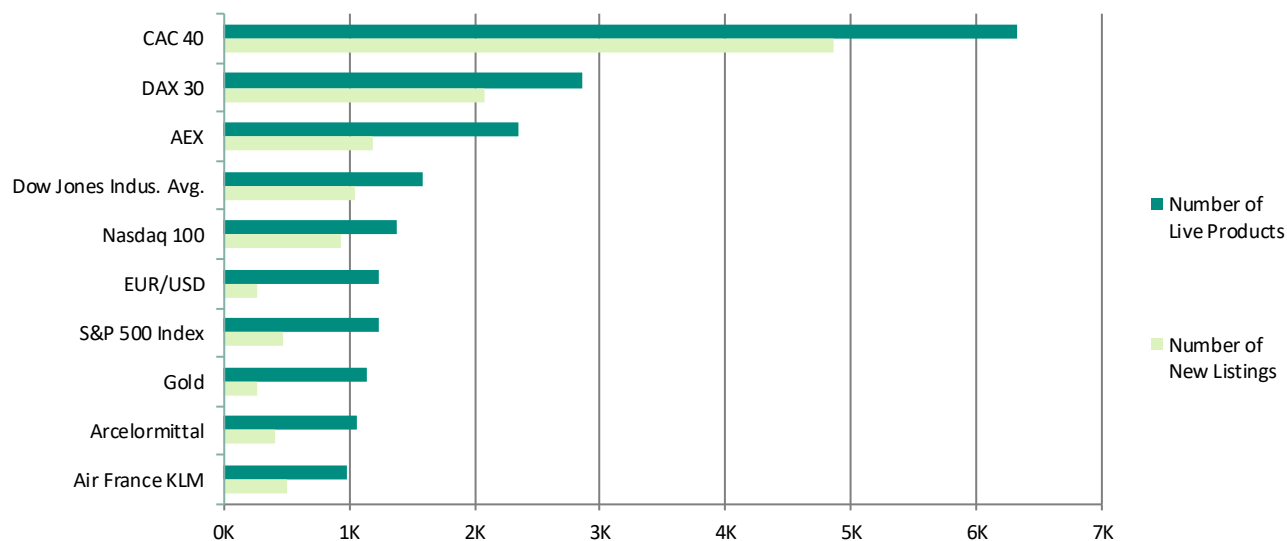
## Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	6,331	1.6%	5.9%	9.9%	4,855	70%	71%	17.5%
DAX 30	2,863	-10.3%	-13.9%	4.5%	2,074	108%	63%	7.5%
AEX	2,343	-10.5%	-12.9%	3.6%	1,192	129%	70%	4.3%
Dow Jones Indus. Avg.	1,586	-9.3%	-6.8%	2.5%	1,045	133%	55%	3.8%
Nasdaq 100	1,380	-9.8%	12.9%	2.1%	939	178%	108%	3.4%
EUR/USD	1,241	-12.4%	-12.7%	1.9%	274	27%	-2.8%	1.0%
S&P 500 Index	1,233	-7.7%	5.3%	1.9%	479	250%	81%	1.7%
Gold	1,148	-5.8%	7.7%	1.8%	264	47%	48%	0.9%
Arcelormittal	1,054	-8.7%	-2.3%	1.6%	407	82%	50%	1.5%
Air France KLM	975	-8.6%	-1.7%	1.5%	499	81%	48%	1.8%
Other	44,060	-4.1%	2.5%	68.6%	15,794	76%	83%	56.8%
<b>Total</b>	<b>64,214</b>	<b>-4.8%</b>	<b>0.9%</b>	<b>100%</b>	<b>27,822</b>	<b>83.4%</b>	<b>75.1%</b>	<b>100%</b>

(Source Euronext)

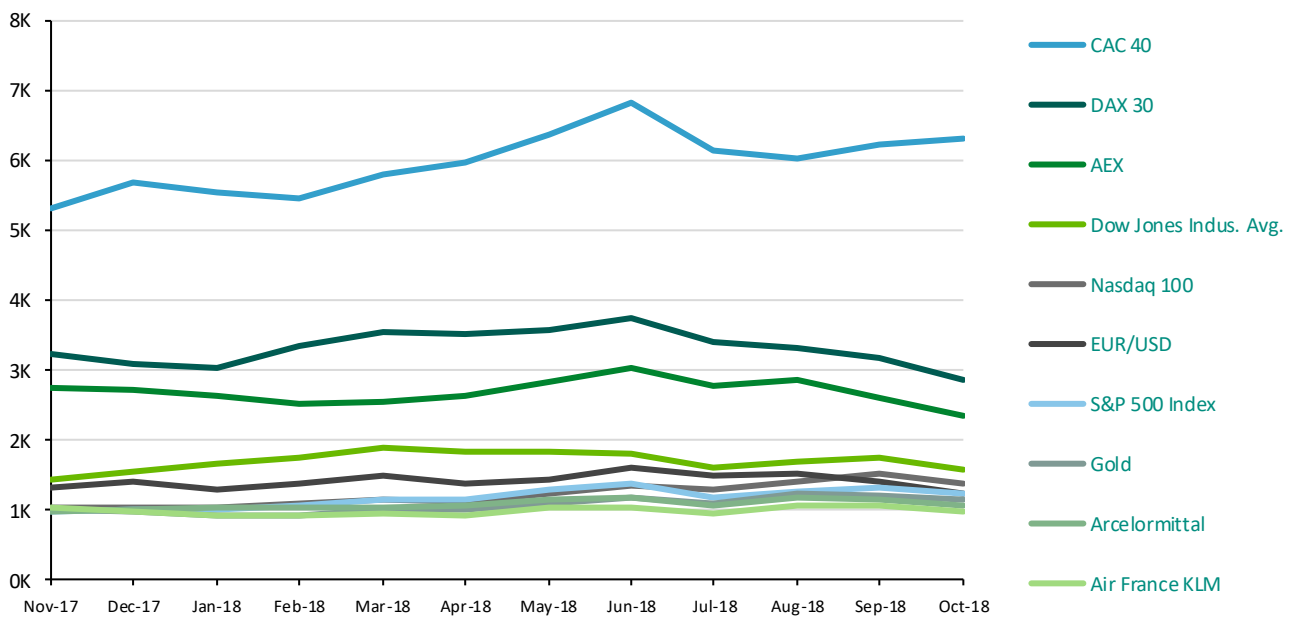




# TOP 10 UNDERLYINGS

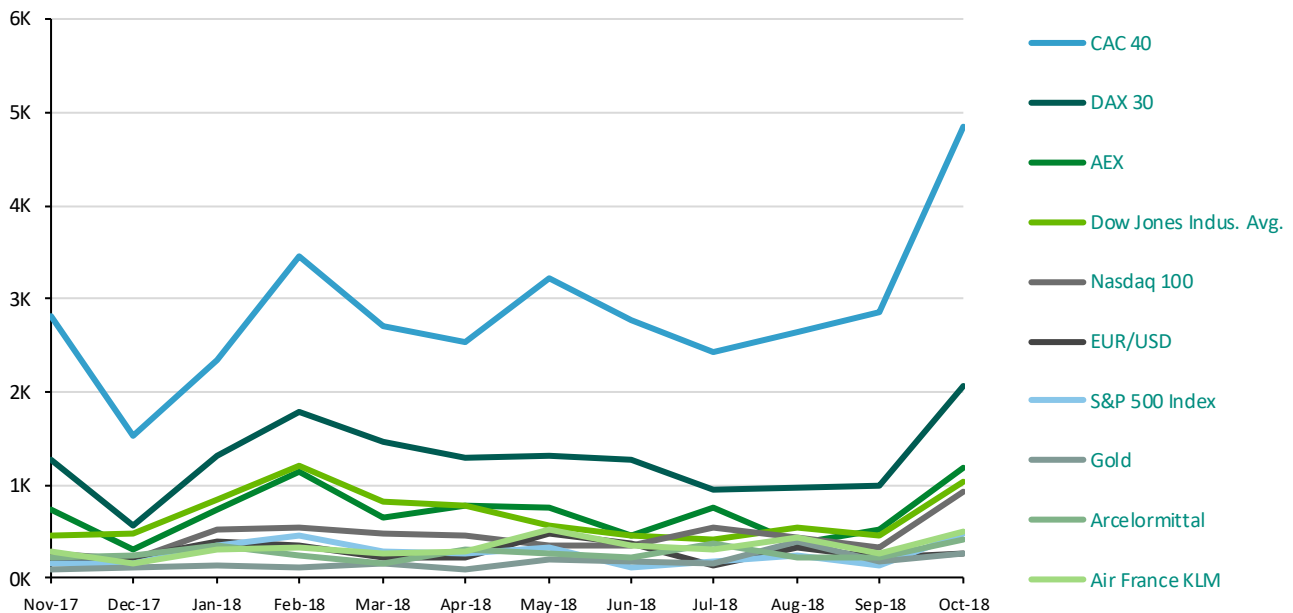
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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	
LU1898906059	KBC	1260	Express Certificates	Euro STOXX 50	20,600	98
NL0011907449	BNP Paribas	2205	Open-End Knock-Out Warrants	DSM	20,168	302
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	18,456	3,150
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	16,744	1,030
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	16,363	1,782
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	16,122	1,664
NL0013014004	BNP Paribas	2210	Mini-Futures	AEX	15,607	598
NL0012355507	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	15,339	68
NL0012779557	BNP Paribas	2210	Mini-Futures	AEX	13,919	184
NL0013016850	BNP Paribas	2210	Mini-Futures	AEX	11,717	340
NL0012818447	ING	2100	Warrants	Euro STOXX 50 ETFs	10,093	2,054
NL0012491641	BNP Paribas	2210	Mini-Futures	AEX	8,628	582
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	8,466	1,446
DE000CQ9LJZ3	Citi	2200	Knock-Out Warrants	S&P 500 Index	8,248	50
LU1790506254	Société Générale	2100	Warrants	CAC 40	8,212	300
NL0012778104	BNP Paribas	2210	Mini-Futures	AEX	8,180	266
LU1790558305	Société Générale	2100	Warrants	CAC 40	7,864	430
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	7,564	1,262
NL0013005309	BNP Paribas	2210	Mini-Futures	AEX	7,238	414
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	7,001	1,272
NL0012491716	BNP Paribas	2210	Mini-Futures	AEX	6,903	286
NL0013079981	Goldman Sachs	2210	Mini-Futures	DAX 30	6,886	240
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	6,724	422
NL0012491690	BNP Paribas	2210	Mini-Futures	AEX	6,384	218
DE000VA1ZHQ8	Vontobel	2300	Constant Leverage Certificate	S&P 500 x16 Short Index	6,195	524
NL0013008329	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5,671	4,902
DE000CJ3NQJ0	Commerzbank	2210	Mini-Futures	Aurora Cannabis	5,633	360
NL0013008451	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	5,579	1,486
DE000CQ9LJ87	Citi	2200	Knock-Out Warrants	Nasdaq 100	5,441	50
DE000CA302Y7	Commerzbank	2100	Warrants	Renault	5,382	298
NL0013016835	BNP Paribas	2210	Mini-Futures	AEX	5,368	104
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	5,273	530
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	5,217	1,568
LU1789959100	Société Générale	2100	Warrants	CAC 40	5,140	128
DE000CE8WCF3	Commerzbank	2300	Constant Leverage Certificate	CAC 40	5,129	1,786
NL0013016868	BNP Paribas	2210	Mini-Futures	AEX	5,099	232
NL0012995278	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5,071	832
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	5,011	428
NL0011931043	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	4,966	314
NL0012789259	BNP Paribas	2205	Open-End Knock-Out Warrants	Brent	4,953	408
NL0013126840	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	4,684	92
NL0012099642	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	4,669	390
NL0012112692	BNP Paribas	2205	Open-End Knock-Out Warrants	Unilever	4,313	208
NL0012778476	BNP Paribas	2205	Open-End Knock-Out Warrants	Unilever	4,303	304
FR0010961078	Société Générale	2300	Constant Leverage Certificate	CAC 40 x5 Leveraged Index	4,241	768
LU1555074977	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,223	1,708
NL0012994958	BNP Paribas	2210	Mini-Futures	AEX	4,142	452
DE000CE6C1S4	Commerzbank	2300	Constant Leverage Certificate	NYMEX LS CRUDE	4,113	88
NL0012049621	Goldman Sachs	2210	Mini-Futures	DAX 30	4,101	332
DE000CQ9LJ79	Citi	2200	Knock-Out Warrants	Nasdaq 100	4,001	24

(Source Euronext)



Euronext Amsterdam

# ISSUERS

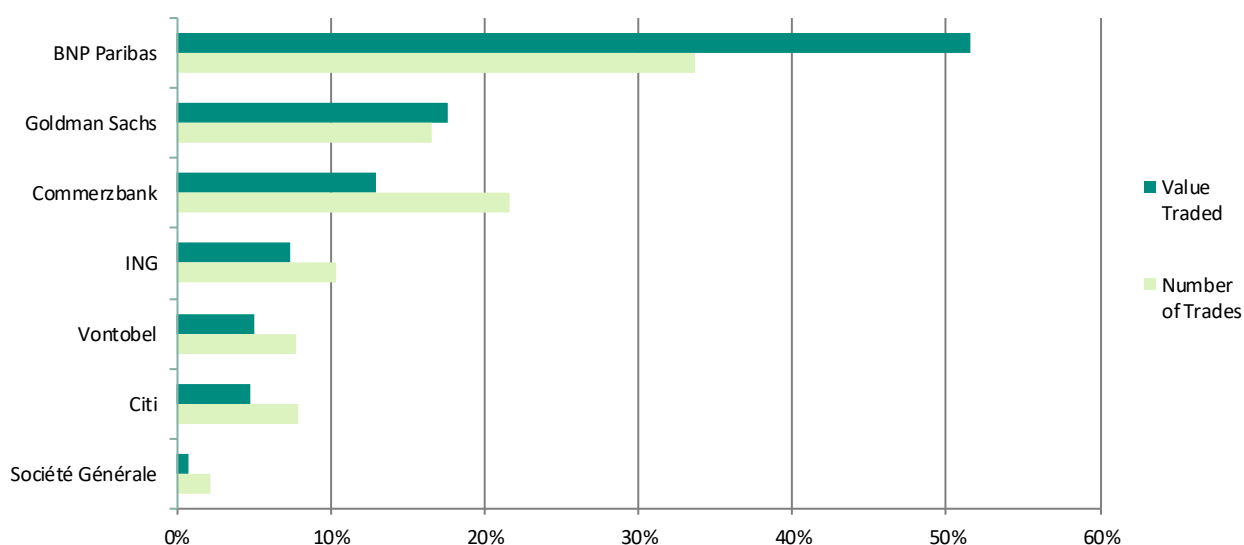
## Market Overview

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	12,160	50%	18.3%	51.6%	2,736	19.2%	5.2%	33.7%
Goldman Sachs	4,160	24%	-12.9%	17.6%	1,342	35.6%	18.5%	16.5%
Commerzbank	3,041	3.3%	9.2%	12.9%	1,760	22.6%	28.5%	21.7%
ING	1,733	-14.4%	-42%	7.3%	842	24.5%	0.3%	10.4%
Vontobel	1,184	7.9%	47%	5.0%	628	17.0%	39.8%	7.7%
Citi	1,138	62%	-4.7%	4.8%	638	50.2%	11.0%	7.9%
Société Générale	172	-6.4%	-27%	0.7%	173	26.5%	3.3%	2.1%
<b>Total</b>	<b>23,588</b>	<b>28.2%</b>	<b>2.2%</b>	<b>100%</b>	<b>8,119</b>	<b>25.0%</b>	<b>13.8%</b>	<b>100%</b>

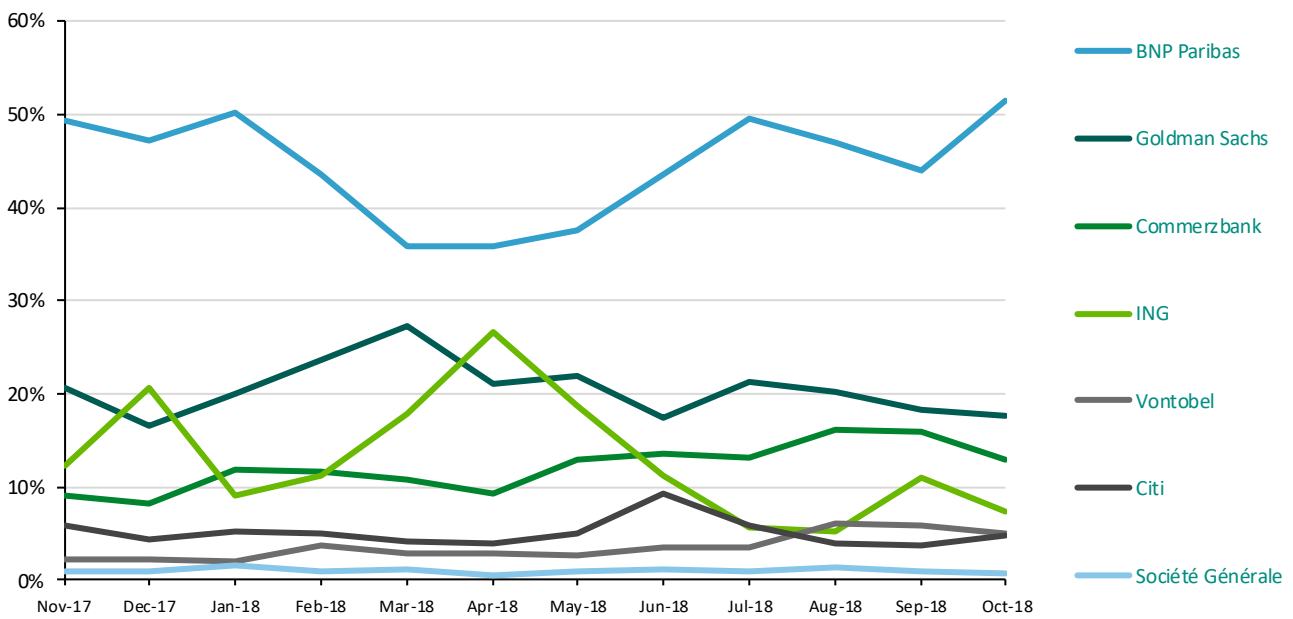
(Source Euronext)



# ISSUERS

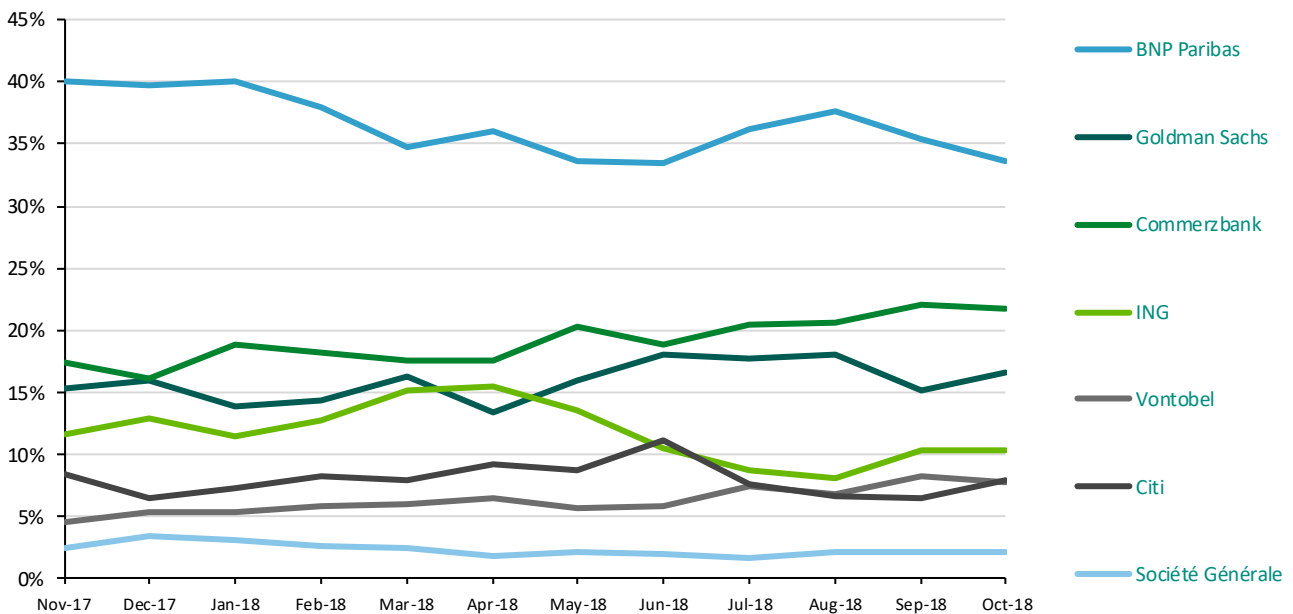
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

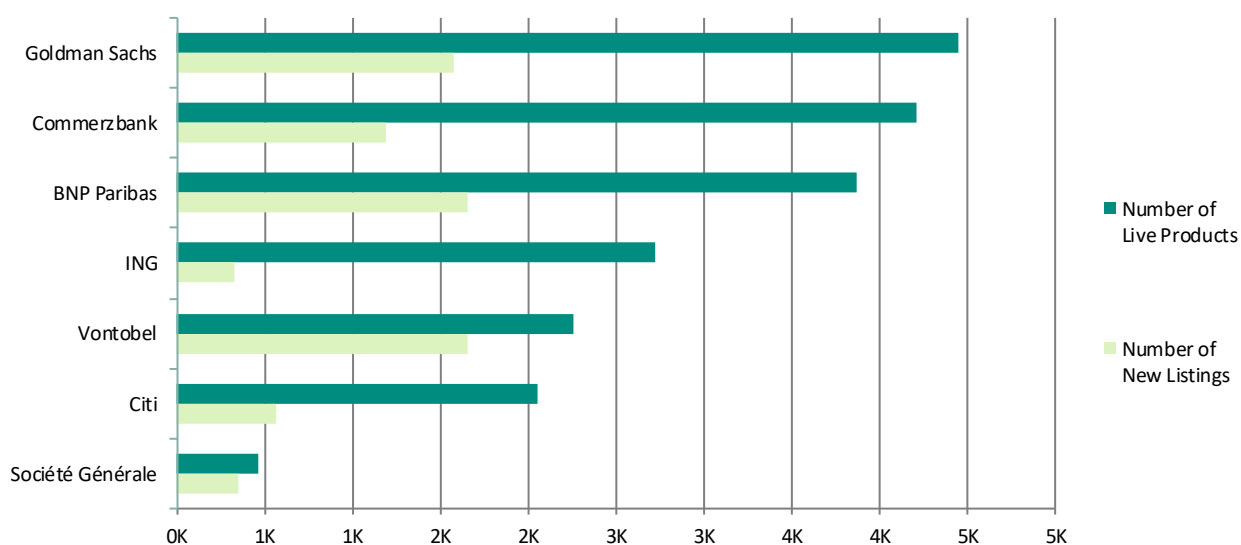
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	4,451	-14.4%	-17.0%	22.2%	1,581	45%	28%	21.6%
Commerzbank	4,207	-4.0%	1.9%	21.0%	1,187	75%	64%	16.2%
BNP Paribas	3,866	1.0%	-1.9%	19.3%	1,656	91%	90%	22.6%
ING	2,722	-3.2%	-2.0%	13.6%	327	48%	34%	4.5%
Vontobel	2,262	3.3%	29%	11.3%	1,656	117%	124%	22.6%
Citi	2,056	-1.5%	-3.0%	10.3%	566	23%	55%	7.7%
Société Générale	457	-3.4%	5.4%	2.3%	345	73%	68%	4.7%
<b>Total</b>	<b>20,021</b>	<b>-4.5%</b>	<b>-2.4%</b>	<b>100%</b>	<b>7,318</b>	<b>70.8%</b>	<b>67.2%</b>	<b>100%</b>

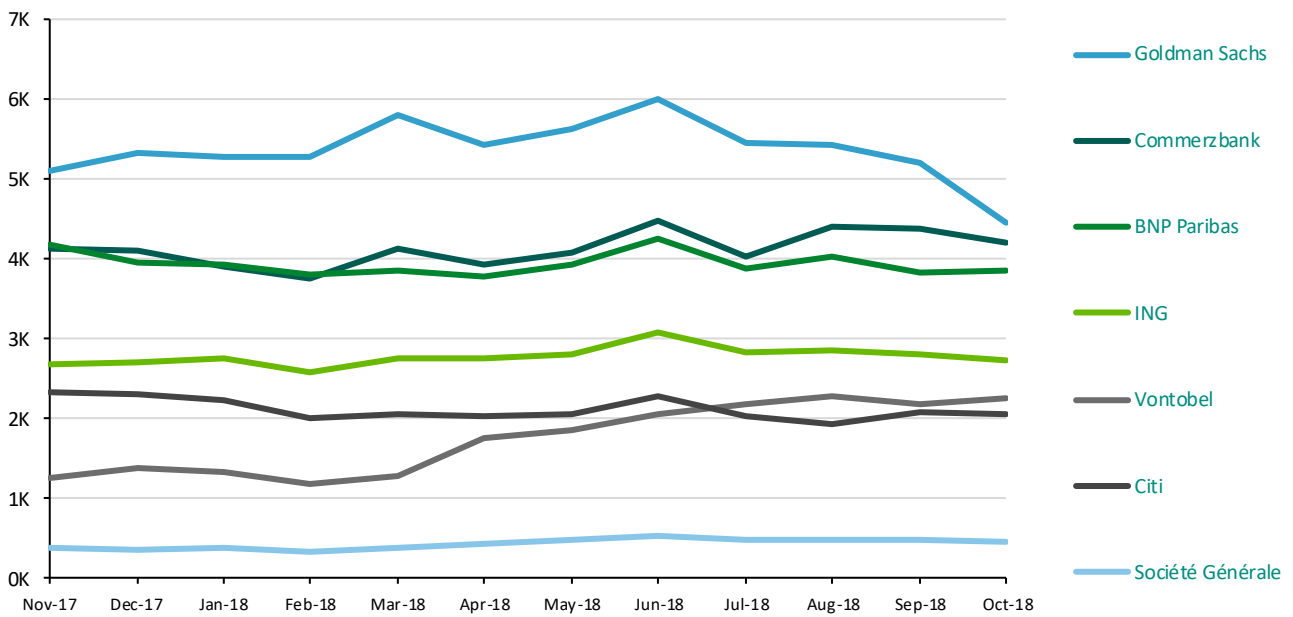
(Source Euronext)



# ISSUERS

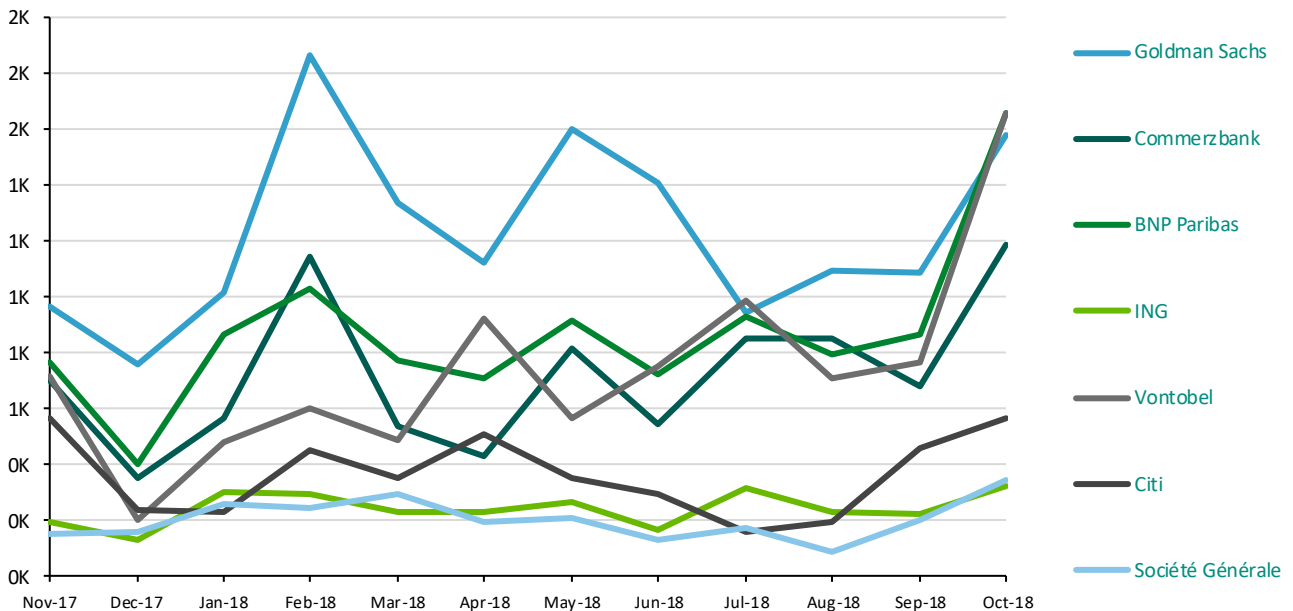
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

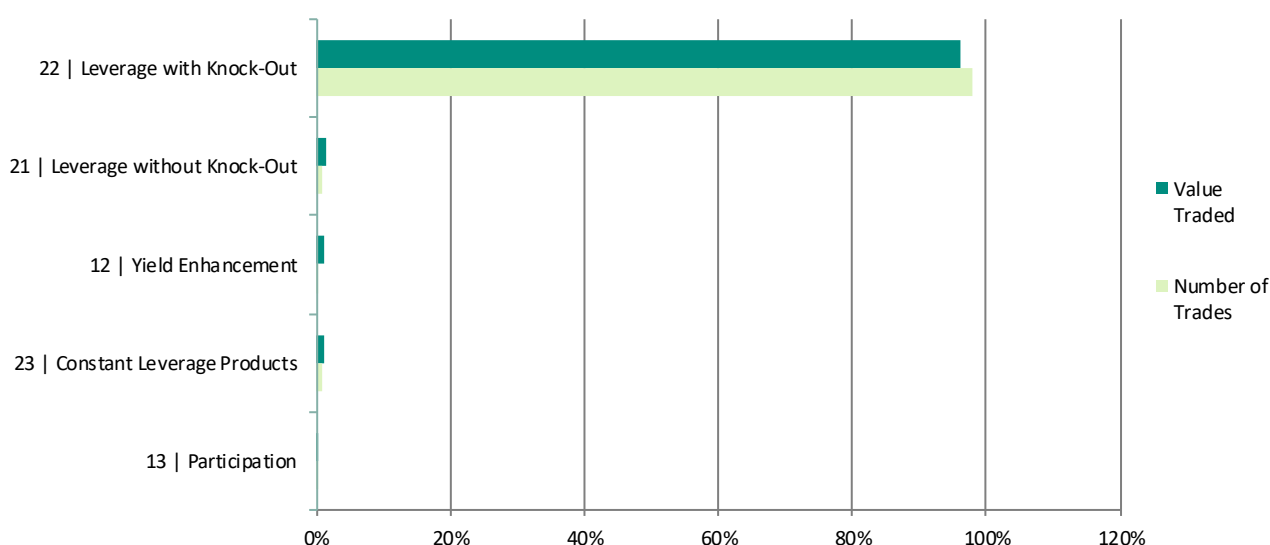
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	22,668	34%	6.2%	96.1%	7,951	26%	14.5%	97.9%
21   Leverage without Knock-Out	350	-58%	-74%	1.5%	63	-38%	-51%	0.8%
12   Yield Enhancement	268	-28%	9.0%	1.1%	25	-17.5%	21%	0.3%
23   Constant Leverage Products	260	15.2%	159%	1.1%	73	87%	113%	0.9%
13   Participation	41	113%	-18.6%	0.2%	6.4	10.2%	-30%	0.1%
<b>Total</b>	<b>23,588</b>	<b>28.2%</b>	<b>2.2%</b>	<b>100%</b>	<b>8,119</b>	<b>25.0%</b>	<b>13.8%</b>	<b>100%</b>

(Source Euronext)

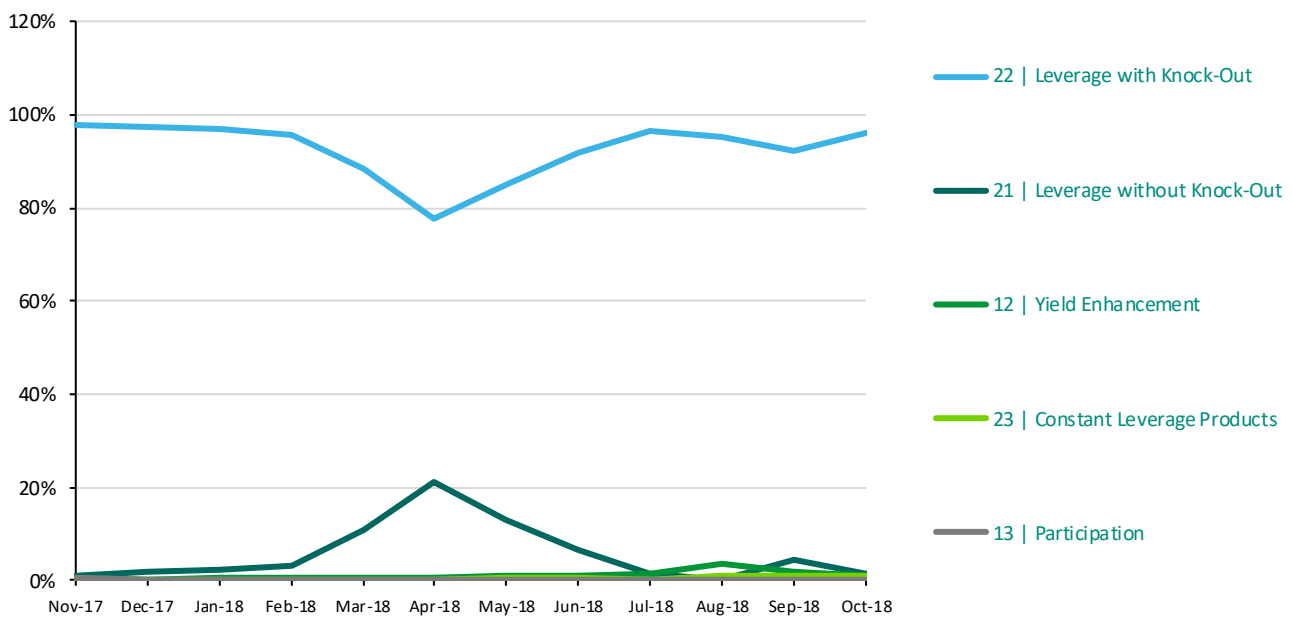




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

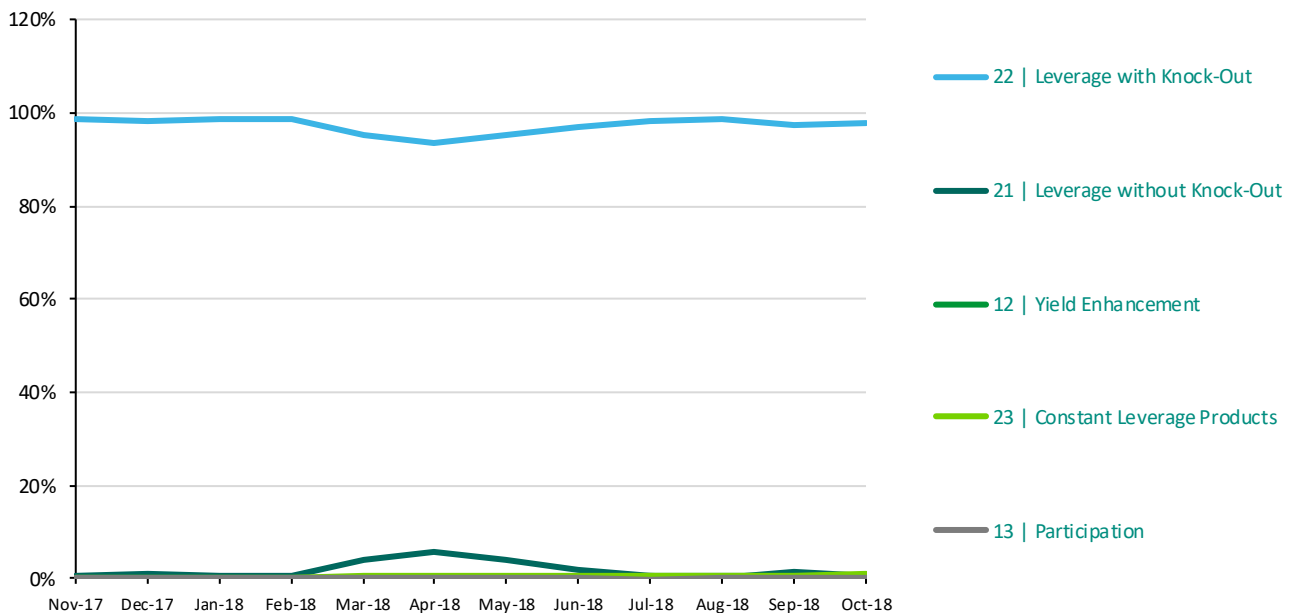
## Market Trend: Value traded

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)

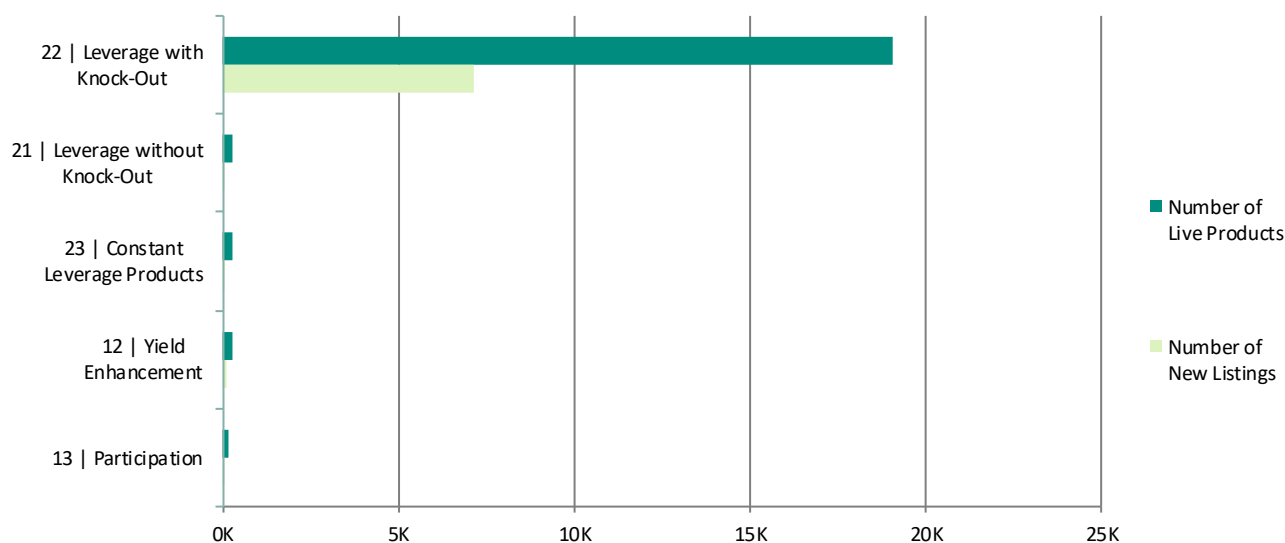
## Product Overview

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	19,069	-4.8%	-3.3%	95.2%	7,137	67%	66%	97.5%
21   Leverage without Knock-Out	281	-19.9%	-2.4%	1.4%	62	NA	33%	0.8%
23   Constant Leverage Products	262	4.6%	12.4%	1.3%	10	-41%	85%	0.1%
12   Yield Enhancement	255	17.8%	66%	1.3%	85		283%	1.2%
13   Participation	147	19.3%	18.4%	0.7%	24	380%	295%	0.3%
<b>Total</b>	<b>20,021</b>	<b>-4.5%</b>	<b>-2.4%</b>	<b>100%</b>	<b>7,318</b>	<b>70.8%</b>	<b>67.2%</b>	<b>100%</b>

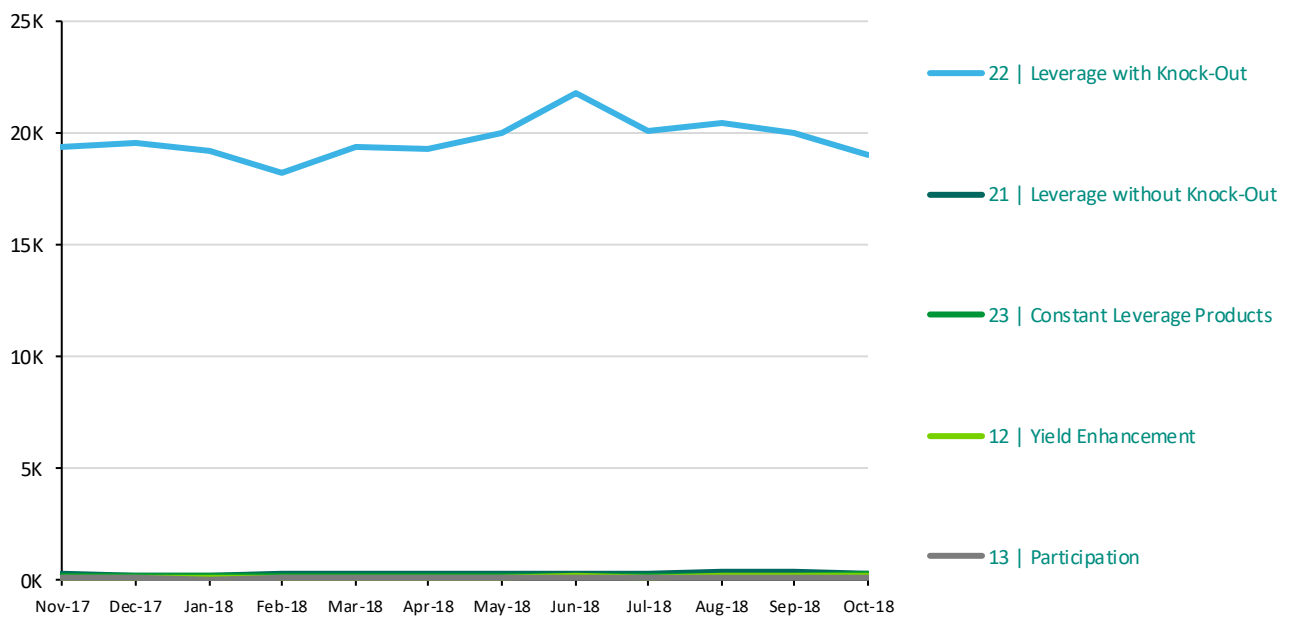
(Source Euronext)



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

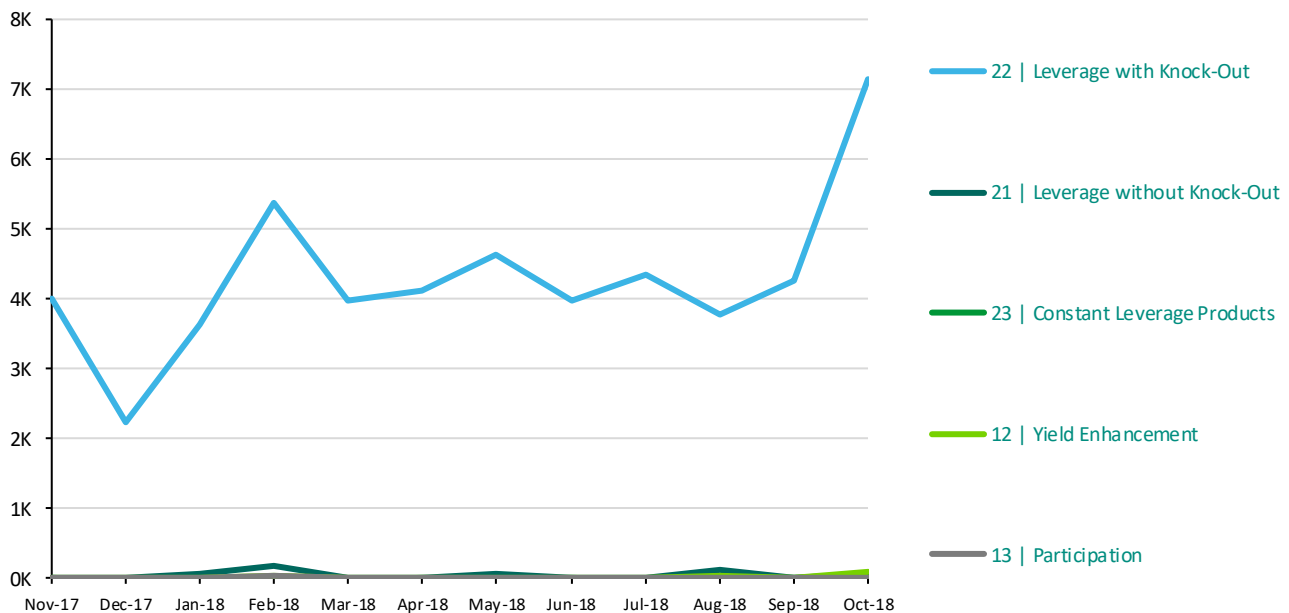
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

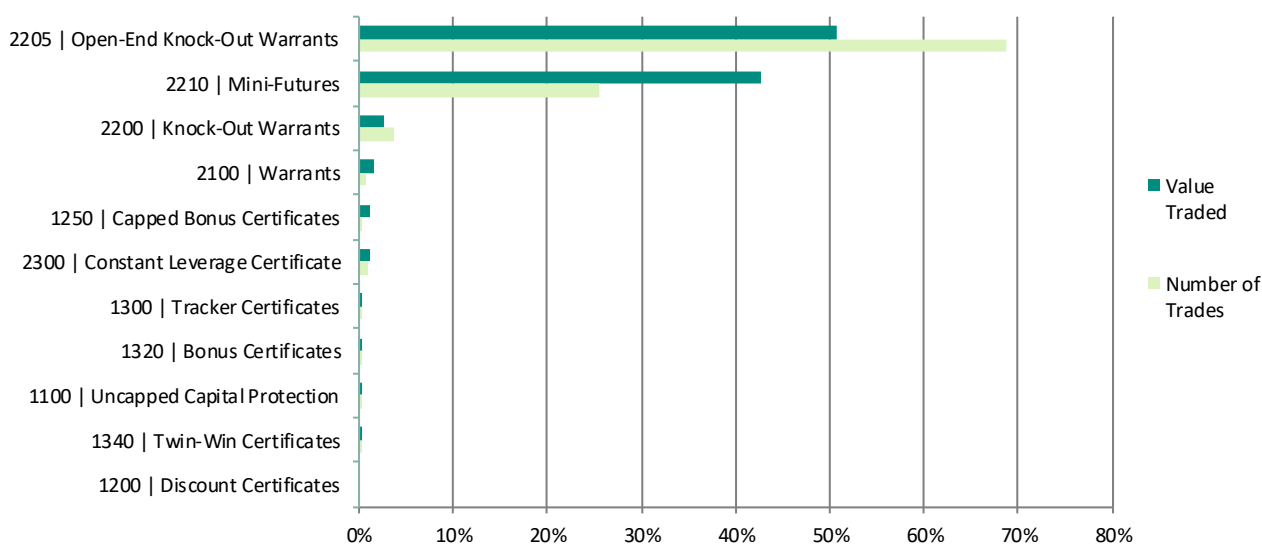
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	11,980	27%	5.9%	50.8%	5,584	27%	18.5%	68.8%
2210   Mini-Futures	10,080	50%	8.5%	42.7%	2,069	21%	6.4%	25.5%
2200   Knock-Out Warrants	608	-25%	-18.6%	2.6%	298	40%	5.4%	3.7%
2100   Warrants	350	-58%	-74%	1.5%	63	-38%	-51%	0.8%
1250   Capped Bonus Certificates	268	-28%	9.0%	1.1%	25	-17.5%	21%	0.3%
2300   Constant Leverage Certificate	260	15.2%	159%	1.1%	73	87%	113%	0.9%
1300   Tracker Certificates	27	102%	-22%	0.1%	3.7	28%	-8.6%	0.0%
1320   Bonus Certificates	13	148%	-7.6%	0.1%	2.6	-11.5%	-47%	0.0%
1100   Uncapped Capital Protection	1	304%	-60%	0.0%	0.2	-13.0%	-68%	0.0%
1340   Twin-Win Certificates	1	17.9%	-48%	0.0%	0.2	248%	-45%	0.0%
1200   Discount Certificates	0			0.0%	0.0			0.0%
<b>Total</b>	<b>23,588</b>	<b>28.2%</b>	<b>2.2%</b>	<b>100%</b>	<b>8,119</b>	<b>25.0%</b>	<b>13.8%</b>	<b>100%</b>

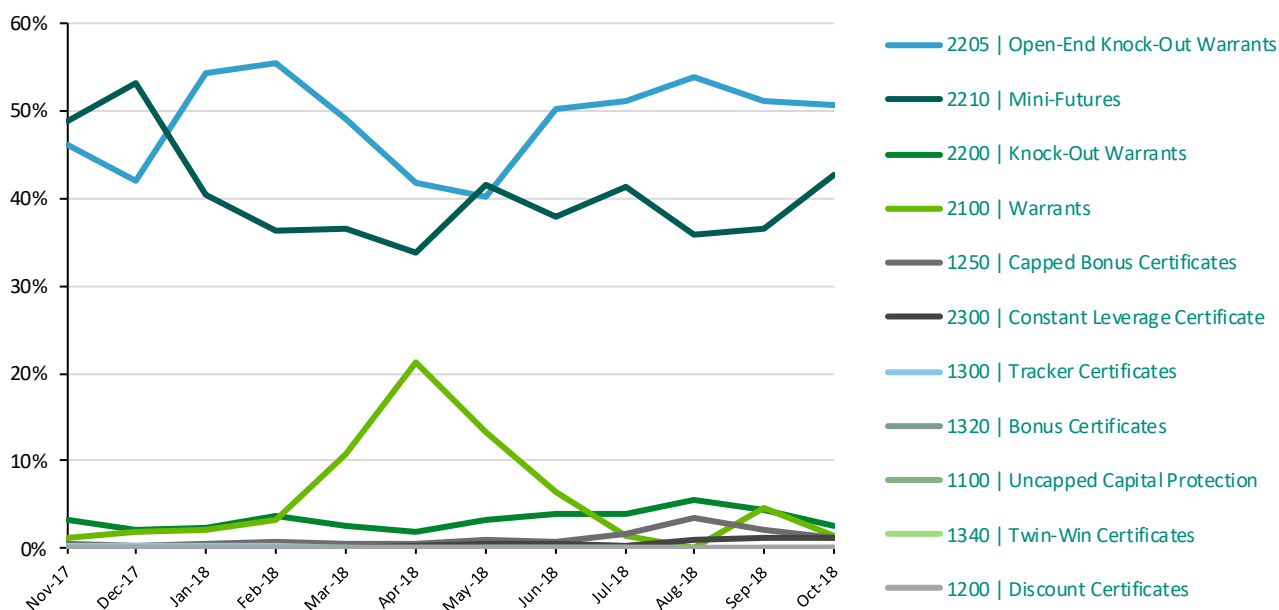
(Source Euronext)



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

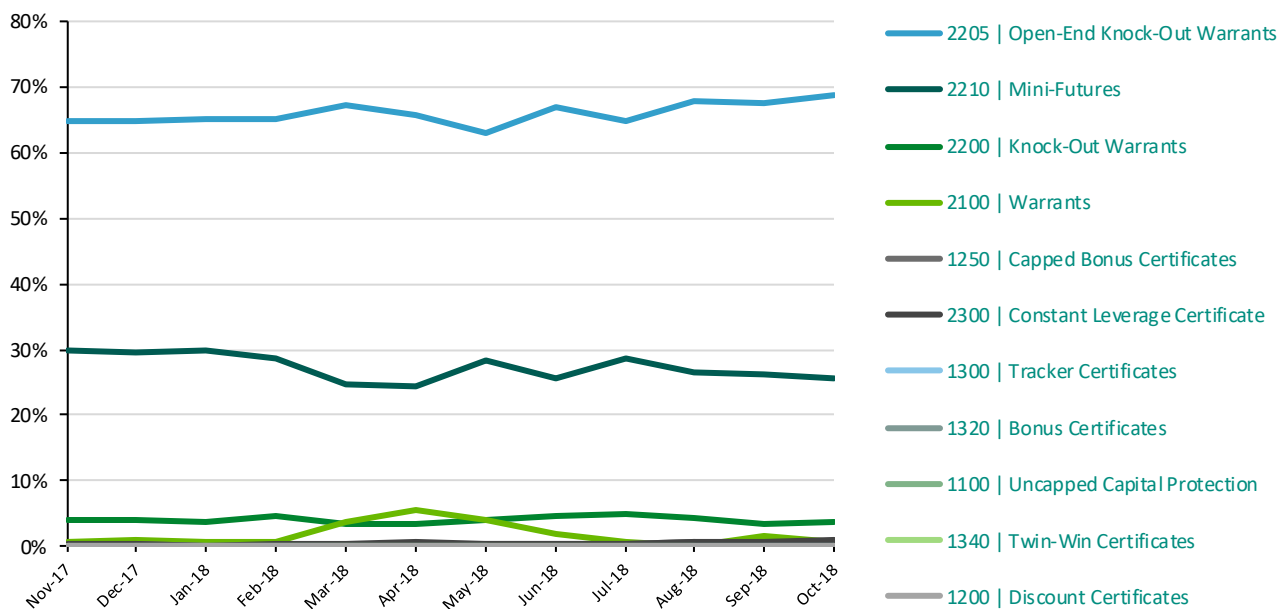
## Market Trend: Value traded

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)

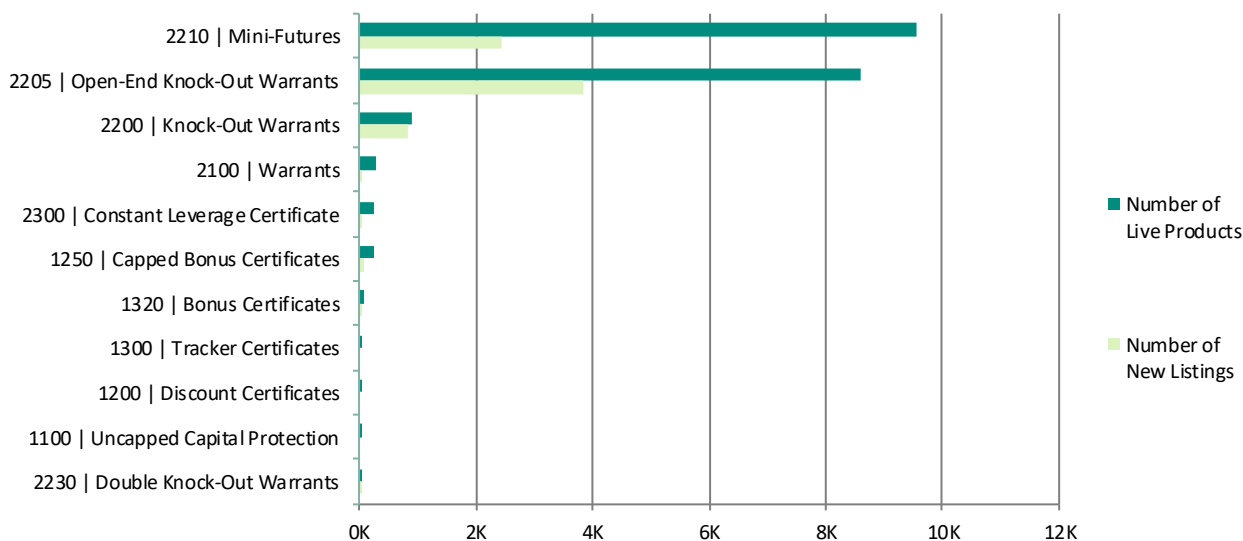
## Product Overview

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	9,548	-5.9%	-6.7%	47.7%	2,437	39%	36%	33.3%
2205   Open-End Knock-Out Warrants	8,595	-2.3%	-0.1%	42.9%	3,846	72%	88%	52.6%
2200   Knock-Out Warrants	919	-14.6%	4.8%	4.6%	843	208%	83%	11.5%
2100   Warrants	281	-19.9%	-2.2%	1.4%	62	NA	33%	0.8%
2300   Constant Leverage Certificate	262	4.6%	12.4%	1.3%	10	-41%	85%	0.1%
1250   Capped Bonus Certificates	241	19.0%	65%	1.2%	85		295%	1.2%
1320   Bonus Certificates	88	39%	44%	0.4%	24	380%	295%	0.3%
1300   Tracker Certificates	59	-1.5%	-3.7%	0.3%	0			0.0%
1200   Discount Certificates	14	0.0%	76%	0.1%	0		-100%	0.0%
1100   Uncapped Capital Protection	7	0.0%	0.8%	0.0%	0		-100%	0.0%
2230   Double Knock-Out Warrants	7		NA	0.0%	11		NA	0.2%
<b>Total</b>	<b>20,021</b>	<b>-4.5%</b>	<b>-2.4%</b>	<b>100%</b>	<b>7,318</b>	<b>70.8%</b>	<b>67.2%</b>	<b>100%</b>

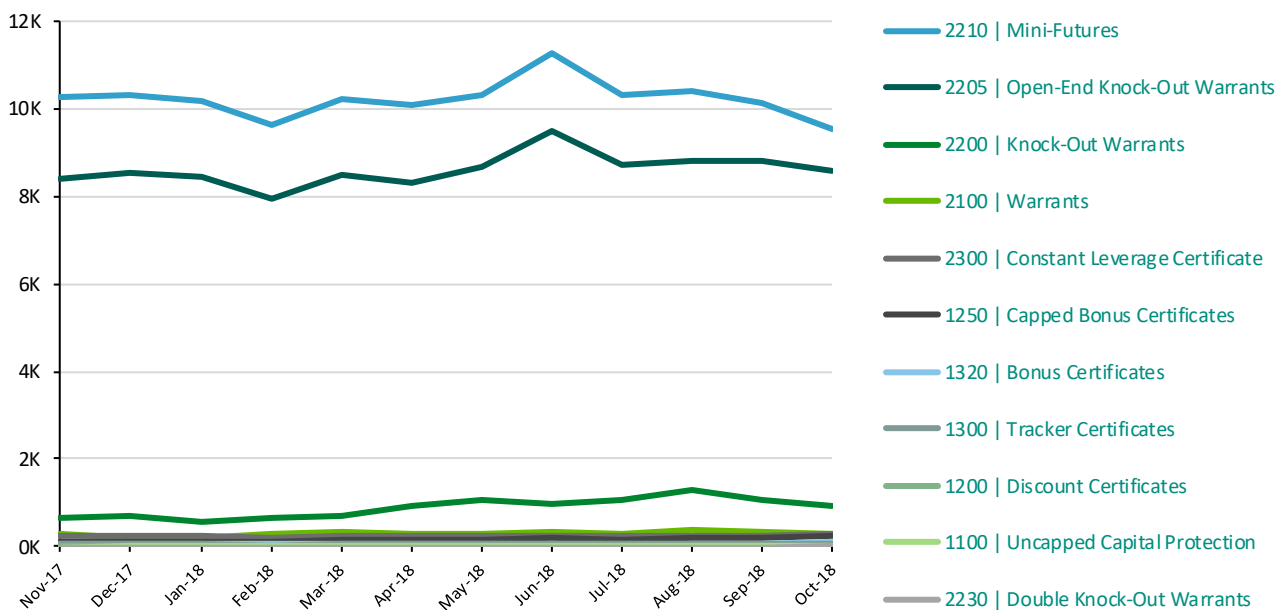
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

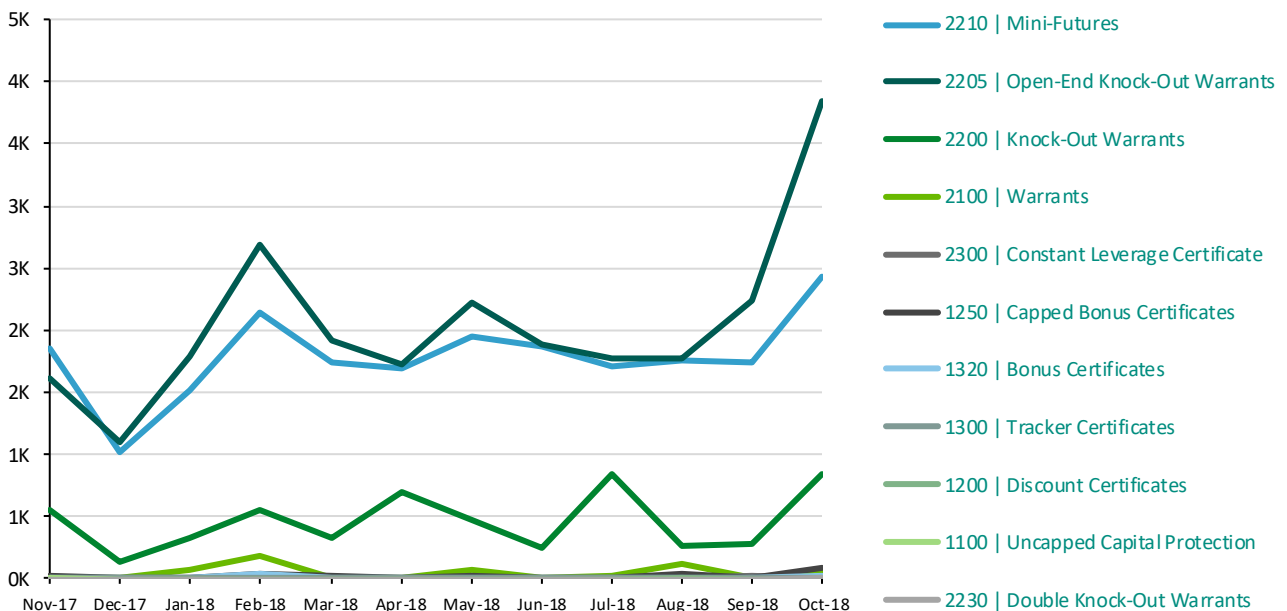
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

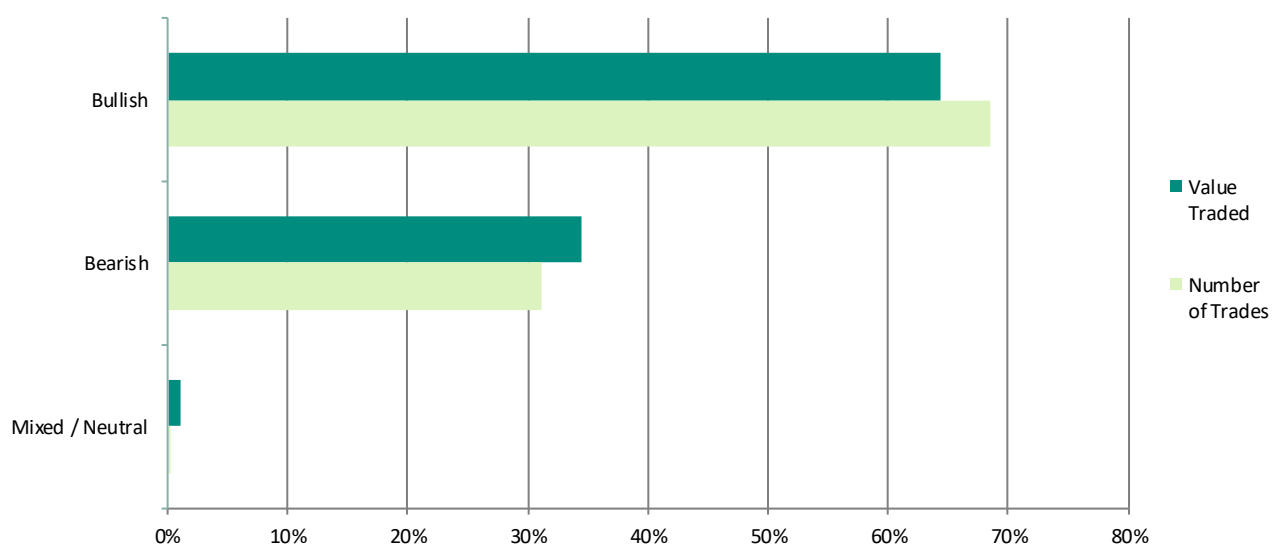
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	15,191	24%	-4.8%	64.4%	5,569	27%	14.6%	68.6%
Bearish	8,129	41%	18.3%	34.5%	2,524	21%	12.0%	31.1%
Mixed / Neutral	268	-28%	9.0%	1.1%	25	-17.5%	21%	0.3%
Total	23,588	28.2%	2.2%	100%	8,119	25.0%	13.8%	100%

(Source Euronext)

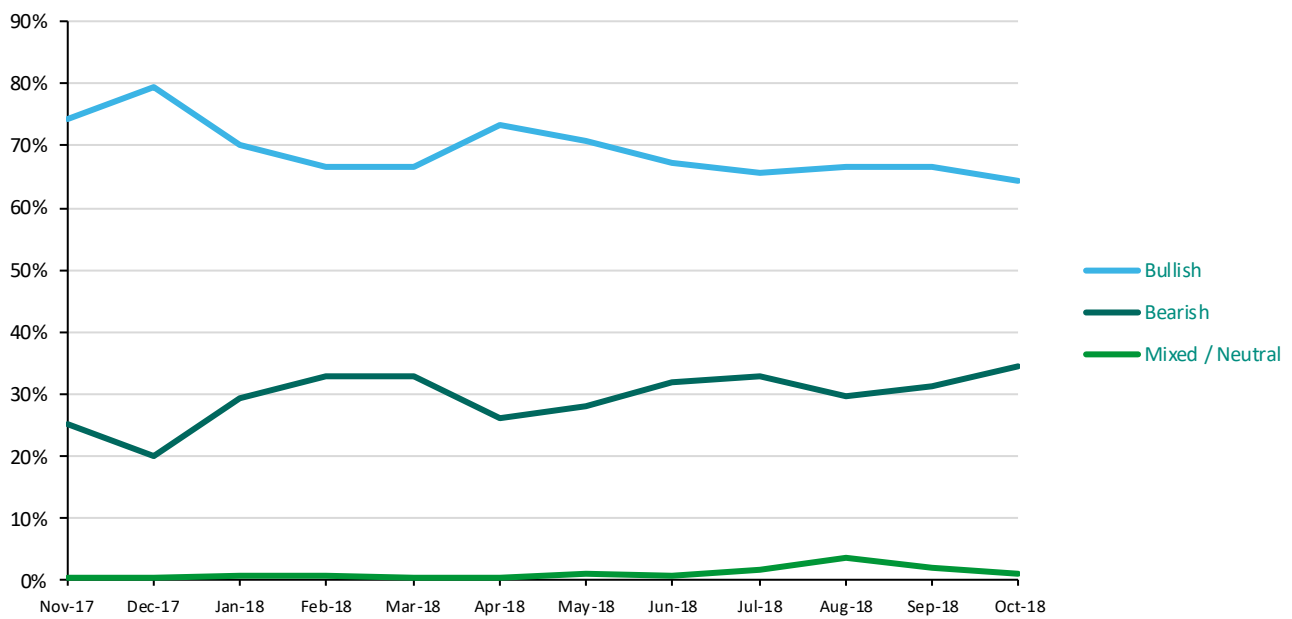




# PRODUCT STRATEGIES

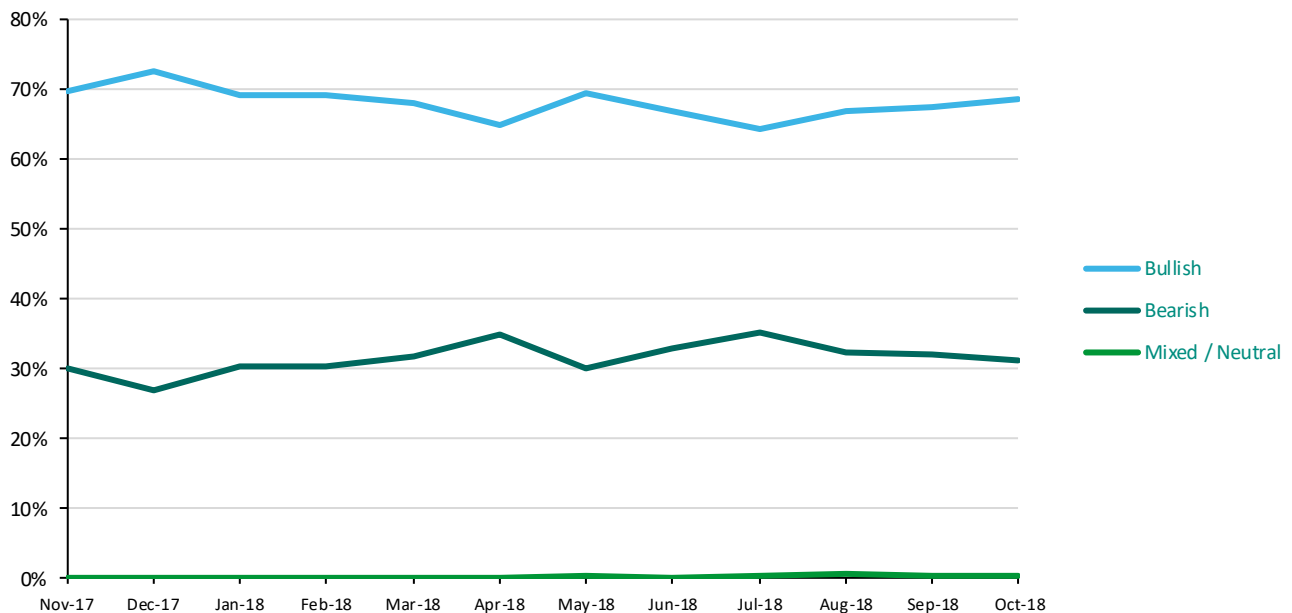
## Market Trend: Value traded

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

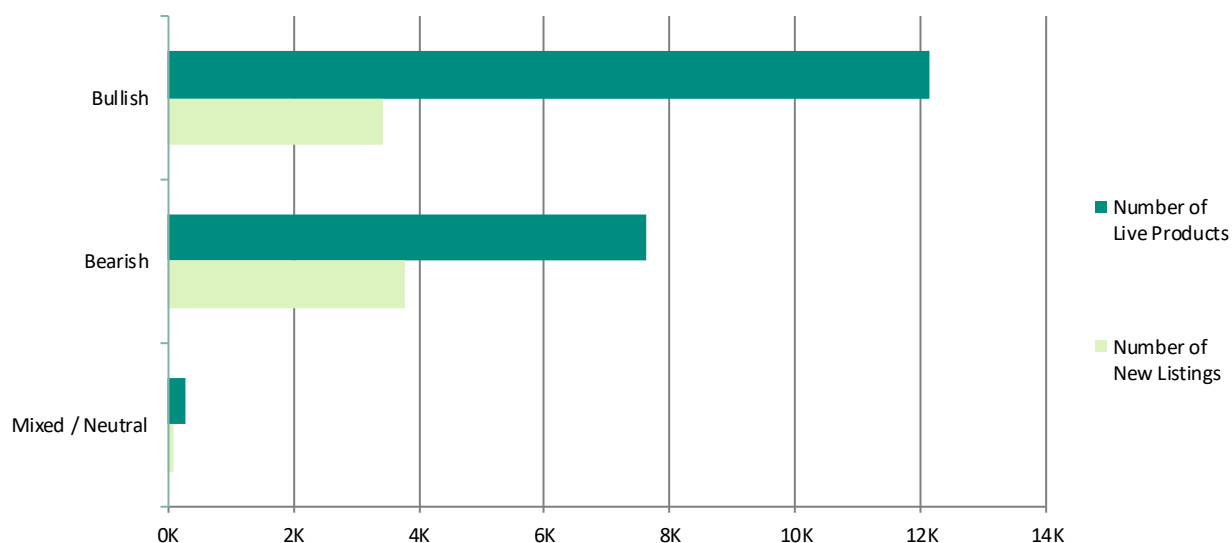
## Product Overview

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	12,148	-10.1%	-12.4%	60.7%	3,439	53%	48%	47.0%
Bearish	7,610	5.1%	17.1%	38.0%	3,783	86%	86%	51.7%
Mixed / Neutral	262	21%	67%	1.3%	96		316%	1.3%
Total	20,021	-4.5%	-2.4%	100%	7,318	70.8%	67.2%	100%

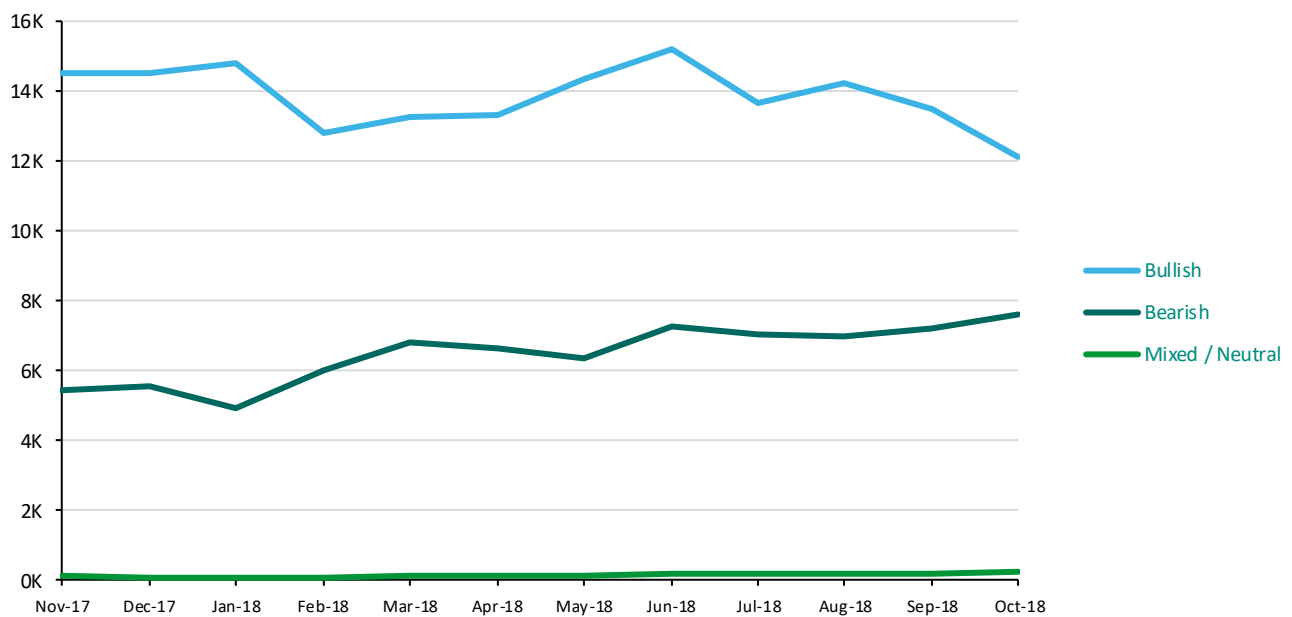
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# PRODUCT STRATEGIES

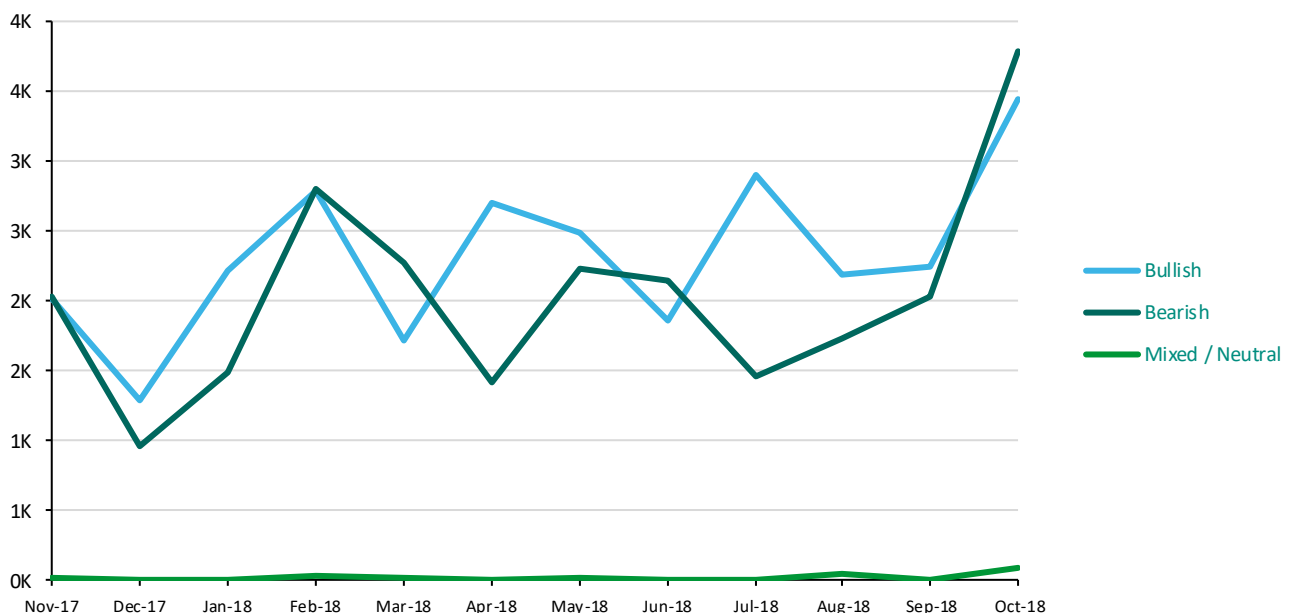
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# UNDERLYING TYPES

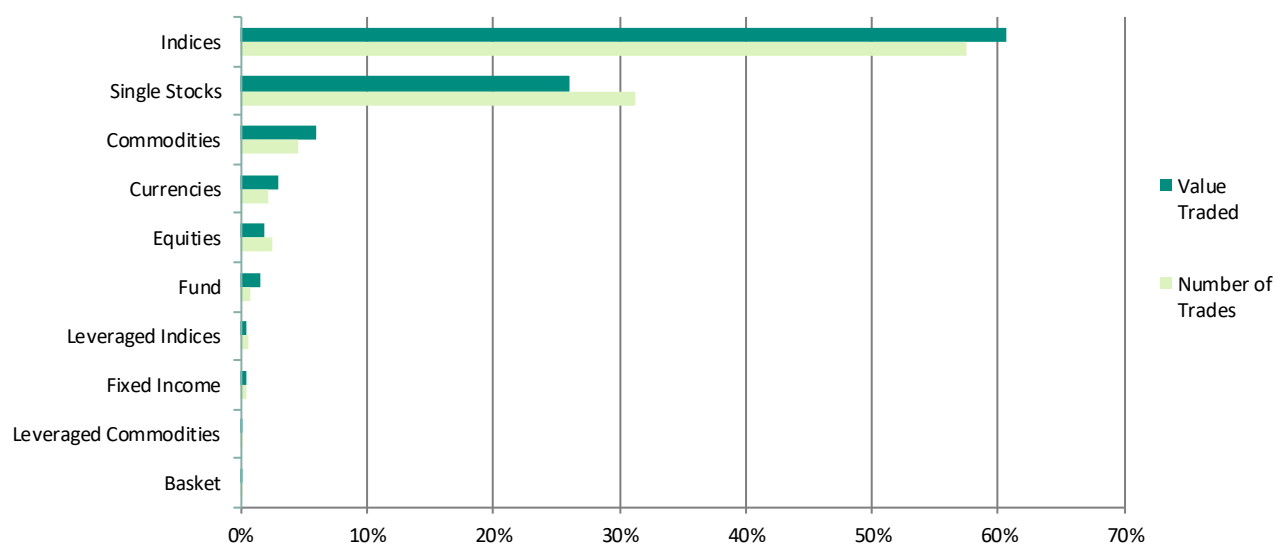
## Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	14,313	69%	22%	60.7%	4,673	50%	31%	57.6%
Single Stocks	6,133	4.2%	-7.6%	26.0%	2,539	5.5%	0.2%	31.3%
Commodities	1,408	19.6%	5.1%	6.0%	374	12.5%	-6.7%	4.6%
Currencies	706	-53%	-55%	3.0%	182	-30%	-37%	2.2%
Equities	446	19.1%	48%	1.9%	205	-17.8%	19.4%	2.5%
Fund	345	-59%	-74%	1.5%	60	-39%	-51%	0.7%
Leveraged Indices	108	-9.2%	142%	0.5%	47	135%	183%	0.6%
Fixed Income	86	98%	29%	0.4%	30	171%	14.0%	0.4%
Leveraged Commodities	29	372%	143%	0.1%	8.3	56%	26%	0.1%
Basket	14	62%	-16.6%	0.1%	1.2	17.4%	-30%	0.0%
<b>Total</b>	<b>23,588</b>	<b>28.2%</b>	<b>2.2%</b>	<b>100%</b>	<b>8,119</b>	<b>25.0%</b>	<b>13.8%</b>	<b>100%</b>

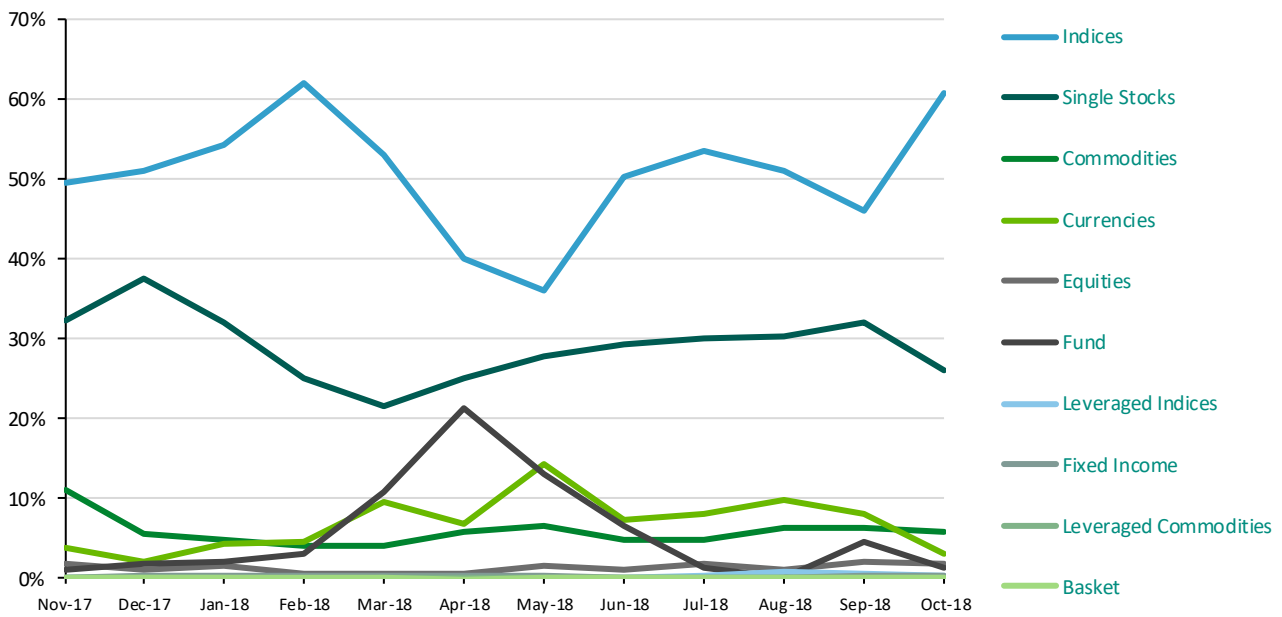
(Source Euronext)



# UNDERLYING TYPES

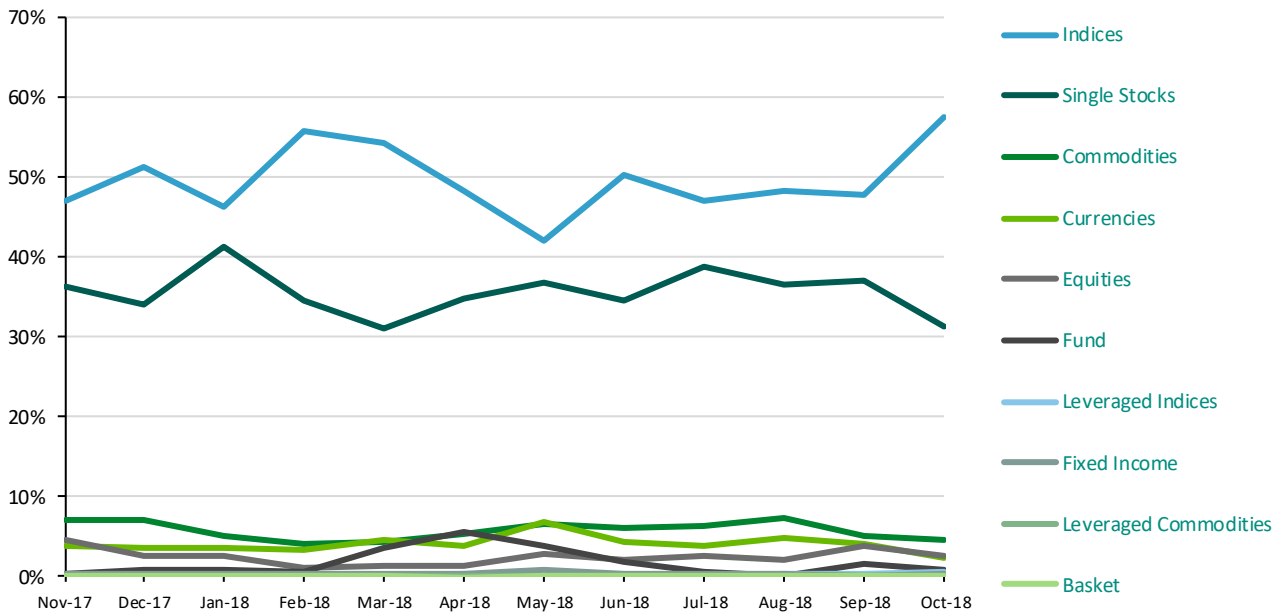
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# UNDERLYING TYPES

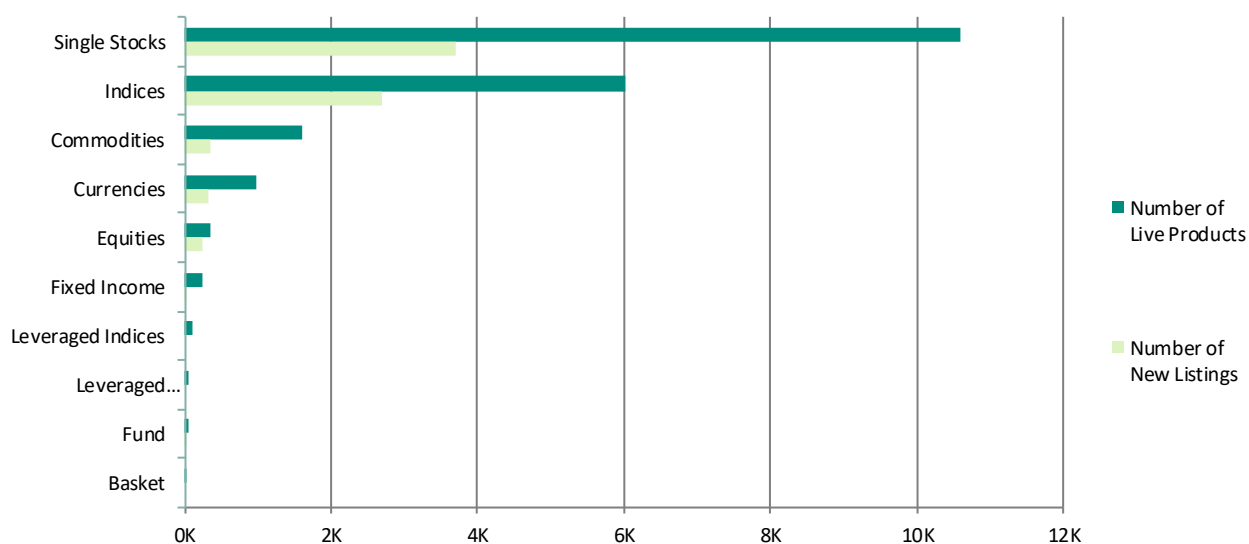
## Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	10,594	-1.5%	3.4%	52.9%	3,706	58%	85%	50.6%
Indices	6,016	-9.2%	-13.3%	30.1%	2,684	114%	52%	36.7%
Commodities	1,591	-1.8%	5.2%	7.9%	337	43%	39%	4.6%
Currencies	981	-16.6%	-12.2%	4.9%	332	28%	48%	4.5%
Equities	356	13.0%	37%	1.8%	237	29%	97%	3.2%
Fixed Income	244	-0.4%	2.5%	1.2%	19	171%	73%	0.3%
Leveraged Indices	107	-0.9%	7.8%	0.5%	0		-100%	0.0%
Leveraged Commodities	61	0.0%	11.7%	0.3%	0		-100%	0.0%
Fund	55	4.2%	33%	0.3%	3	50%	20.0%	0.0%
Basket	14	0.9%	-4.2%	0.1%	0			0.0%
<b>Total</b>	<b>20,021</b>	<b>-4.5%</b>	<b>-2.4%</b>	<b>100%</b>	<b>7,318</b>	<b>70.8%</b>	<b>67.2%</b>	<b>100%</b>

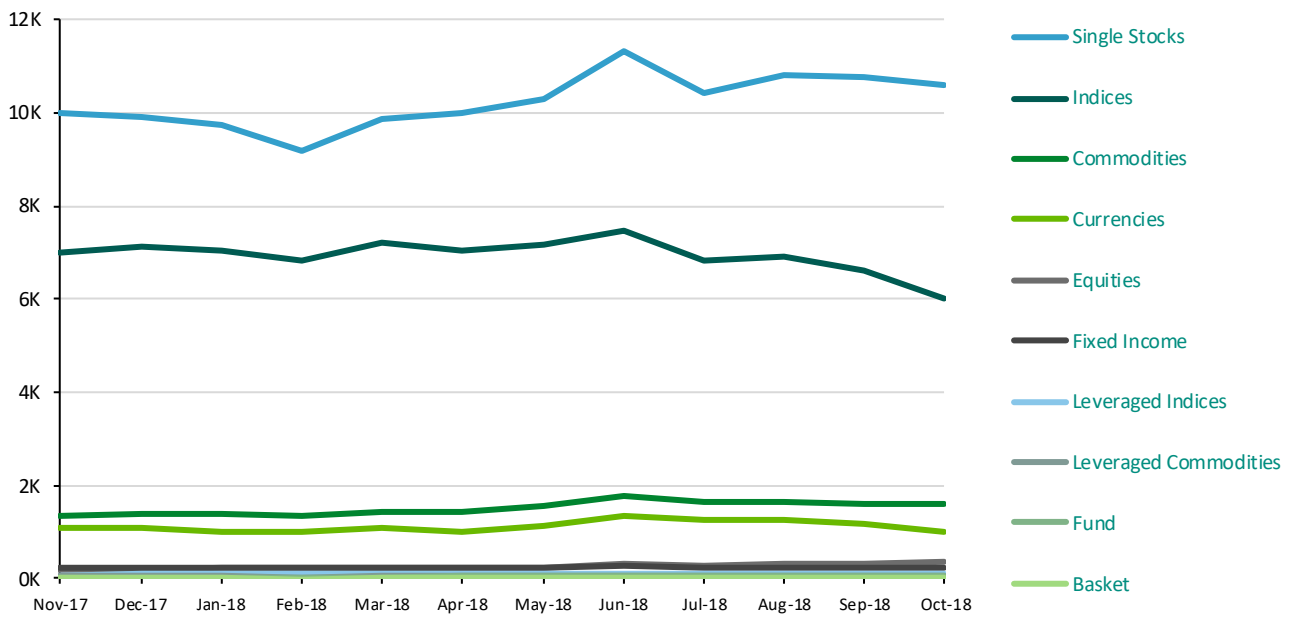
(Source Euronext)



# UNDERLYING TYPES

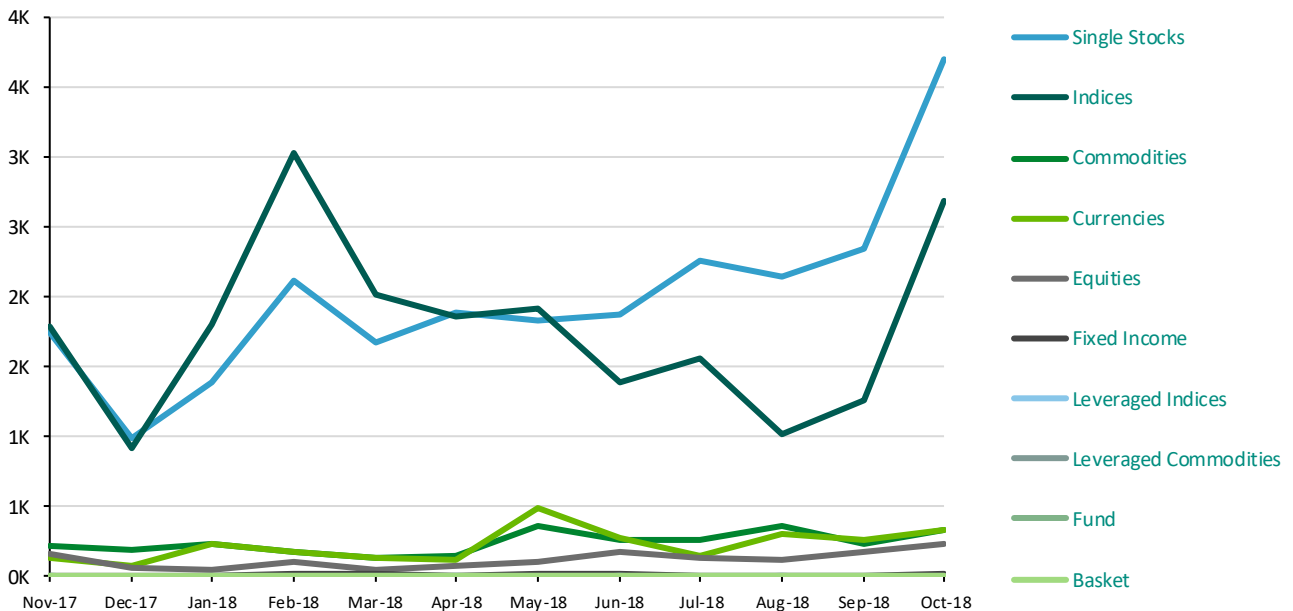
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYING COUNTRIES

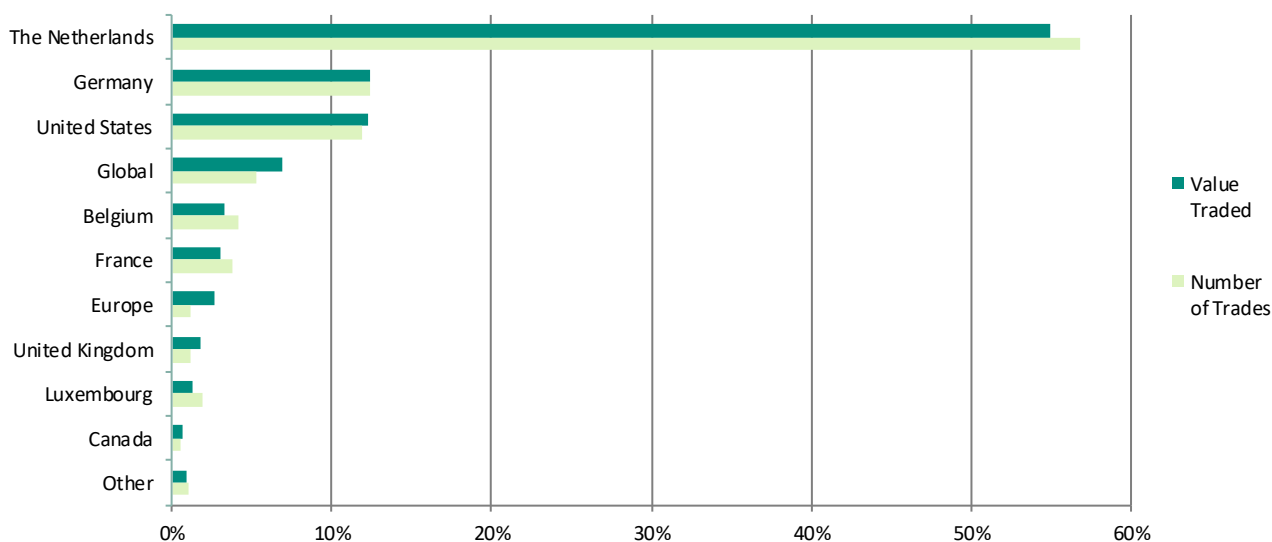
## Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	12,961	69%	13.3%	54.9%	4,620	34%	20%	56.9%
Germany	2,931	8.0%	5.5%	12.4%	1,005	36%	17.0%	12.4%
United States	2,901	-5.8%	-12.2%	12.3%	968	12.3%	15.9%	11.9%
Global	1,635	27%	10.9%	6.9%	424	17.9%	-4.3%	5.2%
Belgium	768	-24%	-12.3%	3.3%	334	-12.6%	-0.2%	4.1%
France	702	39%	26%	3.0%	306	36%	21%	3.8%
Europe	607	-43%	-60%	2.6%	93	-18.5%	-37%	1.1%
United Kingdom	404	-1.8%	17.2%	1.7%	87	-3.2%	-10.9%	1.1%
Luxembourg	303	-10.4%	-34%	1.3%	157	3.8%	-28%	1.9%
Canada	160	175%		0.7%	39	6.4%		0.5%
Other	215	-22%	-34%	0.9%	85	0.9%	-21%	1.0%
<b>Total</b>	<b>23,588</b>	<b>28.2%</b>	<b>2.2%</b>	<b>100%</b>	<b>8,119</b>	<b>25.0%</b>	<b>13.8%</b>	<b>100%</b>

(Source Euronext)

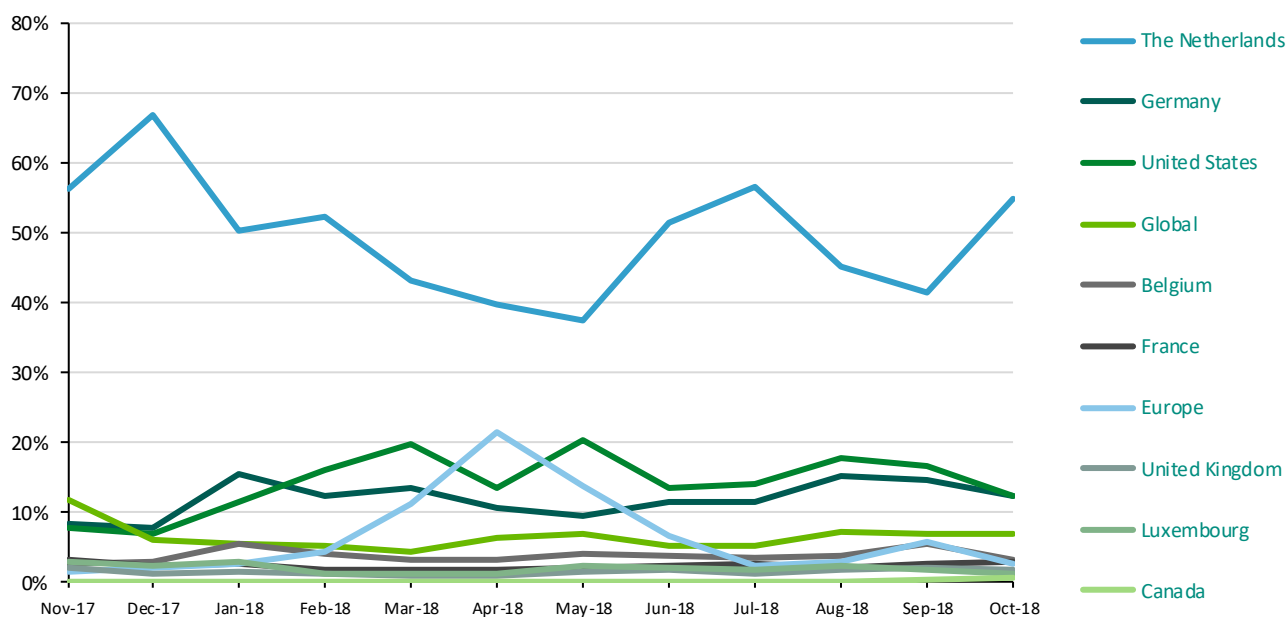




# TOP 10 UNDERLYING COUNTRIES

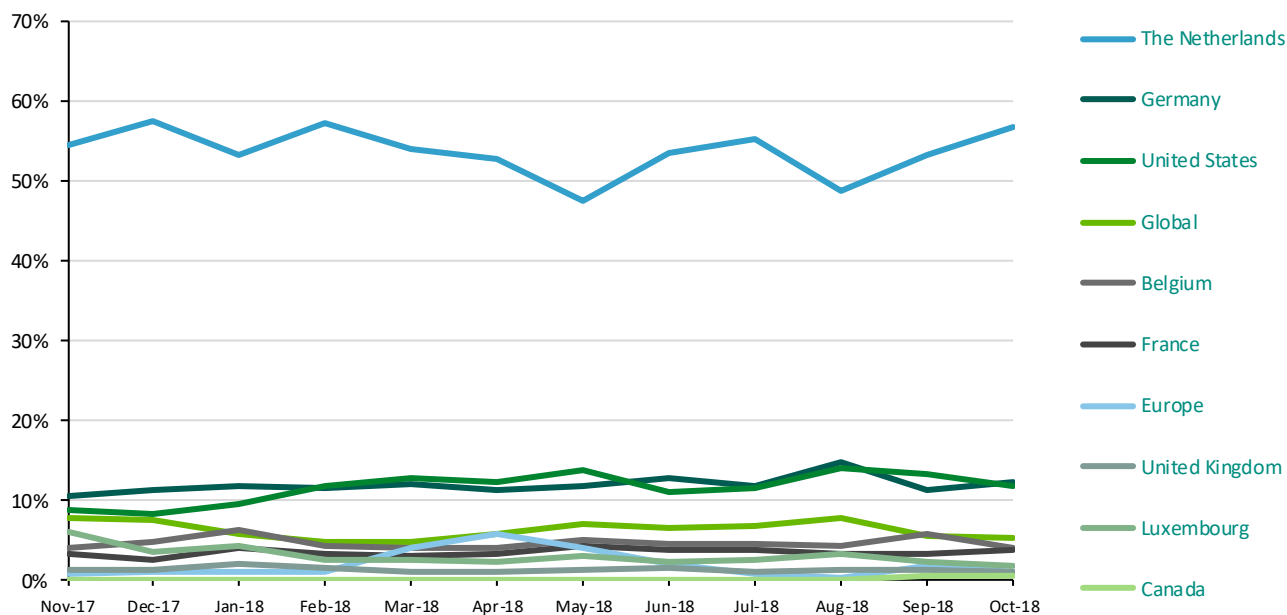
## Market Trend: Value traded

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

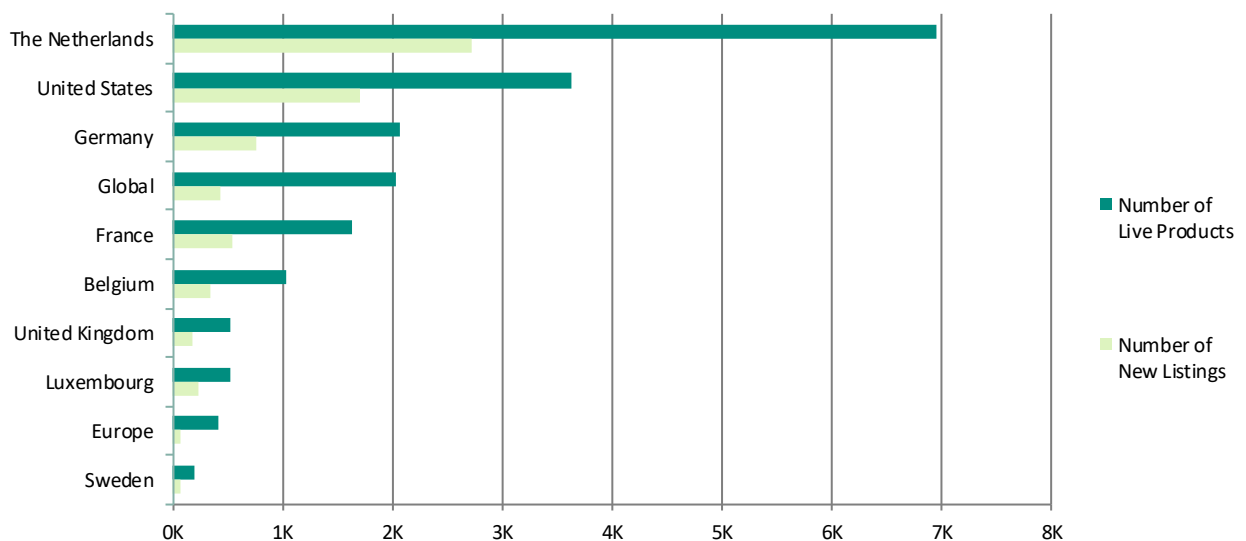
## Product Overview

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	6,962	-5.5%	-4.3%	34.8%	2,723	79%	79%	37.2%
United States	3,639	-6.5%	1.8%	18.2%	1,704	95%	78%	23.3%
Germany	2,069	-8.5%	-19.2%	10.3%	755	59%	21%	10.3%
Global	2,026	-2.2%	5.3%	10.1%	432	44%	46%	5.9%
France	1,632	-4.0%	-3.2%	8.2%	542	35%	64%	7.4%
Belgium	1,035	-0.4%	5.0%	5.2%	334	37%	102%	4.6%
United Kingdom	525	1.2%	5.5%	2.6%	170	70%	91%	2.3%
Luxembourg	525	0.4%	0.2%	2.6%	235	50%	46%	3.2%
Europe	409	1.7%	7.3%	2.0%	68	134%	92%	0.9%
Sweden	188	-0.8%	16.3%	0.9%	63	110%	91%	0.9%
Other	1,012	0.2%	6.3%	5.1%	292	92%	83%	4.0%
<b>Total</b>	<b>20,021</b>	<b>-4.5%</b>	<b>-2.4%</b>	<b>100%</b>	<b>7,318</b>	<b>70.8%</b>	<b>67.2%</b>	<b>100%</b>

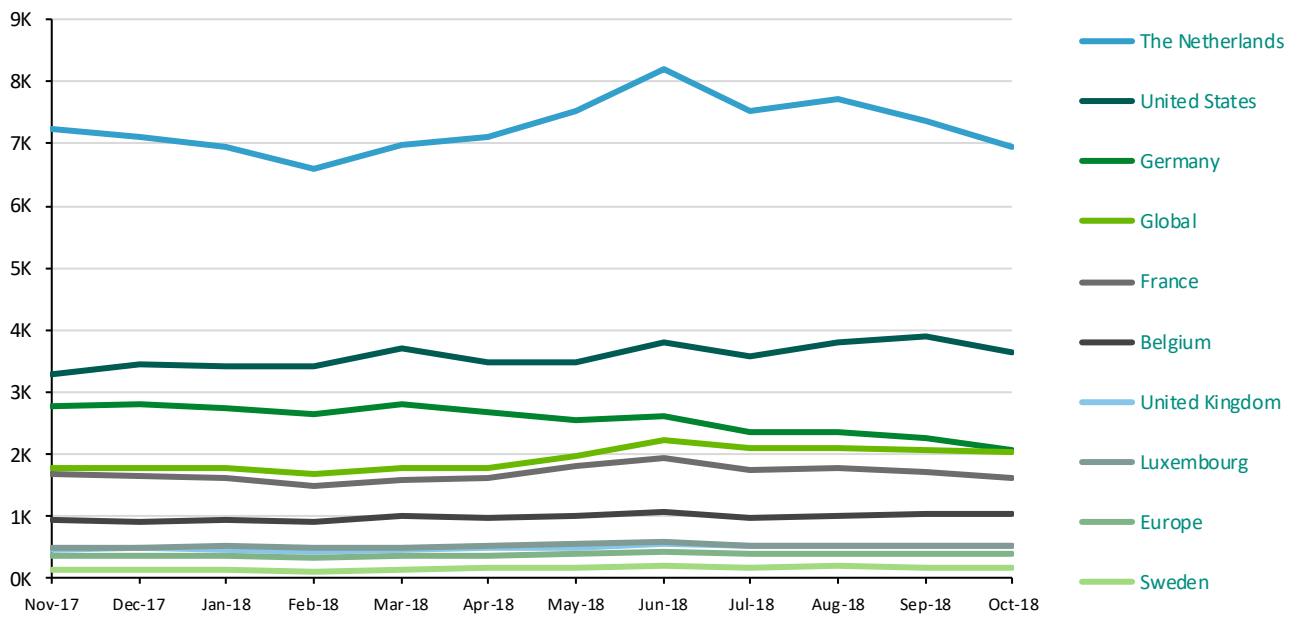
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

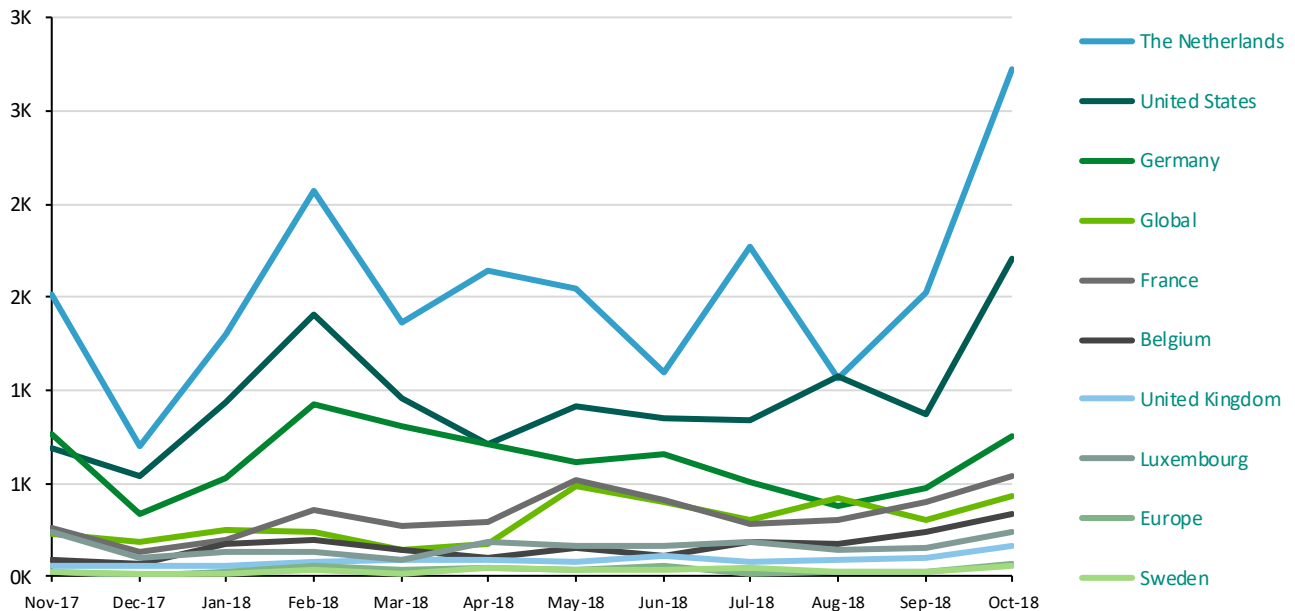
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

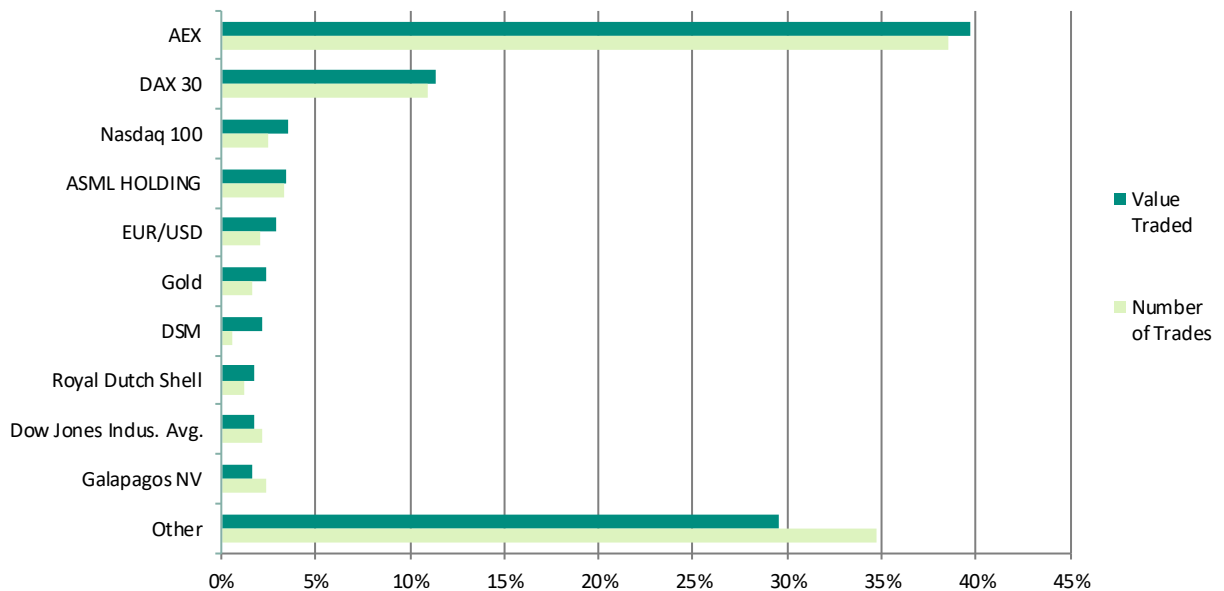
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	9,357	119%	27%	39.7%	3,129	59%	35%	38.5%
DAX 30	2,669	7.3%	8.6%	11.3%	889	39%	21%	10.9%
Nasdaq 100	830	70%	109%	3.5%	202	41%	58%	2.5%
ASML HOLDING	800	-1.5%	2.9%	3.4%	272	-1.9%	27%	3.3%
EUR/USD	678	-50%	-54%	2.9%	164	-29%	-36%	2.0%
Gold	558	164%	13.5%	2.4%	133	75%	8.1%	1.6%
DSM	520	474%	247%	2.2%	45	99%	34%	0.6%
Royal Dutch Shell	417	-7.3%	13.2%	1.8%	100	1.4%	-3.3%	1.2%
Dow Jones Indus. Avg.	401	-35%	-45%	1.7%	174	-0.2%	9.3%	2.1%
Galapagos NV	386	-46%	-18.2%	1.6%	193	-22%	11.0%	2.4%
Other	6,973	1.1%	-16.8%	29.6%	2,818	7.8%	-2.6%	34.7%
<b>Total</b>	<b>23,588</b>	<b>28.2%</b>	<b>2.2%</b>	<b>100%</b>	<b>8,119</b>	<b>25.0%</b>	<b>13.8%</b>	<b>100%</b>

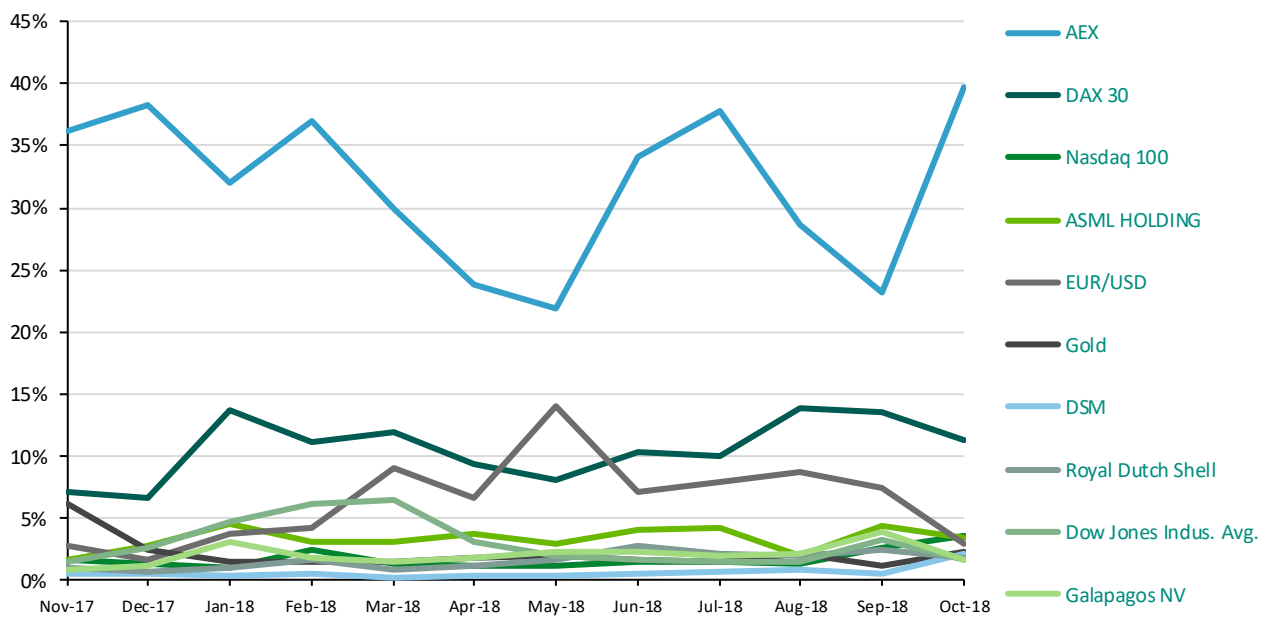
(Source Euronext)



# TOP 10 UNDERLYINGS

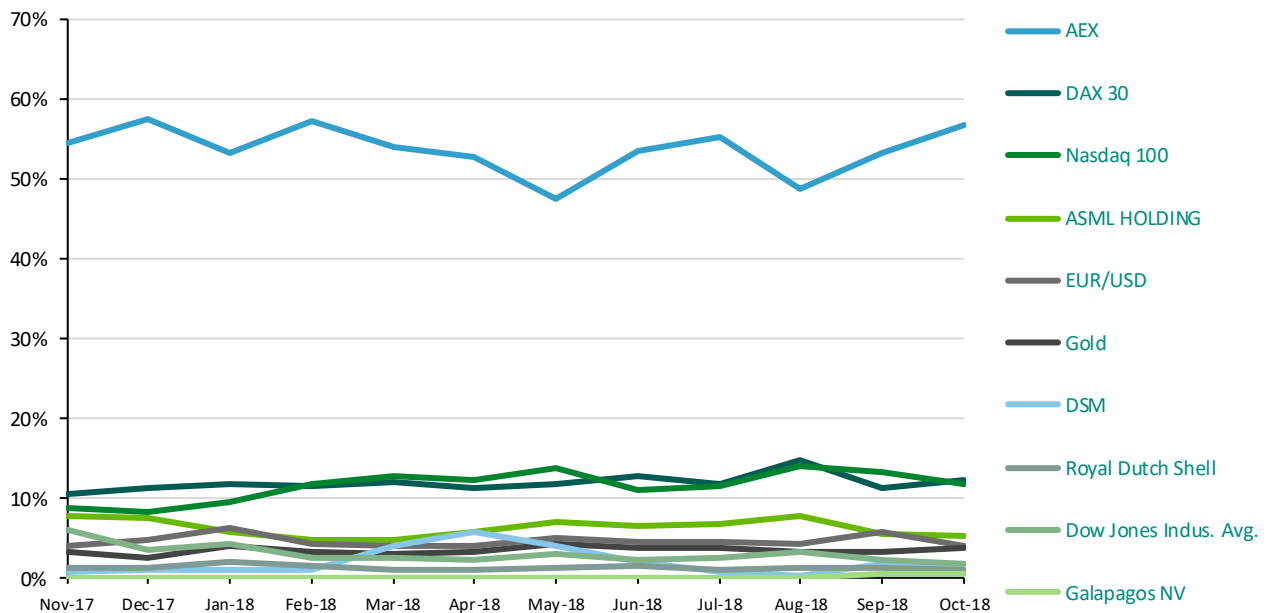
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYINGS

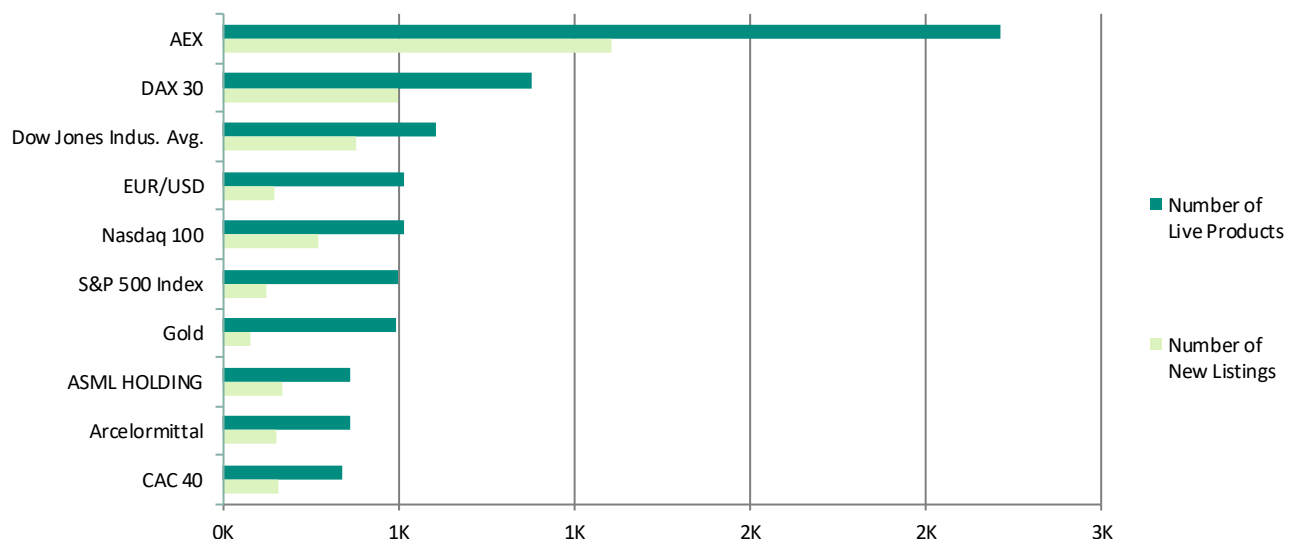
## Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
AEX	2,215	-11.1%	-13.7%	11.1%	1,105	152%	74%	15.1%
DAX 30	879	-14.0%	-32%	4.4%	496	64%	12.4%	6.8%
Dow Jones Indus. Avg.	604	-8.8%	-26%	3.0%	378	139%	22%	5.2%
EUR/USD	518	-22%	-22%	2.6%	146	40%	1.9%	2.0%
Nasdaq 100	514	-6.5%	35%	2.6%	274	114%	134%	3.7%
S&P 500 Index	496	-4.3%	7.8%	2.5%	125	238%	57%	1.7%
Gold	495	-10.0%	-2.2%	2.5%	80	90%	38%	1.1%
ASML HOLDING	361	-6.7%	5.4%	1.8%	168	71%	82%	2.3%
Arcelormittal	360	0.7%	6.4%	1.8%	153	37%	60%	2.1%
CAC 40	342	-16.1%	-26%	1.7%	160	16.8%	46%	2.2%
Other	13,238	-0.9%	4.3%	66.1%	4,233	55%	84%	57.8%
Total	20,021	-4.5%	-2.4%	100%	7,318	70.8%	67.2%	100%

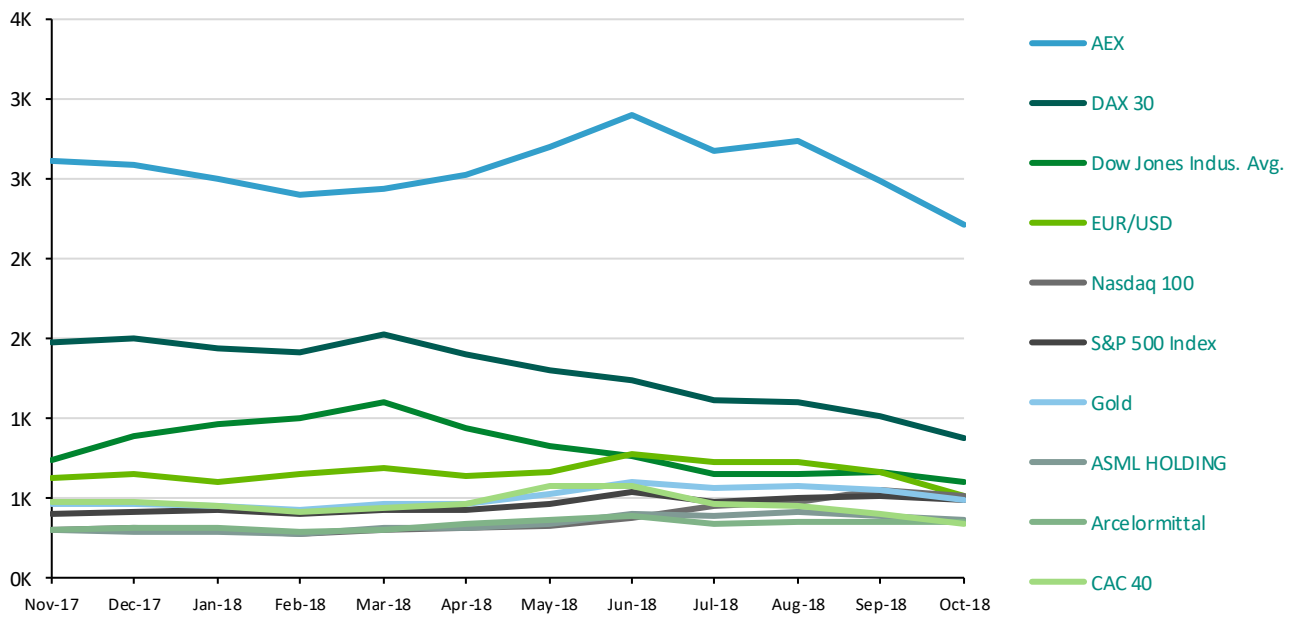
(Source Euronext)



# TOP 10 UNDERLYINGS

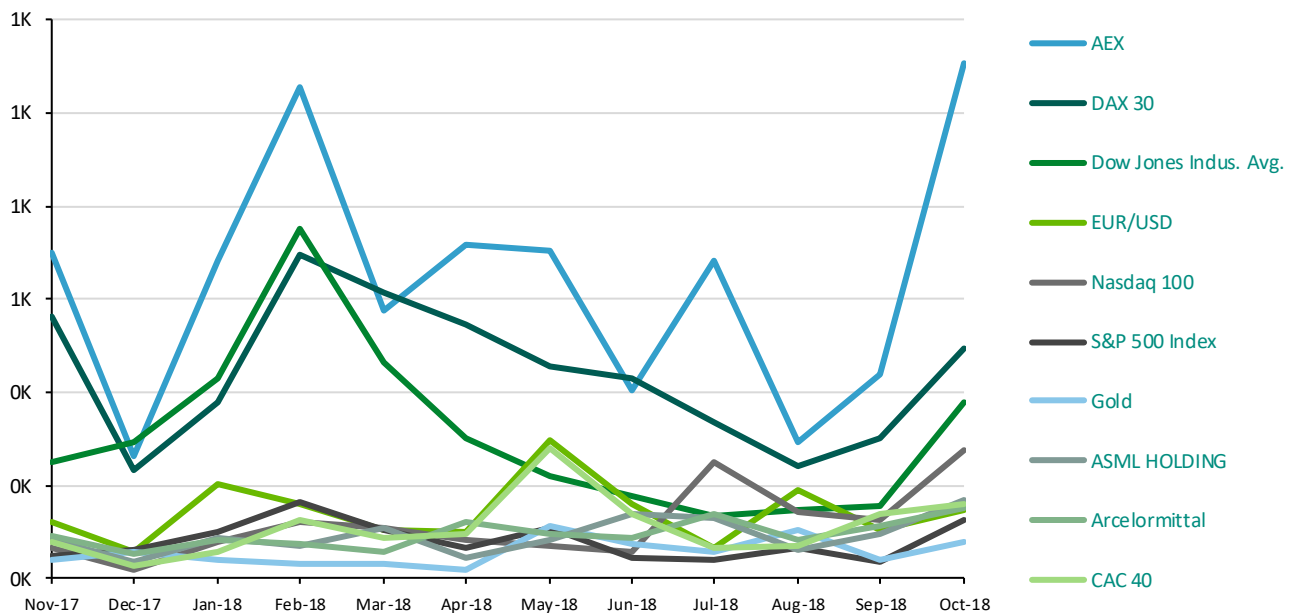
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NL0011907449	BNP Paribas	2205   Open-End Knock-Out Warrants	DSM	20,168	302
NL0013014004	BNP Paribas	2210   Mini-Futures	AEX	15,607	598
NL0012779557	BNP Paribas	2210   Mini-Futures	AEX	13,919	184
NL0013016850	BNP Paribas	2210   Mini-Futures	AEX	11,717	340
NL0012818447	ING	2100   Warrants	Euro STOXX 50 ETFs	10,093	2,054
NL0012491641	BNP Paribas	2210   Mini-Futures	AEX	8,628	582
NL0012778104	BNP Paribas	2210   Mini-Futures	AEX	8,180	266
NL0013005309	BNP Paribas	2210   Mini-Futures	AEX	7,238	414
NL0012491716	BNP Paribas	2210   Mini-Futures	AEX	6,903	286
NL0013079981	Goldman Sachs	2210   Mini-Futures	DAX 30	6,886	240
NL0012491690	BNP Paribas	2210   Mini-Futures	AEX	6,384	218
NL0013008329	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	5,671	4,902
DE000CJ3NQJ0	Commerzbank	2210   Mini-Futures	Aurora Cannabis	5,633	360
NL0013008451	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	5,579	1,486
NL0013016835	BNP Paribas	2210   Mini-Futures	AEX	5,368	104
NL0013016868	BNP Paribas	2210   Mini-Futures	AEX	5,099	232
NL0012995278	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	5,071	832
NL0011931043	Goldman Sachs	2205   Open-End Knock-Out Warrants	DAX 30	4,966	314
NL0012789259	BNP Paribas	2205   Open-End Knock-Out Warrants	Brent	4,953	408
NL0013126840	Goldman Sachs	2205   Open-End Knock-Out Warrants	DAX 30	4,684	92
NL0012099642	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	4,669	390
NL0012112692	BNP Paribas	2205   Open-End Knock-Out Warrants	Unilever	4,313	208
NL0012778476	BNP Paribas	2205   Open-End Knock-Out Warrants	Unilever	4,303	304
NL0012994958	BNP Paribas	2210   Mini-Futures	AEX	4,142	452
DE000CE6C1S4	Commerzbank	2300   Constant Leverage Certificate	NYMEX LS CRUDE	4,113	88
NL0012049621	Goldman Sachs	2210   Mini-Futures	DAX 30	4,101	332
DE000CX59NBO	Citi	2205   Open-End Knock-Out Warrants	Royal Dutch Shell	3,979	92
NL0013085244	Goldman Sachs	2210   Mini-Futures	DAX 30	3,857	164
DE000CJ3NYT3	Commerzbank	2205   Open-End Knock-Out Warrants	Gold	3,615	330
NL0013087257	Goldman Sachs	2210   Mini-Futures	DAX 30	3,461	214
NL0012100143	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	3,387	140
DE000CD643B9	Commerzbank	2205   Open-End Knock-Out Warrants	AEX	3,357	5,060
DE000CE6EU98	Commerzbank	2205   Open-End Knock-Out Warrants	ASML HOLDING	3,342	1,298
NL0012123095	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	3,304	958
NL0012781884	BNP Paribas	2210   Mini-Futures	AEX	3,260	216
DE000VA6D7P4	Vontobel	2205   Open-End Knock-Out Warrants	AEX	3,245	844
NL0013006810	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	3,239	508
NL0012995013	BNP Paribas	2210   Mini-Futures	AEX	3,174	148
NL0013005291	BNP Paribas	2210   Mini-Futures	AEX	3,146	670
NL0012915508	Goldman Sachs	2210   Mini-Futures	EUR/USD	3,131	386
NL0012436950	Goldman Sachs	2210   Mini-Futures	AEX	3,113	296
NL0012991087	BNP Paribas	2210   Mini-Futures	Gold	3,055	320
NL0011742853	Goldman Sachs	2210   Mini-Futures	Tomtom	2,938	8
NL0013015118	BNP Paribas	2210   Mini-Futures	AEX	2,866	162
DE000CE6CGN4	Commerzbank	2205   Open-End Knock-Out Warrants	AEX	2,854	3,662
NL0011853122	ING	2205   Open-End Knock-Out Warrants	Euro STOXX 50	2,807	86
NL0012990543	BNP Paribas	2210   Mini-Futures	Silver	2,805	36
NL0012779268	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2,800	768
NL0012778377	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2,781	484
DE000CP06NG6	Citi	2205   Open-End Knock-Out Warrants	AEX	2,751	416

(Source Euronext)





Euronext Brussels

# ISSUERS

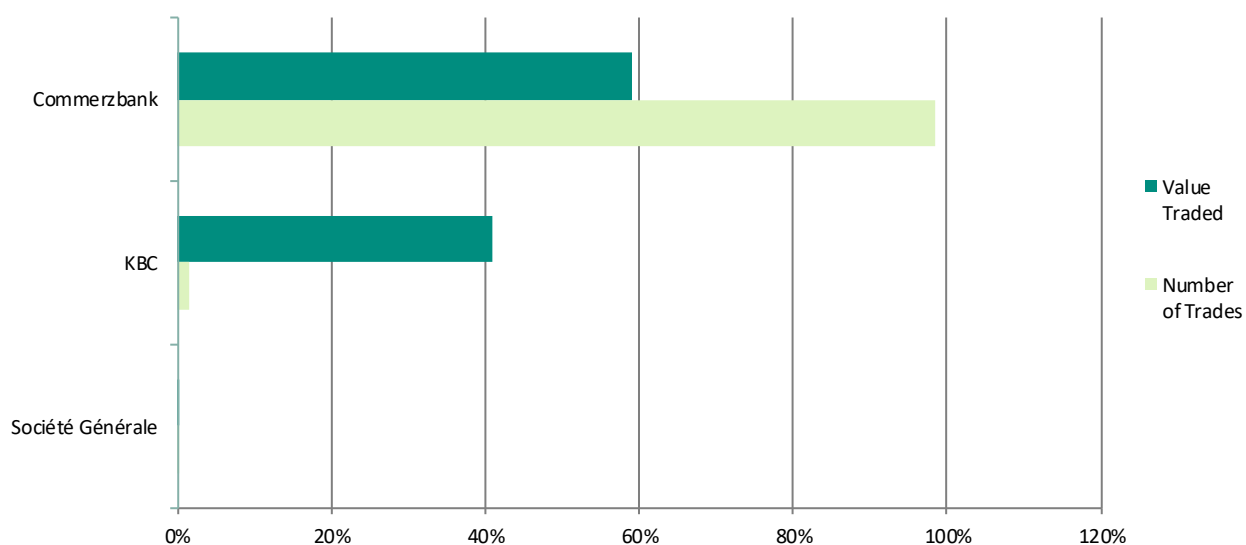
## Market Overview

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	694	2.9%	48%	58.9%	267	9.1%	11.6%	98.6%
KBC	482	NA	872%	40.9%	3.9	759.9%	284.0%	1.4%
Société Générale	1	37%	-30%	0.1%	0.0	-85.5%	-85.4%	0.0%
Total	1,177	72.4%	126.1%	100%	271	10.4%	12.6%	100%

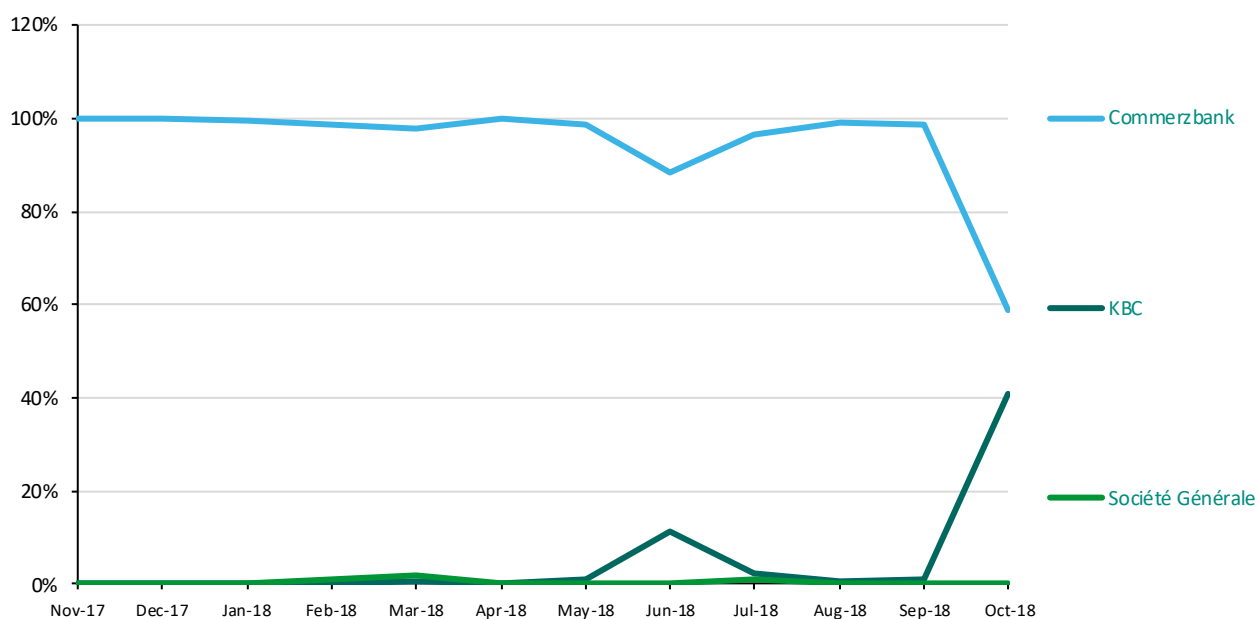
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# ISSUERS

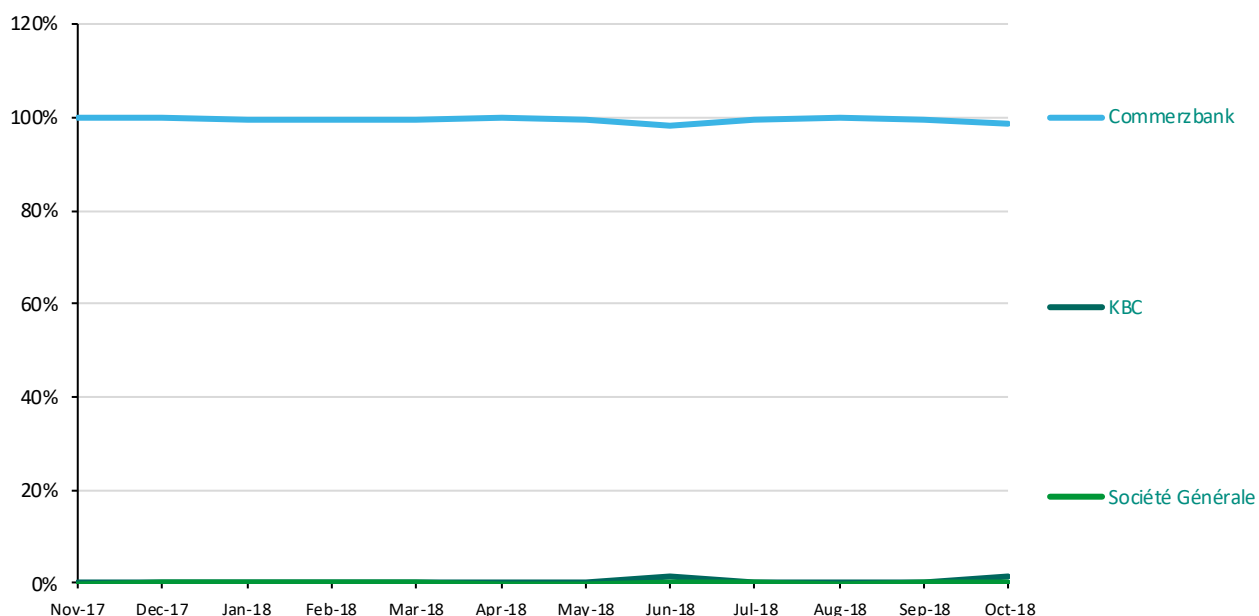
## Market Trend: Value traded

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

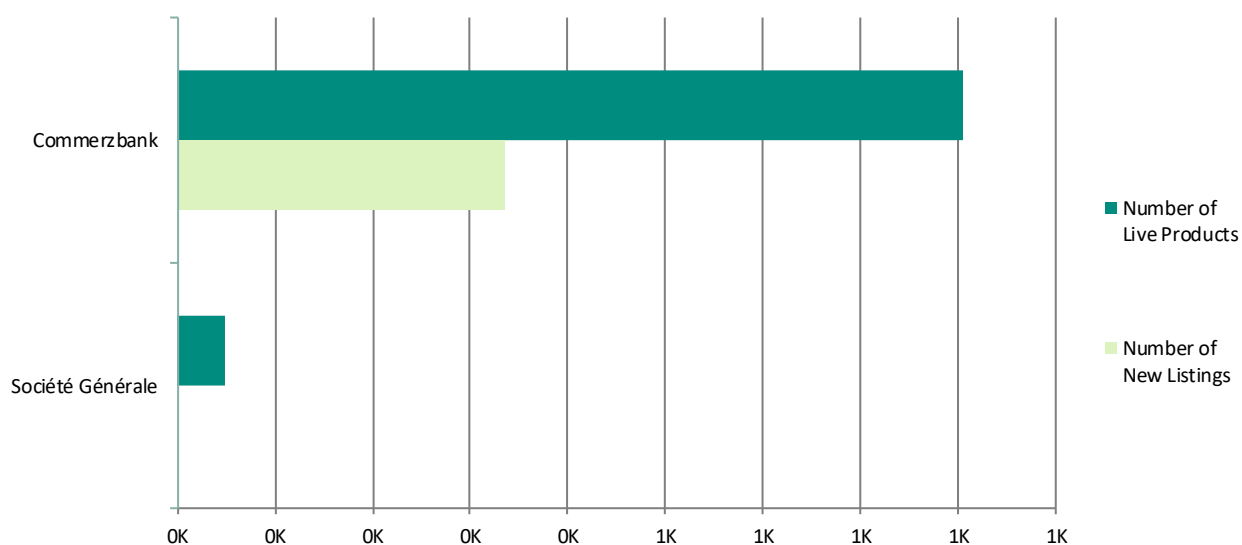
## Product Overview

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	804	-1.8%	-3.5%	91.7%	335	68%	58%	99.1%
Société Générale	49	-1.1%	-6.3%	5.5%	0			0.0%
KBC	24	8.5%	76%	2.7%	3	50%	-2.7%	0.9%
Total	877	-1.5%	-2.5%	100%	338	68.2%	56.8%	100%

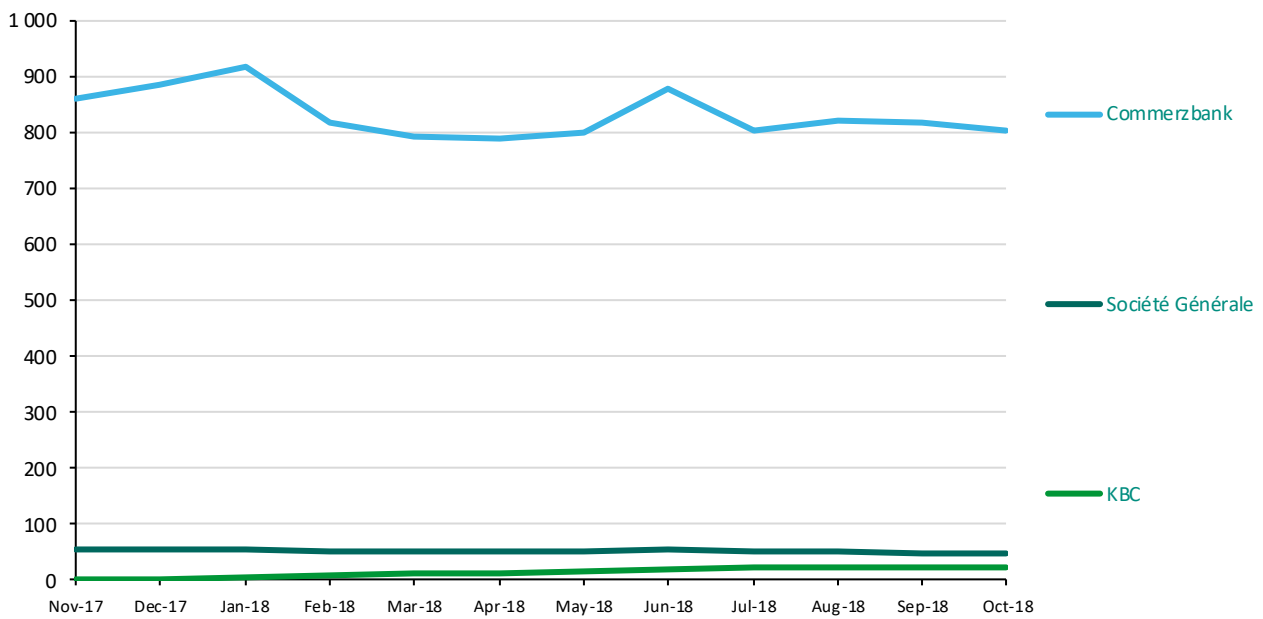
(Source Euronext)



# ISSUERS

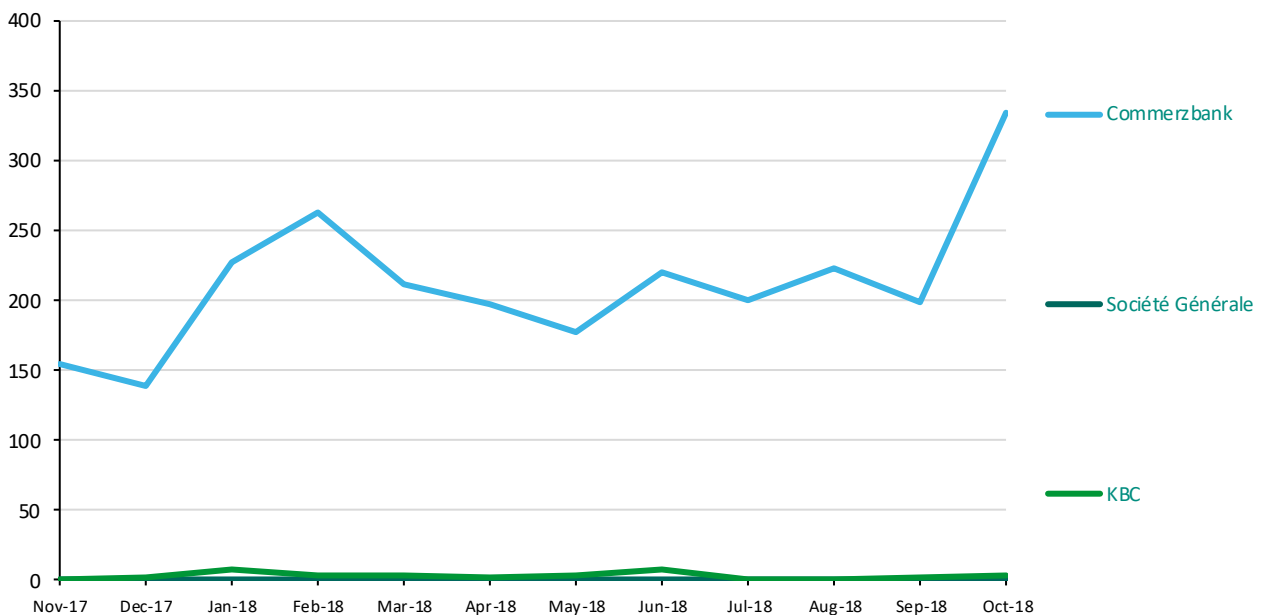
## Product Trend: Number of Live Products

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)

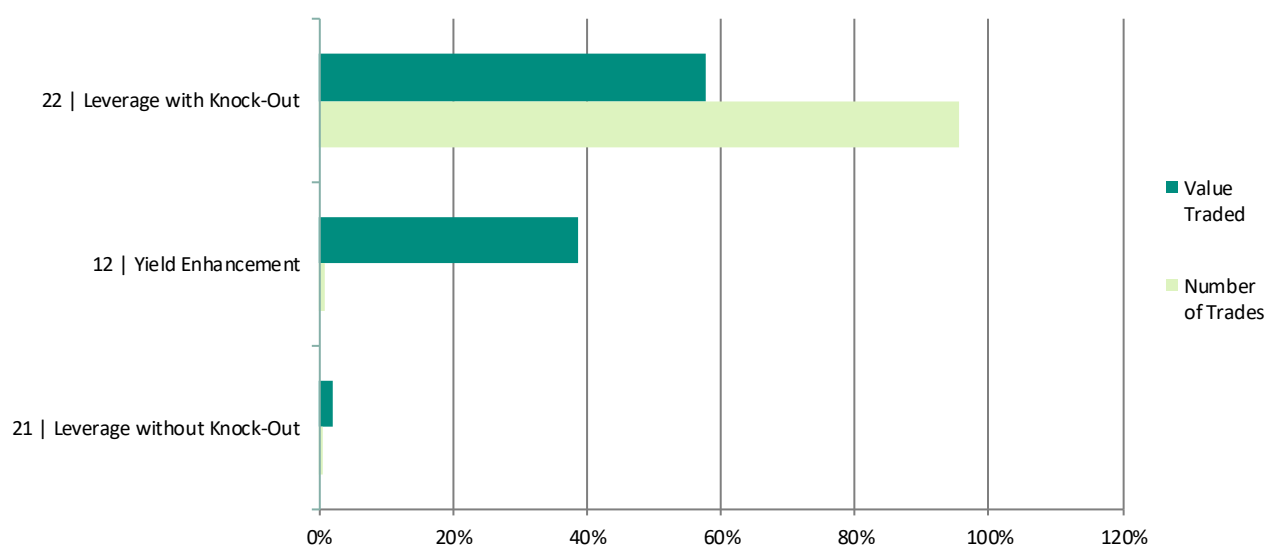
## Market Overview

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	678	7.1%	48%	57.6%	259	8.1%	10.8%	95.5%
12   Yield Enhancement	456		NA	38.8%	2.2		NA	0.8%
21   Leverage without Knock-Out	25	233%	180%	2.2%	1.7	277%	108%	0.6%
<b>Total</b>	<b>1,177</b>	<b>72.4%</b>	<b>126.1%</b>	<b>100%</b>	<b>271</b>	<b>10.4%</b>	<b>12.6%</b>	<b>100%</b>

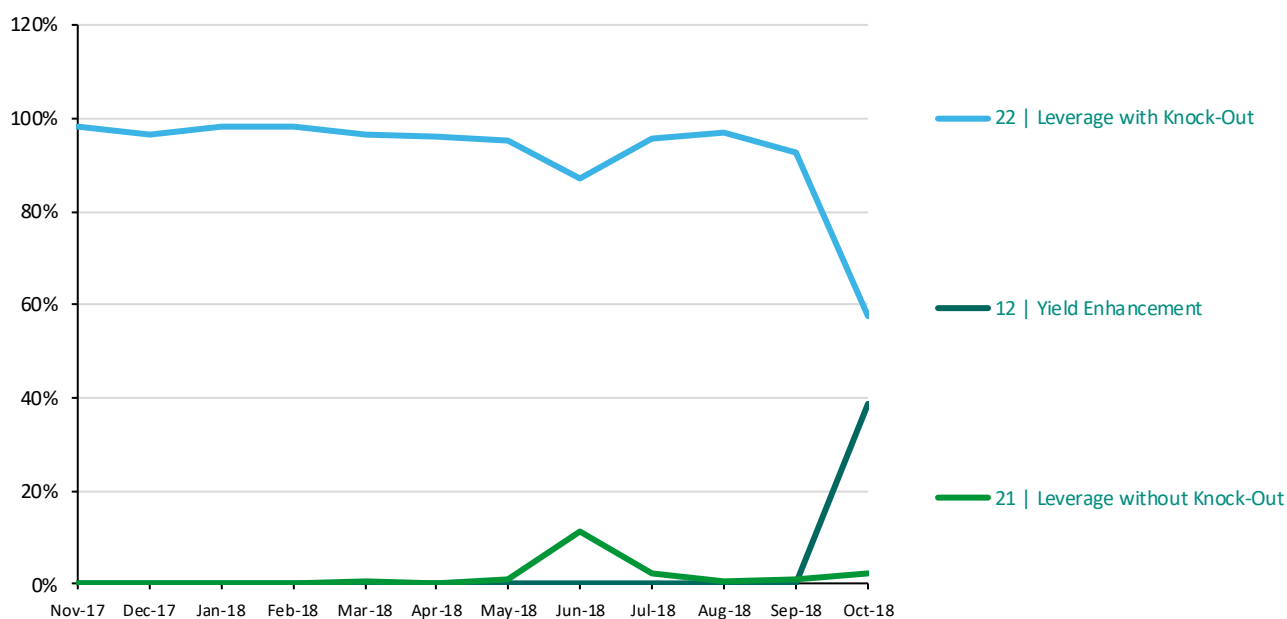
(Source Euronext)



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

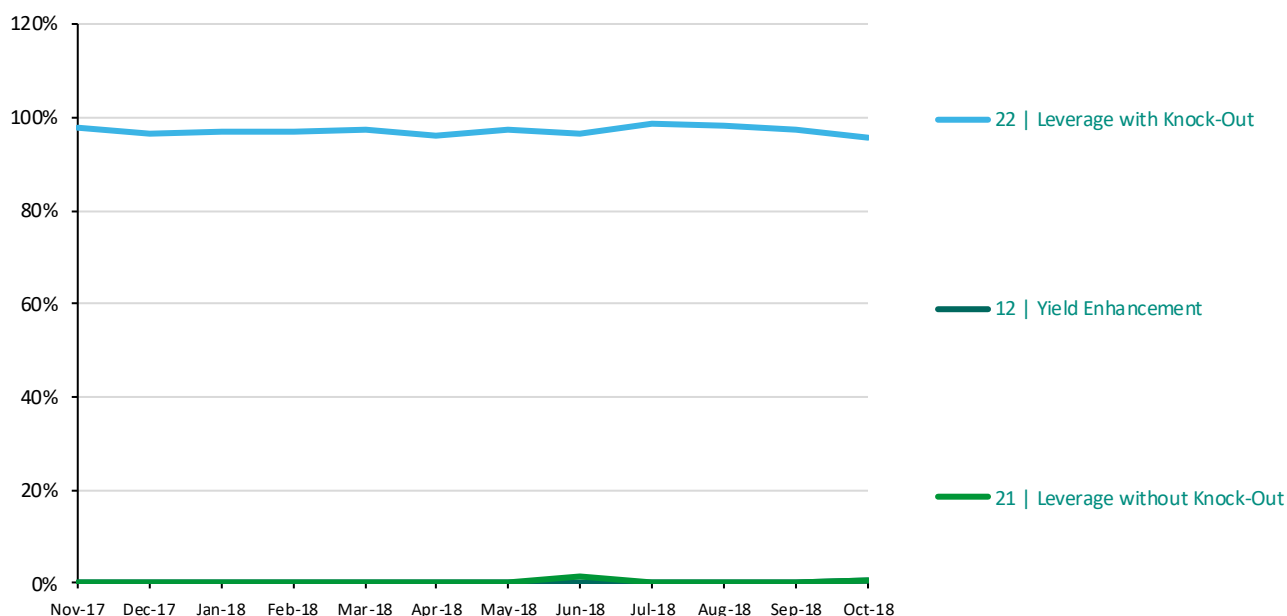
## Market Trend: Value traded

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)

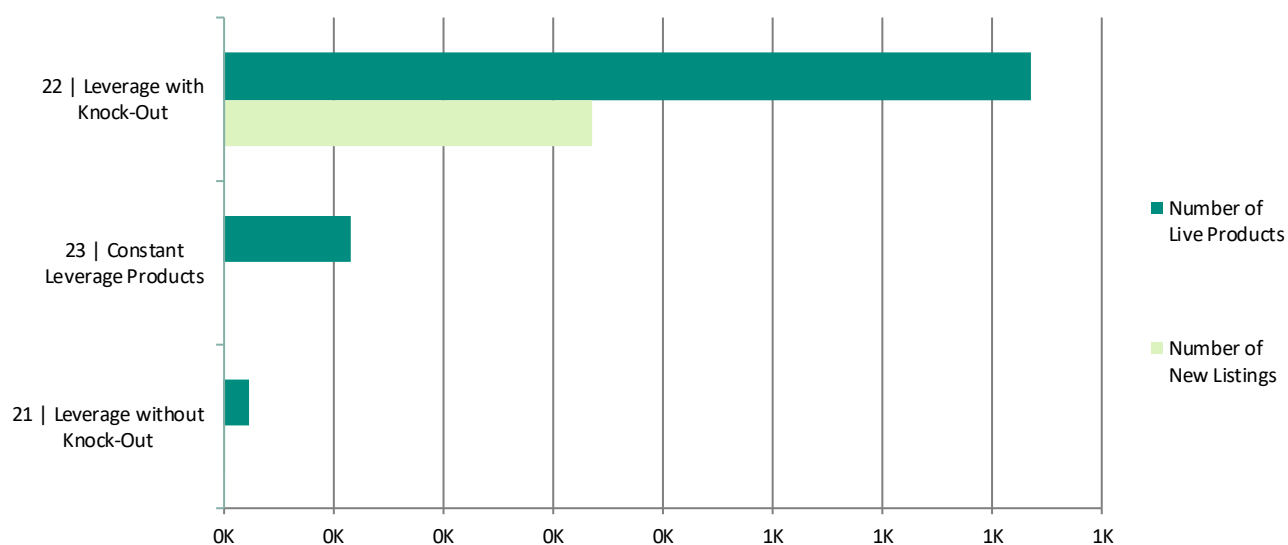
### Product Overview

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	736	-1.9%	-4.2%	84.0%	335	68%	58%	99.1%
23   Constant Leverage Products	116	-1.1%	-0.4%	13.2%	0		-100%	0.0%
21   Leverage without Knock-Out	24	3.2%	63%	2.7%	2	100%	-31%	0.6%
<b>Total</b>	<b>877</b>	<b>-1.5%</b>	<b>-2.5%</b>	<b>100%</b>	<b>338</b>	<b>68.2%</b>	<b>56.8%</b>	<b>100%</b>

(Source Euronext)

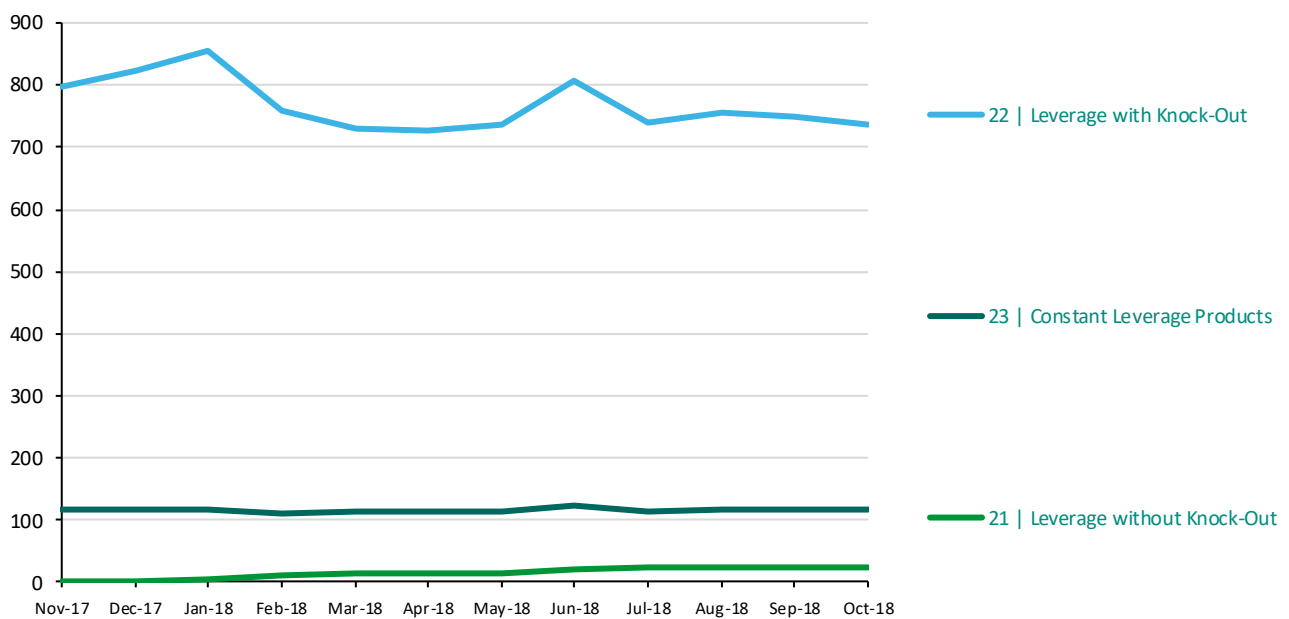




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

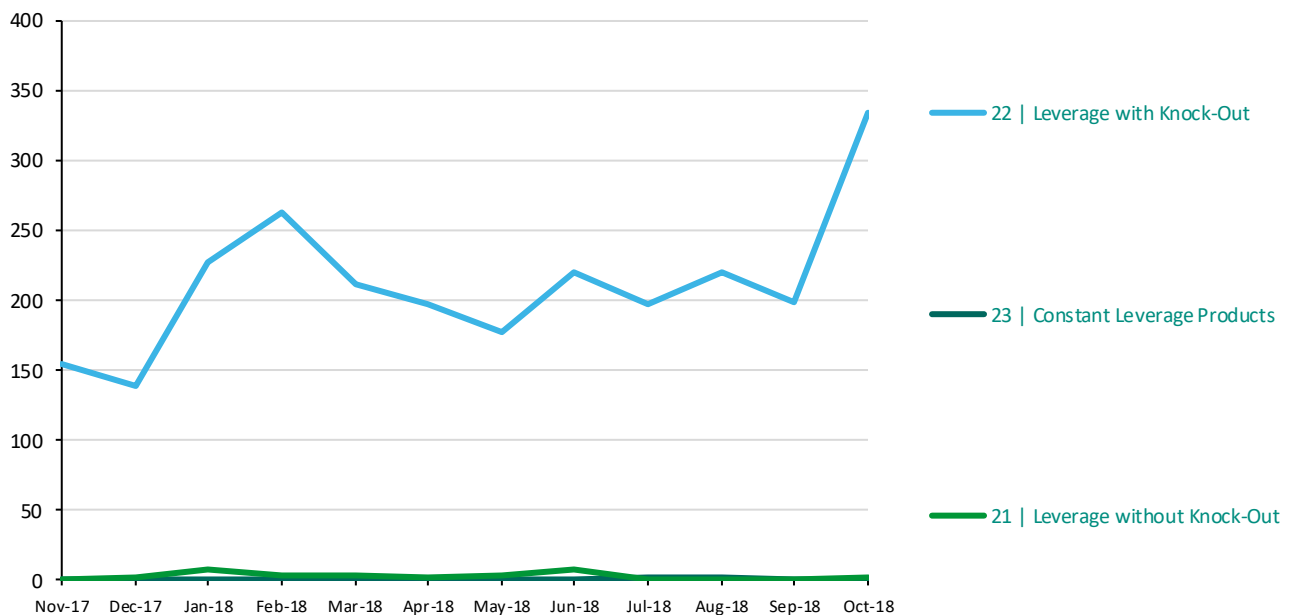
## Product Trend: Number of Live Products

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

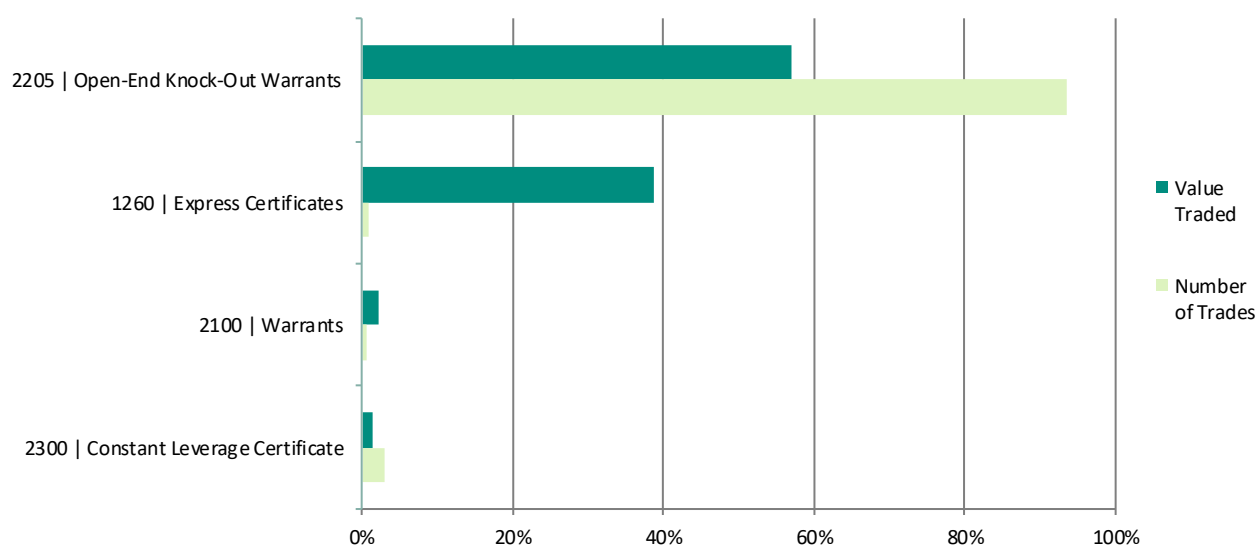
## Market Overview

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	670	6.7%	49%	57.0%	254	7.2%	11.1%	93.5%
1260   Express Certificates	456		NA	38.8%	2.2		NA	0.8%
2100   Warrants	25	233%	180%	2.2%	1.7	277%	108%	0.6%
2300   Constant Leverage Certificate	17	-59%	30%	1.4%	8.3	49%	38%	3.0%
<b>Total</b>	<b>1,177</b>	<b>72.4%</b>	<b>126.1%</b>	<b>100%</b>	<b>271</b>	<b>10.4%</b>	<b>12.6%</b>	<b>100%</b>

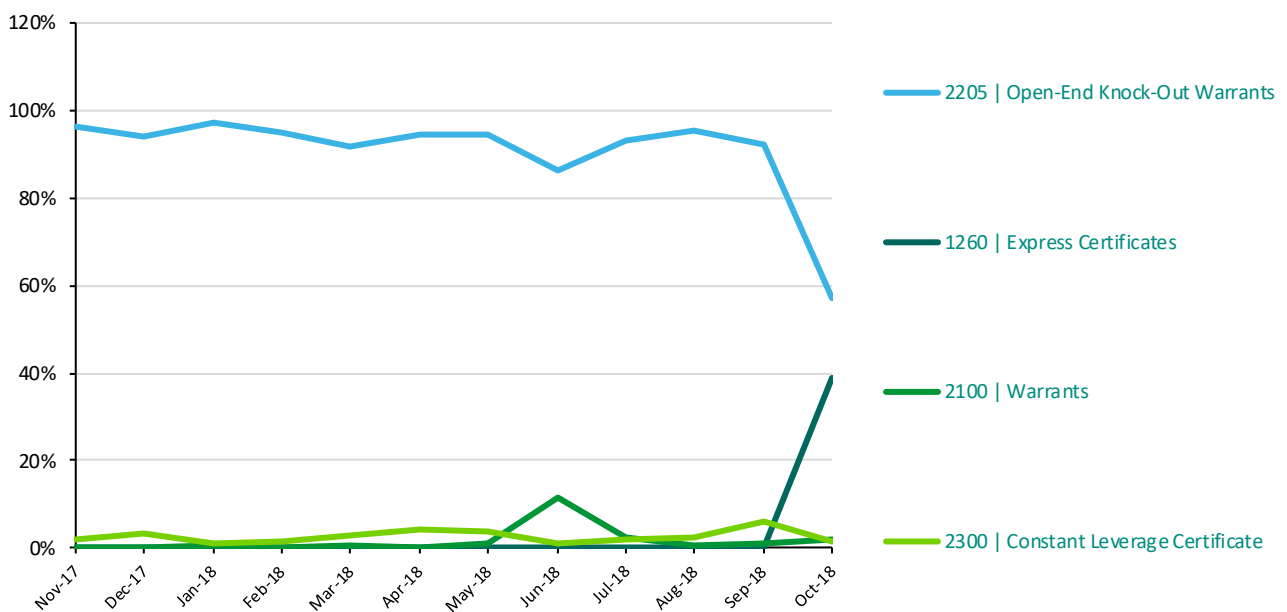
(Source Euronext)



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

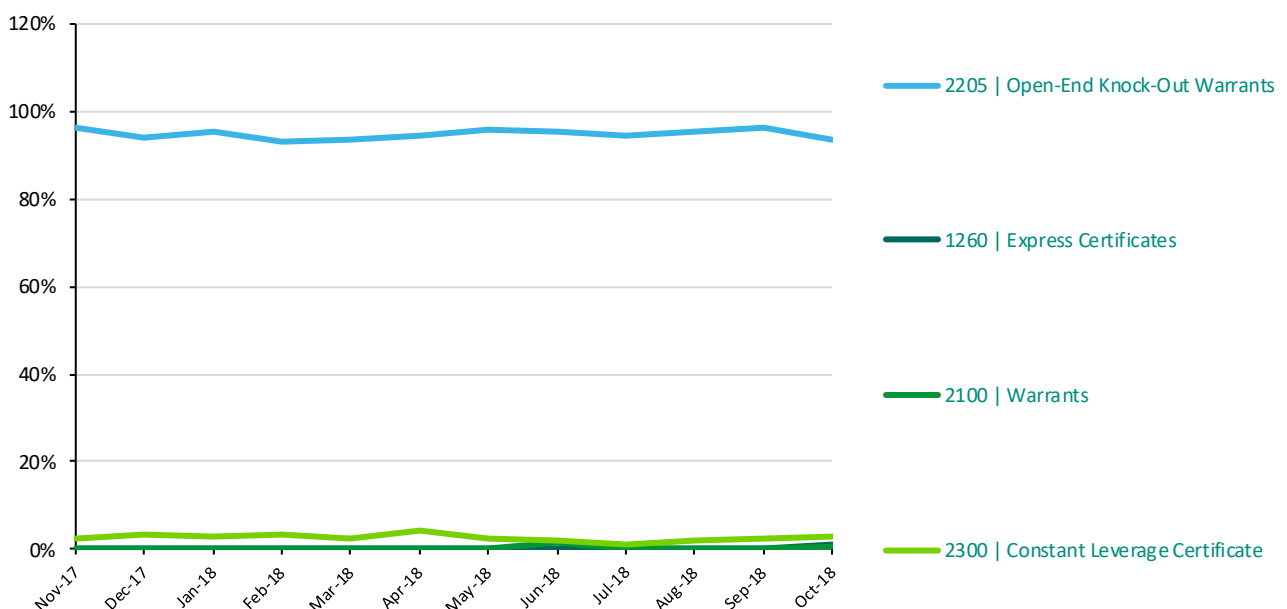
## Market Trend: Value traded

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)

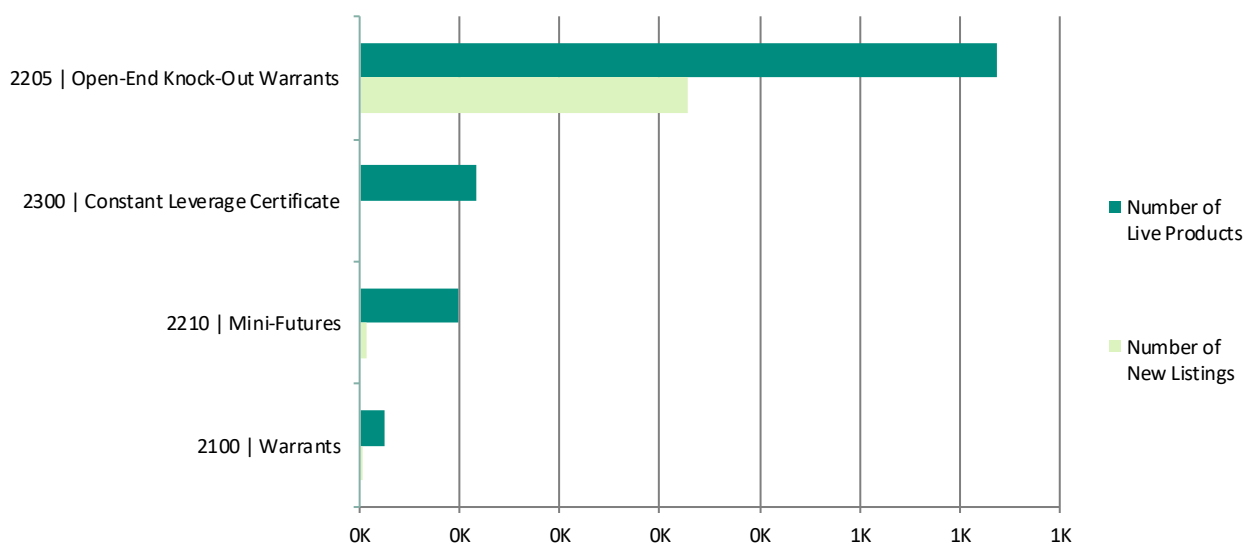
## Product Overview

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	638	-1.5%	-2.7%	72.7%	329	76%	58%	97.3%
2300   Constant Leverage Certificate	116	-1.1%	-0.4%	13.2%	0		-100%	0.0%
2210   Mini-Futures	99	-4.1%	-12.9%	11.3%	6	-50%	44%	1.8%
2100   Warrants	24	3.2%	63%	2.7%	2	100%	-31%	0.6%
<b>Total</b>	<b>877</b>	<b>-1.5%</b>	<b>-2.5%</b>	<b>100%</b>	<b>338</b>	<b>68.2%</b>	<b>56.8%</b>	<b>100%</b>

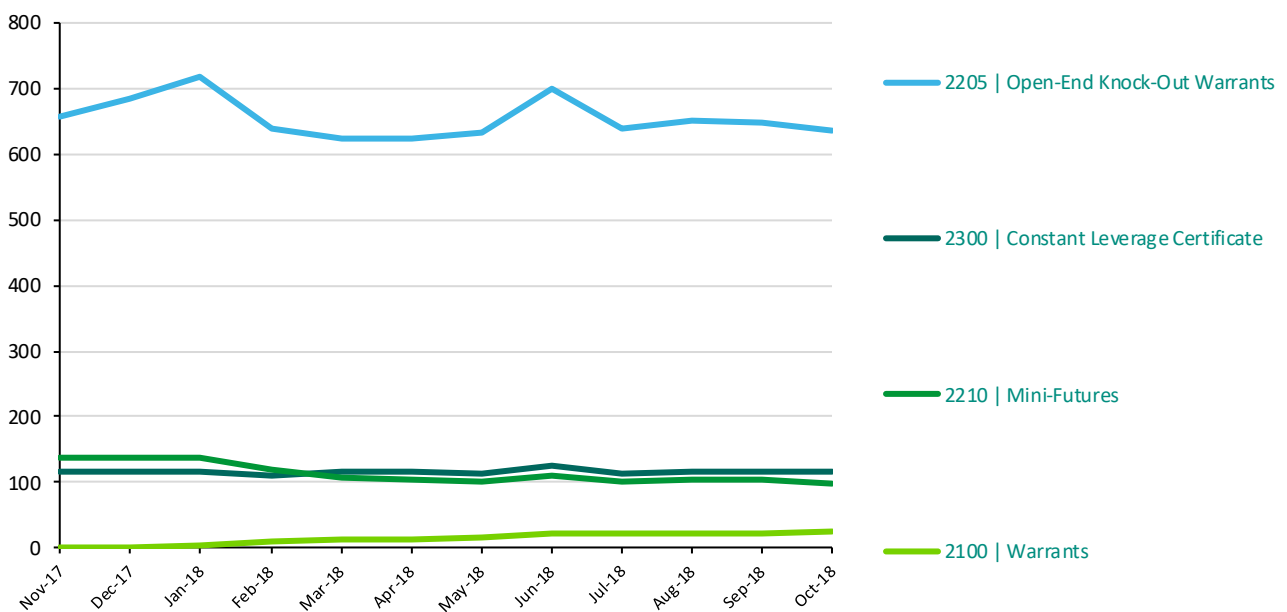
(Source Euronext)



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

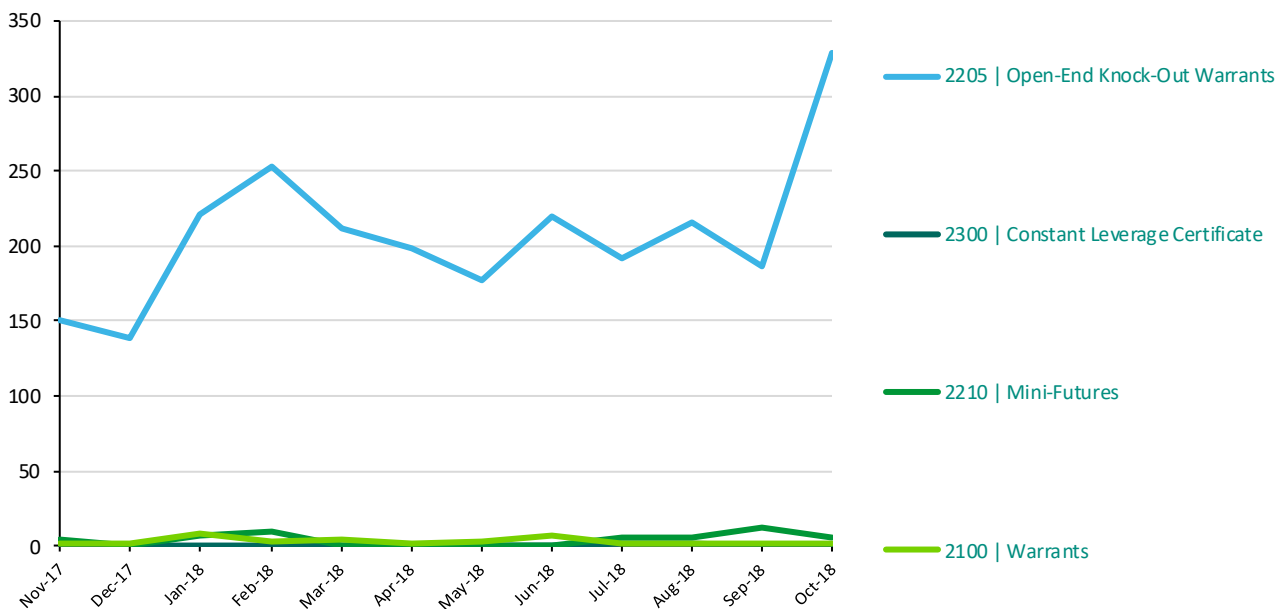
## Product Trend: Number of Live Products

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

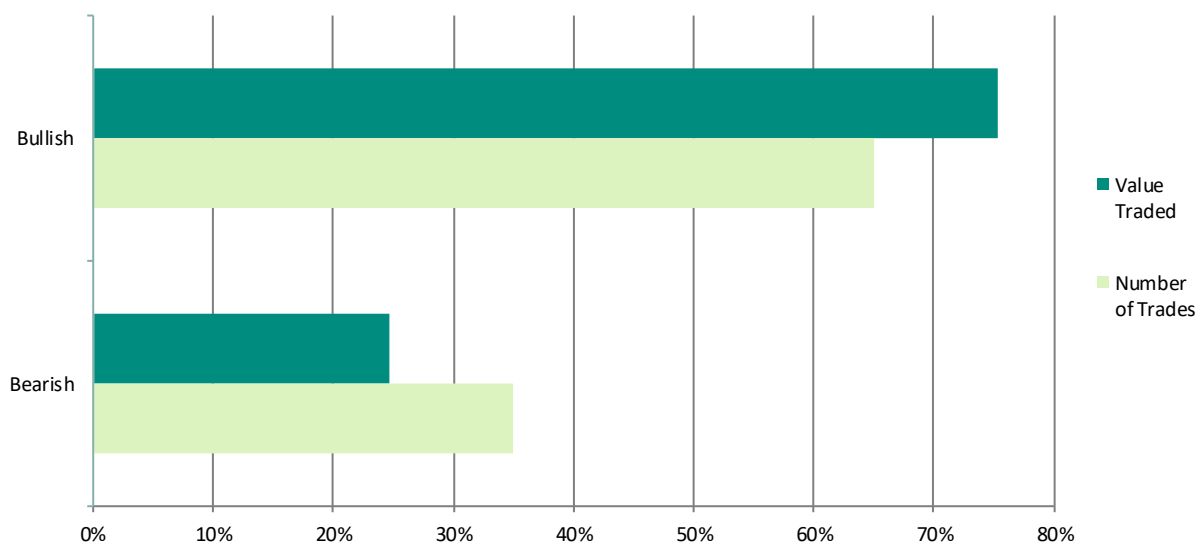
## Market Overview

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	887	68%	132%	75.4%	176	1.0%	4.9%	65.0%
Bearish	290	87%	110%	24.6%	95	33%	31%	35.0%
Total	1,177	72.4%	126.1%	100%	271	10.4%	12.6%	100%

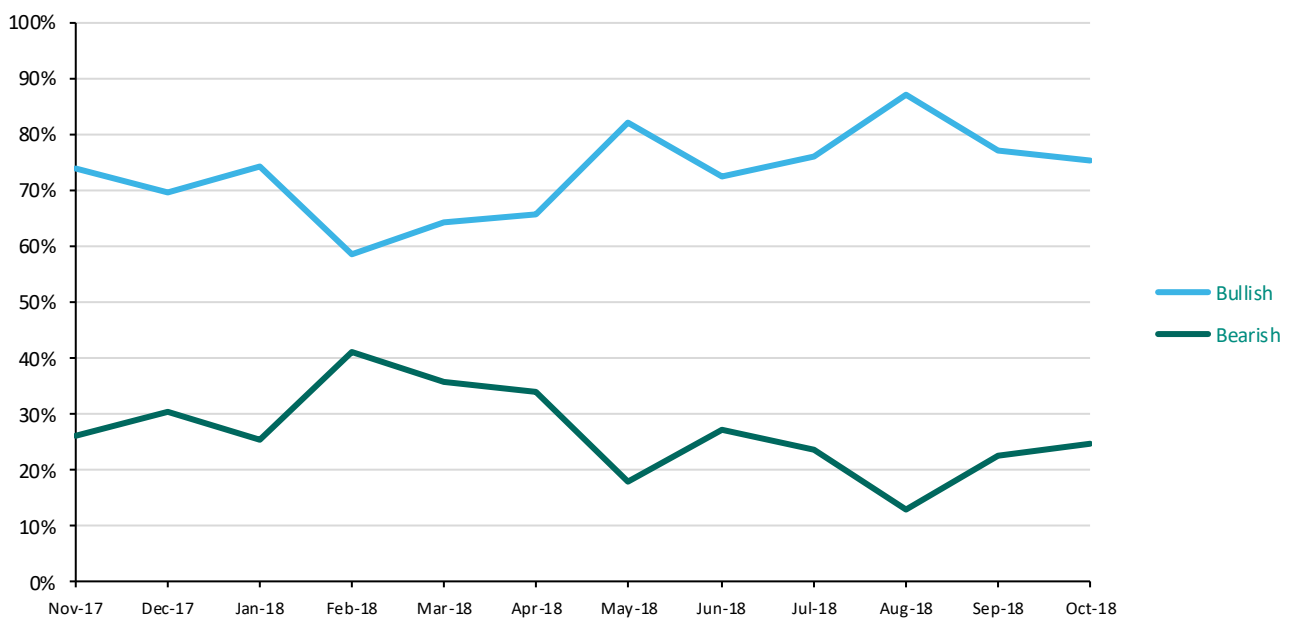
(Source Euronext)



# PRODUCT STRATEGIES

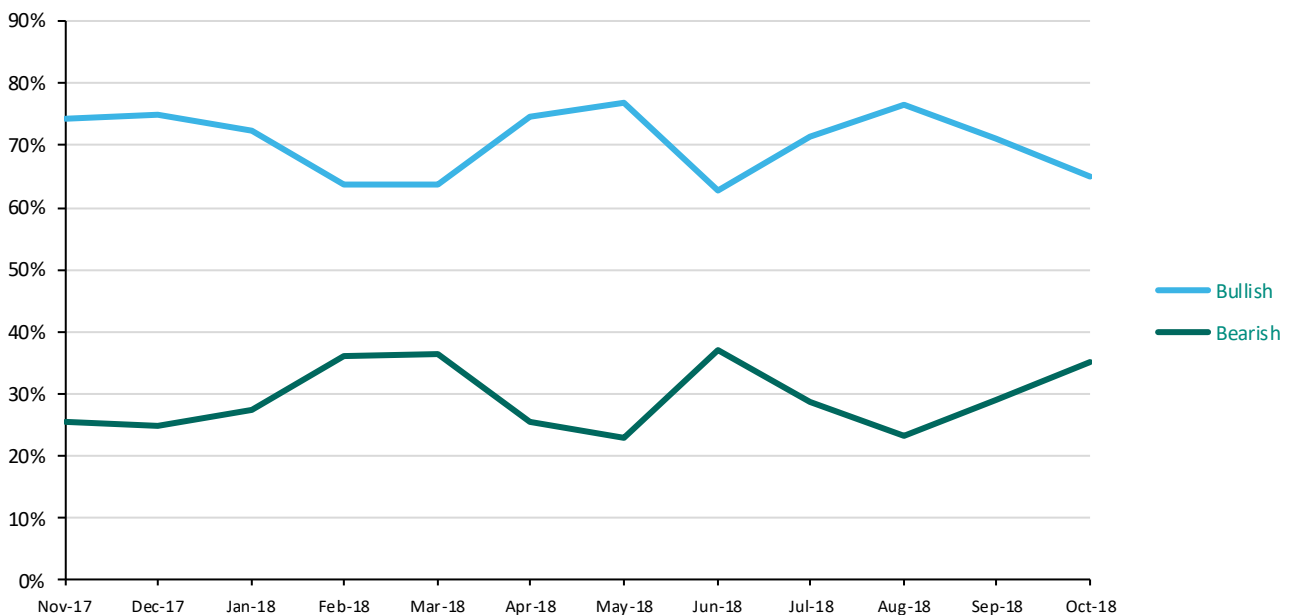
## Market Trend: Value traded

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

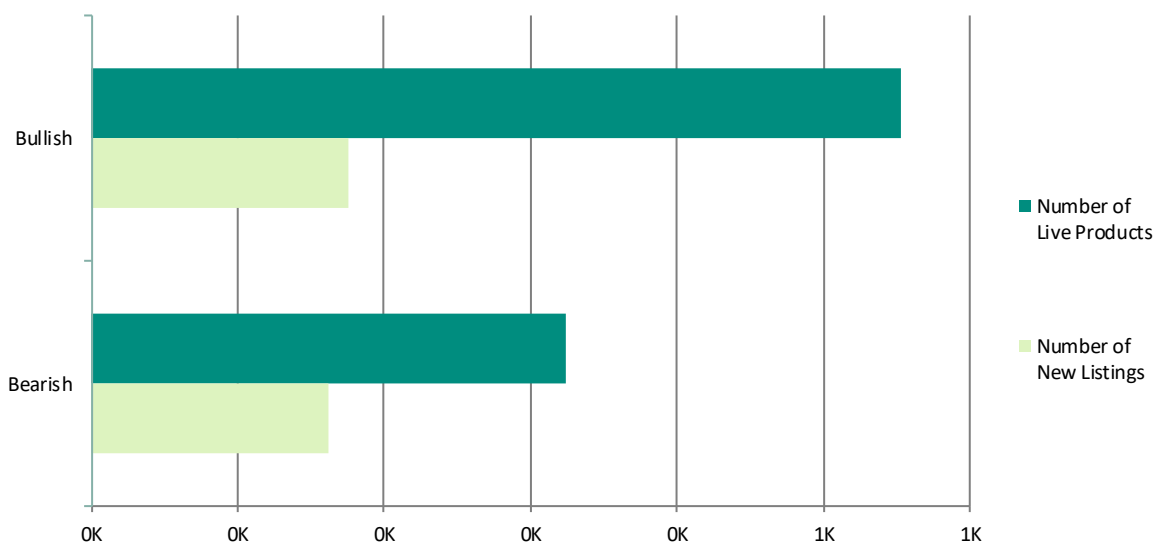
## Product Overview

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	553	-7.3%	-12.4%	63.1%	176	61%	47%	52.1%
Bearish	324	10.3%	21%	36.9%	162	76%	69%	47.9%
Total	877	-1.5%	-2.5%	100%	338	68.2%	56.8%	100%

(Source Euronext)

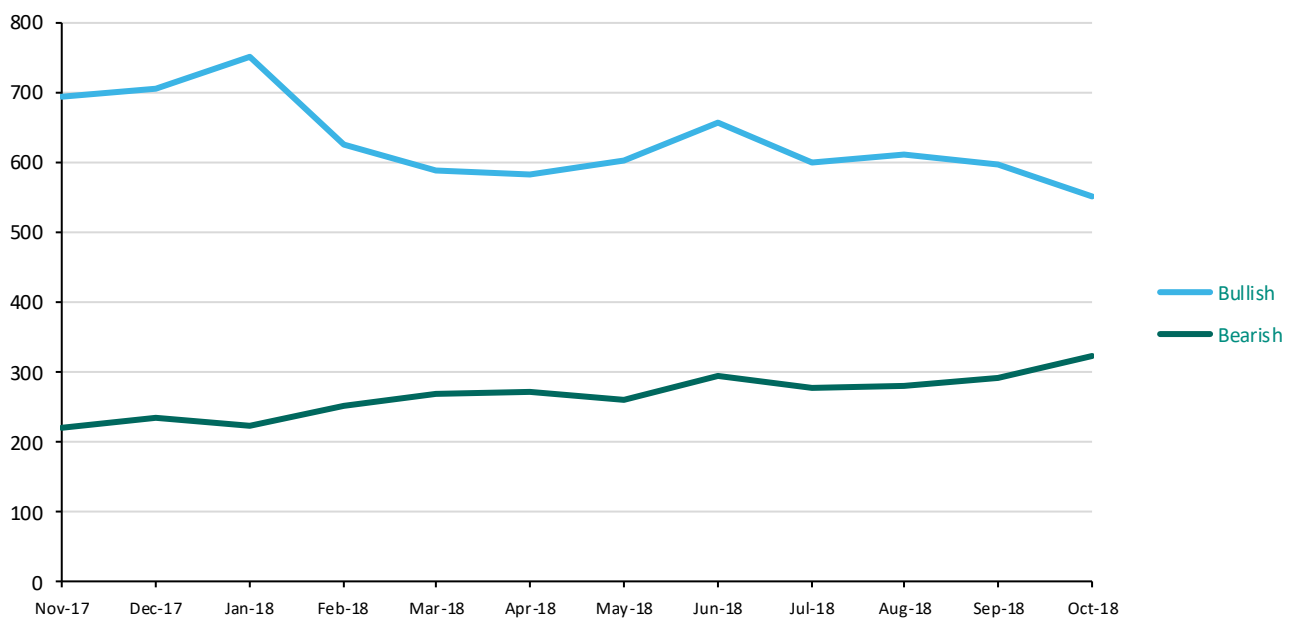




# PRODUCT STRATEGIES

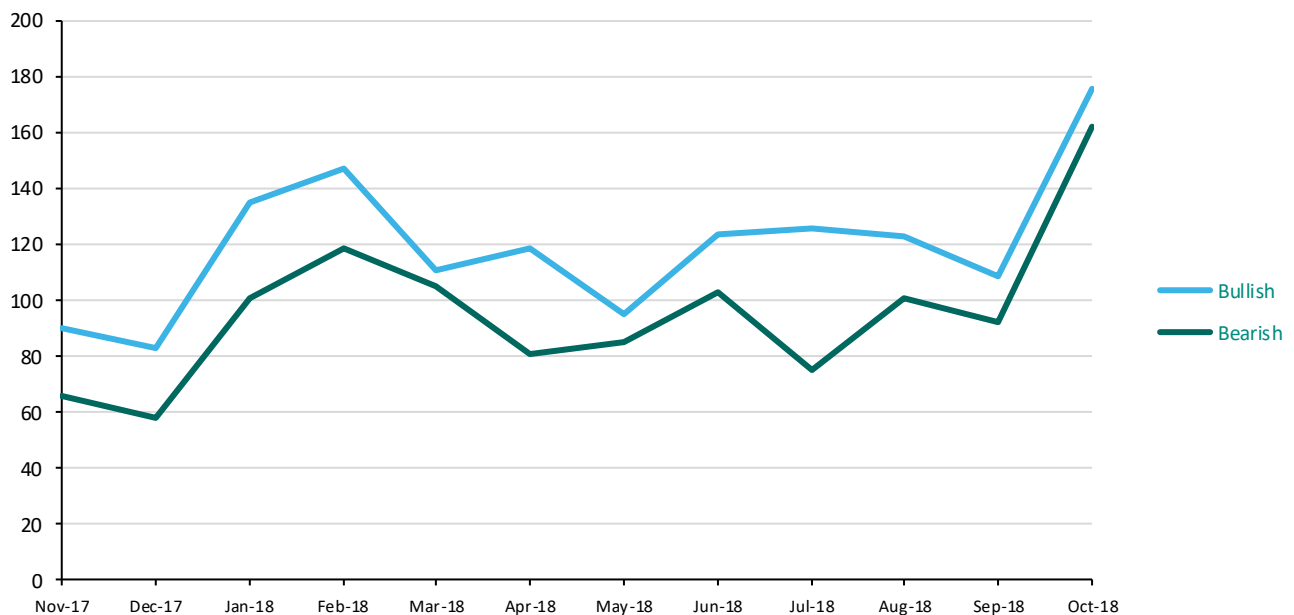
## Product Trend: Number of Live Products

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

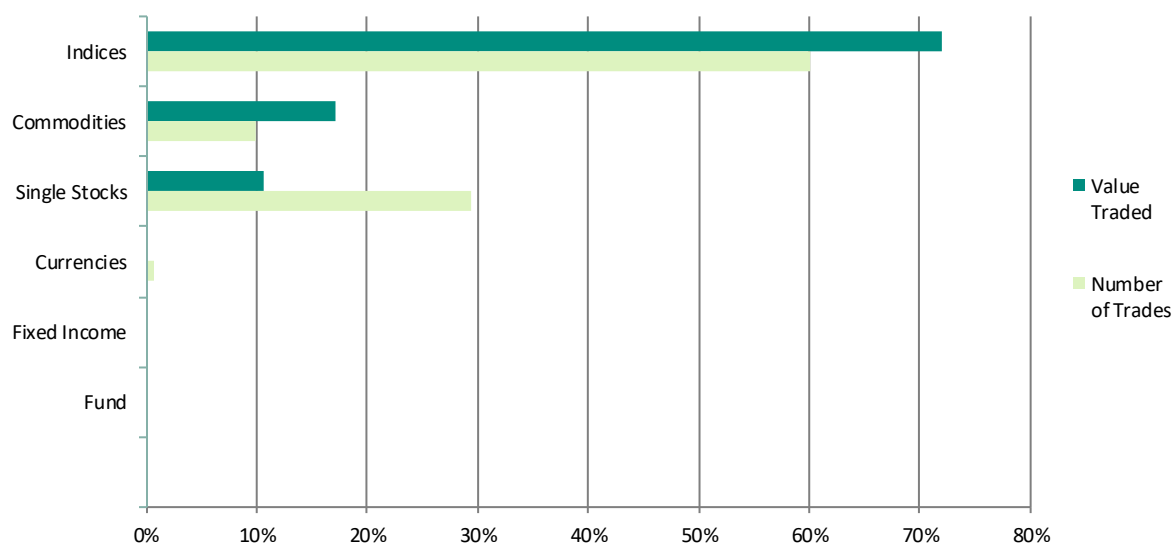
## Market Overview

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	848	94%	167%	72.1%	163	11.4%	26%	60.2%
Commodities	201	50%	364%	17.1%	27	-7.5%	135%	9.9%
Single Stocks	125	12.6%	-18.5%	10.6%	79	16.4%	-16.9%	29.3%
Currencies	2	153%	-60%	0.2%	1.7	-13.0%	-59%	0.6%
Fixed Income	0		-90%	0.0%	0.0		-41%	0.0%
Fund	0			0.0%	0.0			0.0%
	0			0.0%	0.0			0.0%
<b>Total</b>	<b>1,177</b>	<b>72.4%</b>	<b>126.1%</b>	<b>100%</b>	<b>271</b>	<b>10.4%</b>	<b>12.6%</b>	<b>100%</b>

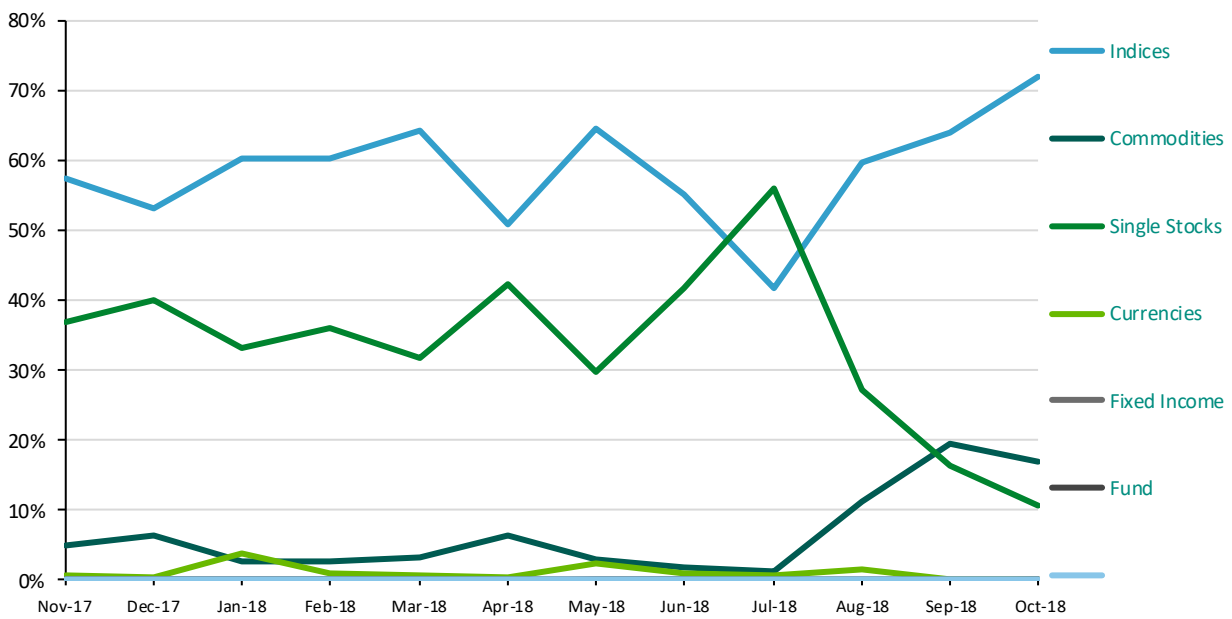
(Source Euronext)



# UNDERLYING TYPES

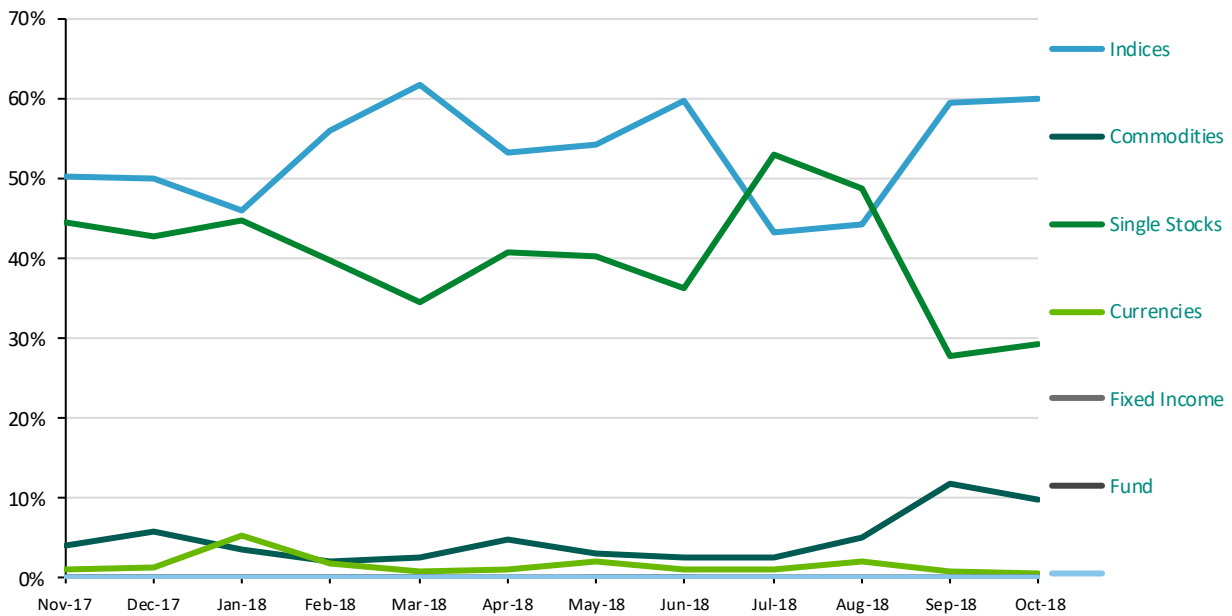
## Market Trend: Value traded

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

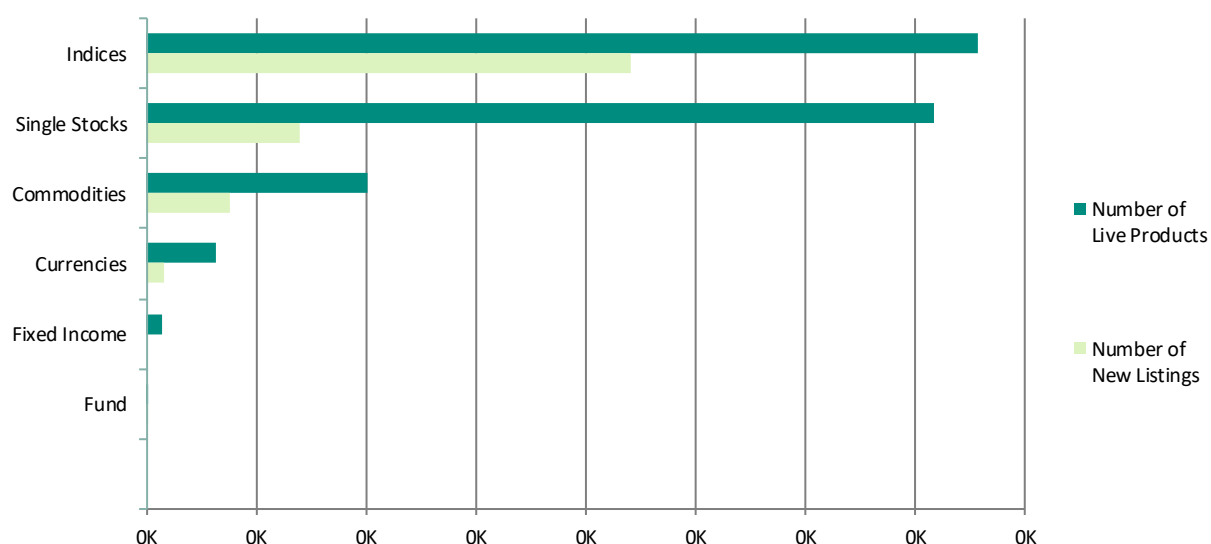
### Product Overview

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	379	-2.8%	-5.4%	43.2%	221	71%	49%	65.4%
Single Stocks	359	-1.2%	-2.4%	40.9%	70	89%	90%	20.7%
Commodities	101	2.4%	10.3%	11.5%	38	27%	62%	11.2%
Currencies	31	-0.3%	-0.7%	3.6%	8	100%	35%	2.4%
Fixed Income	7	0.0%	-0.4%	0.8%	0			0.0%
Fund	0	-13.0%	458%	0.0%	1	0.0%	0.0%	0.3%
	0			0.0%	0			0.0%
<b>Total</b>	<b>877</b>	<b>-1.5%</b>	<b>-2.5%</b>	<b>100%</b>	<b>338</b>	<b>68.2%</b>	<b>56.8%</b>	<b>100%</b>

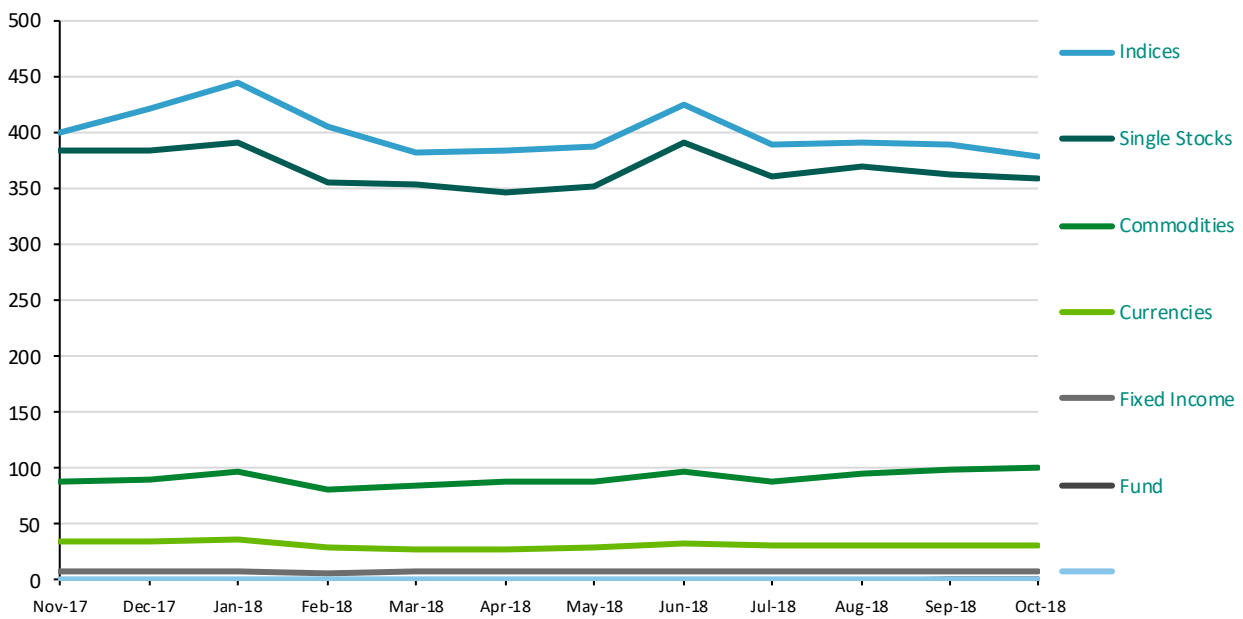
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# UNDERLYING TYPES

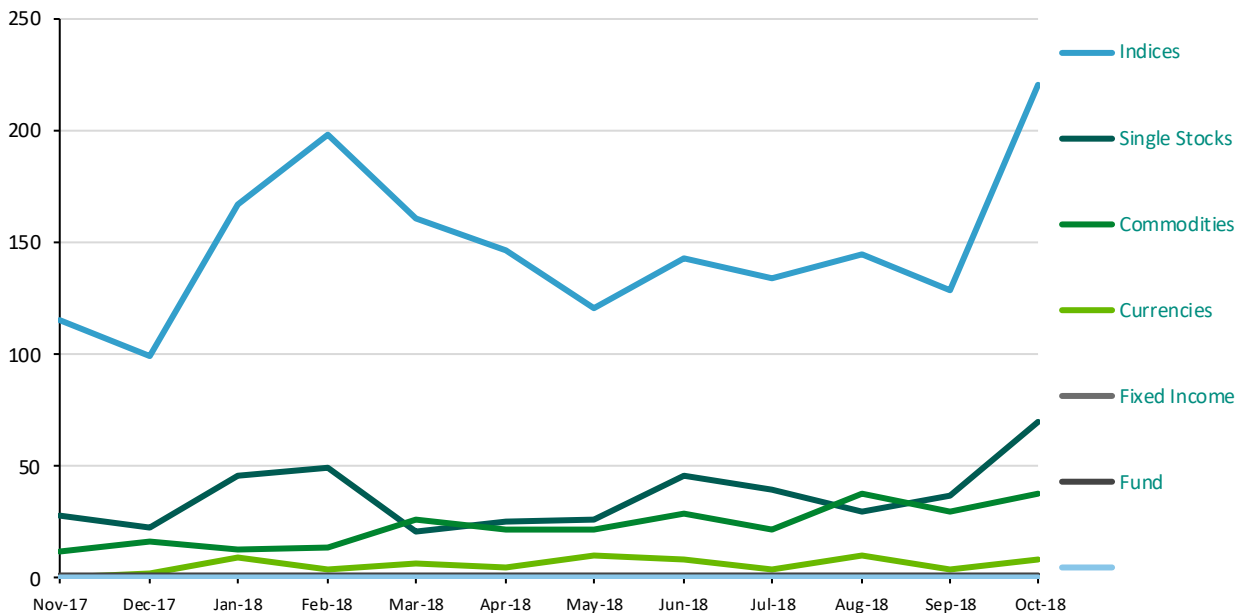
## Product Trend: Number of Live Products

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

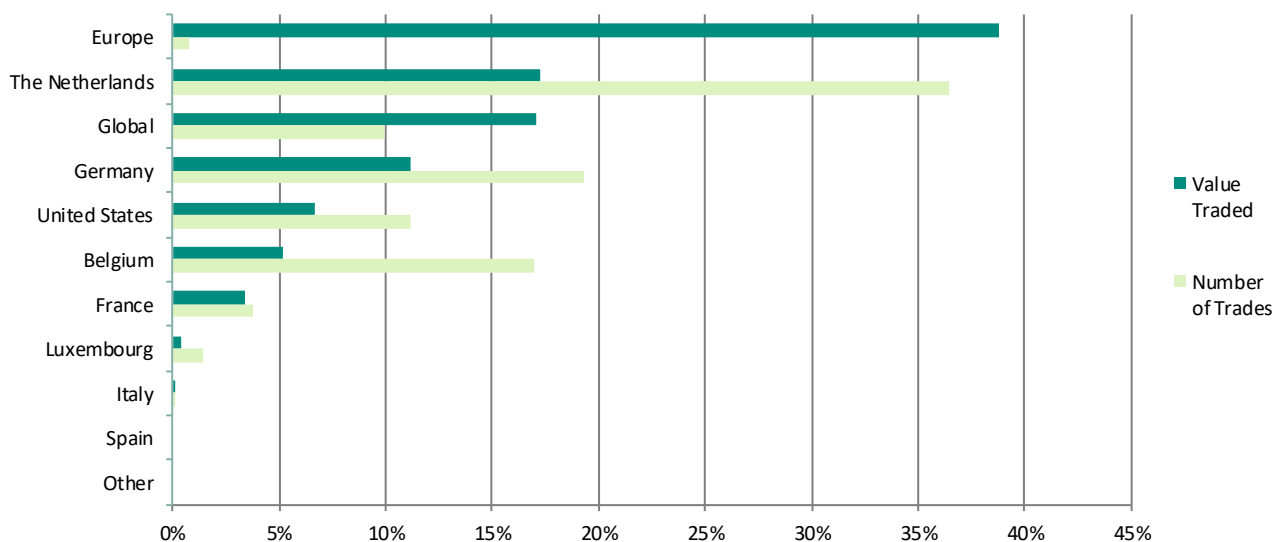
## Market Overview

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
Europe	456		NA	38.8%	2.2		780%	0.8%
The Netherlands	204	26%	72%	17.3%	99	19.6%	35%	36.5%
Global	201	50%	363%	17.1%	27	-7.1%	134%	10.0%
Germany	132	-53%	-5.7%	11.2%	52	-26%	-7.4%	19.3%
United States	78	318%	107%	6.6%	30	83%	47%	11.1%
Belgium	60	-8.9%	-47%	5.1%	46	13.7%	-33%	17.0%
France	40	107%	96%	3.4%	10	82%	54%	3.8%
Luxembourg	5	219%	-33%	0.4%	3.9	360%	33%	1.4%
Italy	1	NA	982%	0.1%	0.2	335%	302%	0.1%
Spain	0			0.0%	0.0			0.0%
Other	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>1,177</b>	<b>72.4%</b>	<b>126.1%</b>	<b>100%</b>	<b>271</b>	<b>10.4%</b>	<b>12.6%</b>	<b>100%</b>

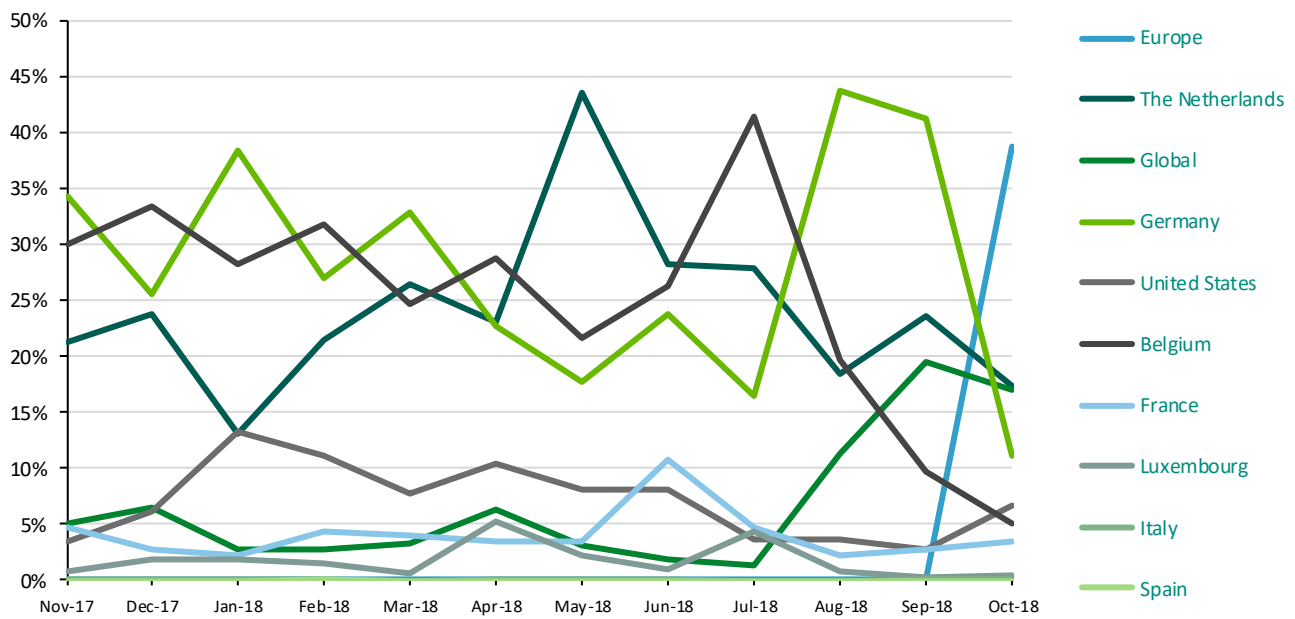
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

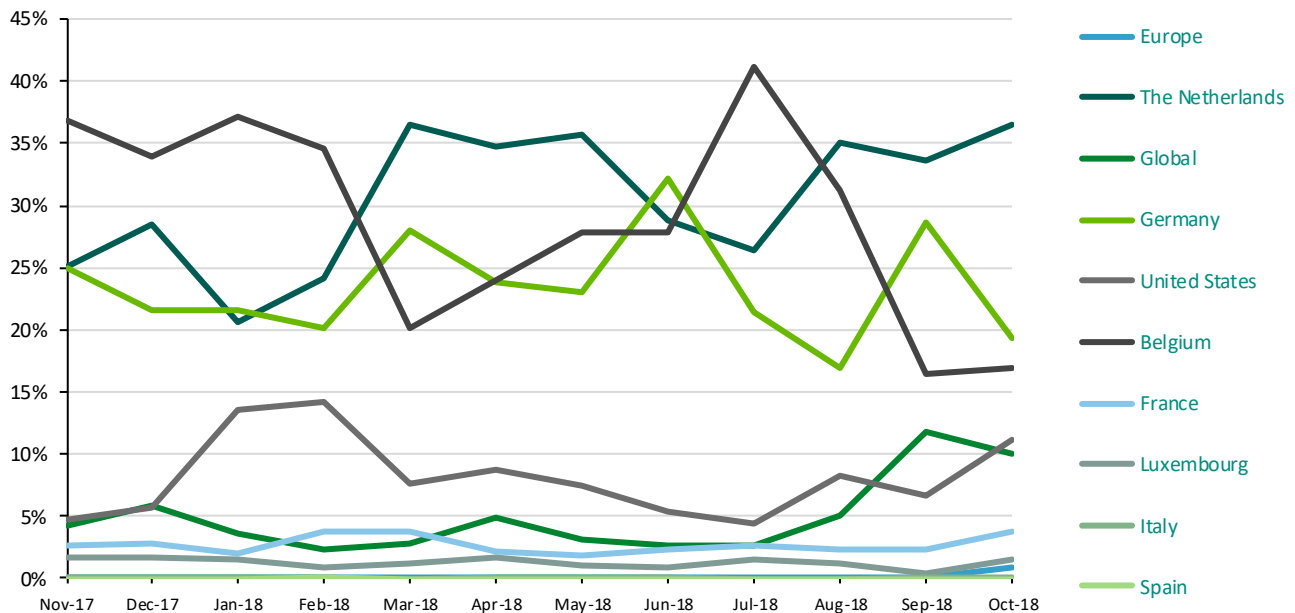
## Market Trend: Value traded

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

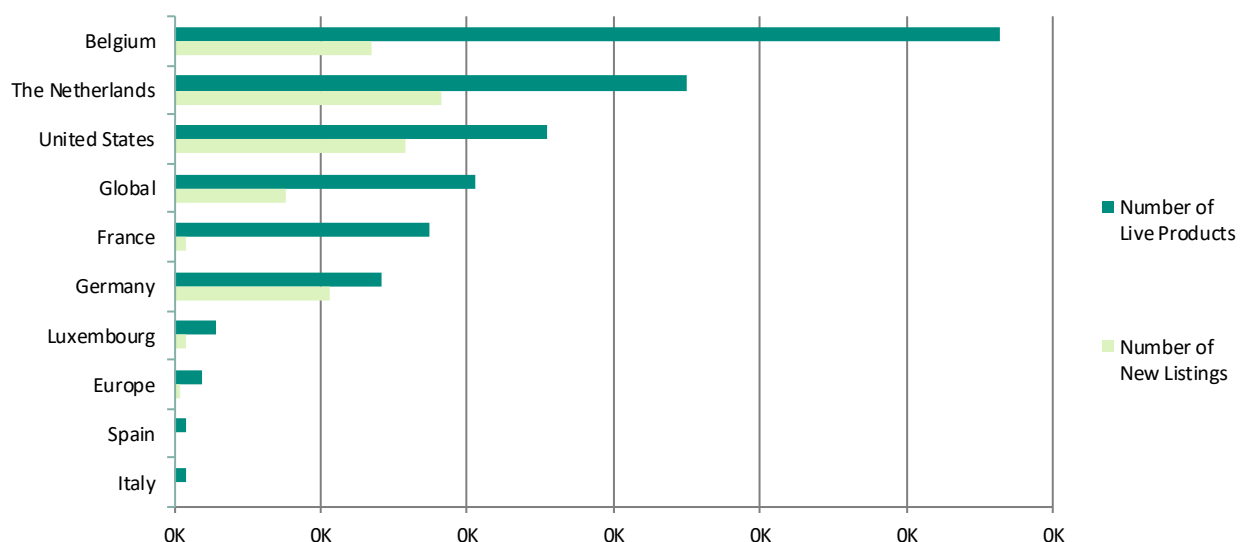
## Product Overview

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	282	-2.2%	-4.4%	32.2%	67	91%	91%	19.8%
The Netherlands	175	-1.4%	-3.9%	20.0%	91	42%	40%	26.9%
United States	127	-3.5%	2.4%	14.5%	79	204%	79%	23.4%
Global	103	2.4%	10.1%	11.7%	38	27%	62%	11.2%
France	87	2.4%	3.9%	9.9%	4	33%	55%	1.2%
Germany	71	-4.8%	-13.0%	8.0%	53	33%	27%	15.7%
Luxembourg	14	-8.3%	-33%	1.6%	4	300%	92%	1.2%
Europe	9	12.0%	10.1%	1.0%	2	0.0%	71%	0.6%
Spain	4	0.0%	-0.4%	0.5%	0			0.0%
Italy	4	0.0%	0.0%	0.5%	0			0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
<b>Total</b>	<b>877</b>	<b>-1.5%</b>	<b>-2.5%</b>	<b>100%</b>	<b>338</b>	<b>68.2%</b>	<b>56.8%</b>	<b>100%</b>

(Source Euronext)

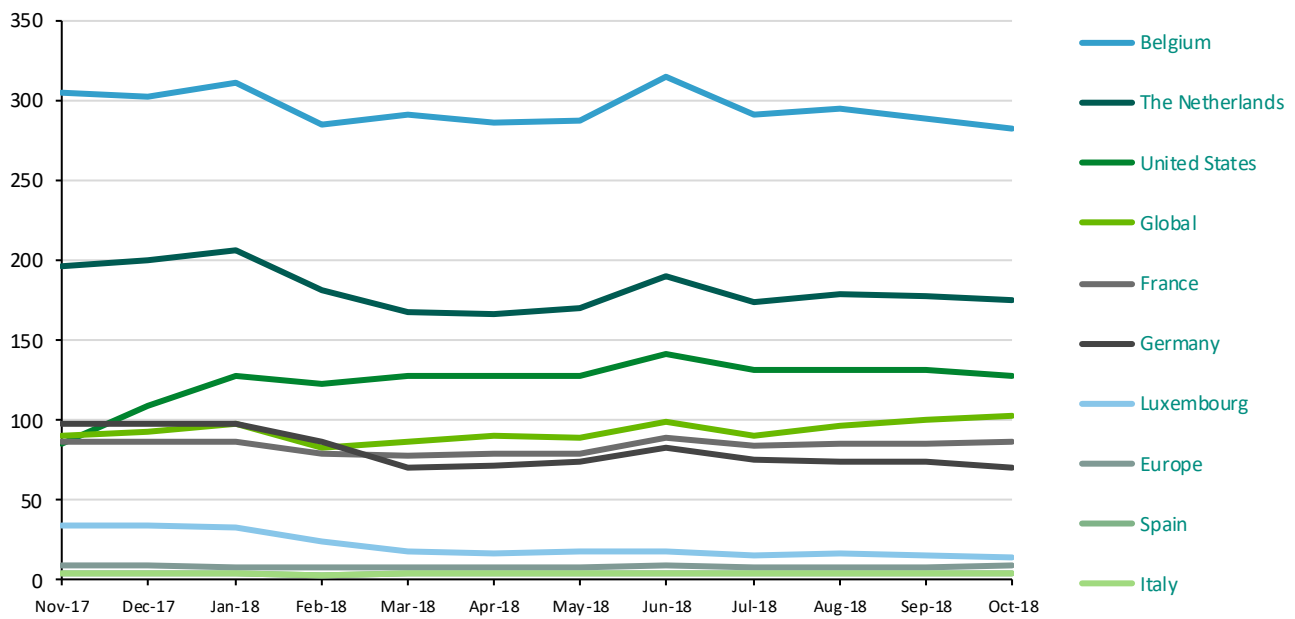




# TOP 10 UNDERLYING COUNTRIES

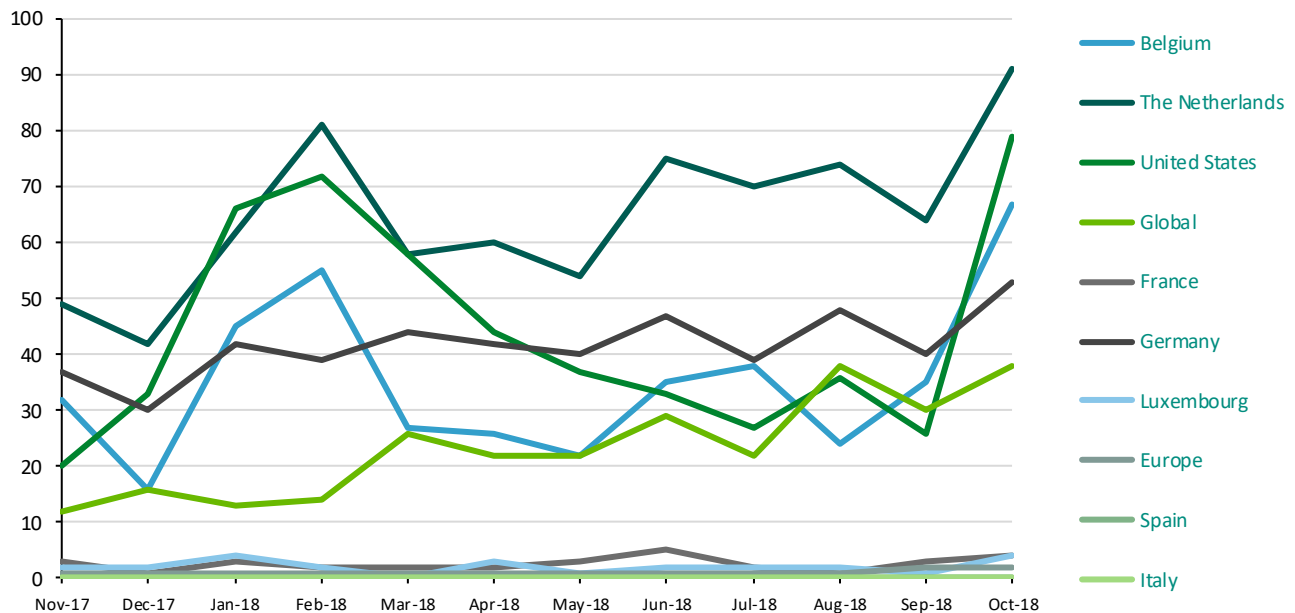
## Product Trend: Number of Live Products

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

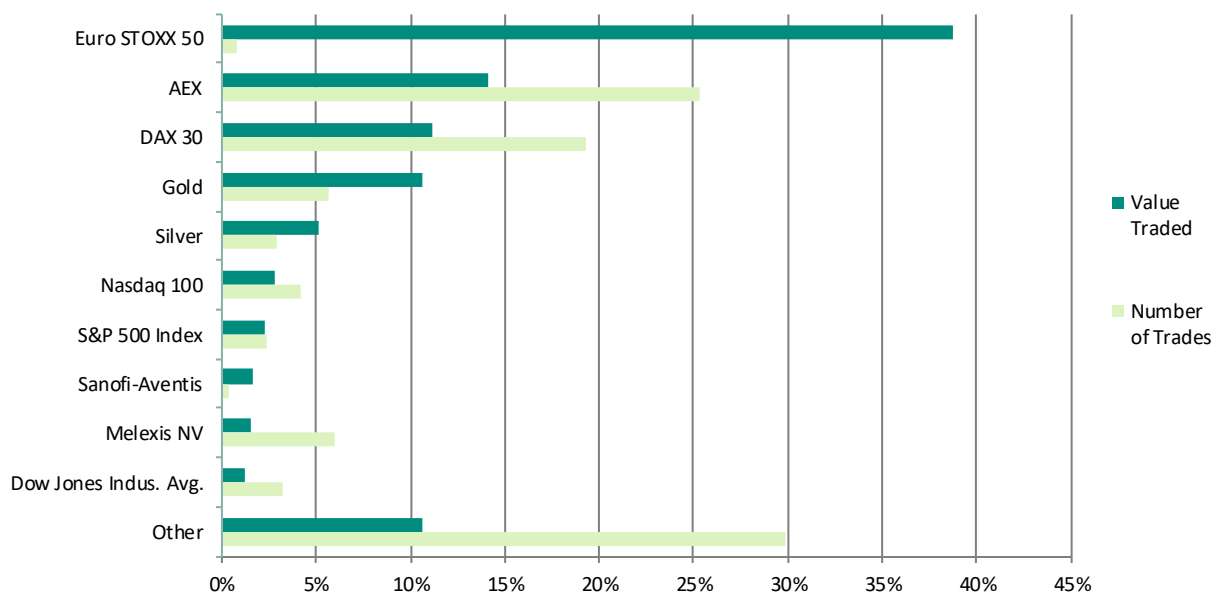
## Market Overview

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
Euro STOXX 50	456		NA	38.8%	2.2		794%	0.8%
AEX	167	29%	79%	14.2%	69	19.6%	42%	25.3%
DAX 30	132	-53%	-5.7%	11.2%	52	-26%	-7.4%	19.3%
Gold	125	85%	446%	10.6%	15	-19.4%	153%	5.7%
Silver	60	158%	495%	5.1%	8.0	26%	187%	2.9%
Nasdaq 100	33	345%	96%	2.8%	11	119%	50%	4.1%
S&P 500 Index	27	450%	213%	2.3%	6.6	-7.5%	36%	2.4%
Sanofi-Aventis	19	291%	280%	1.6%	1.0	317%	214%	0.4%
Melexis NV	18	59%	107%	1.6%	16	53%	90%	6.0%
Dow Jones Indus. Avg.	15	184%	163%	1.2%	8.7	324%	175%	3.2%
Other	125	-15.3%	-26%	10.6%	81	20.0%	-21%	29.8%
<b>Total</b>	<b>1,177</b>	<b>72.4%</b>	<b>126.1%</b>	<b>100%</b>	<b>271</b>	<b>10.4%</b>	<b>12.6%</b>	<b>100%</b>

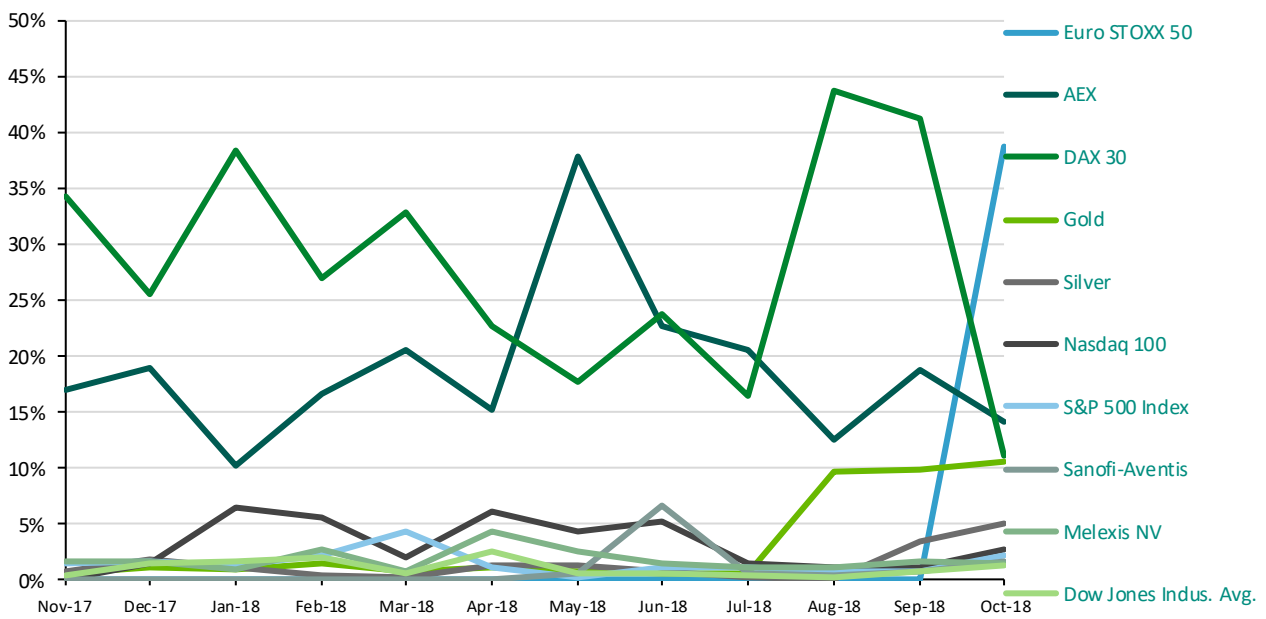
(Source Euronext)



# TOP 10 UNDERLYINGS

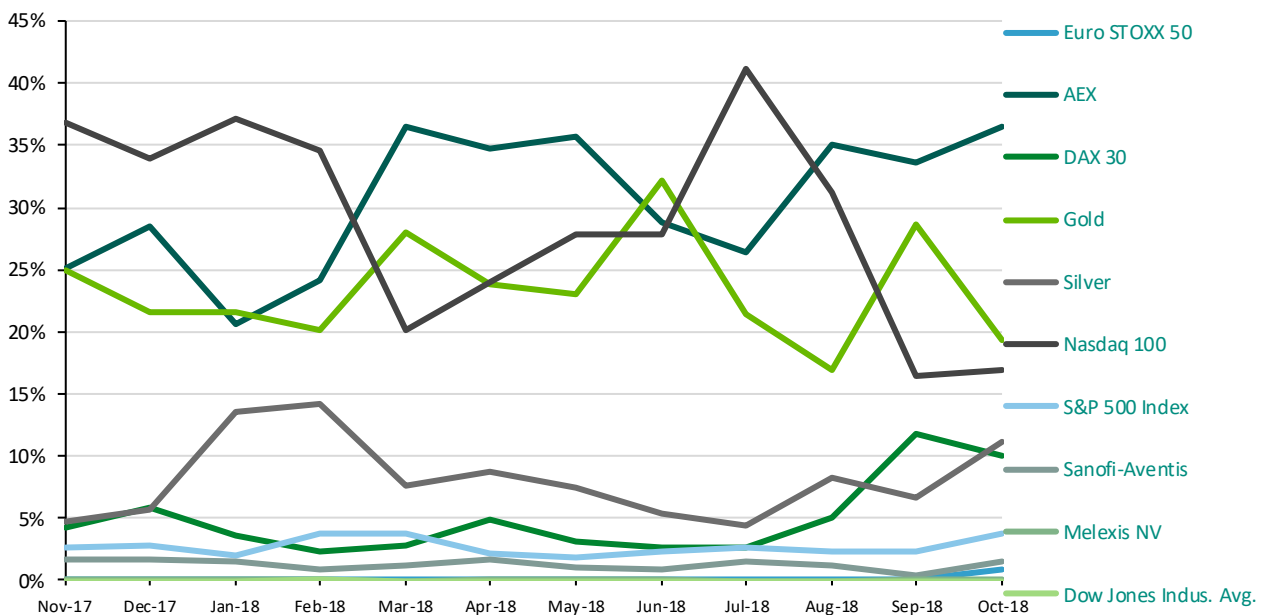
## Market Trend: Value traded

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

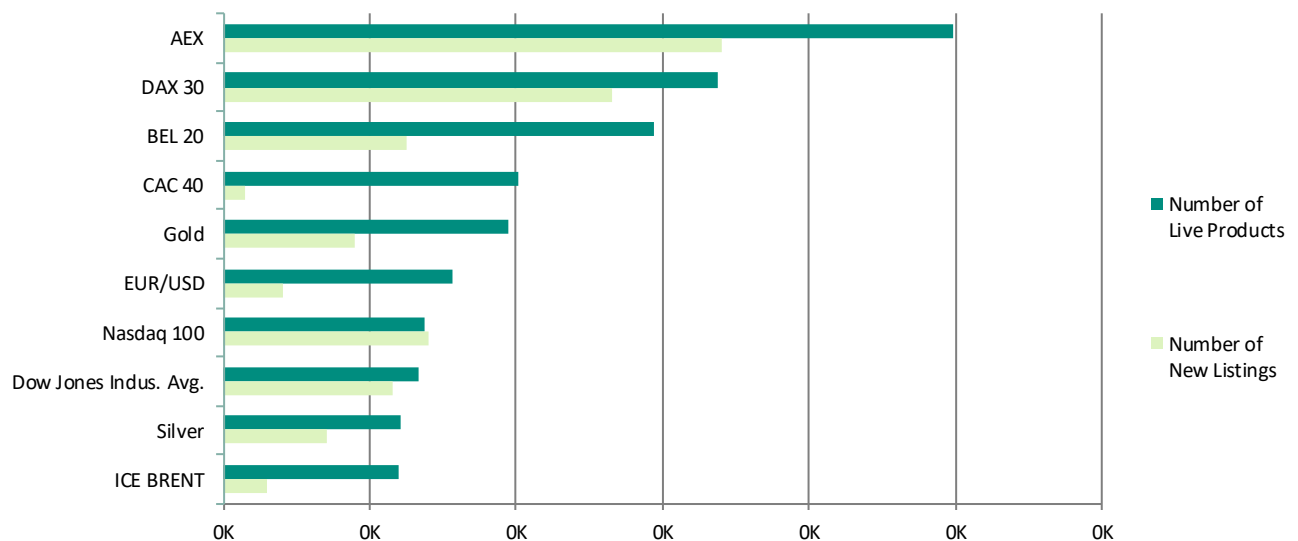
## Product Overview

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	100	-1.2%	-6.2%	11.4%	68	24%	24%	20.1%
DAX 30	68	-5.0%	-13.5%	7.7%	53	33%	27%	15.7%
BEL 20	59	-5.4%	-11.2%	6.7%	25	150%	96%	7.4%
CAC 40	40	2.1%	-2.6%	4.6%	3	200%	620%	0.9%
Gold	39	-2.3%	25%	4.4%	18	12.5%	76%	5.3%
EUR/USD	31	-0.3%	-0.7%	3.6%	8	100%	35%	2.4%
Nasdaq 100	28	2.7%	34%	3.1%	28	300%	66%	8.3%
Dow Jones Indus. Avg.	27	13.0%	29%	3.1%	23	229%	71%	6.8%
Silver	24	3.4%	11.3%	2.7%	14	40%	93%	4.1%
ICE BRENT	24	28%	4.5%	2.7%	6	50%	41%	1.8%
Other	438	-3.4%	-4.5%	49.9%	92	96%	93%	27.2%
<b>Total</b>	<b>877</b>	<b>-1.5%</b>	<b>-2.5%</b>	<b>100%</b>	<b>338</b>	<b>68.2%</b>	<b>56.8%</b>	<b>100%</b>

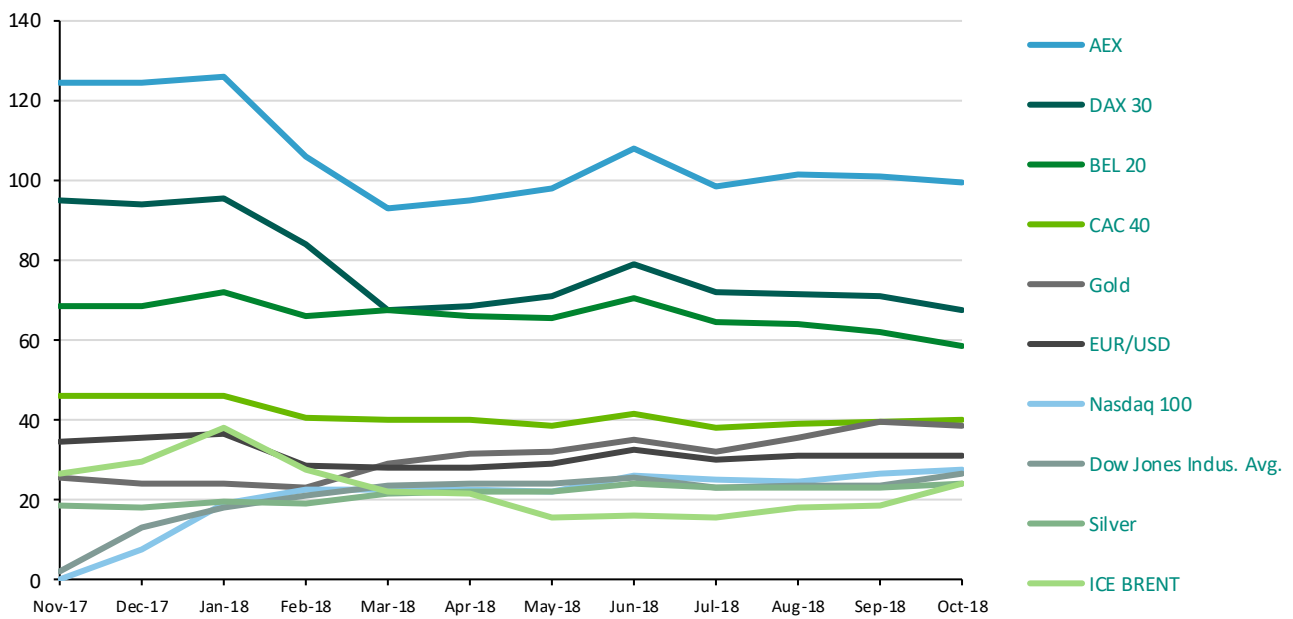
(Source Euronext)



# TOP 10 UNDERLYINGS

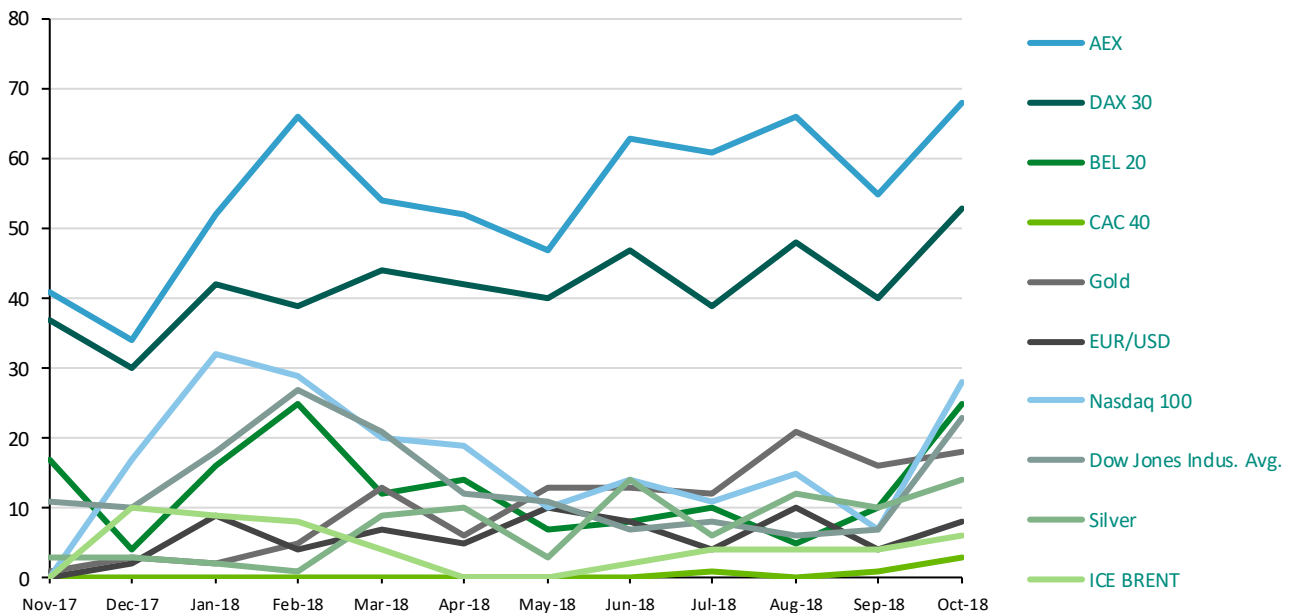
## Product Trend: Number of Live Products

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
LU1898906059	KBC	1260	Express Certificates	Euro STOXX 50	20,600	98
DE000CJ3J9Y0	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	3,521	308
DE000CJ3J7D8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	2,221	332
DE000CJ3KBJ8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,337	384
DE000CN1V7G9	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	1,057	120
DE000CA1SXY7	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	992	264
LU1830982507	KBC	2100	Warrants	Sanofi-Aventis	890	48
DE000CJ3J8S4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	820	226
DE000CA1SS32	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	791	106
DE000CE72UE2	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	771	272
DE000CA1SRP7	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	695	54
DE000CJ3J961	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	621	40
DE000CJ3J7K3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	552	134
DE000CN90TY5	Commerzbank	2300	Constant Leverage Certificate	NYMEX LS CRUDE	506	76
DE000CJ3J3R7	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	490	366
DE000CJ3J276	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	454	288
DE000CJ3J904	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	432	48
DE000CJ3KBZ4	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	432	228
DE000CE72210	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	432	96
DE000CA1SVW5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	412	182
DE000CJ3J9Z7	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	396	66
LU1887465356	KBC	1260	Express Certificates	Euro STOXX 50	390	2
DE000CJ3J920	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	387	44
DE000CJ3KB79	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	365	24
DE000CJ3KB38	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	330	100
DE000CJ3J664	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	312	56
DE000CJ3J9X2	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	306	22
DE000CJ3J8H7	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	300	68
LU1891760669	KBC	2100	Warrants	Engie	275	30
DE000CA1SKX6	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	268	74
DE000CJ3KEQ7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	268	98
DE000CJ3J6L3	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	254	36
DE000CN90E81	Commerzbank	2205	Open-End Knock-Out Warrants	ING	249	96
DE000CJ3KAJ0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	225	106
DE000CN901T1	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	221	122
DE000CA1SS40	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	191	42
DE000CJ3J6N9	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	189	36
DE000CN90A85	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	189	54
DE000CJ3J789	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	188	142
DE000CA1SU46	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	186	32
DE000CA1SWC5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	179	52
DE000CA1SVY1	Commerzbank	2205	Open-End Knock-Out Warrants	ICE BRENT	176	66
DE000CE71QP8	Commerzbank	2205	Open-End Knock-Out Warrants	ArcelorMittal	161	94
DE000CJ3KAU7	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	157	88
DE000CJ3J8L9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	154	84
DE000CJ3KCI6	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	153	58
DE000CJ3KDL0	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	151	8
DE000CJ3J2W9	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	148	74
DE000CJ3KAD3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	146	78
DE000CN8ZS96	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	136	112

(Source Euronext)



Euronext Lisbon

# ISSUERS

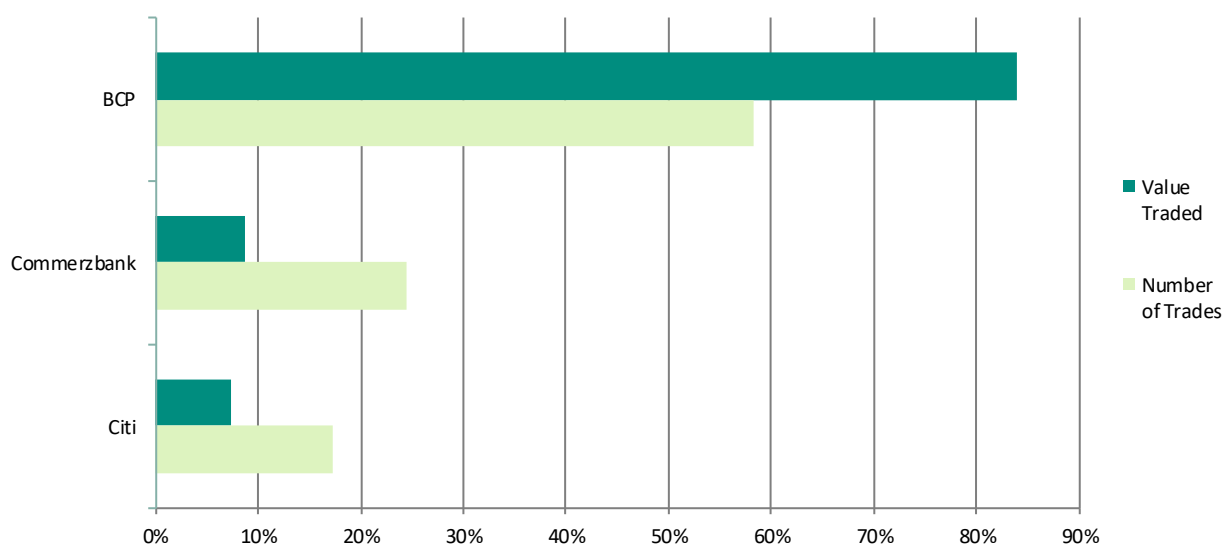
## Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	1,780	-23%	-26%	83.9%	168	-17.2%	-28.3%	58.3%
Commerzbank	186	-51%	-46%	8.8%	70	-10.0%	-7.2%	24.4%
Citi	155	20%	-57%	7.3%	50	37.5%	-13.2%	17.3%
Total	2,121	-24.9%	-31.8%	100%	288	-9.2%	-21.6%	100%

(Source Euronext)

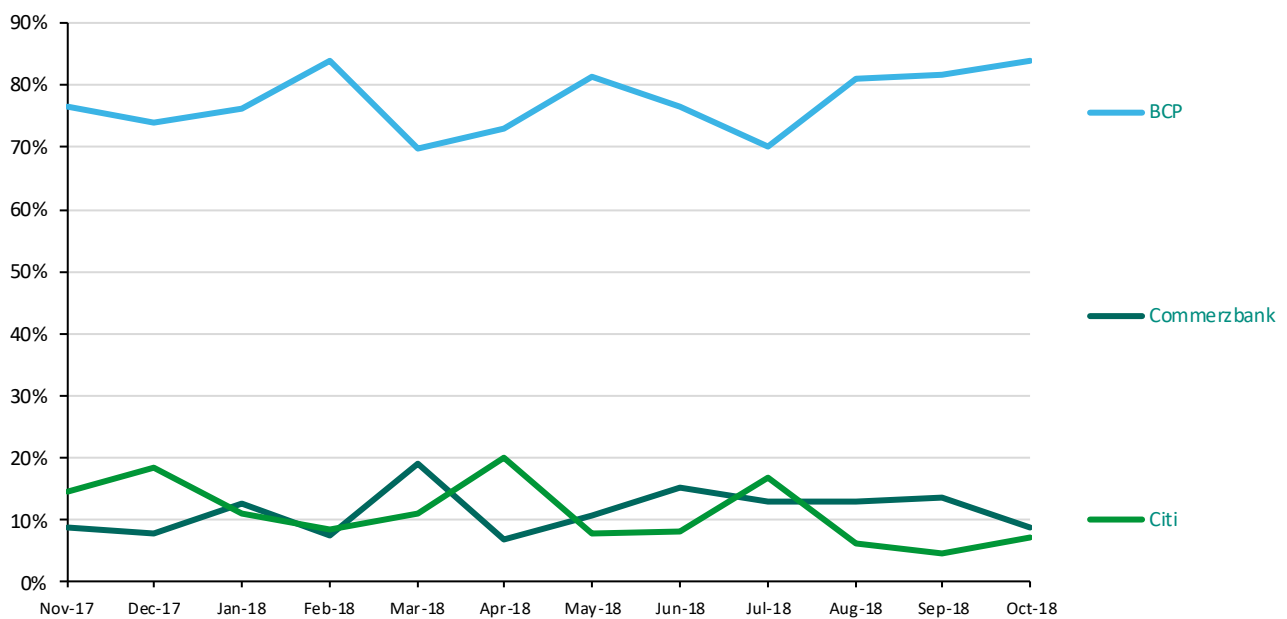




# ISSUERS

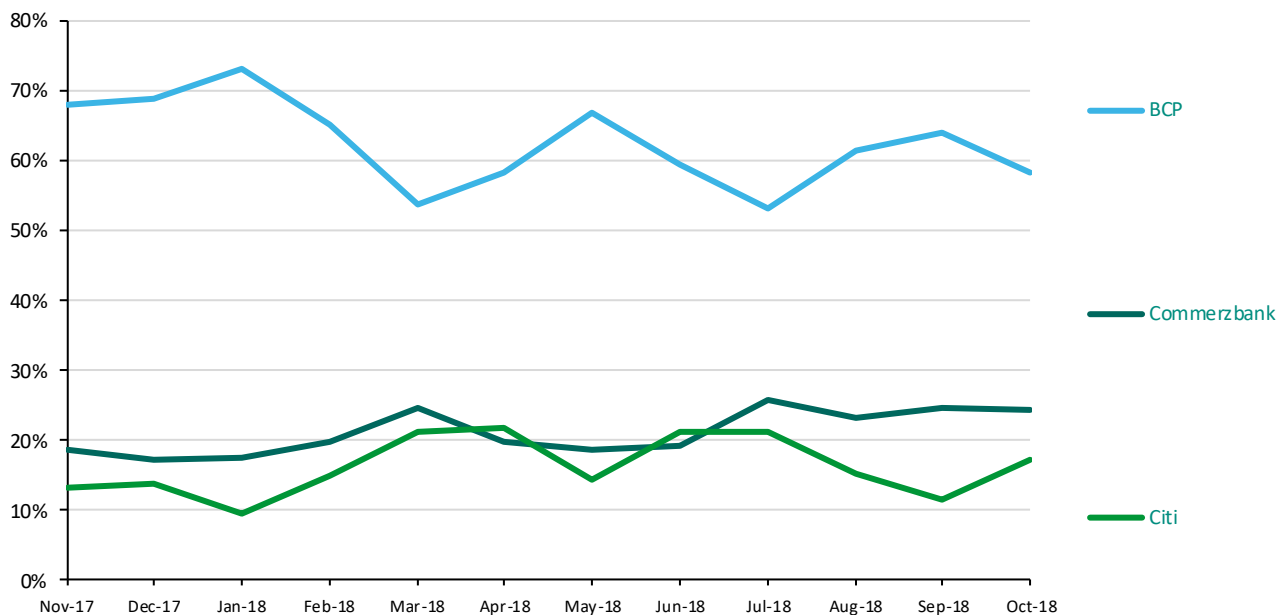
## Market Trend: Value traded

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

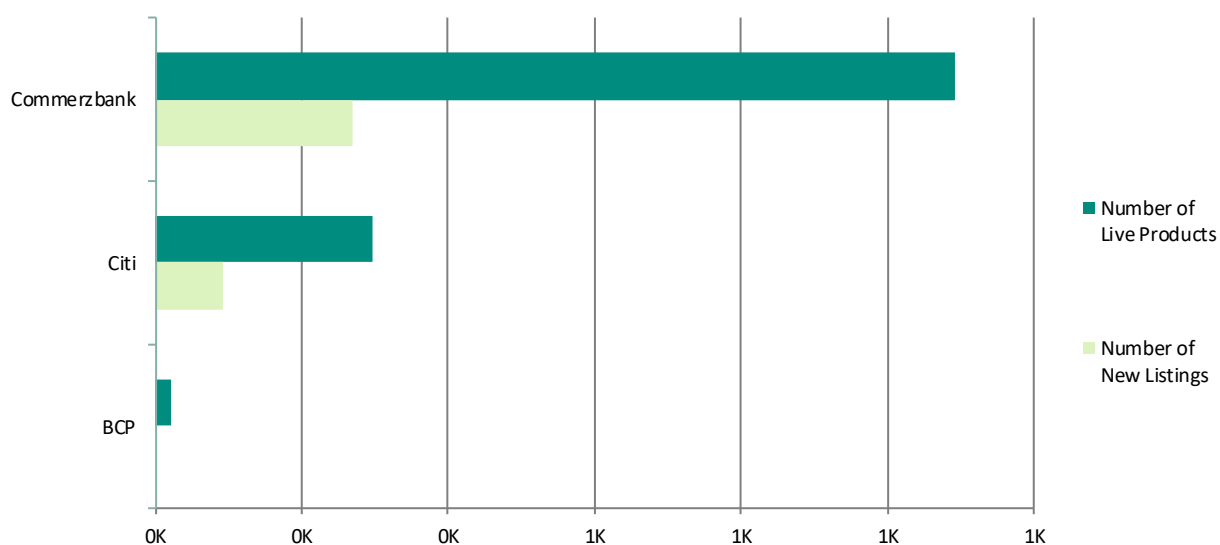
## Product Overview

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	1,092	-7.2%	-7.8%	77.4%	270	51%	18.1%	74.8%
Citi	296	-16.7%	-14.7%	21.0%	91	-34%	-23%	25.2%
BCP	22	0.0%	-3.5%	1.6%	0		-100%	0.0%
Total	1,410	-9.2%	-9.3%	100%	361	13.9%	4.2%	100%

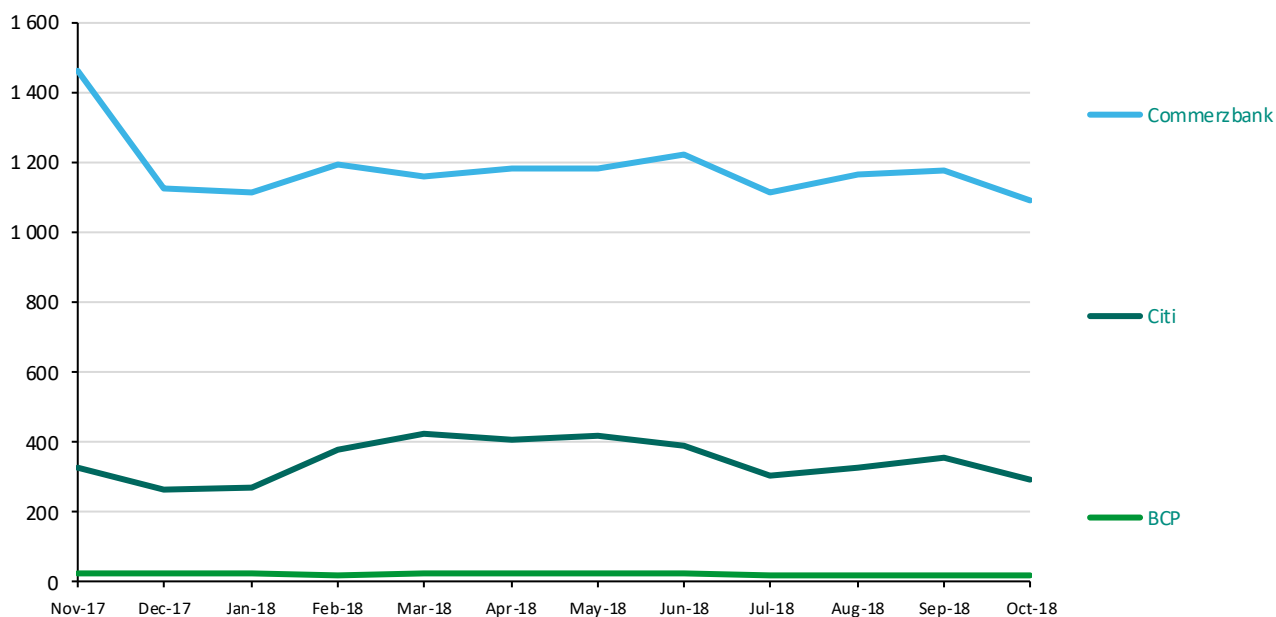
(Source Euronext)



# ISSUERS

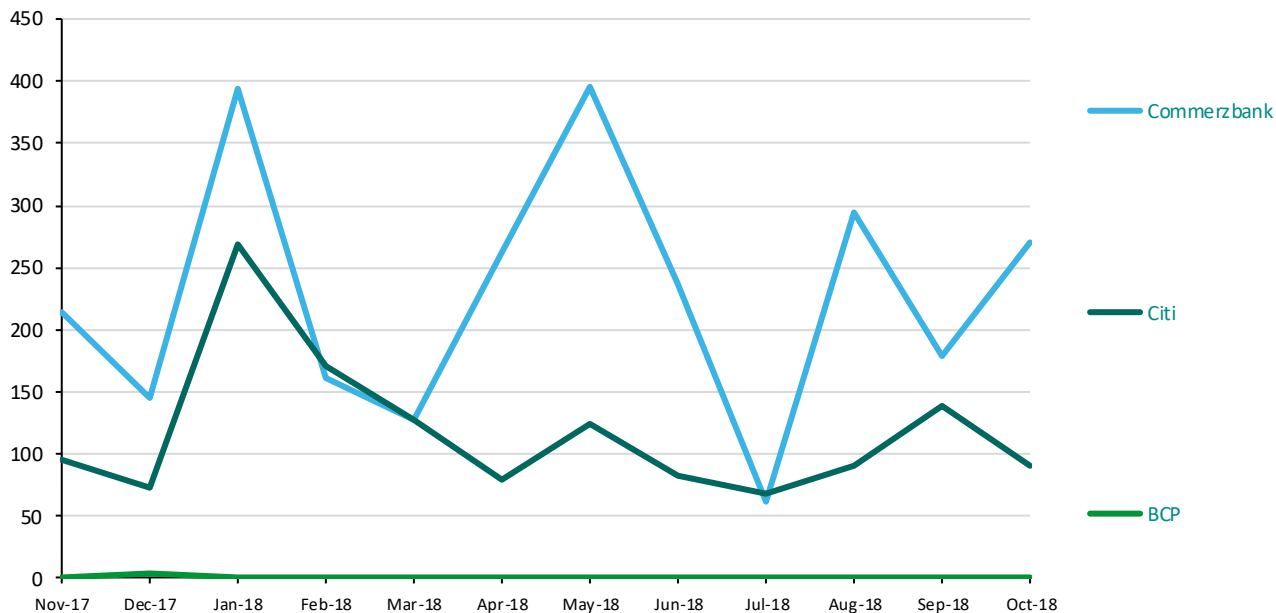
## Product Trend: Number of Live Products

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)

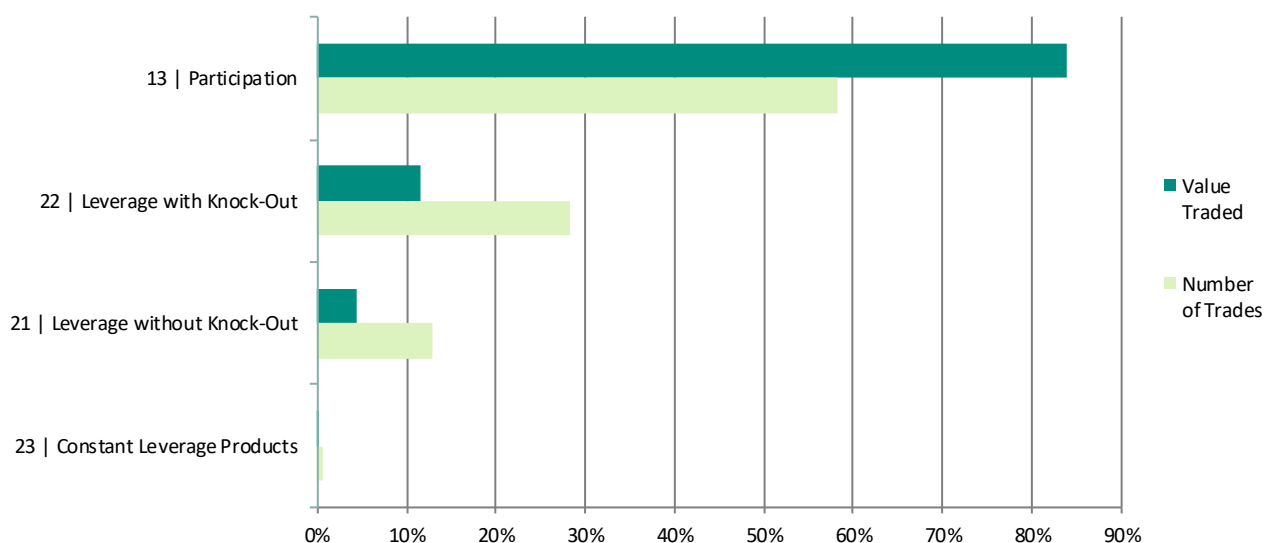
## Market Overview

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	1,780	-23%	-26%	83.9%	168	-17.2%	-28%	58.3%
22   Leverage with Knock-Out	244	-46%	-58%	11.5%	81	-5.0%	-17.9%	28.3%
21   Leverage without Knock-Out	93	59%	-16.3%	4.4%	37	36%	21%	12.9%
23   Constant Leverage Products	3	79%	-77%	0.1%	1.5	18.3%	-55%	0.5%
<b>Total</b>	<b>2,121</b>	<b>-24.9%</b>	<b>-31.8%</b>	<b>100%</b>	<b>288</b>	<b>-9.2%</b>	<b>-21.6%</b>	<b>100%</b>

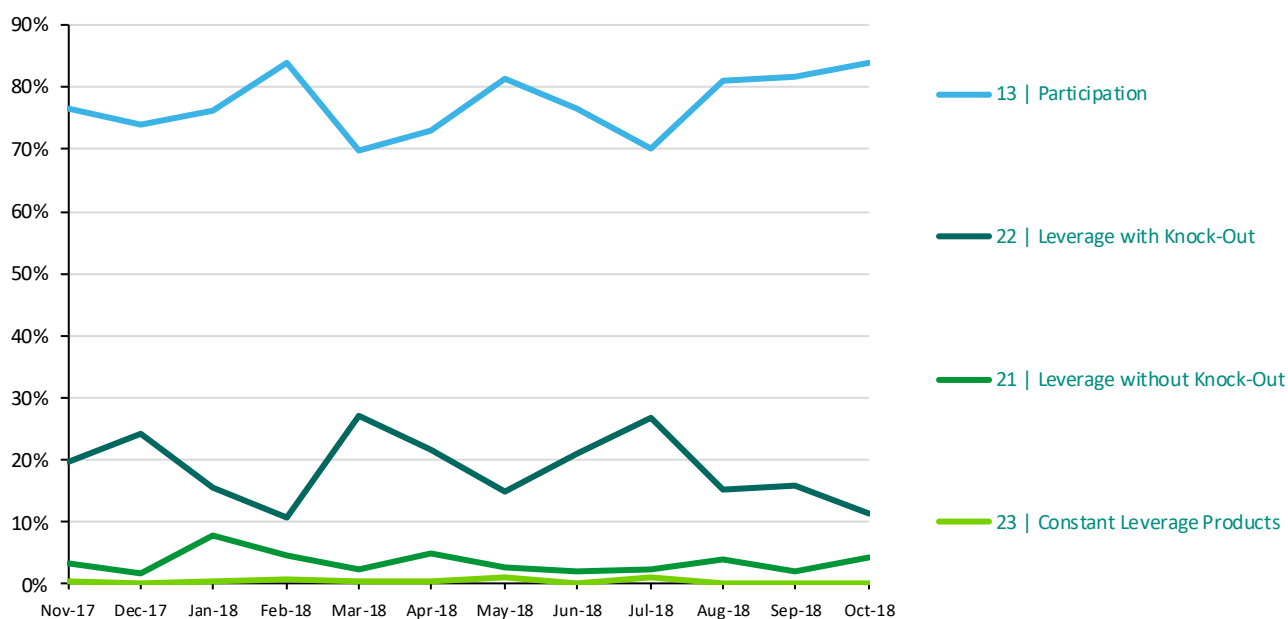
(Source Euronext)



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

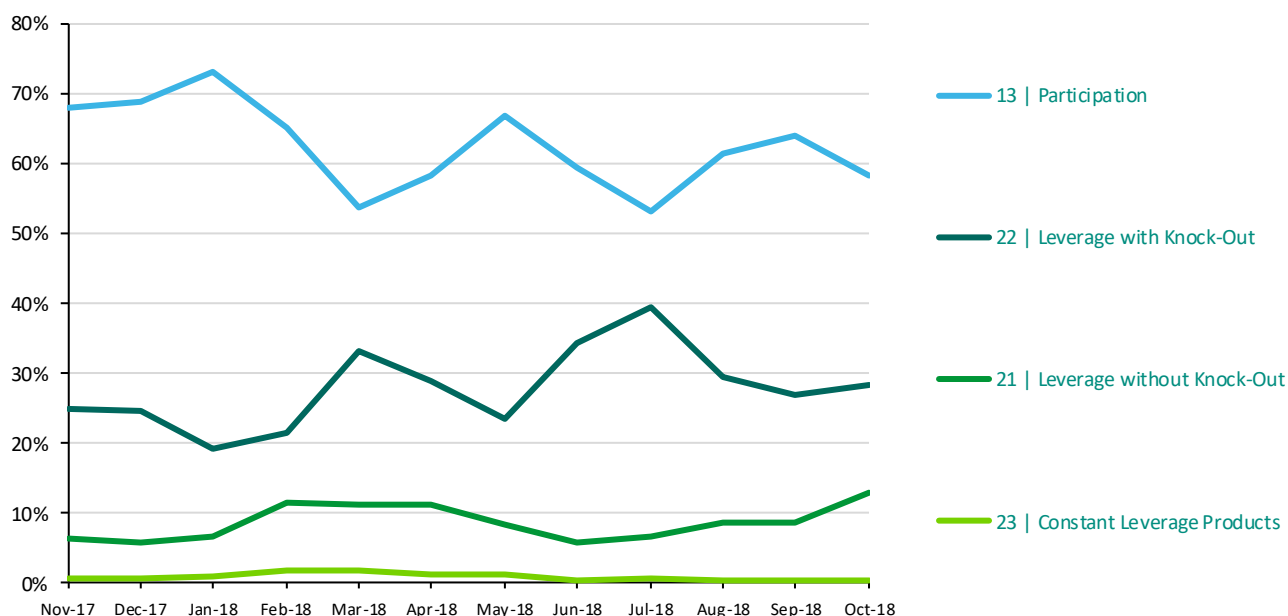
## Market Trend: Value traded

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

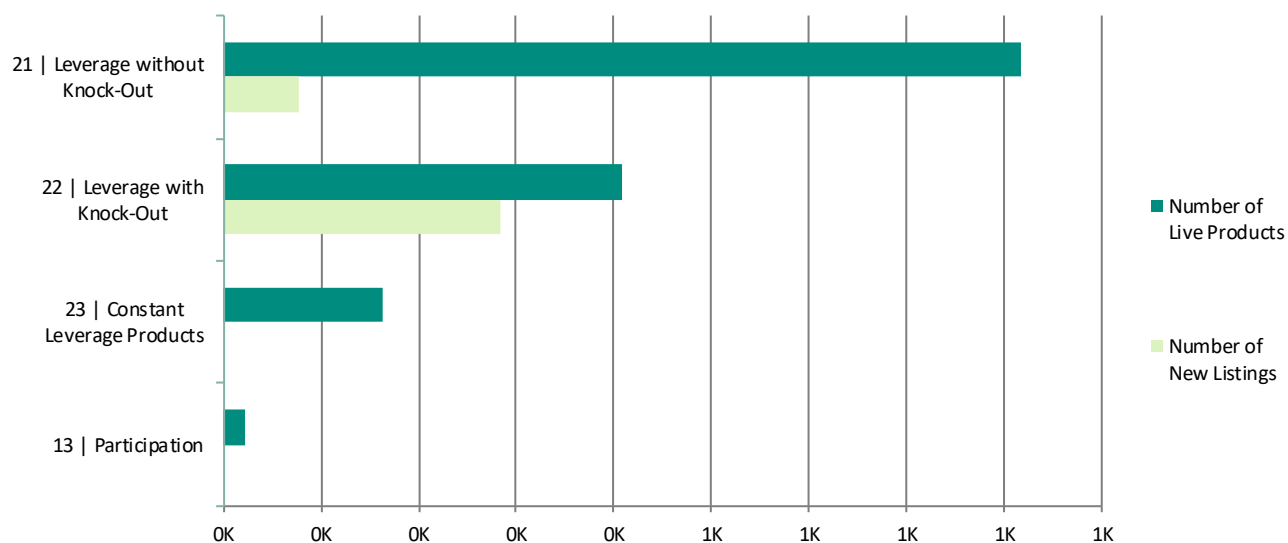
### Product Overview

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	817	-3.8%	-7.8%	57.9%	77	185%	-28%	21.3%
22   Leverage with Knock-Out	408	-22%	0.8%	28.9%	284	1.1%	18.8%	78.7%
23   Constant Leverage Products	163	4.6%	-33%	11.6%	0	-100%	-100%	0.0%
13   Participation	22	0.0%	-3.5%	1.6%	0		-100%	0.0%
<b>Total</b>	<b>1,410</b>	<b>-9.2%</b>	<b>-9.3%</b>	<b>100%</b>	<b>361</b>	<b>13.9%</b>	<b>4.2%</b>	<b>100%</b>

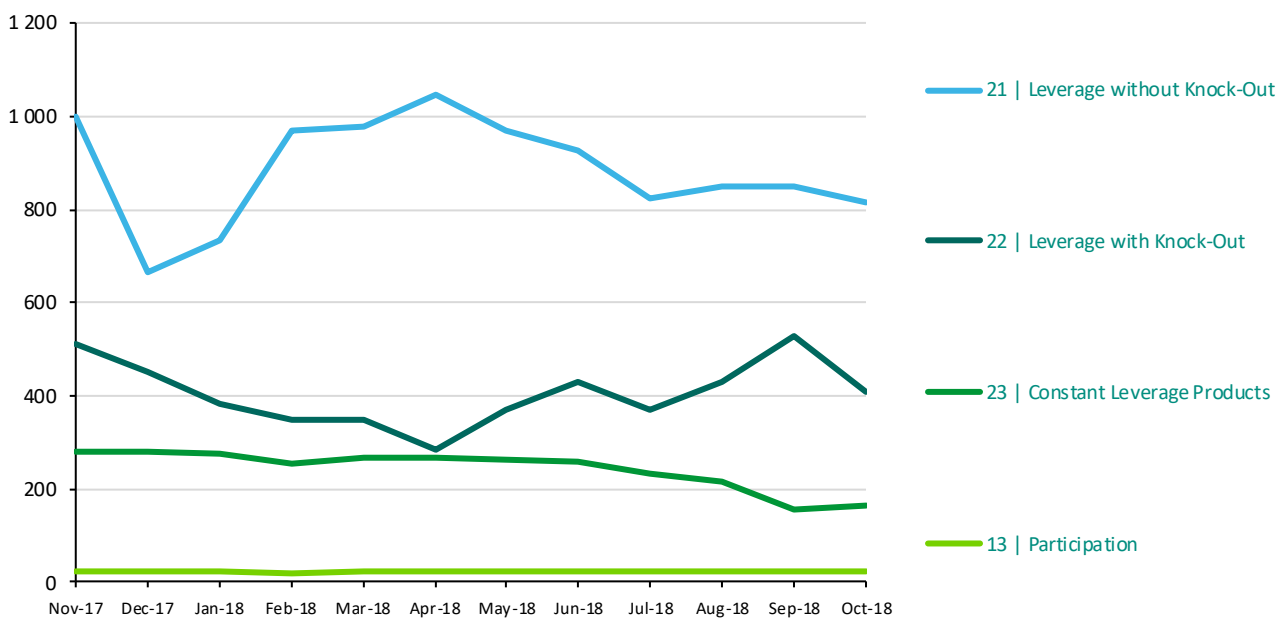
(Source Euronext)



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

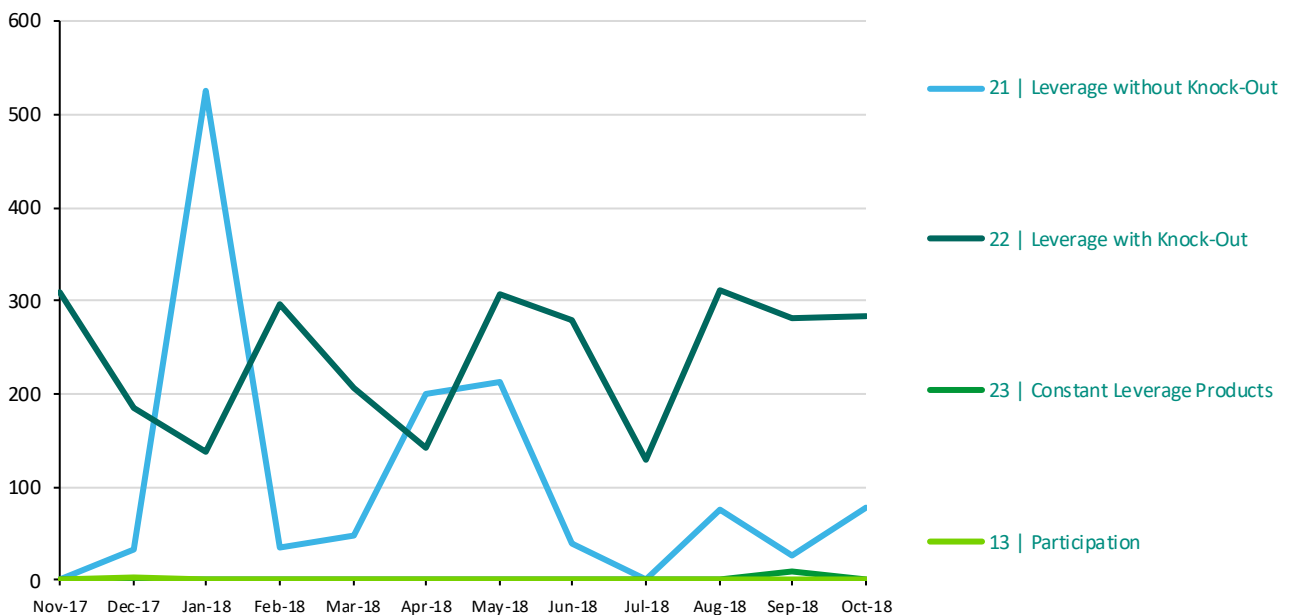
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

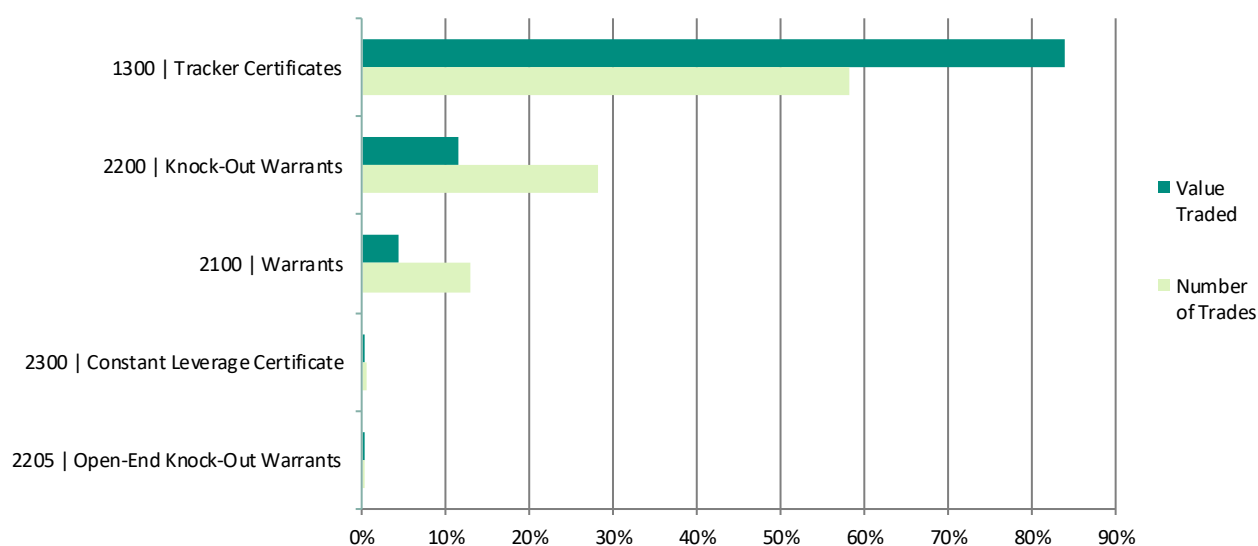
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
1300   Tracker Certificates	1,780	-23%	-26%	83.9%	168	-17.2%	-28%	58.3%
2200   Knock-Out Warrants	244	-46%	-58%	11.5%	81	-5.4%	-18.2%	28.1%
2100   Warrants	93	59%	-16.3%	4.4%	37	36%	21%	12.9%
2300   Constant Leverage Certificate	3	79%	-77%	0.1%	1.5	18.3%	-55%	0.5%
2205   Open-End Knock-Out Warrants	0	239%	246%	0.0%	0.4	335%	333%	0.2%
<b>Total</b>	<b>2,121</b>	<b>-24.9%</b>	<b>-31.8%</b>	<b>100%</b>	<b>288</b>	<b>-9.2%</b>	<b>-21.6%</b>	<b>100%</b>

(Source Euronext)

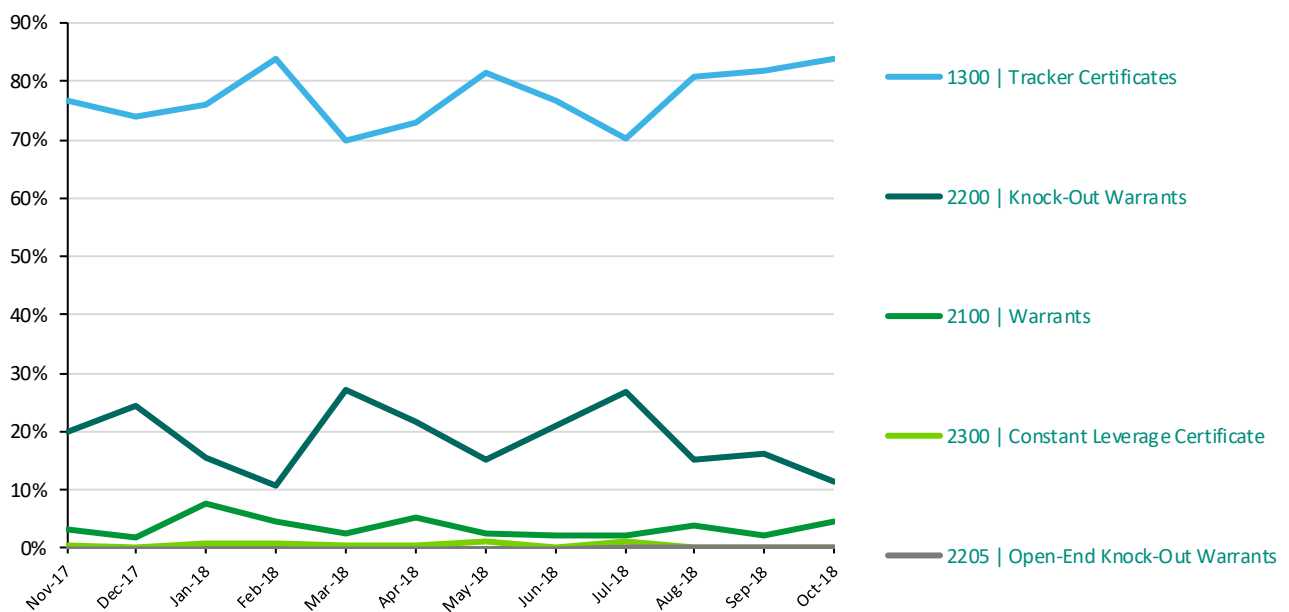




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

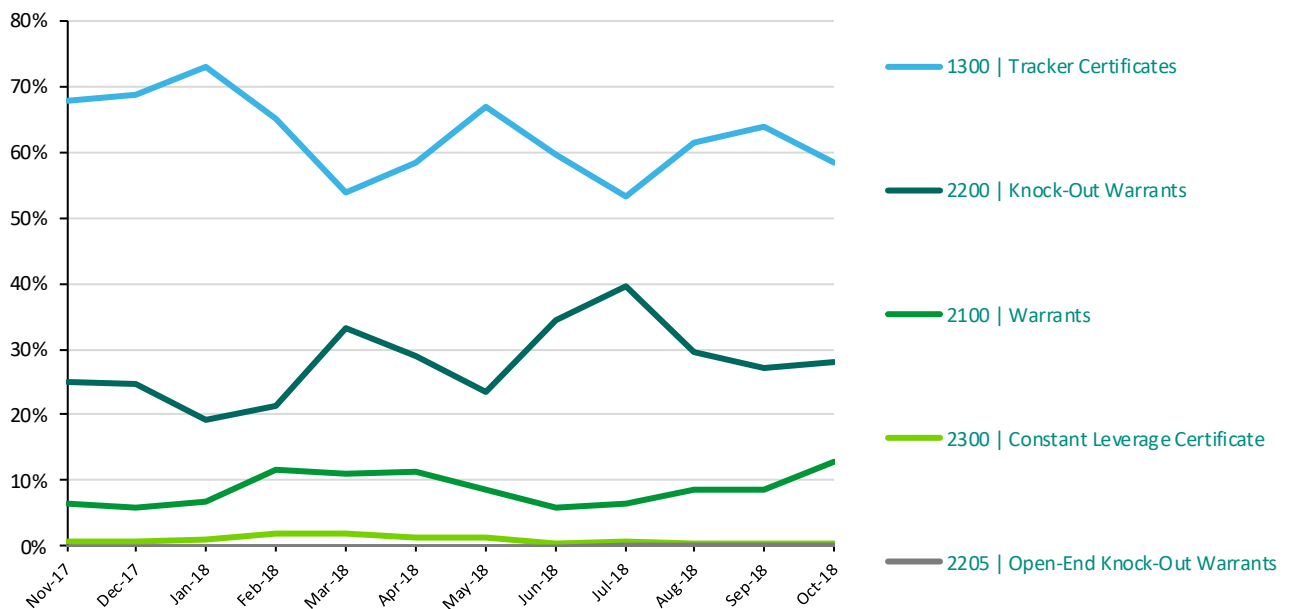
## Market Trend: Value traded

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

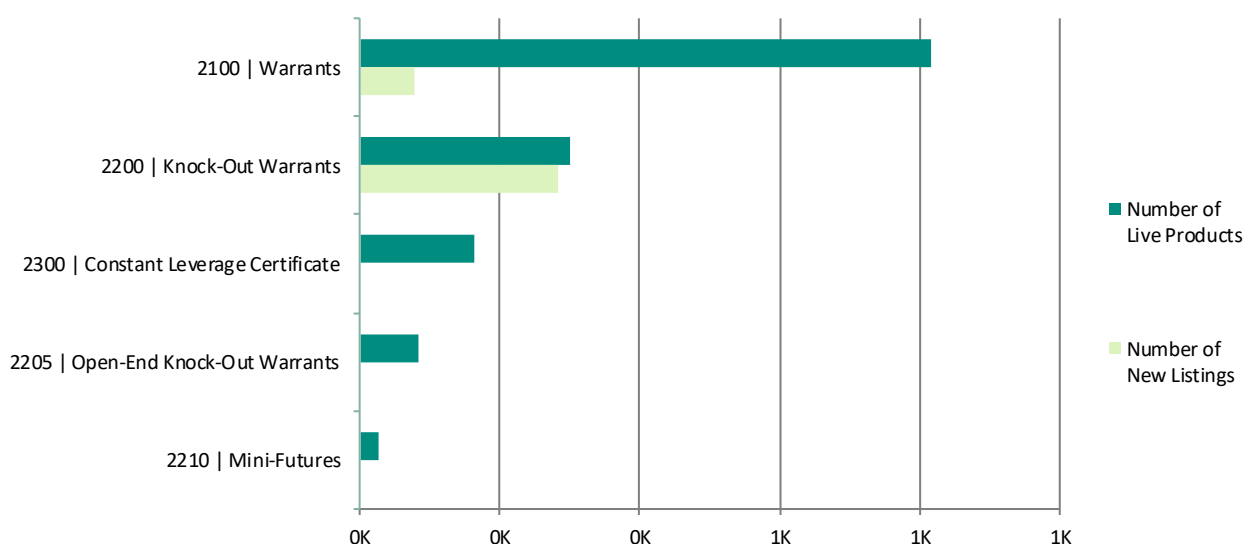
## Product Overview

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	817	-3.8%	-7.8%	57.9%	77	185%	-28%	21.3%
2200   Knock-Out Warrants	299	-30%	-18.8%	21.2%	284	18.8%	26%	78.7%
2300   Constant Leverage Certificate	163	4.6%	-33%	11.6%	0	-100%	-100%	0.0%
2205   Open-End Knock-Out Warrants	83	-11.8%	211%	5.9%	0	-100%	-100%	0.0%
2210   Mini-Futures	26	541%	181%	1.8%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,410</b>	<b>-9.2%</b>	<b>-9.3%</b>	<b>100%</b>	<b>361</b>	<b>13.9%</b>	<b>4.2%</b>	<b>100%</b>

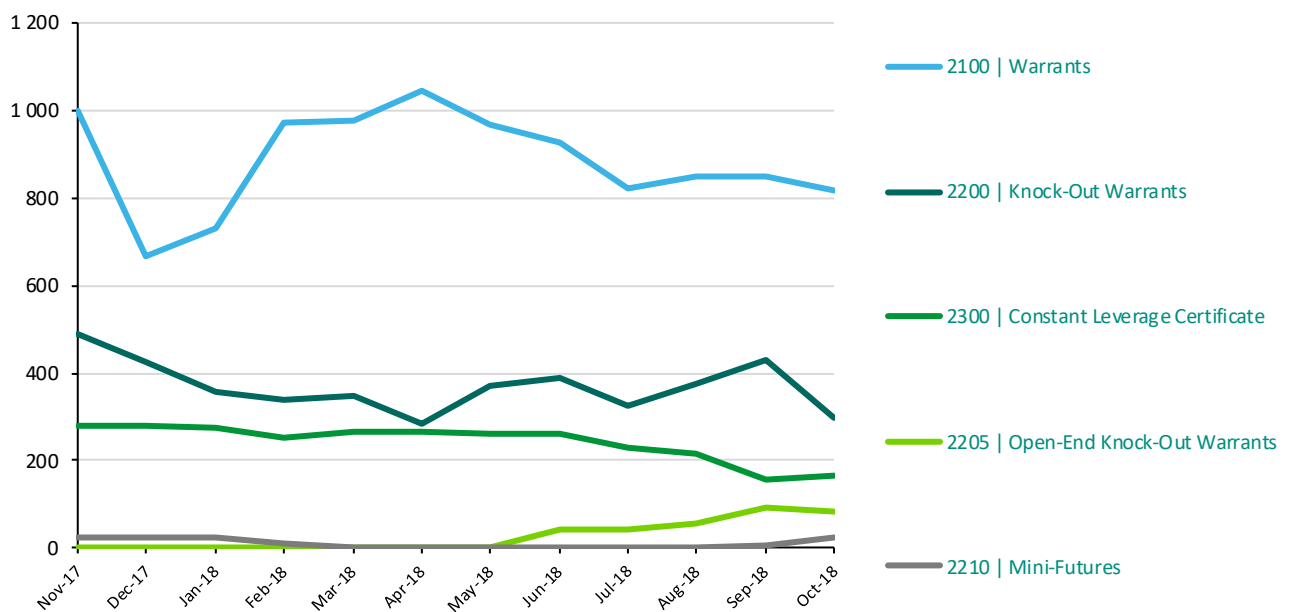
(Source Euronext)



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

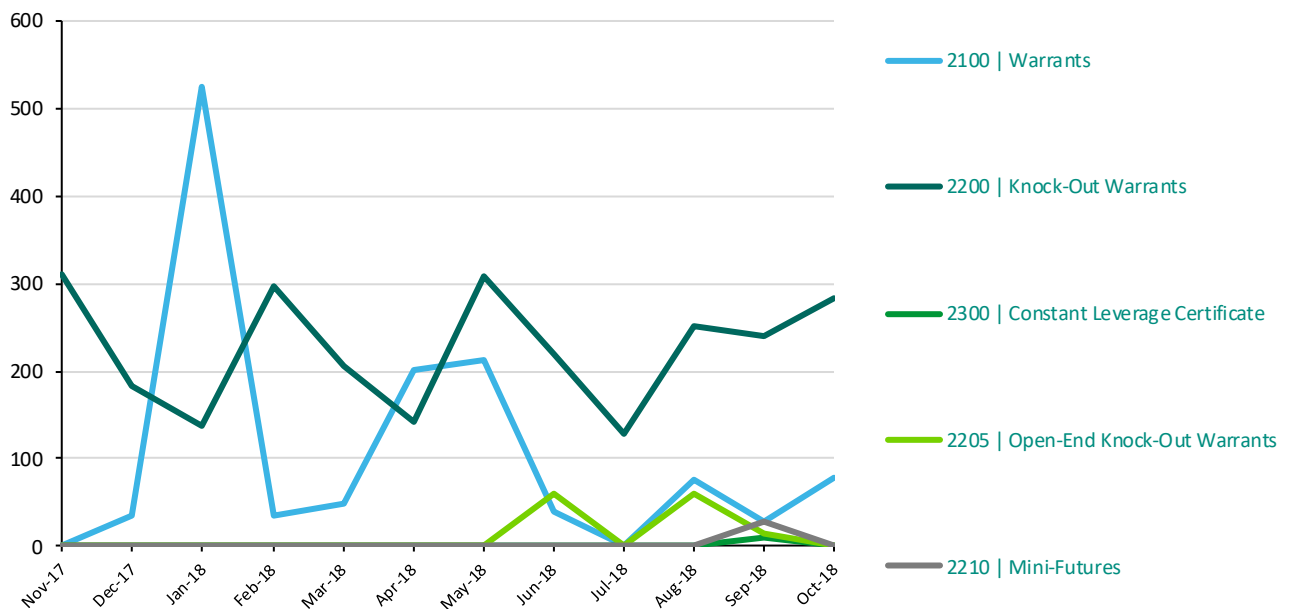
## Product Trend: Number of Live Products

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

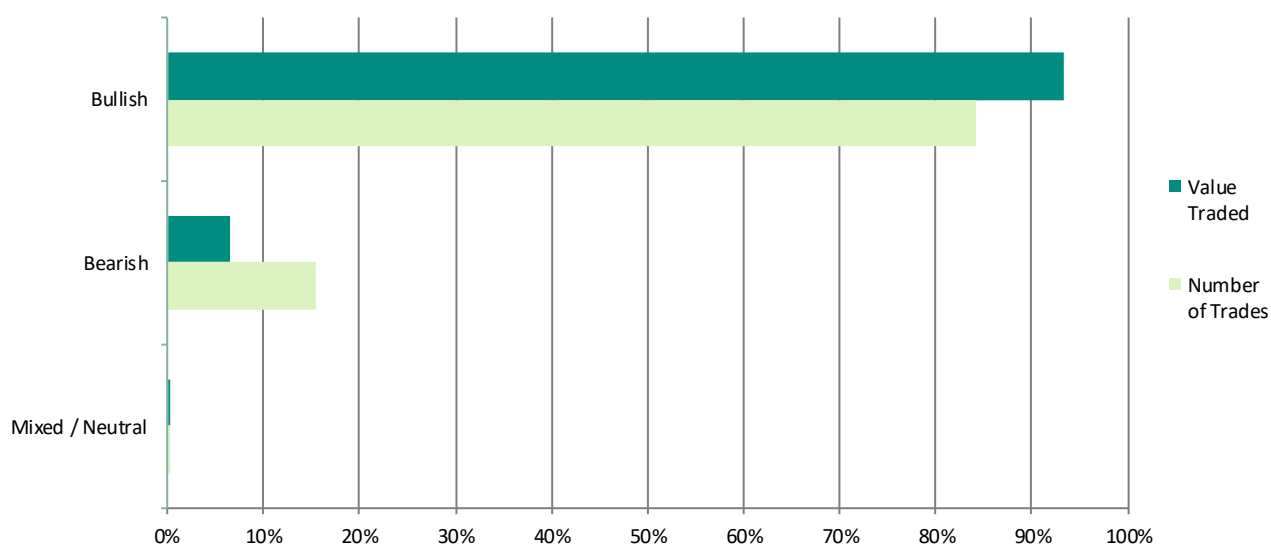
## Market Overview

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	1,979	-24%	-28%	93.3%	243	-8.1%	-19.7%	84.2%
Bearish	139	-38%	-58%	6.6%	44	-14.5%	-28%	15.4%
Mixed / Neutral	3	65%	-79%	0.1%	1.1	-9.4%	-65%	0.4%
Total	2,121	-24.9%	-31.8%	100%	288	-9.2%	-21.6%	100%

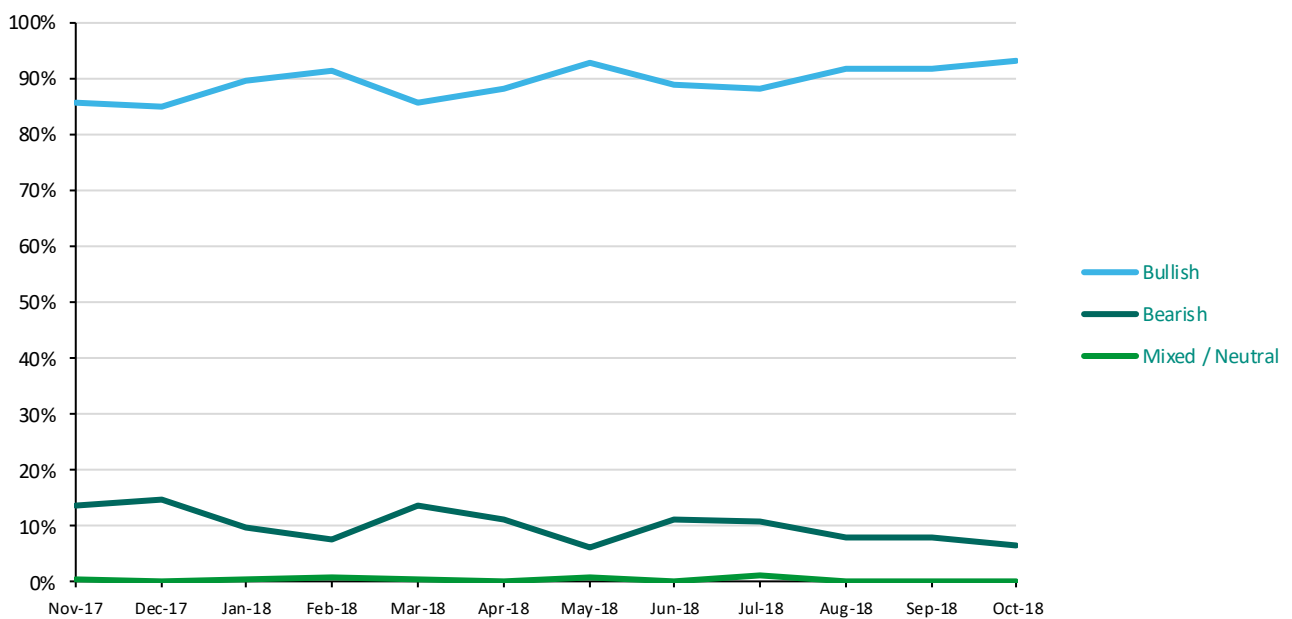
(Source Euronext)



# PRODUCT STRATEGIES

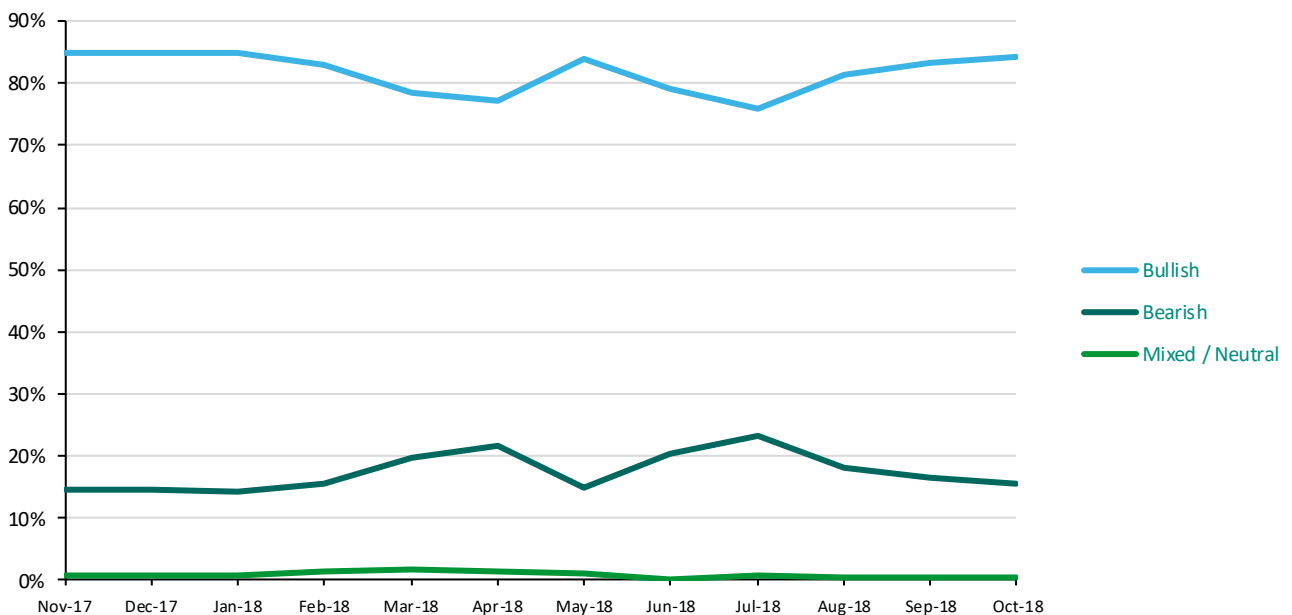
## Market Trend: Value traded

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

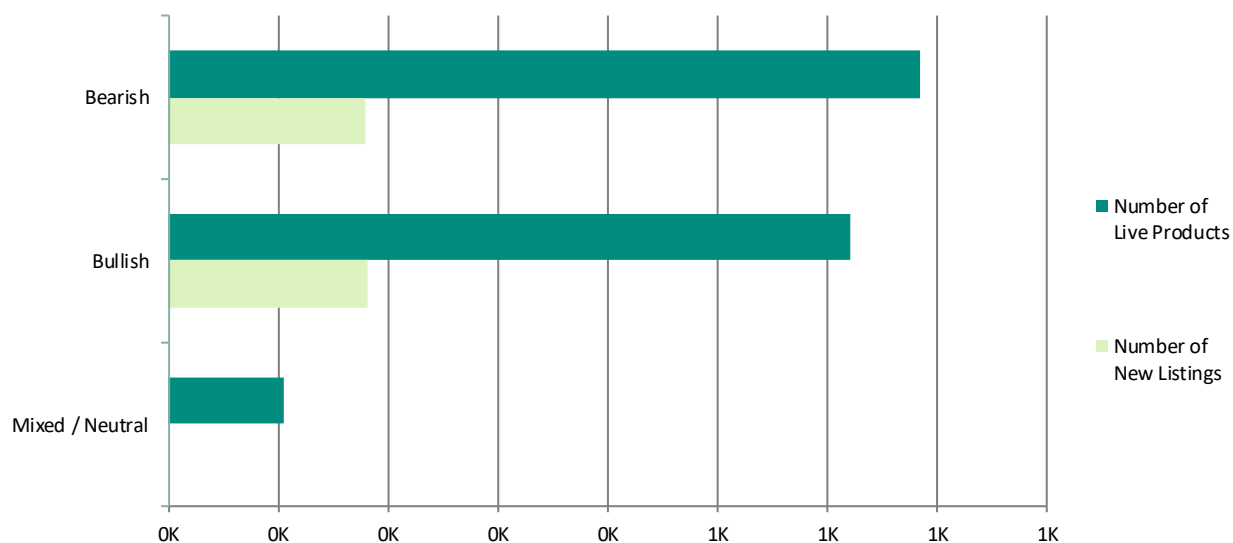
## Product Overview

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
Bearish	684	-6.8%	3.0%	48.5%	179	18.5%	5.1%	49.6%
Bullish	620	-14.1%	-12.7%	44.0%	182	15.9%	3.7%	50.4%
Mixed / Neutral	105	7.7%	-41%	7.5%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,410</b>	<b>-9.2%</b>	<b>-9.3%</b>	<b>100%</b>	<b>361</b>	<b>13.9%</b>	<b>4.2%</b>	<b>100%</b>

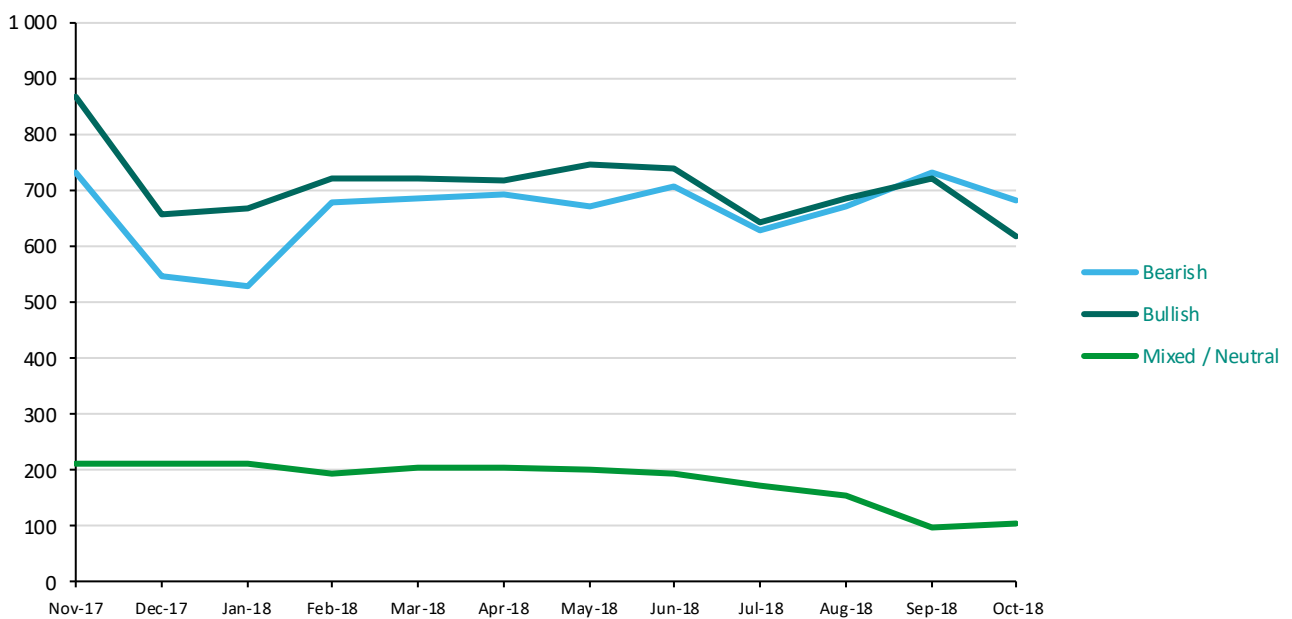
(Source Euronext)



# PRODUCT STRATEGIES

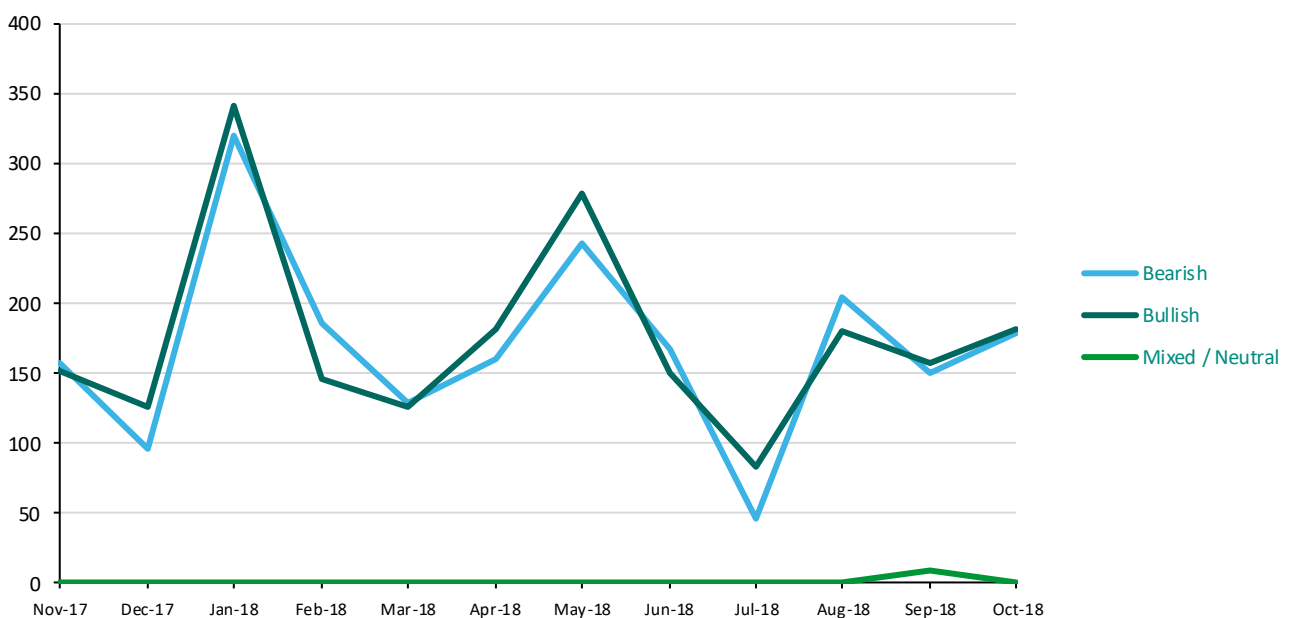
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# UNDERLYING TYPES

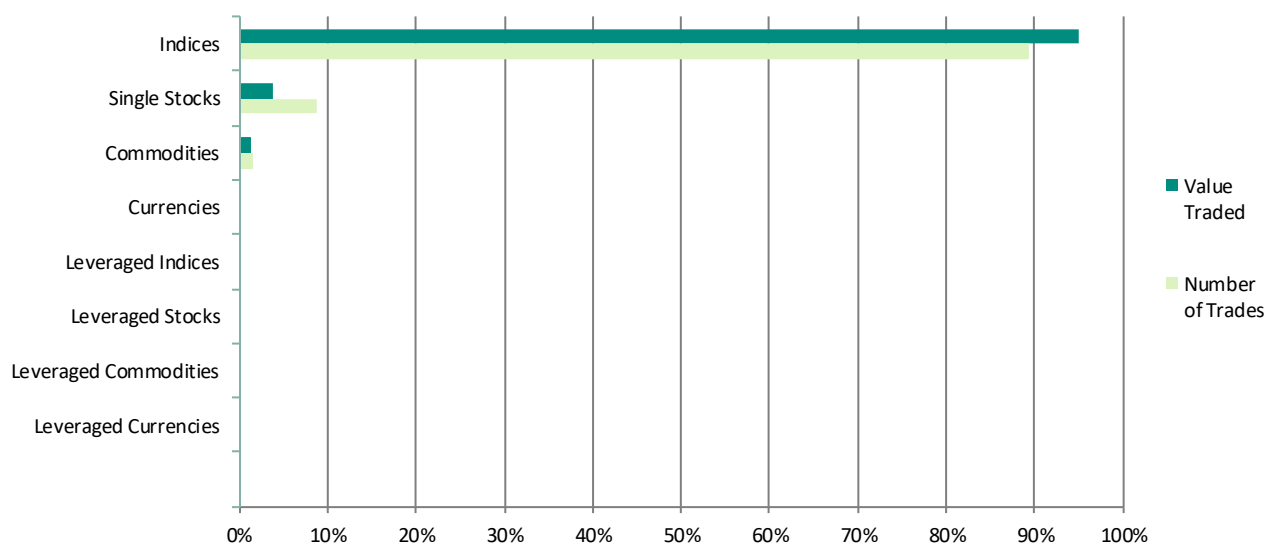
## Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	2,014	-25%	-31%	95.0%	258	-10.2%	-23%	89.4%
Single Stocks	80	-25%	-38%	3.8%	25	3.1%	2.6%	8.8%
Commodities	26	-1.3%	-31%	1.2%	4.3	-13.0%	-22%	1.5%
Currencies	0	-57%	-94%	0.0%	0.6	-32%	-64%	0.2%
Leveraged Indices	0	705%	155%	0.0%	0.3	509%	154%	0.1%
Leveraged Stocks	0		232%	0.0%	0.0		-25%	0.0%
Leveraged Commodities	0		-47%	0.0%	0.0		61%	0.0%
Leveraged Currencies	0			0.0%	0.0			0.0%
	0			0.0%	0.0			0.0%
<b>Total</b>	<b>2,121</b>	<b>-24.9%</b>	<b>-31.8%</b>	<b>100%</b>	<b>288</b>	<b>-9.2%</b>	<b>-21.6%</b>	<b>100%</b>

(Source Euronext)

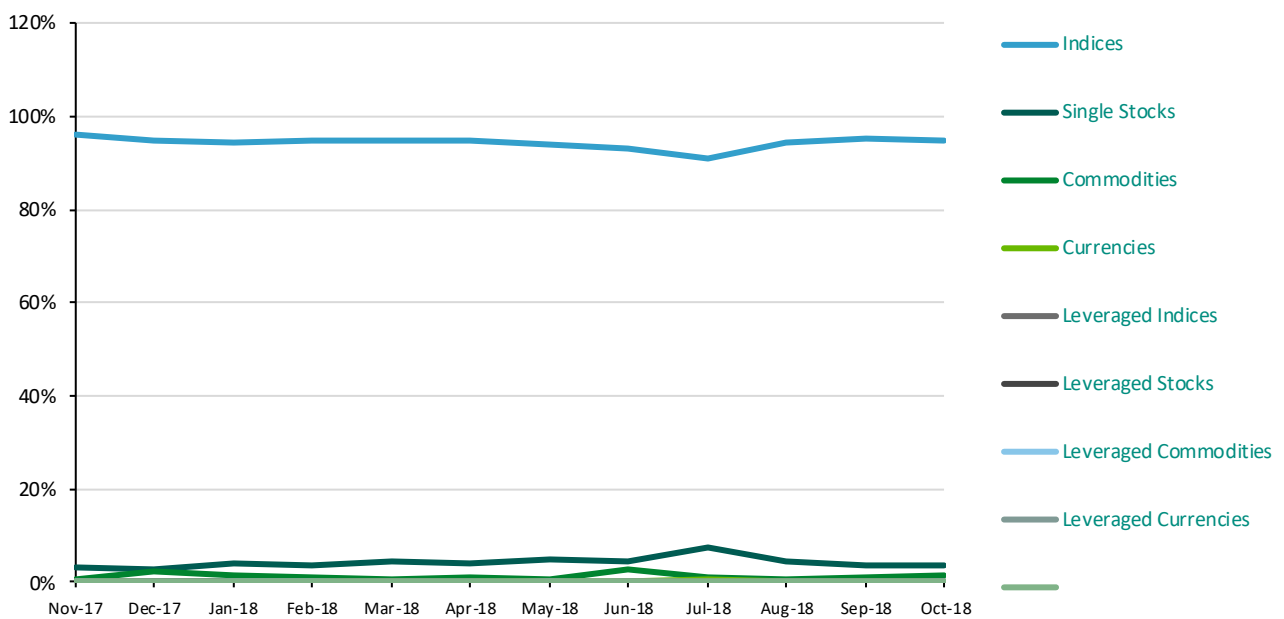




# UNDERLYING TYPES

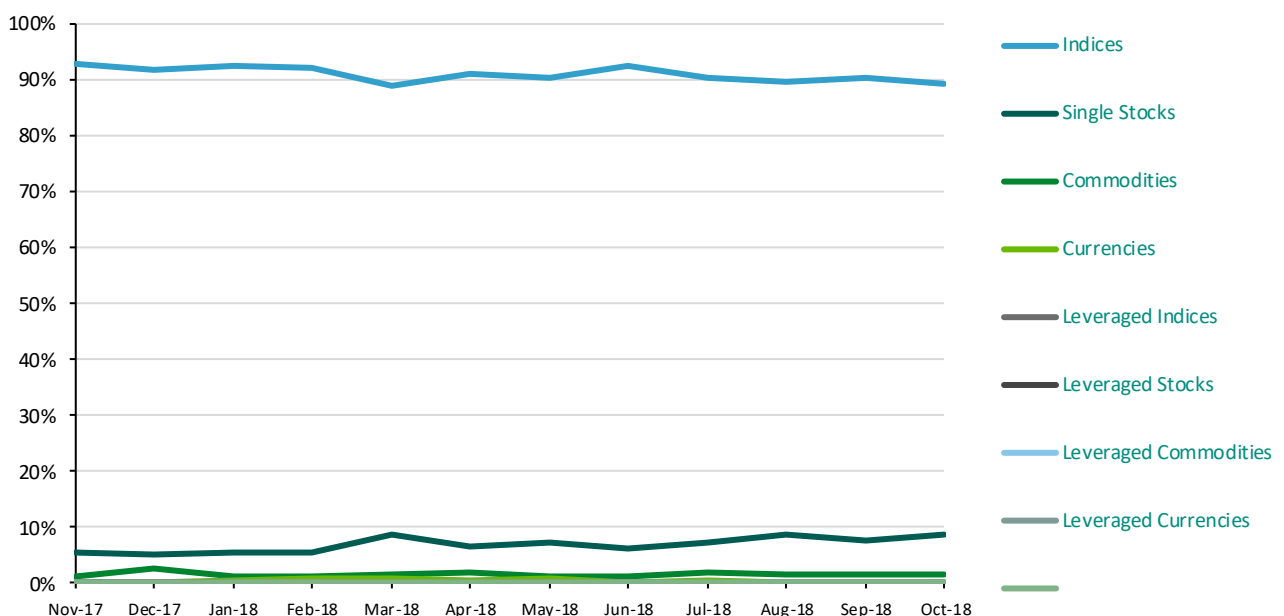
## Market Trend: Value traded

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

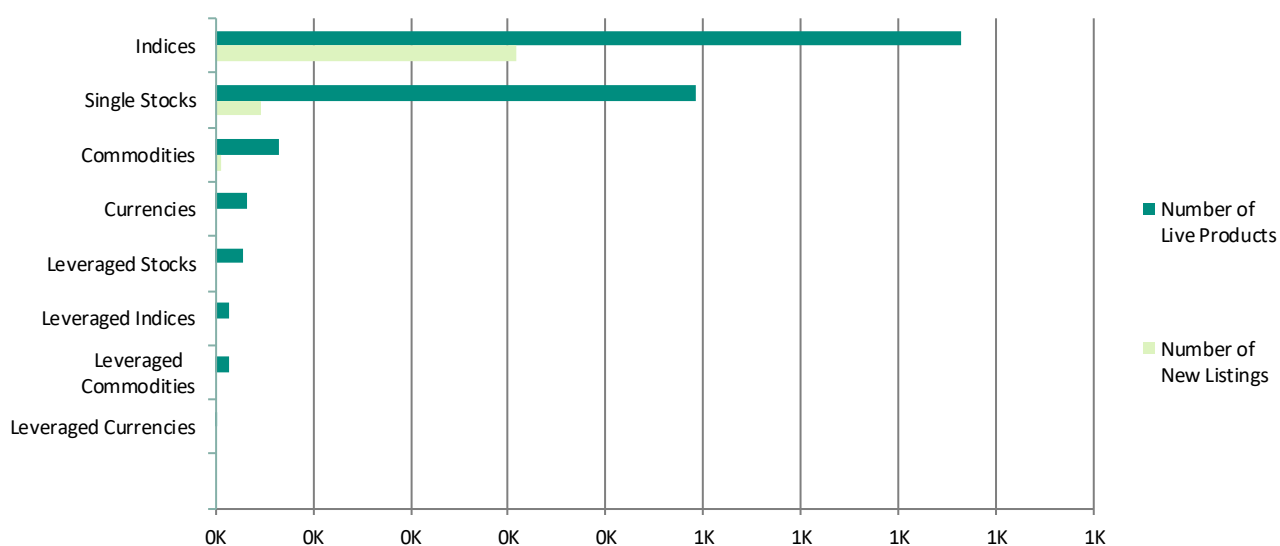
## Product Overview

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	765	-16.6%	-14.6%	54.3%	309	77%	17.4%	85.6%
Single Stocks	491	0.5%	-5.8%	34.8%	47	-56%	-32%	13.0%
Commodities	64	9.0%	25%	4.6%	5	-75%	-39%	1.4%
Currencies	31	6.0%	37%	2.2%	0	-100%	-100%	0.0%
Leveraged Stocks	28	-0.2%	-5.7%	2.0%	0			0.0%
Leveraged Indices	15	-2.0%	-9.5%	1.0%	0			0.0%
Leveraged Commodities	13	-0.3%	-0.4%	0.9%	0			0.0%
Leveraged Currencies	2	0.0%	-24%	0.1%	0			0.0%
	0			0.0%	0			0.0%
<b>Total</b>	<b>1,410</b>	<b>-9.2%</b>	<b>-9.3%</b>	<b>100%</b>	<b>361</b>	<b>13.9%</b>	<b>4.2%</b>	<b>100%</b>

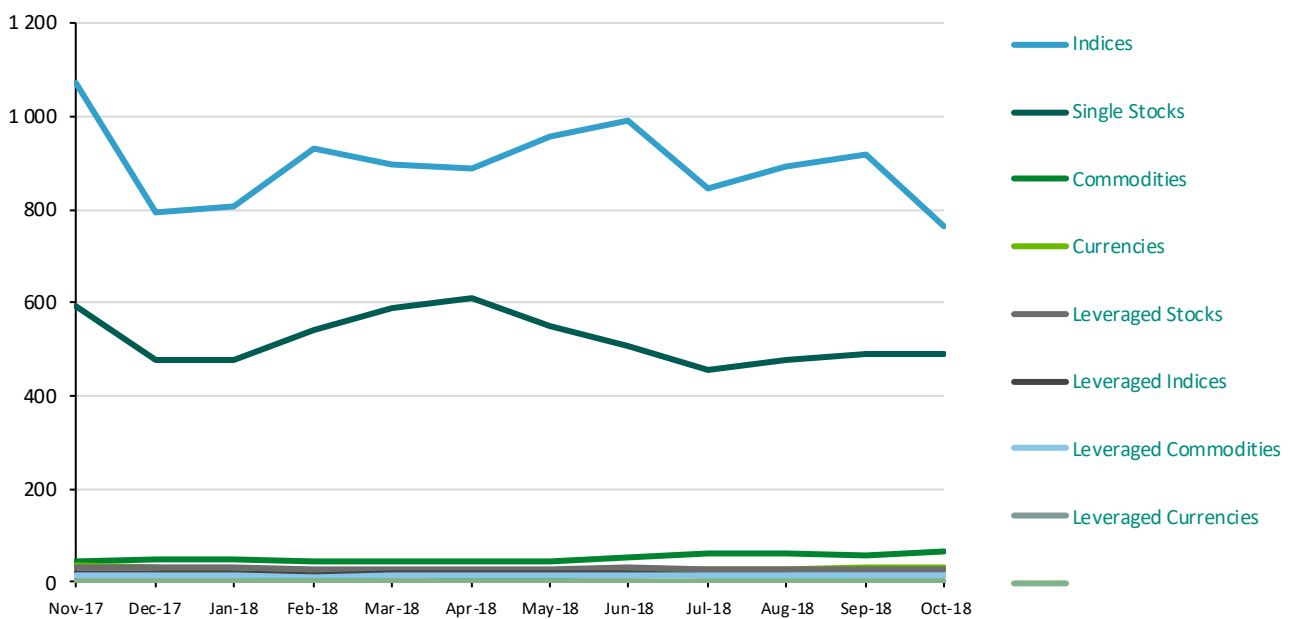
(Source Euronext)



# UNDERLYING TYPES

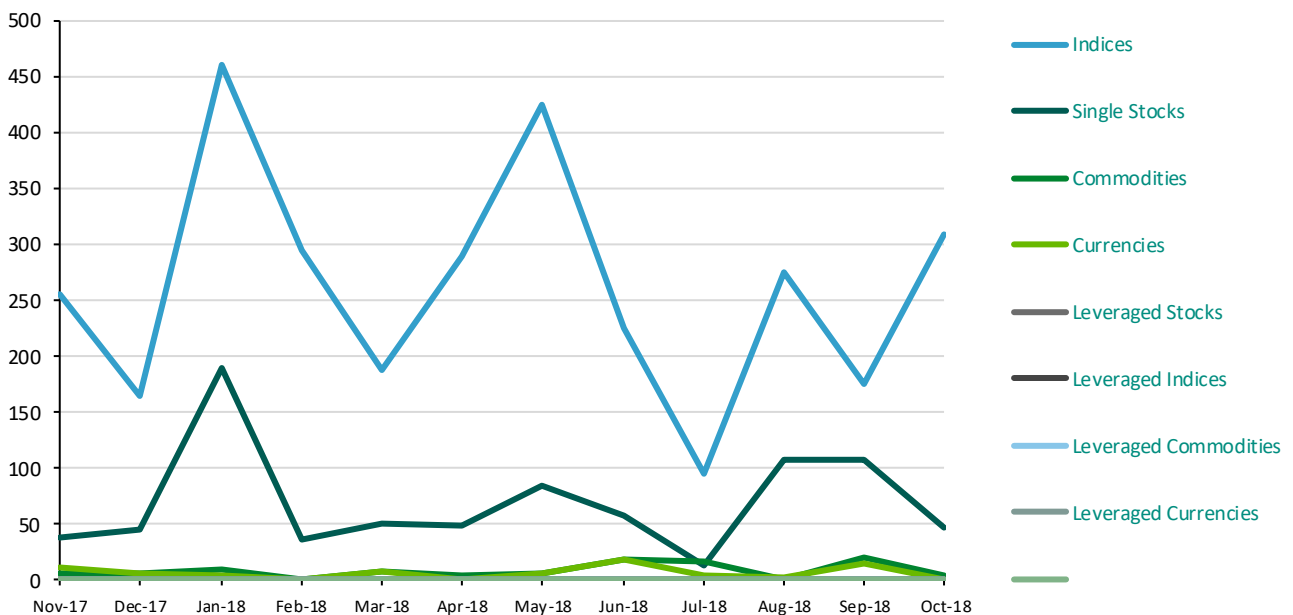
## Product Trend: Number of Live Products

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

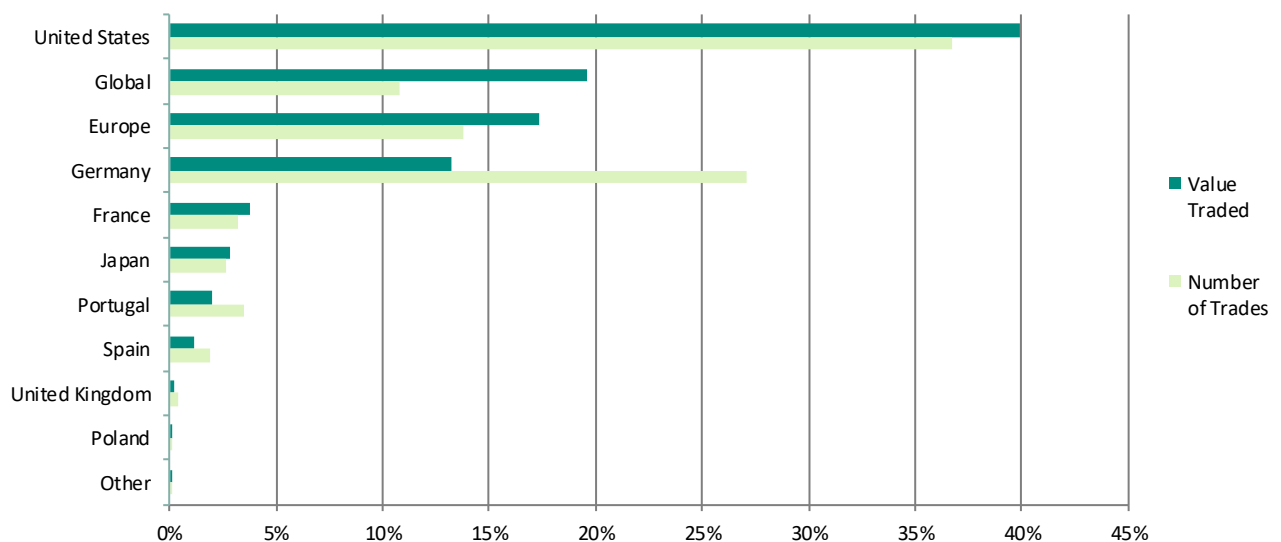
## Market Overview

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	846	-31%	-27%	39.9%	106	-12.9%	-16.2%	36.7%
Global	416	-14.7%	51%	19.6%	31	-22%	0.1%	10.7%
Europe	368	-27%	-49%	17.4%	40	-12.5%	-33%	13.8%
Germany	280	-19.2%	-55%	13.2%	78	-0.1%	-23%	27.1%
France	79	28%	-18.6%	3.7%	9.3	17.2%	-27%	3.2%
Japan	60	-46%	-41%	2.8%	7.7	-22%	-45%	2.7%
Portugal	43	-29%	-49%	2.0%	10	2.9%	-32%	3.5%
Spain	24	-7.1%	-36%	1.1%	5.3	16.6%	-18.5%	1.8%
United Kingdom	5	112%	-62%	0.2%	1.0	150%	-10.4%	0.3%
Poland	0	-62%		0.0%	0.0	-13.0%		0.0%
Other	0		-99%	0.0%	0.0		-86%	0.0%
<b>Total</b>	<b>2,121</b>	<b>-24.9%</b>	<b>-31.8%</b>	<b>100%</b>	<b>288</b>	<b>-9.2%</b>	<b>-21.6%</b>	<b>100%</b>

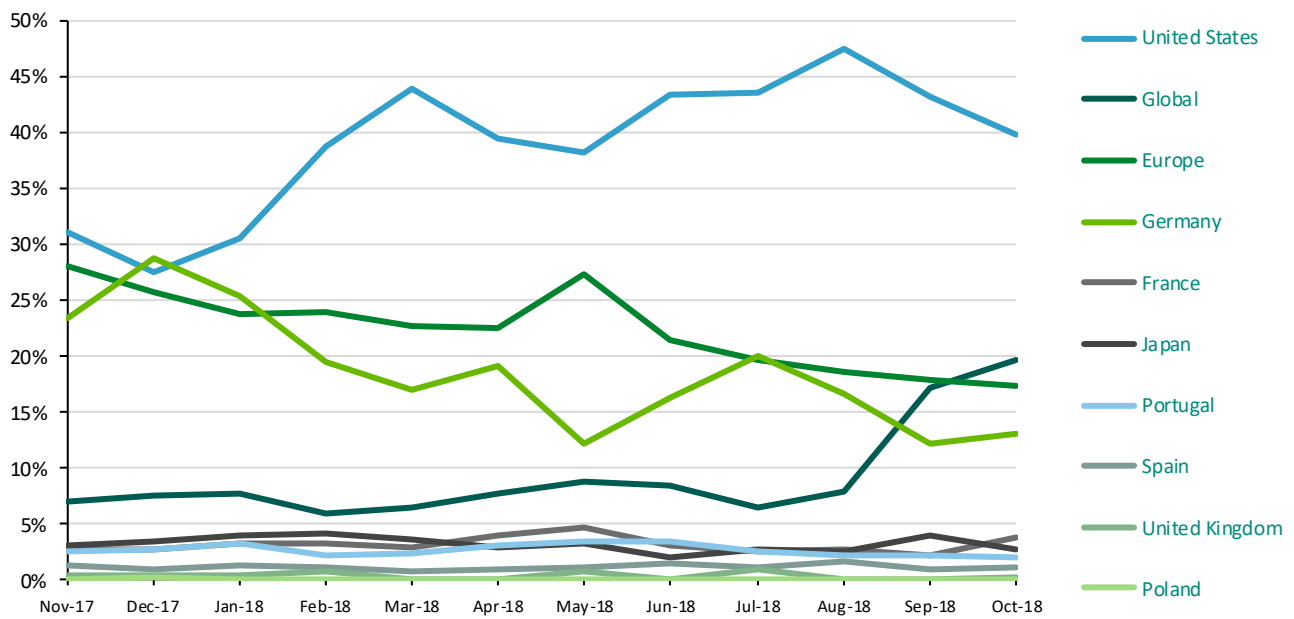
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

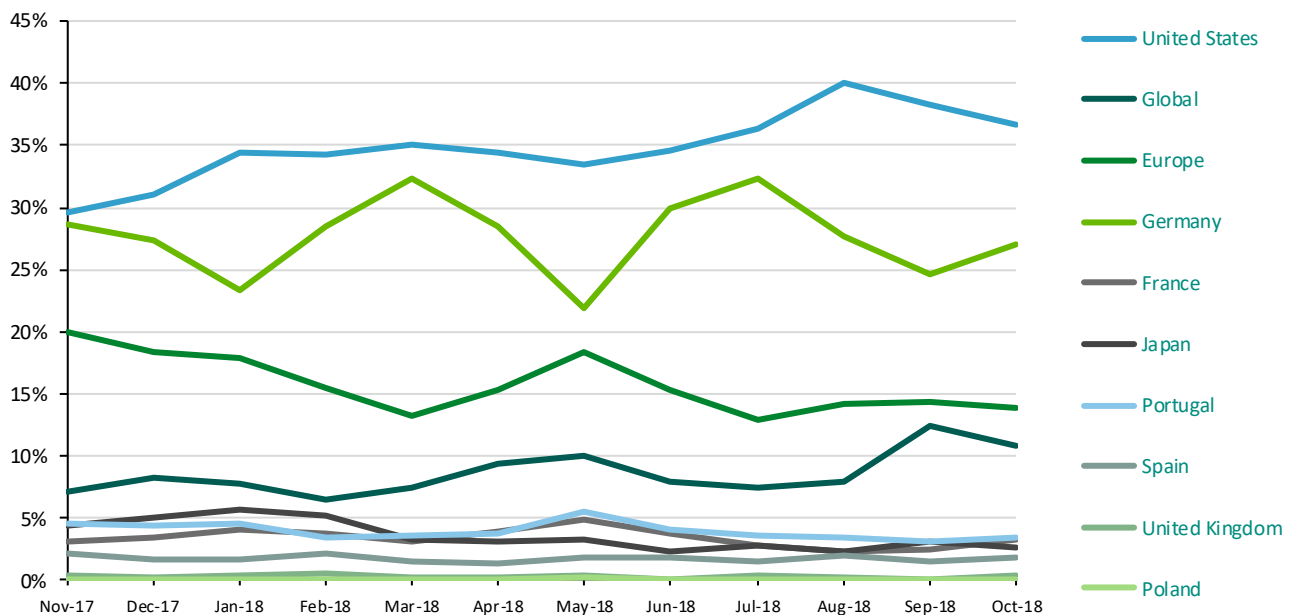
## Market Trend: Value traded

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

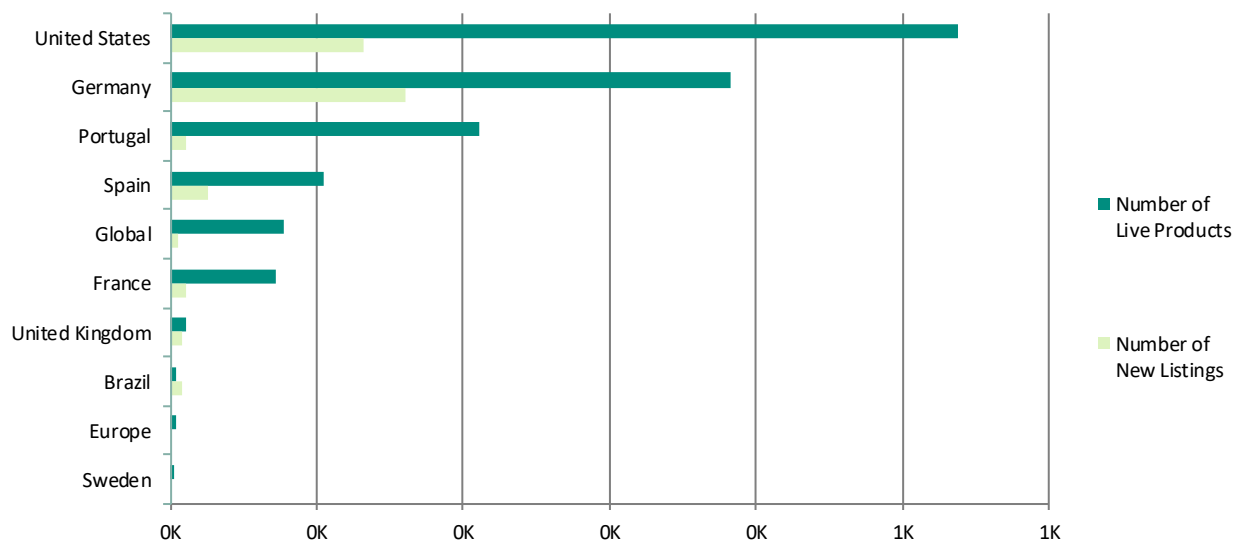
## Product Overview

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	537	-8.7%	-1.0%	38.1%	132	-24%	-8.7%	36.6%
Germany	382	-17.6%	-16.8%	27.1%	161	112%	37%	44.6%
Portugal	211	-2.7%	-14.6%	15.0%	11	267%	-59%	3.0%
Spain	105	-6.0%	-16.8%	7.4%	26	-26%	-17.5%	7.2%
Global	77	7.3%	18.5%	5.5%	5	-75%	-39%	1.4%
France	73	-12.7%	-12.0%	5.1%	10	0.0%	-40%	2.8%
United Kingdom	10	243%	120%	0.7%	8		NA	2.2%
Brazil	4	102%	45%	0.3%	8		NA	2.2%
Europe	4	-38%	-64%	0.3%	0		-100%	0.0%
Sweden	2	0.0%	-45%	0.1%	0			0.0%
Other	4	0.0%	-57%	0.3%	0			0.0%
<b>Total</b>	<b>1,410</b>	<b>-9.2%</b>	<b>-9.3%</b>	<b>100%</b>	<b>361</b>	<b>13.9%</b>	<b>4.2%</b>	<b>100%</b>

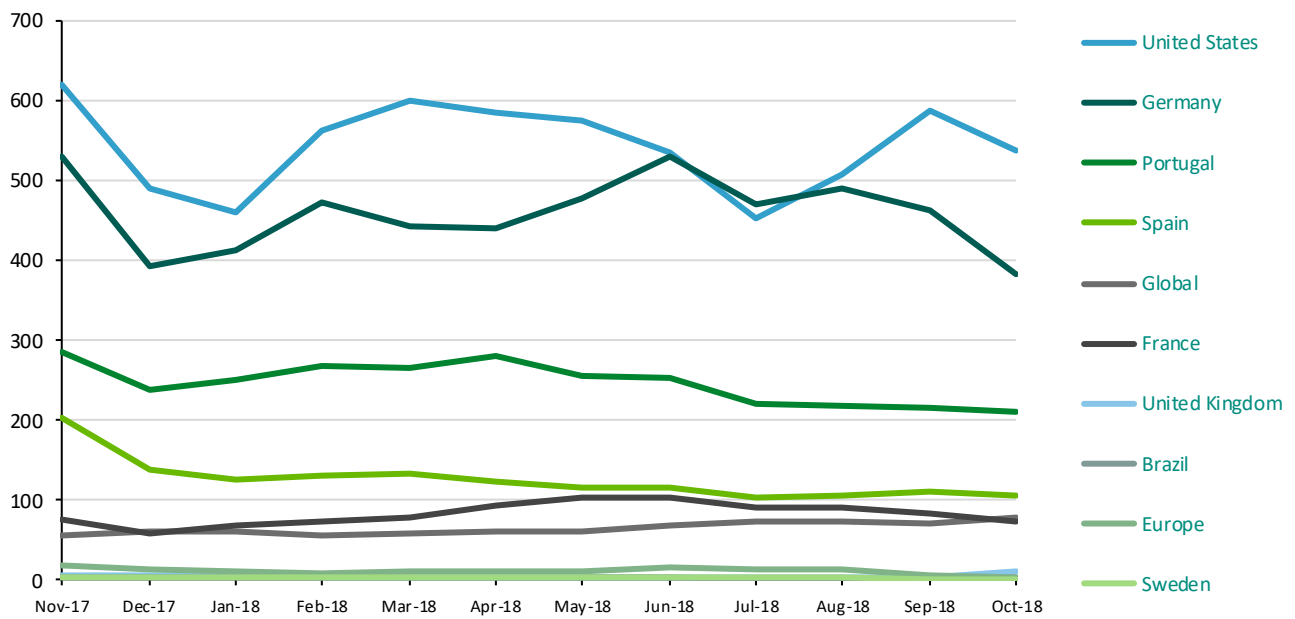
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

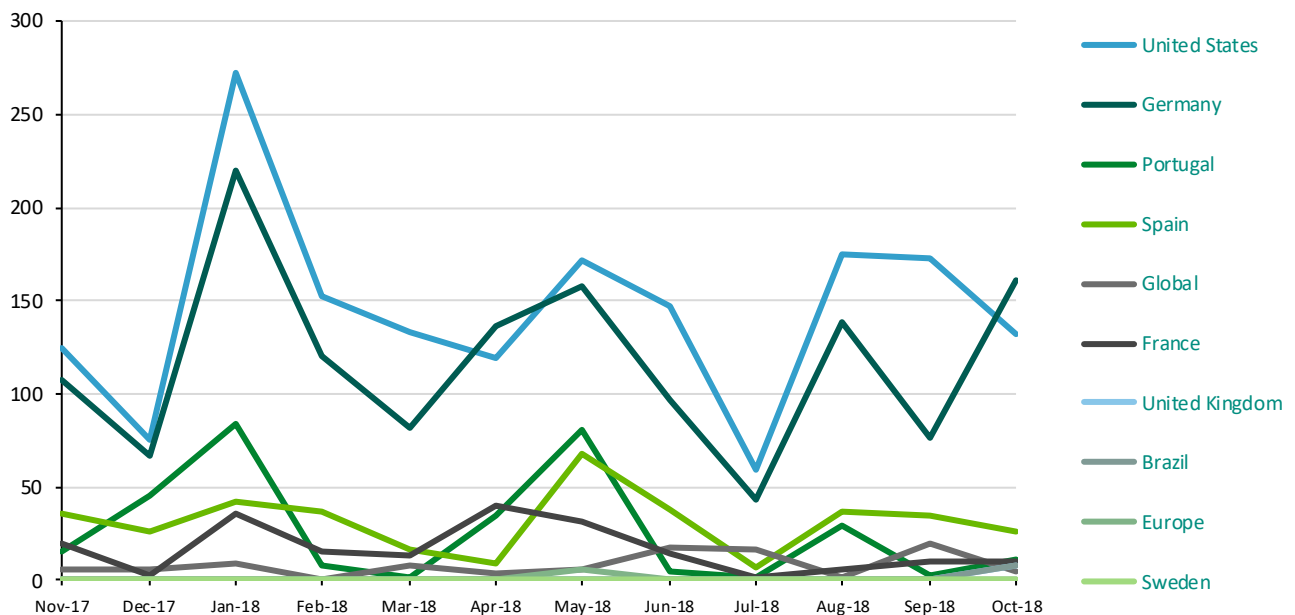
## Product Trend: Number of Live Products

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

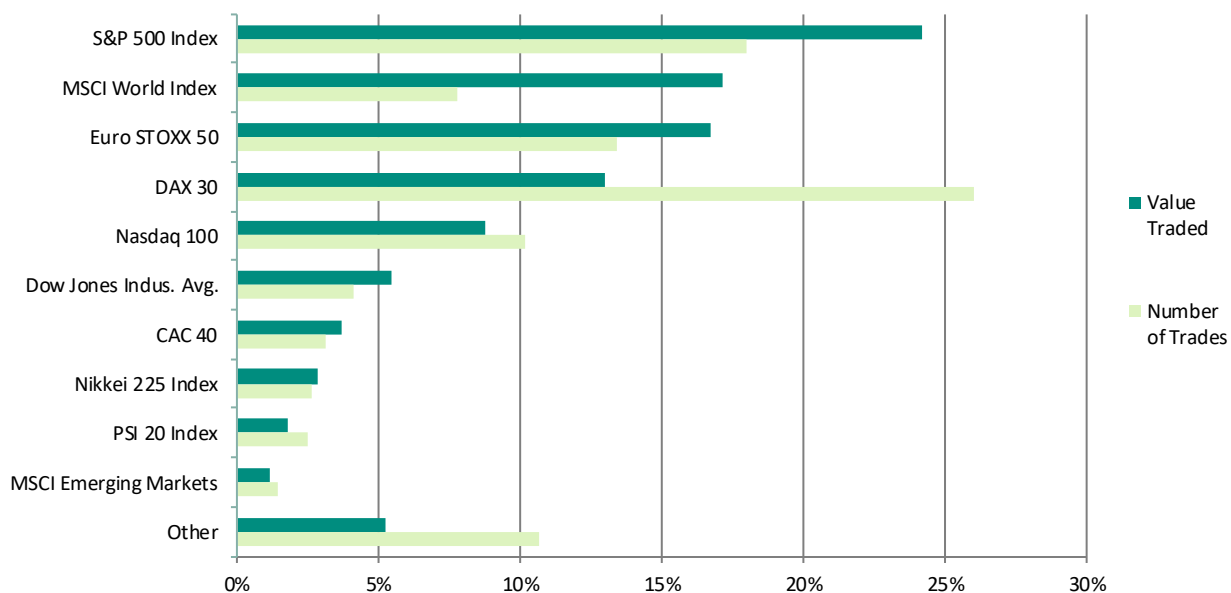
## Market Overview

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
S&P 500 Index	513	-29%	-21%	24.2%	52	-18.2%	-18.4%	18.0%
MSCI World Index	364	-7.5%	106%	17.2%	22	-8.0%	44%	7.8%
Euro STOXX 50	356	-28%	-49%	16.8%	39	-12.7%	-33%	13.4%
DAX 30	276	-18.7%	-55%	13.0%	75	1.0%	-24%	26.1%
Nasdaq 100	186	-44%	-41%	8.8%	29	-12.8%	-18.0%	10.2%
Dow Jones Indus. Avg.	116	-8.7%	-26%	5.4%	12	-7.6%	-35%	4.1%
CAC 40	78	26%	-19.8%	3.7%	9.0	15.4%	-28%	3.1%
Nikkei 225 Index	60	-46%	-41%	2.8%	7.7	-22%	-45%	2.7%
PSI 20 Index	38	-35%	-52%	1.8%	7.2	-11.4%	-39%	2.5%
MSCI Emerging Markets	25	-63%	-58%	1.2%	4.2	-58%	-56%	1.5%
Other	111	-3.3%	-32%	5.2%	31	8.0%	4.0%	10.7%
<b>Total</b>	<b>2,121</b>	<b>-24.9%</b>	<b>-31.8%</b>	<b>100%</b>	<b>288</b>	<b>-9.2%</b>	<b>-21.6%</b>	<b>100%</b>

(Source Euronext)

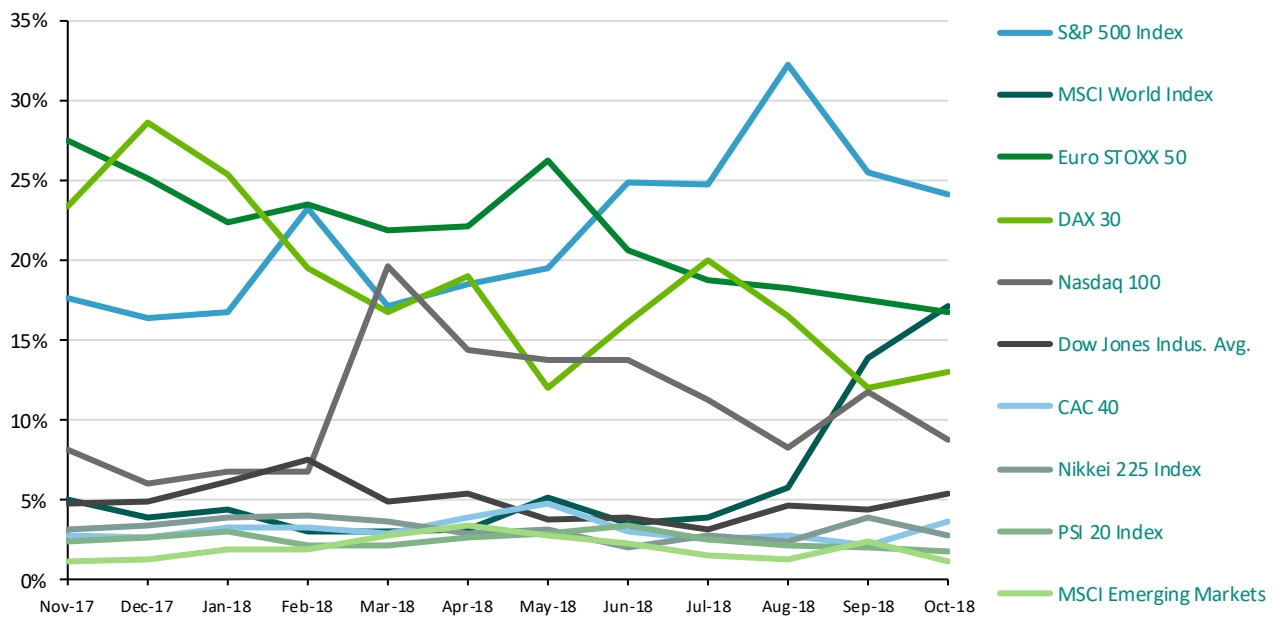




# TOP 10 UNDERLYINGS

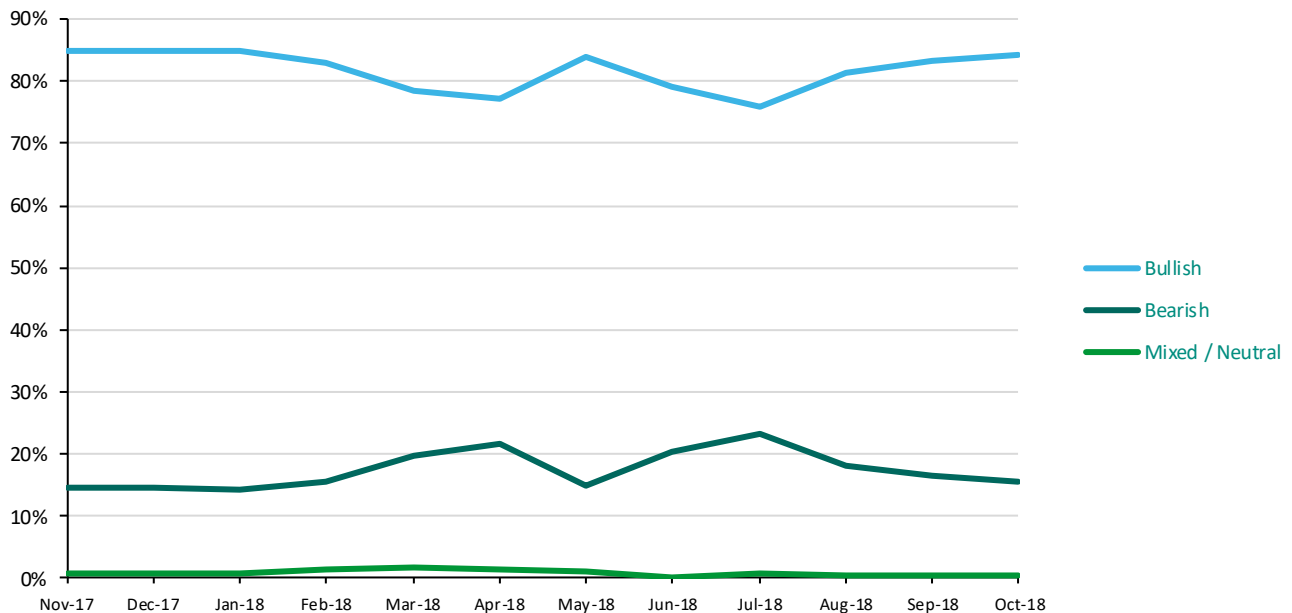
## Market Trend: Value traded

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

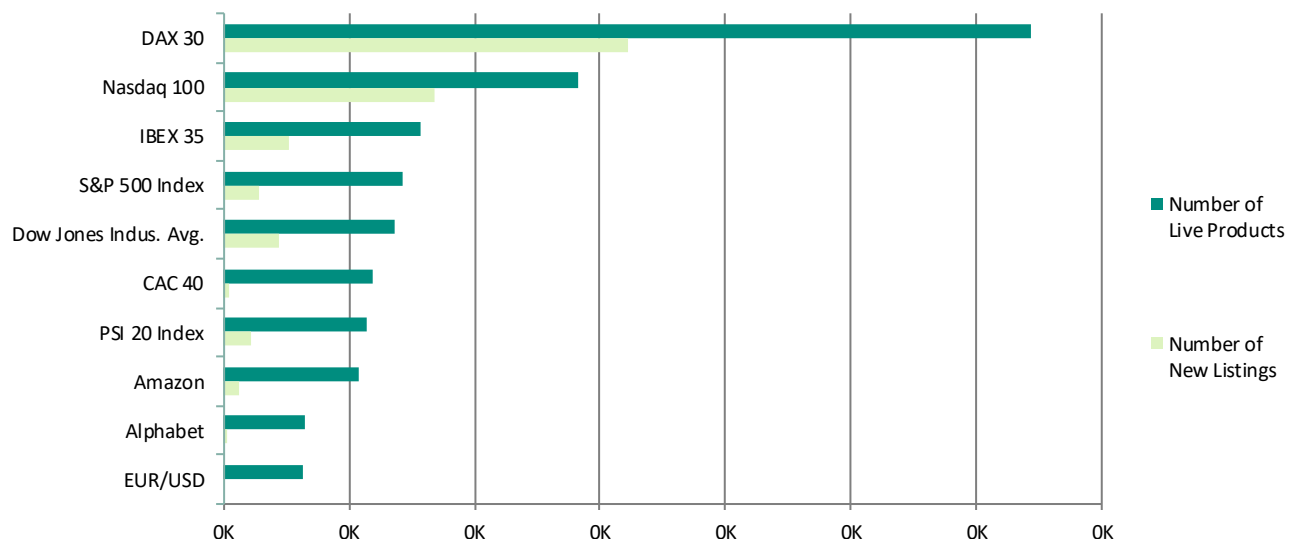
## Product Overview

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	322	-21%	-13.8%	22.8%	161	124%	43%	44.6%
Nasdaq 100	141	-11.5%	-17.1%	10.0%	84	121%	37%	23.3%
IBEX 35	79	-16.4%	-15.6%	5.6%	26	4.0%	-11.1%	7.2%
S&P 500 Index	71	-10.6%	-10.7%	5.1%	14	27%	-27%	3.9%
Dow Jones Indus. Avg.	68	-17.6%	-25%	4.8%	22	47%	-11.1%	6.1%
CAC 40	59	-17.5%	0.3%	4.2%	2	-80%	-87%	0.6%
PSI 20 Index	57	-6.6%	1.8%	4.0%	11	267%	-14.3%	3.0%
Amazon	54	-10.1%	46%	3.8%	6	-82%	-44%	1.7%
Alphabet	32	-14.4%	10.4%	2.3%	1	-94%	-85%	0.3%
EUR/USD	31	6.0%	37%	2.2%	0	-100%	-100%	0.0%
Other	495	5.1%	-8.9%	35.1%	34	-57%	-29%	9.4%
<b>Total</b>	<b>1,410</b>	<b>-9.2%</b>	<b>-9.3%</b>	<b>100%</b>	<b>361</b>	<b>13.9%</b>	<b>4.2%</b>	<b>100%</b>

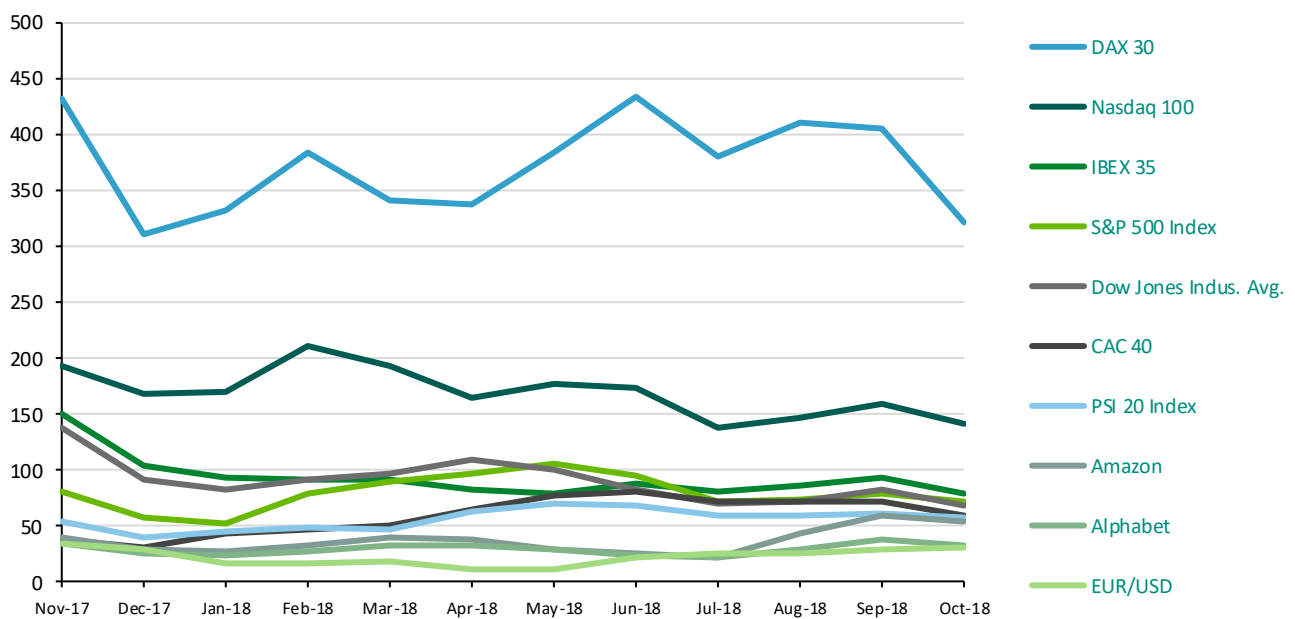
(Source Euronext)



# TOP 10 UNDERLYINGS

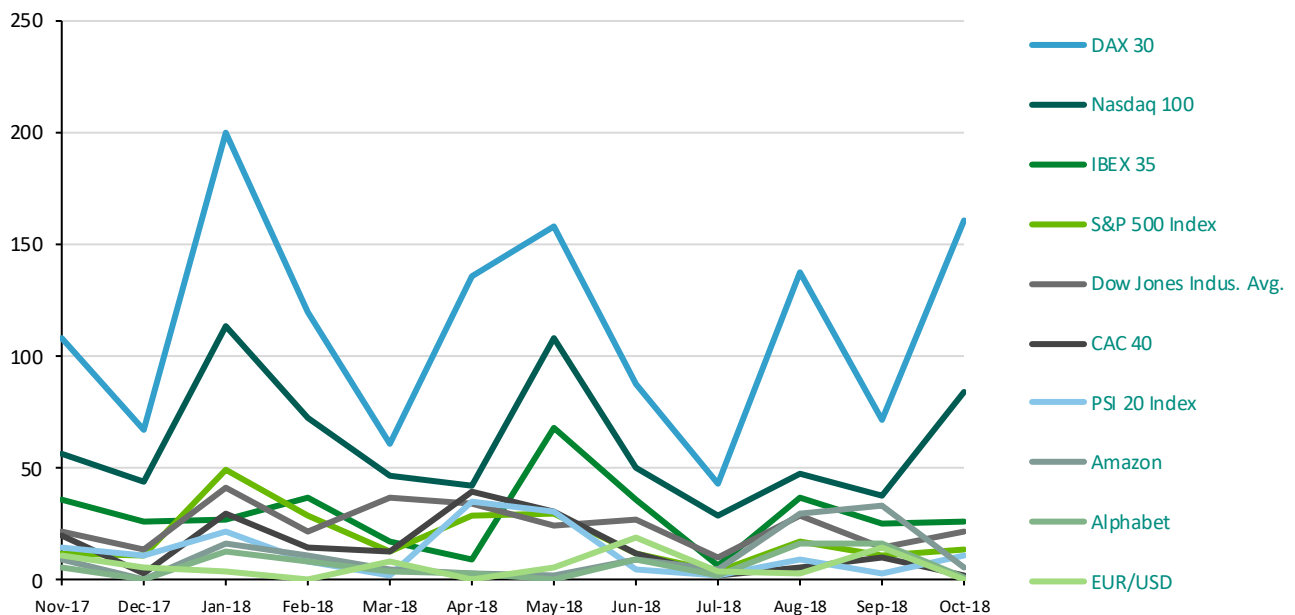
## Product Trend: Number of Live Products

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	
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	16,744	1,030
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	16,363	1,782
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	16,122	1,664
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	6,724	422
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	5,273	530
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	5,011	428
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	3,920	352
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	3,486	352
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	2,762	354
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	1,733	310
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	1,143	194
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	1,003	156
DE000CQ4ESS5	Citi	2100	Warrants	DAX 30	652	118
DE000CA21FH1	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	566	44
DE000CA21FG3	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	549	46
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	490	40
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	476	40
DE000CQ4EYF0	Citi	2200	Knock-Out Warrants	DAX 30	416	172
DE000CA21FB4	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	378	28
DE000CP1CET4	Citi	2200	Knock-Out Warrants	DAX 30	361	70
DE000CA21KQ2	Commerzbank	2200	Knock-Out Warrants	DAX 30	337	126
DE000CJ35EE2	Commerzbank	2200	Knock-Out Warrants	DAX 30	322	98
DE000CJ35GM0	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	320	52
DE000CQ4ESV9	Citi	2100	Warrants	DAX 30	311	70
DE000CQ4EVQ3	Citi	2200	Knock-Out Warrants	Alphabet	279	50
DE000CQ4ER99	Citi	2100	Warrants	DAX 30	277	16
DE000CJ35J98	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	263	32
DE000CQ4EYJ2	Citi	2200	Knock-Out Warrants	DAX 30	252	18
DE000CJ35D94	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	248	62
DE000CV3KT58	Commerzbank	2100	Warrants	Apple Computer Inc.	246	70
DE000CQ3M6P4	Citi	2100	Warrants	DAX 30	244	68
DE000CV3LWG2	Commerzbank	2200	Knock-Out Warrants	Gold	238	34
DE000CP1CEY4	Citi	2200	Knock-Out Warrants	DAX 30	235	38
DE000CJ35GH0	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	232	28
DE000CJ35GS7	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	226	40
DE000CA21GL1	Commerzbank	2200	Knock-Out Warrants	DAX 30	221	70
DE000CP1CF41	Citi	2200	Knock-Out Warrants	DAX 30	204	32
DE000CJ35FY7	Commerzbank	2200	Knock-Out Warrants	DAX 30	204	78
DE000CQ4EVW1	Citi	2200	Knock-Out Warrants	Amazon	202	30
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	199	42
DE000CJ35C46	Commerzbank	2200	Knock-Out Warrants	DAX 30	193	72
DE000CJ35D78	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	183	24
DE000CQ4EV69	Citi	2200	Knock-Out Warrants	Facebook Inc	174	42
DE000CQ4D6D0	Citi	2100	Warrants	S&P 500 Index	171	44
DE000CQ4EUE1	Citi	2200	Knock-Out Warrants	DAX 30	163	60
DE000CQ4EUV5	Citi	2200	Knock-Out Warrants	DAX 30	162	40
DE000CJ35GF4	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	160	12
PTBCPLYM0043	BCP	1300	Tracker Certificates	Silver	157	6
DE000CV3KPX3	Commerzbank	2100	Warrants	ALTRI	142	42
DE000CQ4EUH4	Citi	2200	Knock-Out Warrants	DAX 30	139	30

(Source Euronext)



Euronext Paris

# ISSUERS

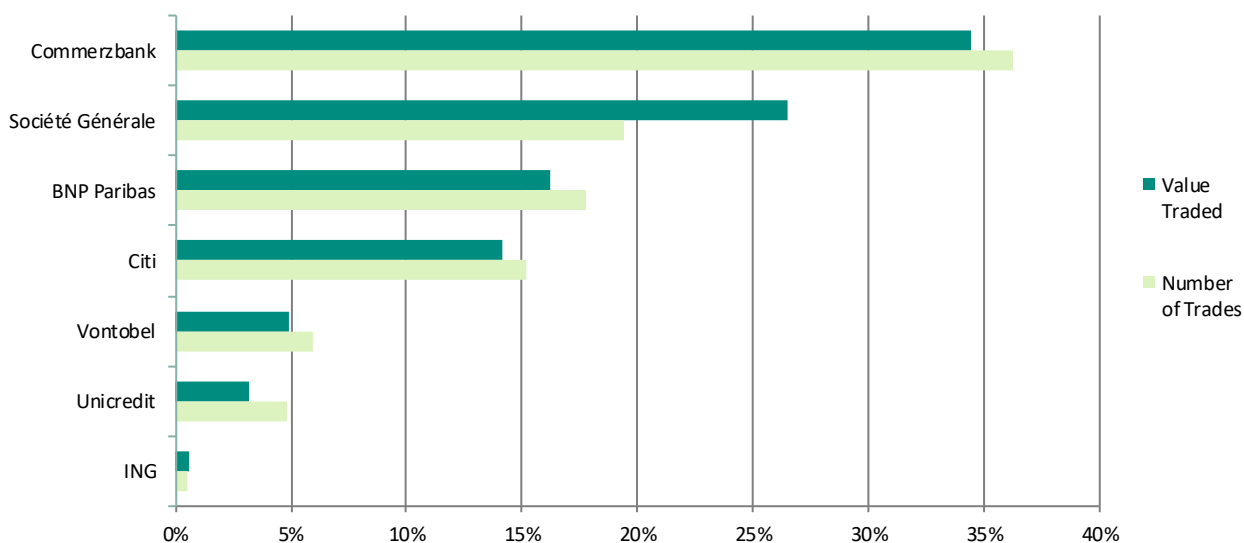
## Market Overview

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	5,661	44%	31%	34.4%	2,273	34.9%	37.9%	36.3%
Société Générale	4,356	100%	60%	26.5%	1,218	60.5%	42.9%	19.4%
BNP Paribas	2,668	53%	-18.8%	16.2%	1,112	62.8%	29.9%	17.8%
Citi	2,325	17.3%	32%	14.1%	954	-4.7%	15.3%	15.2%
Vontobel	805	52%	84%	4.9%	371	35.7%	65.1%	5.9%
Unicredit	528	-9.0%	49%	3.2%	303	19.4%	73.3%	4.8%
ING	92	52%	24%	0.6%	32	18.2%	0.0%	0.5%
<b>Total</b>	<b>16,435</b>	<b>49.3%</b>	<b>26.7%</b>	<b>100%</b>	<b>6,261</b>	<b>33.8%</b>	<b>35.7%</b>	<b>100%</b>

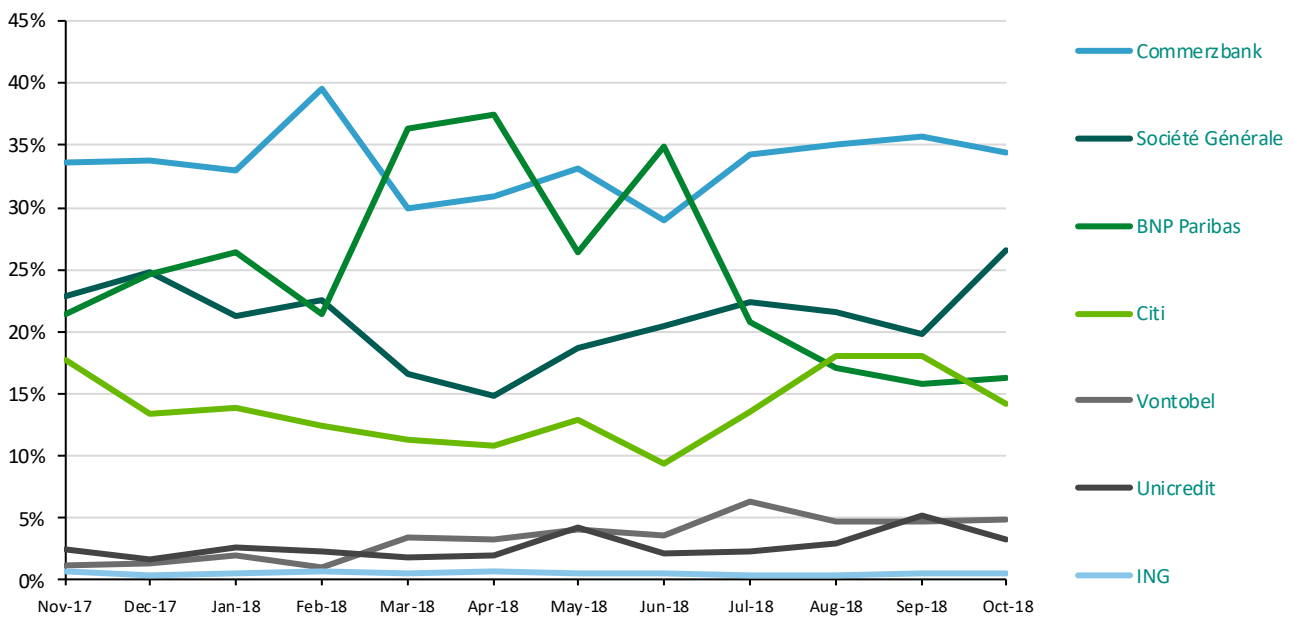
(Source Euronext)



# ISSUERS

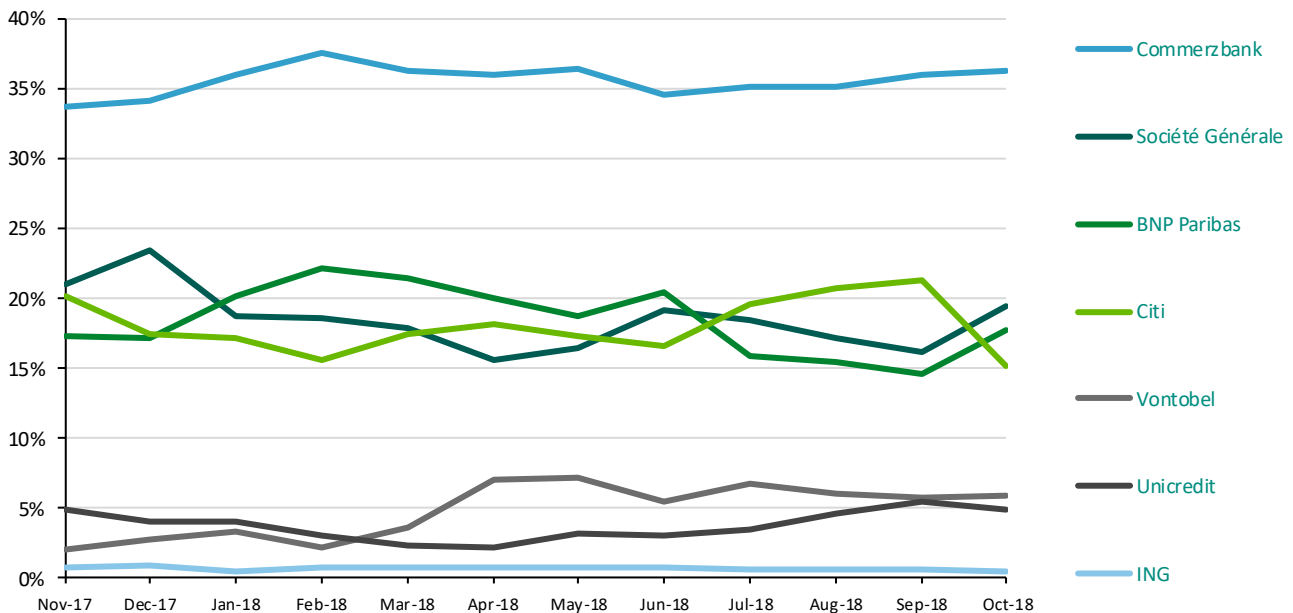
## Market Trend: Value traded

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

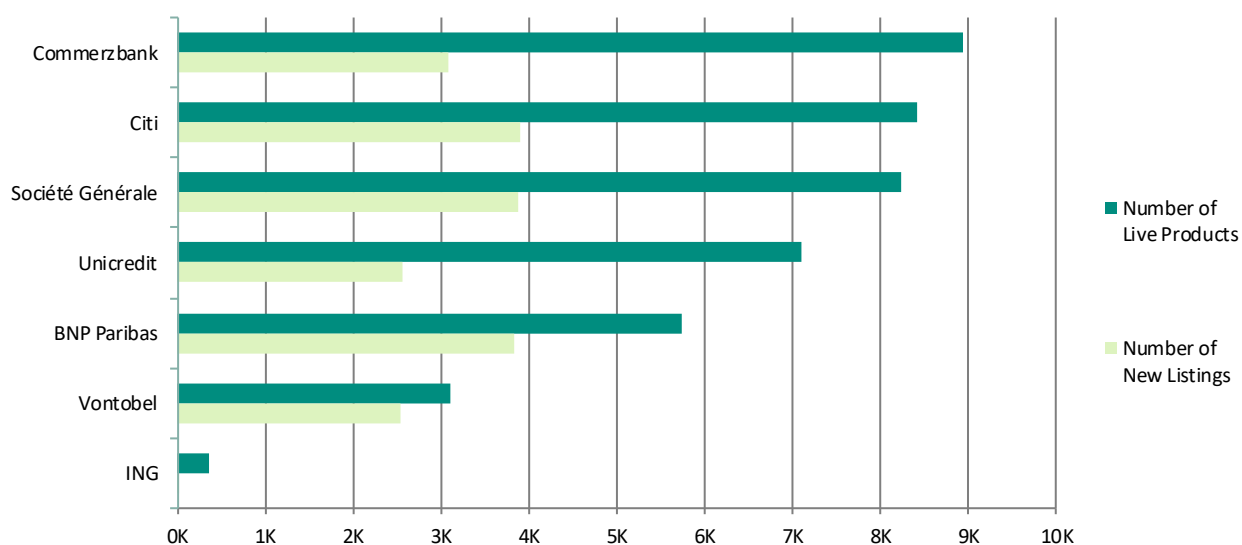
## Product Overview

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
Commerzbank	8,935	-1.9%	11.8%	21.3%	3,073	77%	76%	15.5%
Citi	8,432	-8.5%	-3.0%	20.1%	3,904	100%	49%	19.7%
Société Générale	8,238	-2.3%	-0.3%	19.7%	3,886	42%	91%	19.6%
Unicredit	7,103	-3.8%	14.5%	17.0%	2,552	92%	84%	12.9%
BNP Paribas	5,738	-11.2%	-5.8%	13.7%	3,837	145%	116%	19.4%
Vontobel	3,099	1.6%	2.3%	7.4%	2,542	148%	88%	12.8%
ING	360	-3.5%	-9.5%	0.9%	11	-31%	-59%	0.1%
Total	41,906	-4.8%	3.1%	100%	19,805	91.1%	80.8%	100%

(Source Euronext)

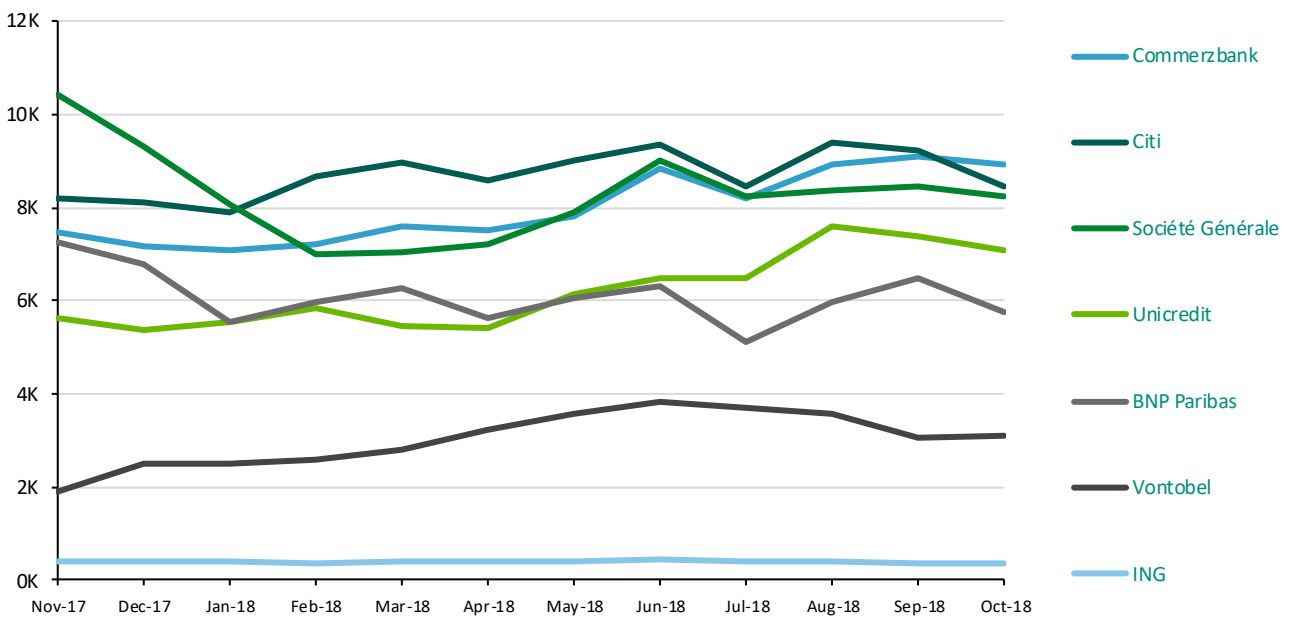




# ISSUERS

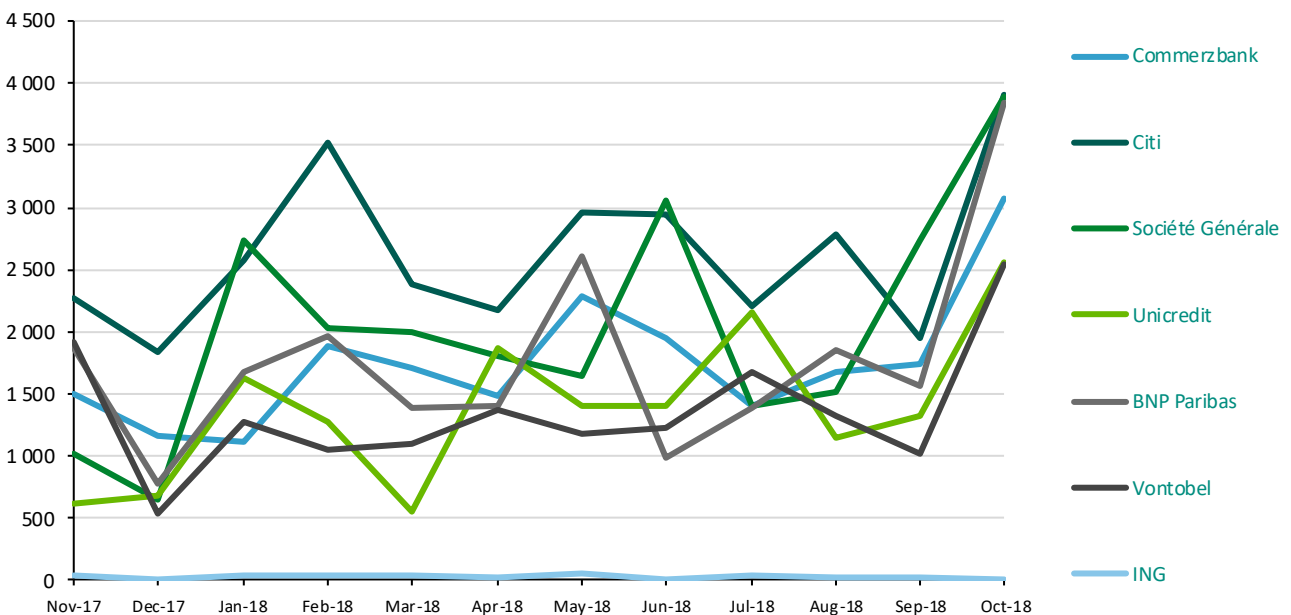
## Product Trend: Number of Live Products

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

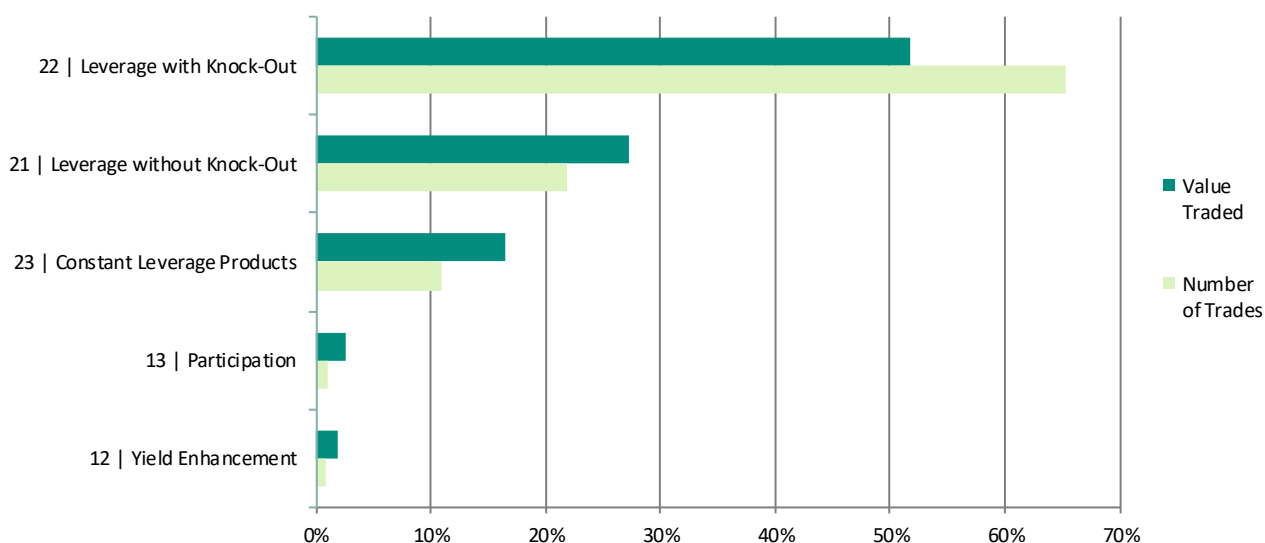
### Market Overview

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	8,506	39%	24%	51.8%	4,086	29%	37%	65.3%
21   Leverage without Knock-Out	4,466	73%	26%	27.2%	1,373	38%	29%	21.9%
23   Constant Leverage Products	2,717	55%	44%	16.5%	685	58%	47%	10.9%
13   Participation	430	46%	29%	2.6%	66	44%	65%	1.1%
12   Yield Enhancement	316	16.0%	-11.0%	1.9%	51	-1.2%	-22%	0.8%
<b>Total</b>	<b>16,435</b>	<b>49.3%</b>	<b>26.7%</b>	<b>100%</b>	<b>6,261</b>	<b>33.8%</b>	<b>35.7%</b>	<b>100%</b>

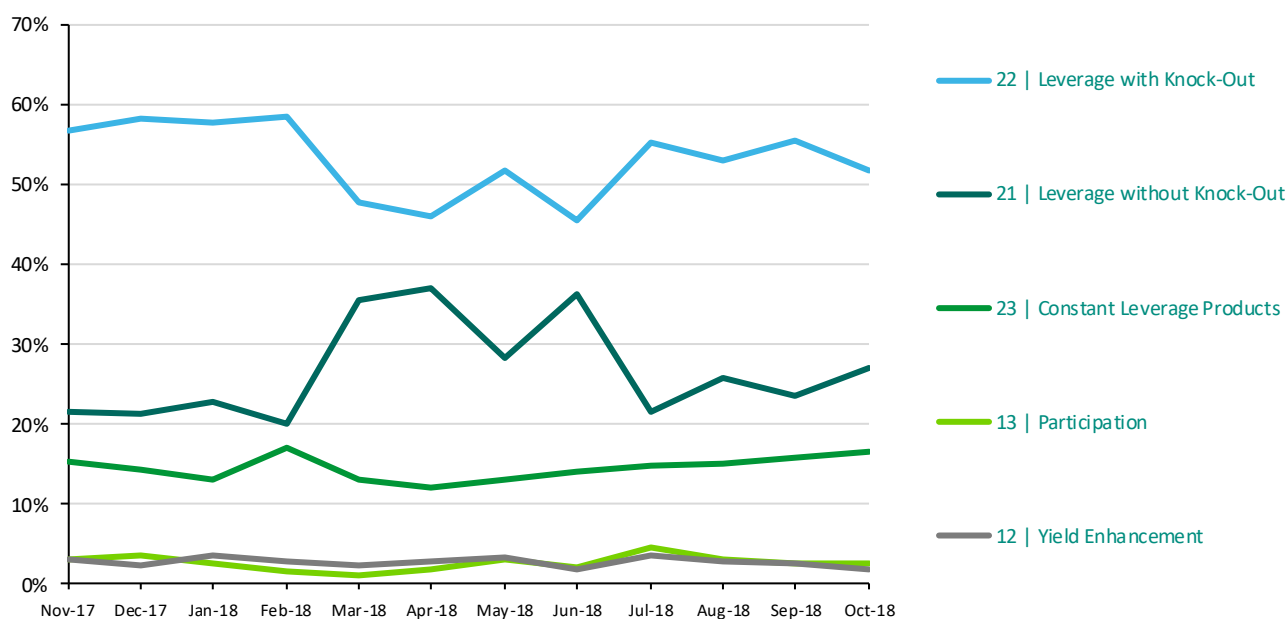
(Source Euronext)



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

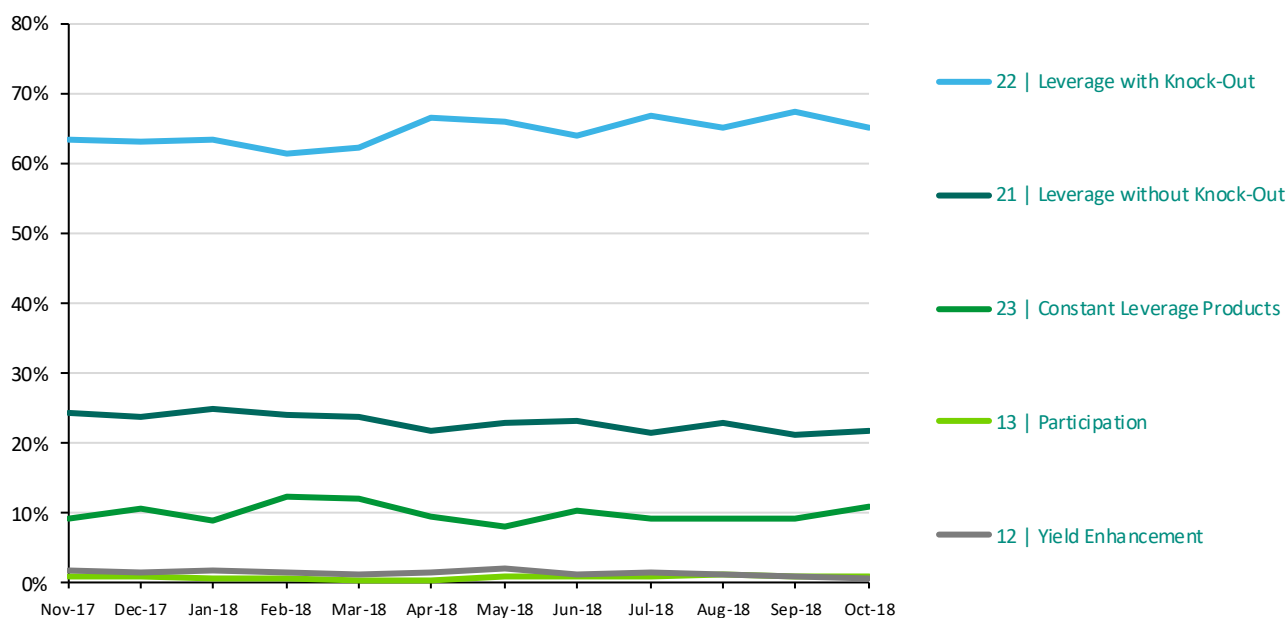
## Market Trend: Value traded

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

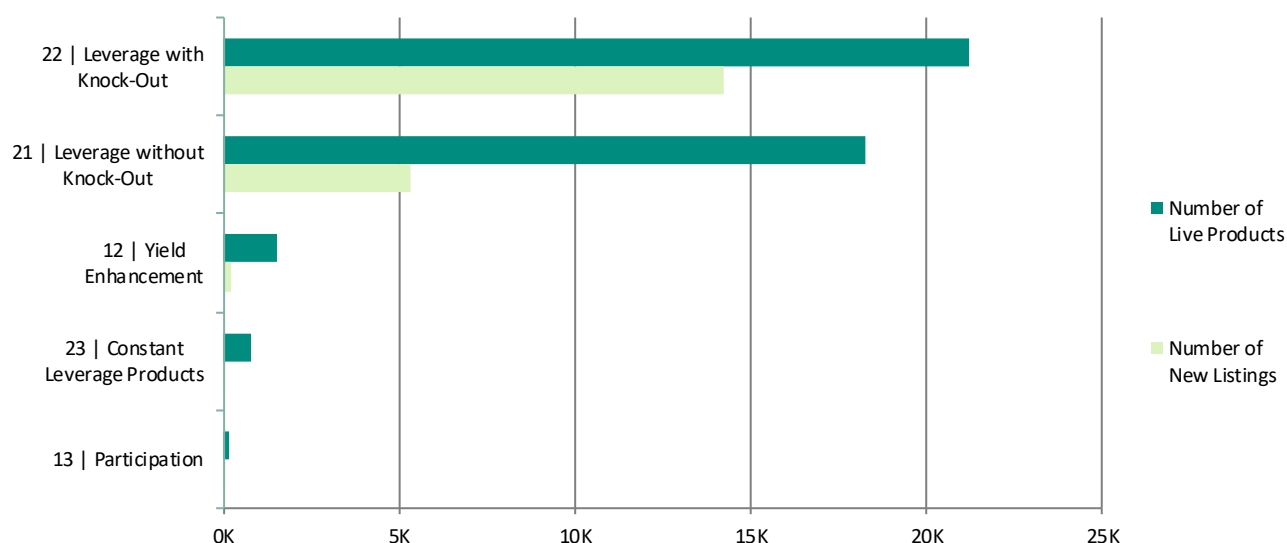
### Product Overview

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	21,205	-2.9%	4.0%	50.6%	14,225	90%	91%	71.8%
21   Leverage without Knock-Out	18,256	-7.9%	1.0%	43.6%	5,332	107%	62%	26.9%
12   Yield Enhancement	1,533	6.8%	15.6%	3.7%	204	-28%	13.9%	1.0%
23   Constant Leverage Products	758	-1.8%	3.9%	1.8%	11		3.1%	0.1%
13   Participation	155	1.8%	6.2%	0.4%	33	NA	371%	0.2%
<b>Total</b>	<b>41,906</b>	<b>-4.8%</b>	<b>3.1%</b>	<b>100%</b>	<b>19,805</b>	<b>91.1%</b>	<b>80.8%</b>	<b>100%</b>

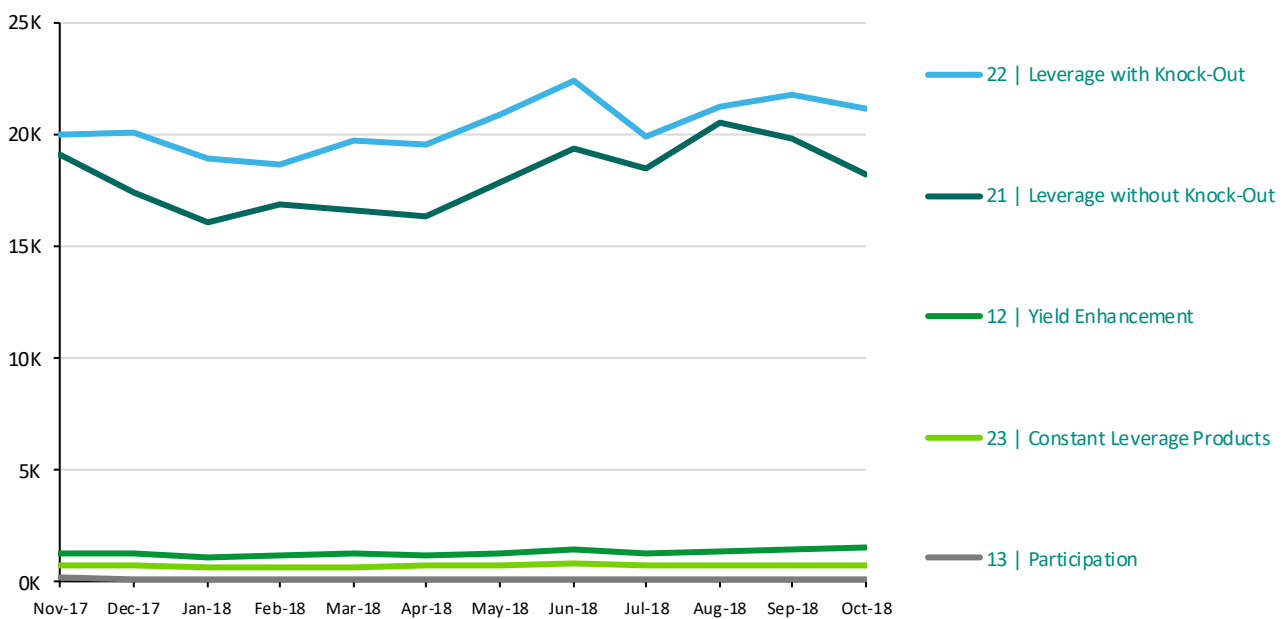
(Source Euronext)



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

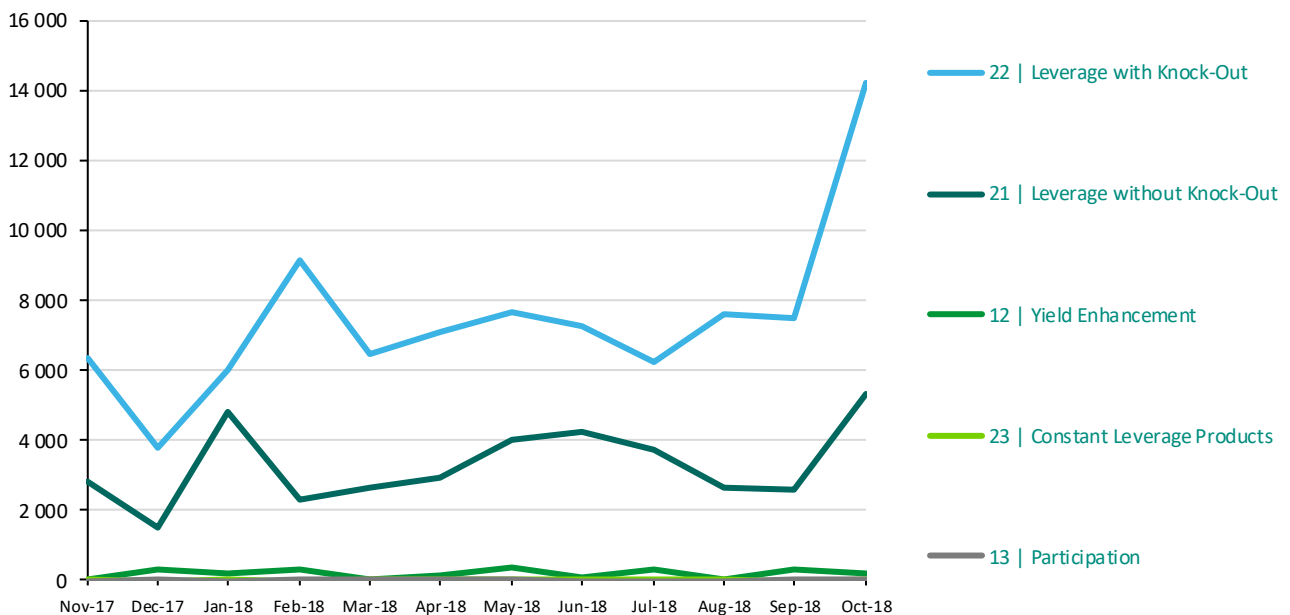
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

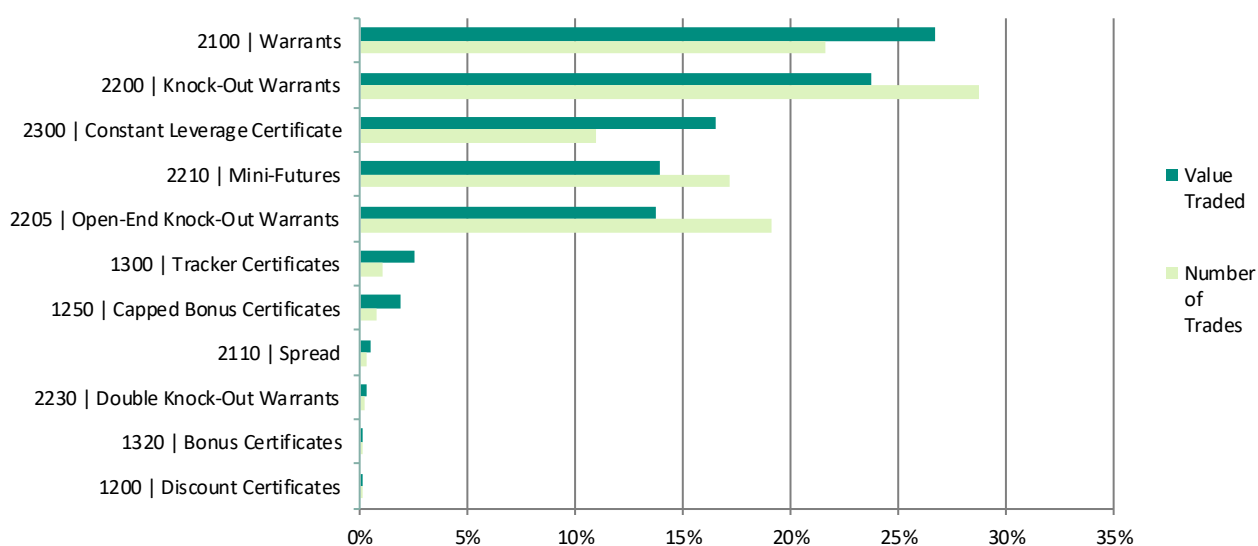
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2100   Warrants	4,390	72%	25%	26.7%	1,353	39%	29%	21.6%
2200   Knock-Out Warrants	3,909	63%	40%	23.8%	1,799	51%	49%	28.7%
2300   Constant Leverage Certificate	2,717	55%	44%	16.5%	685	58%	47%	10.9%
2210   Mini-Futures	2,285	21%	15.5%	13.9%	1,075	8.5%	29%	17.2%
2205   Open-End Knock-Out Warrants	2,268	25%	15.0%	13.8%	1,196	23%	30%	19.1%
1300   Tracker Certificates	424	45%	29%	2.6%	66	45%	65%	1.0%
1250   Capped Bonus Certificates	316	16.2%	-10.7%	1.9%	51	-0.9%	-22%	0.8%
2110   Spread	76	134%	182%	0.5%	20	22%	77%	0.3%
2230   Double Knock-Out Warrants	45	NA	-65%	0.3%	15	NA	-26%	0.2%
1320   Bonus Certificates	6	125%	43%	0.0%	0.6	-25%	23%	0.0%
1200   Discount Certificates	0	-69%	-88%	0.0%	0.1	-65%	-80%	0.0%
<b>Total</b>	<b>16,435</b>	<b>49.3%</b>	<b>26.7%</b>	<b>100%</b>	<b>6,261</b>	<b>33.8%</b>	<b>35.7%</b>	<b>100%</b>

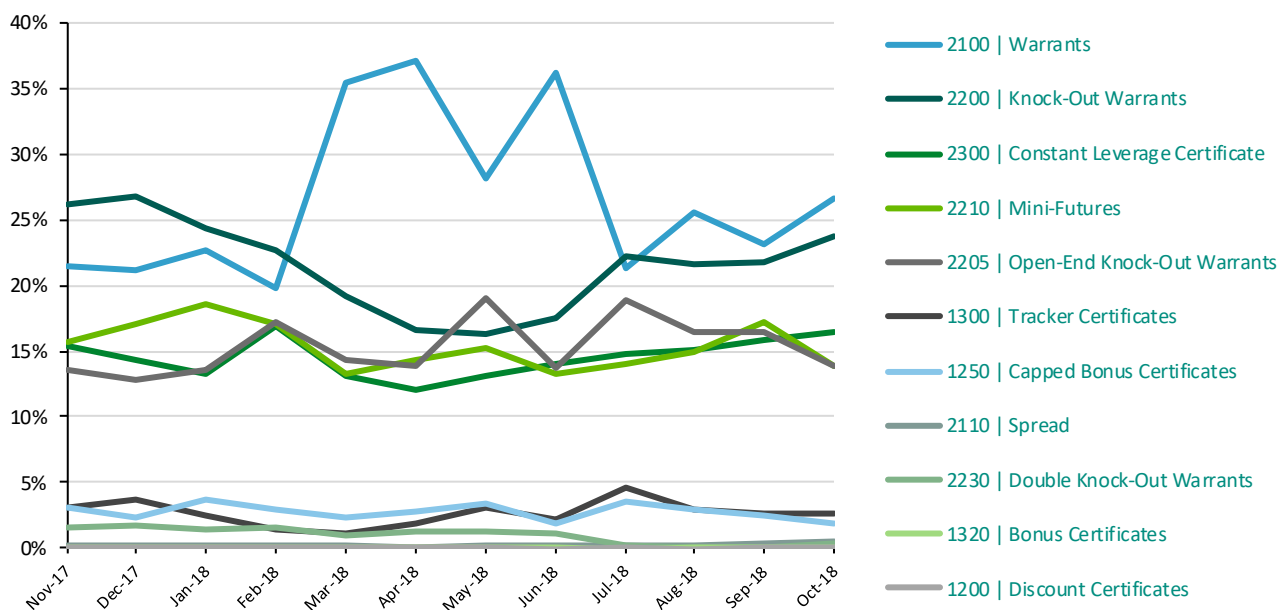
(Source Euronext)



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

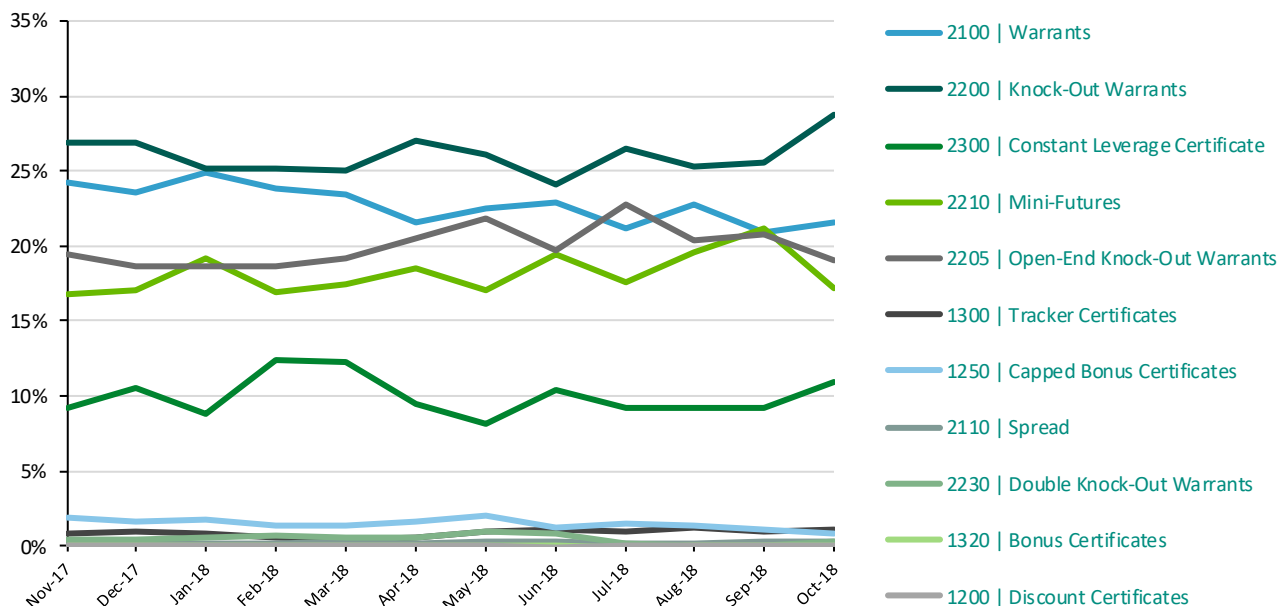
## Market Trend: Value traded

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

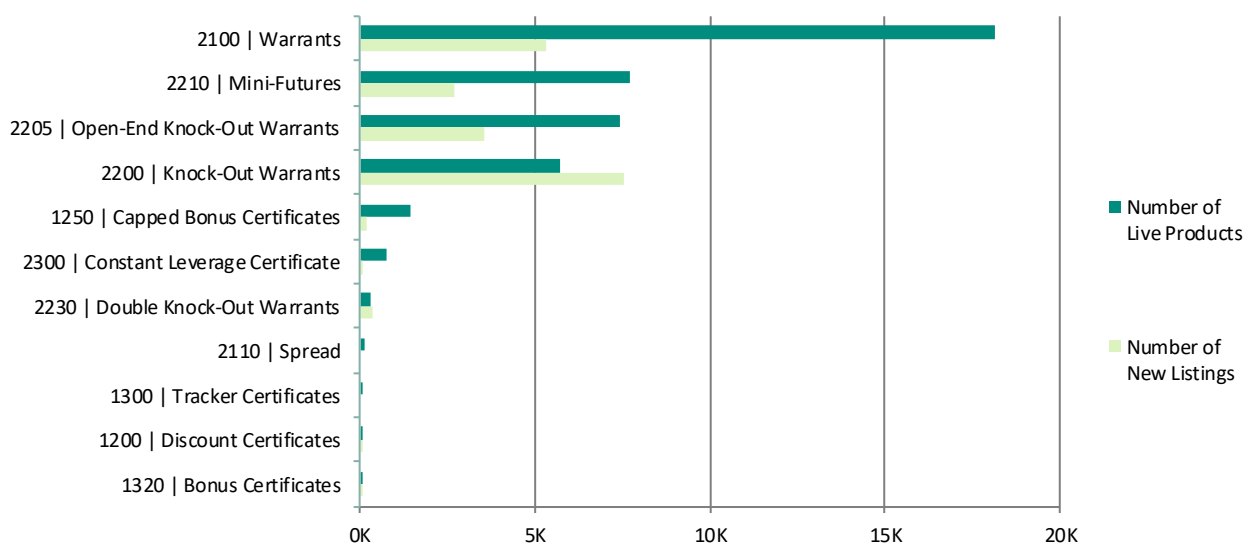
## Product Overview

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	18,137	-7.8%	0.9%	43.3%	5,332	107%	62%	26.9%
2210   Mini-Futures	7,724	-1.2%	0.7%	18.4%	2,706	88%	77%	13.7%
2205   Open-End Knock-Out Warrants	7,433	0.6%	6.0%	17.7%	3,586	95%	97%	18.1%
2200   Knock-Out Warrants	5,740	-11.9%	6.7%	13.7%	7,556	79%	89%	38.2%
1250   Capped Bonus Certificates	1,468	6.8%	16.0%	3.5%	179	-37%	4.8%	0.9%
2300   Constant Leverage Certificate	758	-1.8%	3.9%	1.8%	11		3.1%	0.1%
2230   Double Knock-Out Warrants	308	148%	-5.6%	0.7%	377		240%	1.9%
2110   Spread	119	-15.1%	24%	0.3%	0	-100%	-100%	0.0%
1300   Tracker Certificates	98	0.4%	-0.9%	0.2%	0	-100%	-100%	0.0%
1200   Discount Certificates	64	7.2%	6.0%	0.2%	25		203%	0.1%
1320   Bonus Certificates	57	4.3%	21%	0.1%	33		482%	0.2%
<b>Total</b>	<b>41,906</b>	<b>-4.8%</b>	<b>3.1%</b>	<b>100%</b>	<b>19,805</b>	<b>91.1%</b>	<b>80.8%</b>	<b>100%</b>

(Source Euronext)

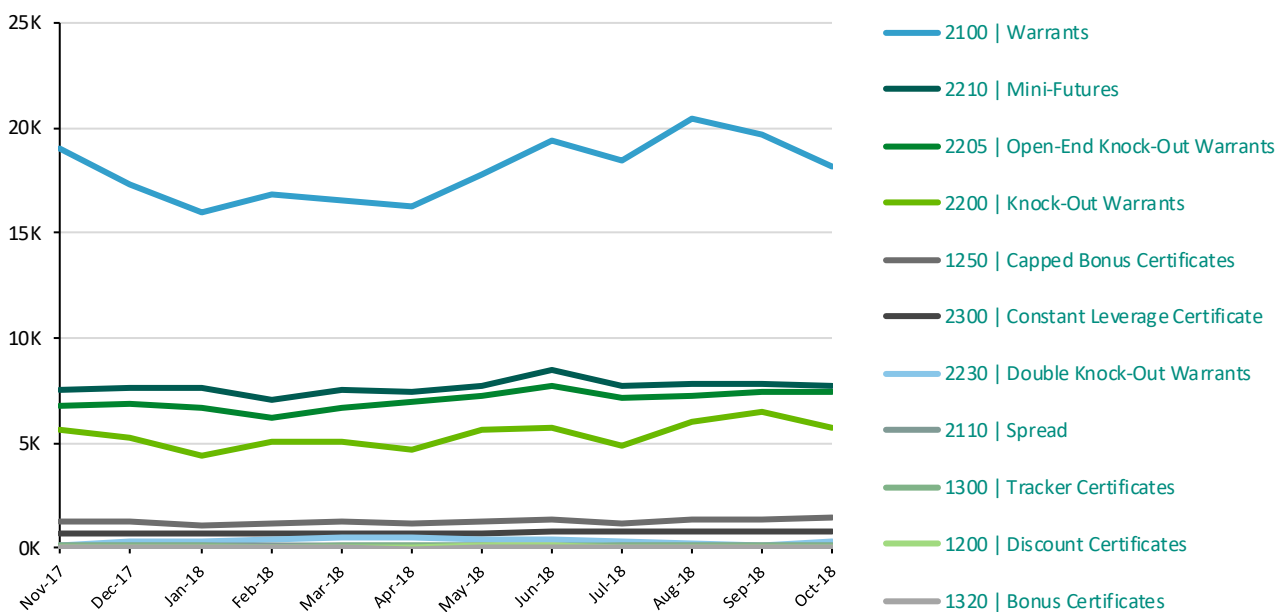




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

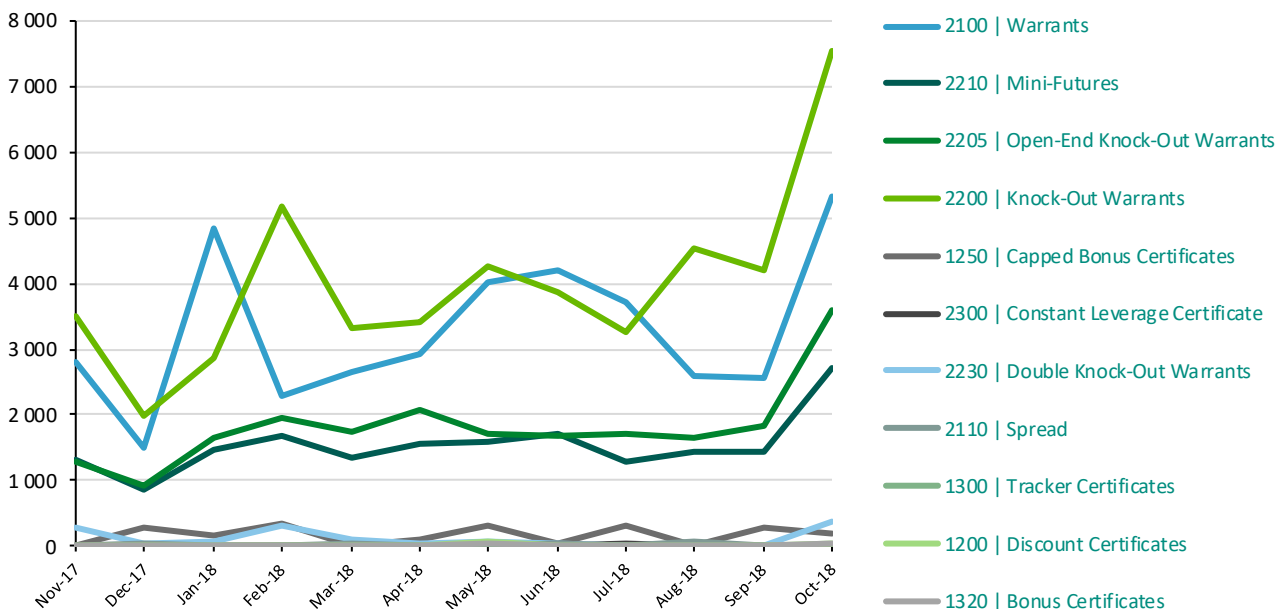
## Product Trend: Number of Live Products

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

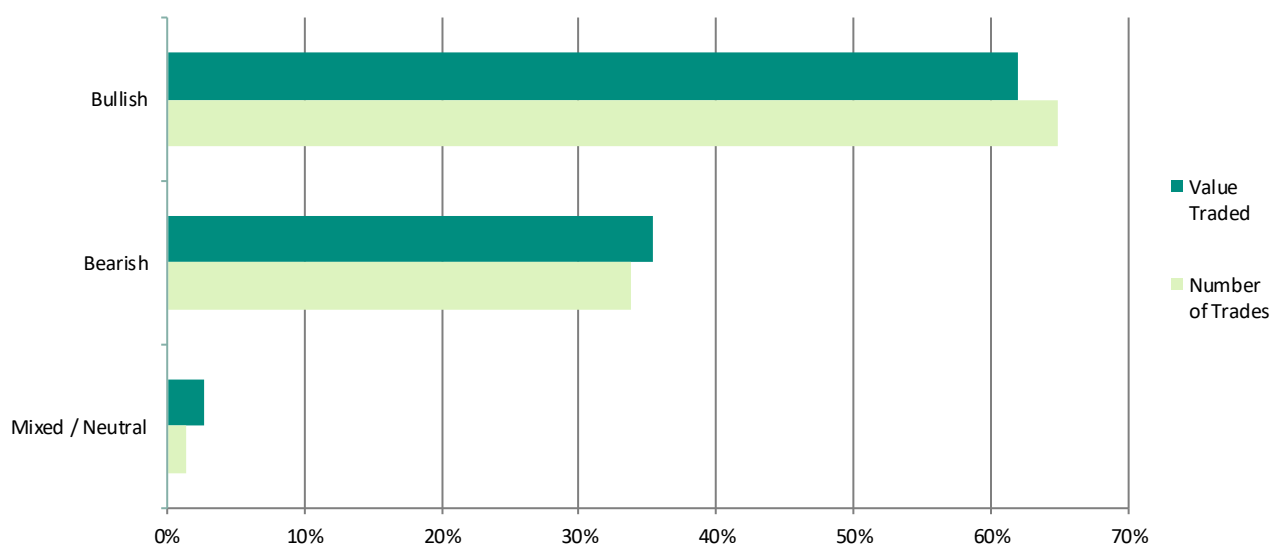
## Market Overview

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	10,183	50%	16.7%	62.0%	4,062	40%	38%	64.9%
Bearish	5,815	49%	55%	35.4%	2,112	24%	34%	33.7%
Mixed / Neutral	437	43%	-14.3%	2.7%	87	25%	-11.6%	1.4%
<b>Total</b>	<b>16,435</b>	<b>49.3%</b>	<b>26.7%</b>	<b>100%</b>	<b>6,261</b>	<b>33.8%</b>	<b>35.7%</b>	<b>100%</b>

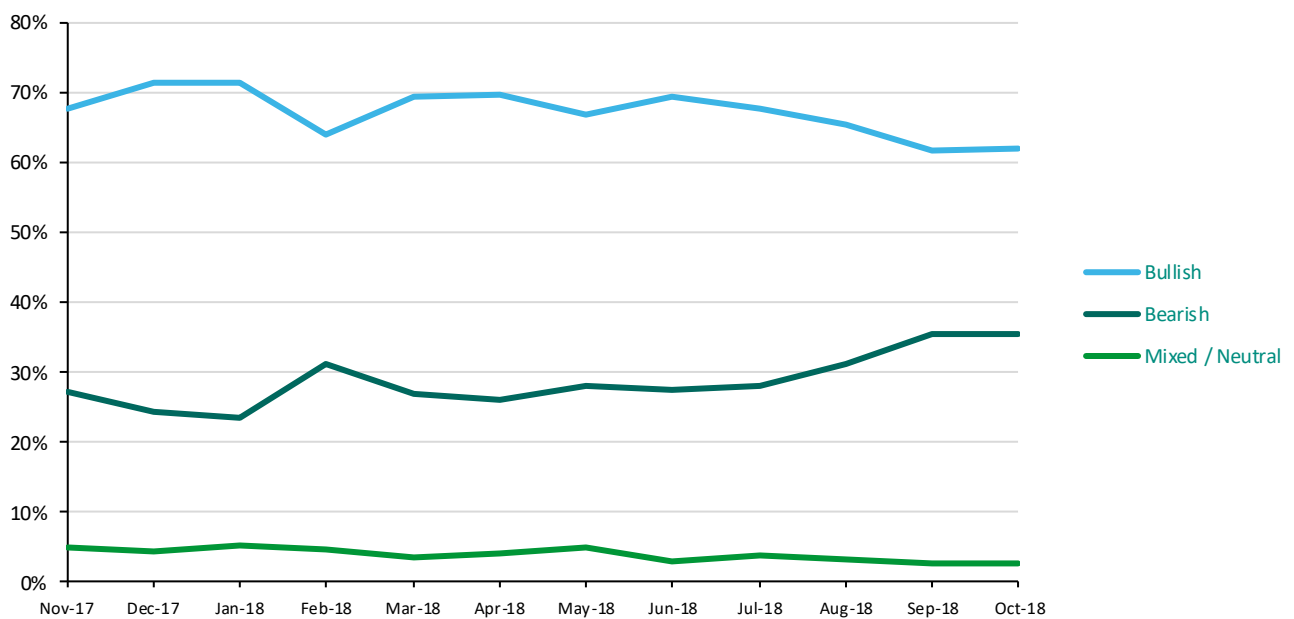
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# PRODUCT STRATEGIES

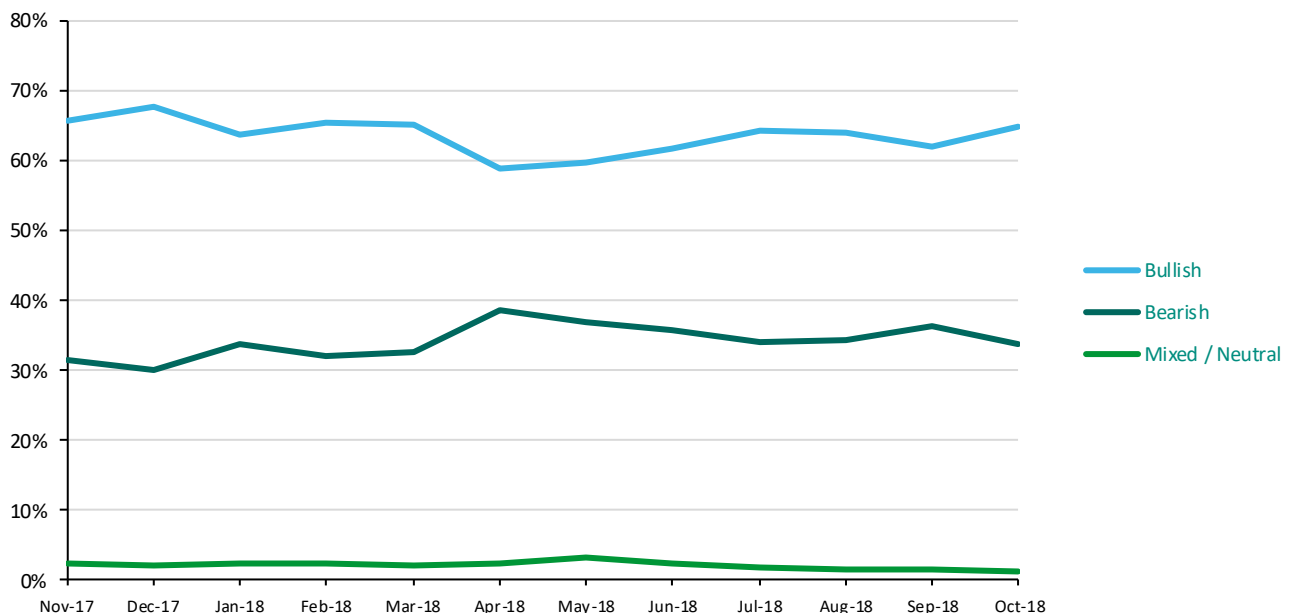
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

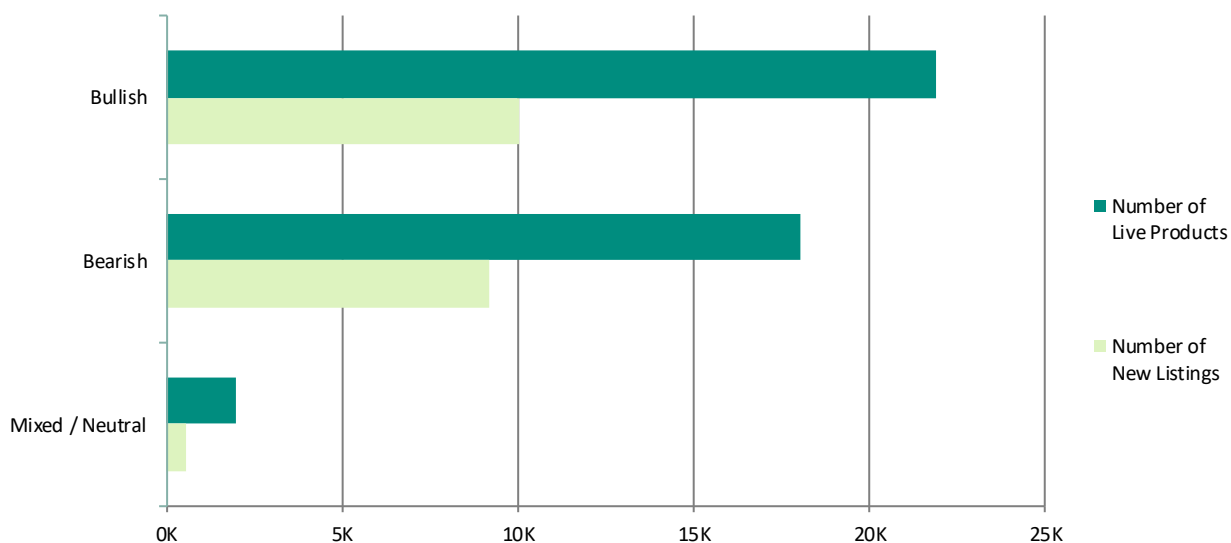
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	21,890	-9.2%	-2.7%	52.2%	10,015	80%	79%	50.6%
Bearish	18,057	-0.9%	10.0%	43.1%	9,209	104%	83%	46.5%
Mixed / Neutral	1,959	15.3%	12.1%	4.7%	581	100%	90%	2.9%
<b>Total</b>	<b>41,906</b>	<b>-4.8%</b>	<b>3.1%</b>	<b>100%</b>	<b>19,805</b>	<b>91.1%</b>	<b>80.8%</b>	<b>100%</b>

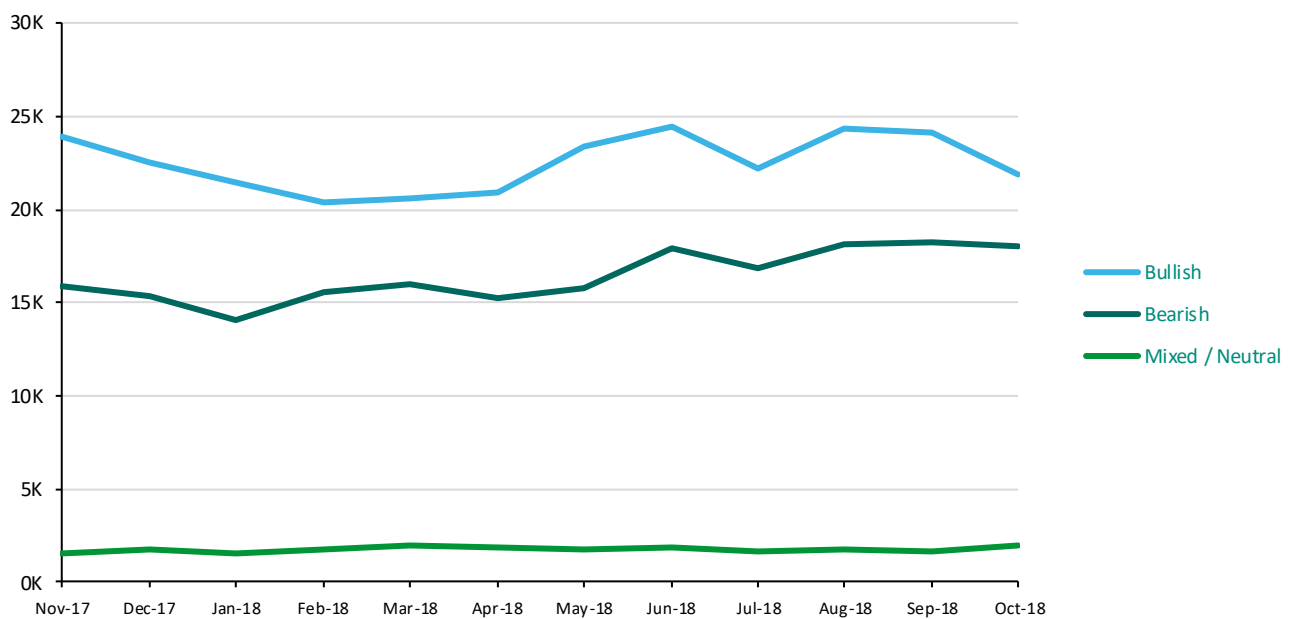
(Source Euronext)



# PRODUCT STRATEGIES

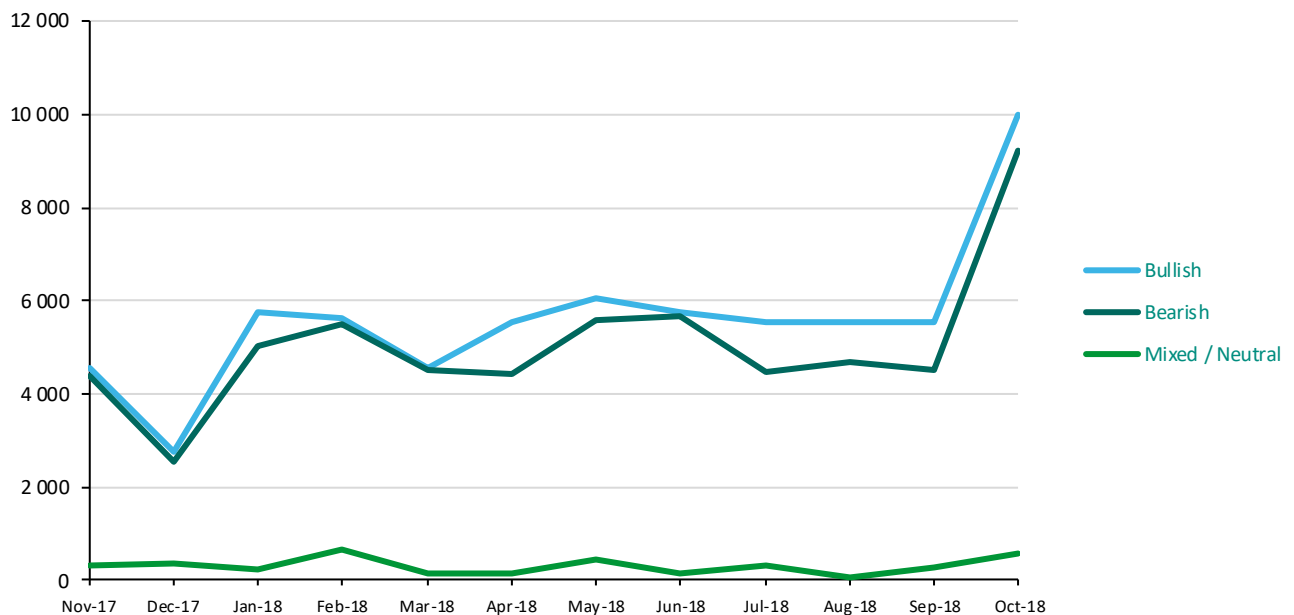
## Product Trend: Number of Live Products

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

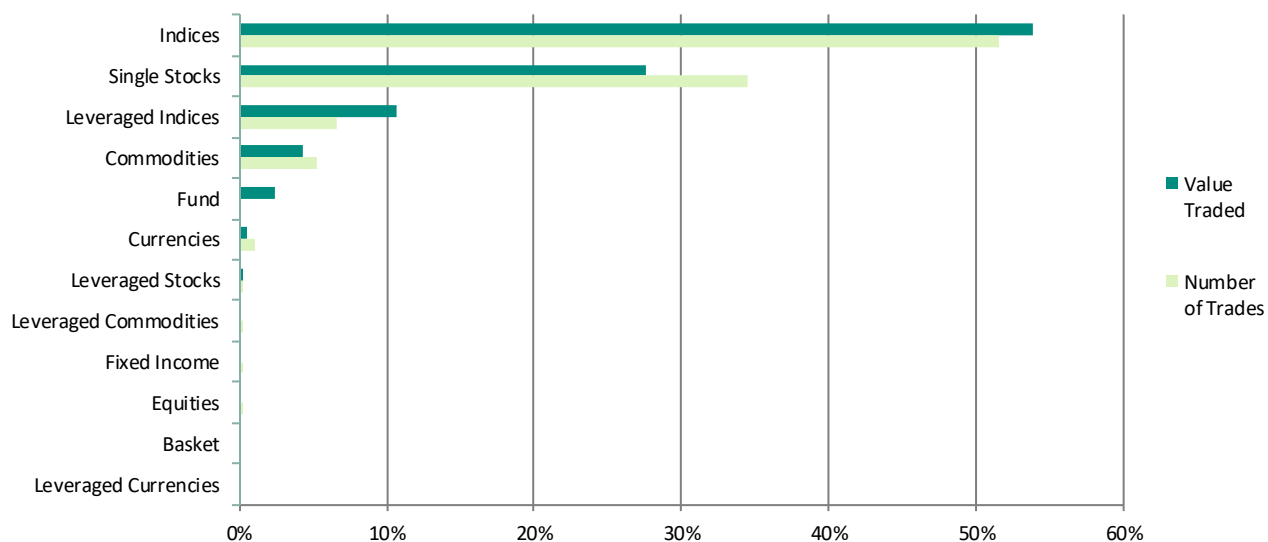
## Market Overview

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	8,866	63%	53%	53.9%	3,233	52%	53%	51.6%
Single Stocks	4,547	25%	9.3%	27.7%	2,158	14.8%	17.5%	34.5%
Leveraged Indices	1,753	78%	64%	10.7%	409	64%	63%	6.5%
Commodities	715	43%	12.1%	4.3%	332	16.7%	34%	5.3%
Fund	386	48%	-62%	2.3%	5.0	18.0%	-63%	0.1%
Currencies	94	-22%	-36%	0.6%	66	-13.7%	-21%	1.1%
Leveraged Stocks	28	5.1%	-39%	0.2%	18	56%	15.7%	0.3%
Leveraged Commodities	18	160%	-22%	0.1%	12	88%	3.6%	0.2%
Fixed Income	13	18.1%	-45%	0.1%	12	62%	-13.4%	0.2%
Equities	9	-53%	-82%	0.1%	15	-44%	-42%	0.2%
Basket	5	NA	458%	0.0%	0.5	857%	490%	0.0%
Leveraged Currencies	1	250%	67%	0.0%	0.2	-42%	-45%	0.0%
<b>Total</b>	<b>16,435</b>	<b>49.3%</b>	<b>26.7%</b>	<b>100%</b>	<b>6,261</b>	<b>33.8%</b>	<b>35.7%</b>	<b>100%</b>

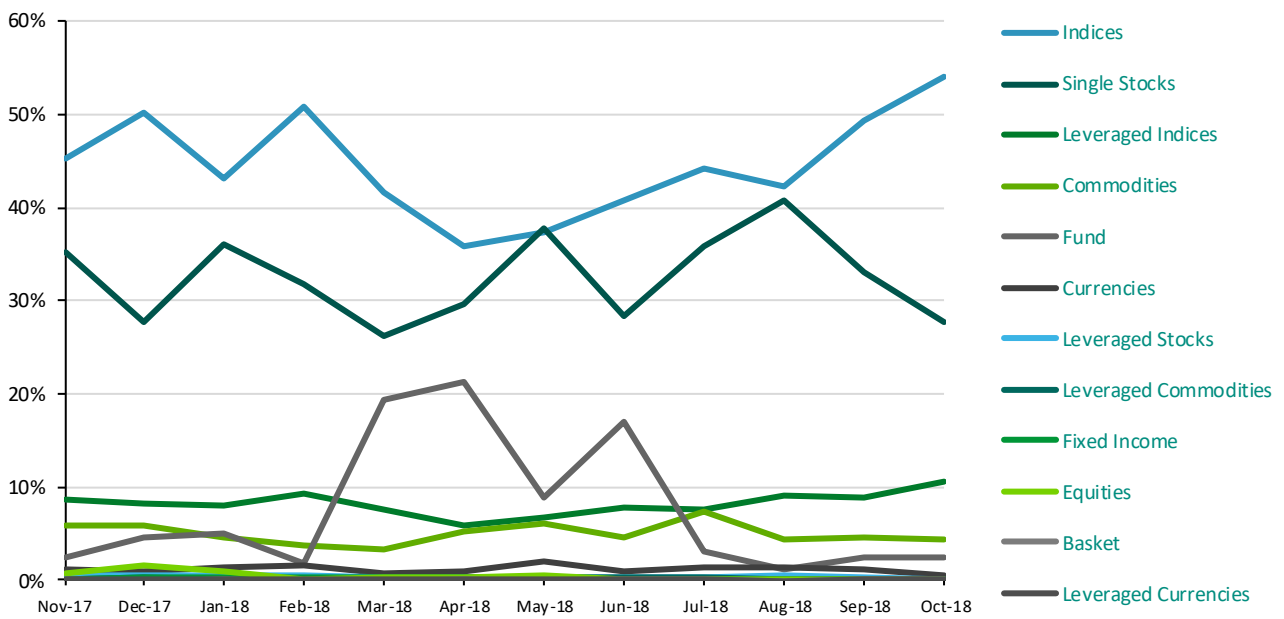
(Source Euronext)



# UNDERLYING TYPES

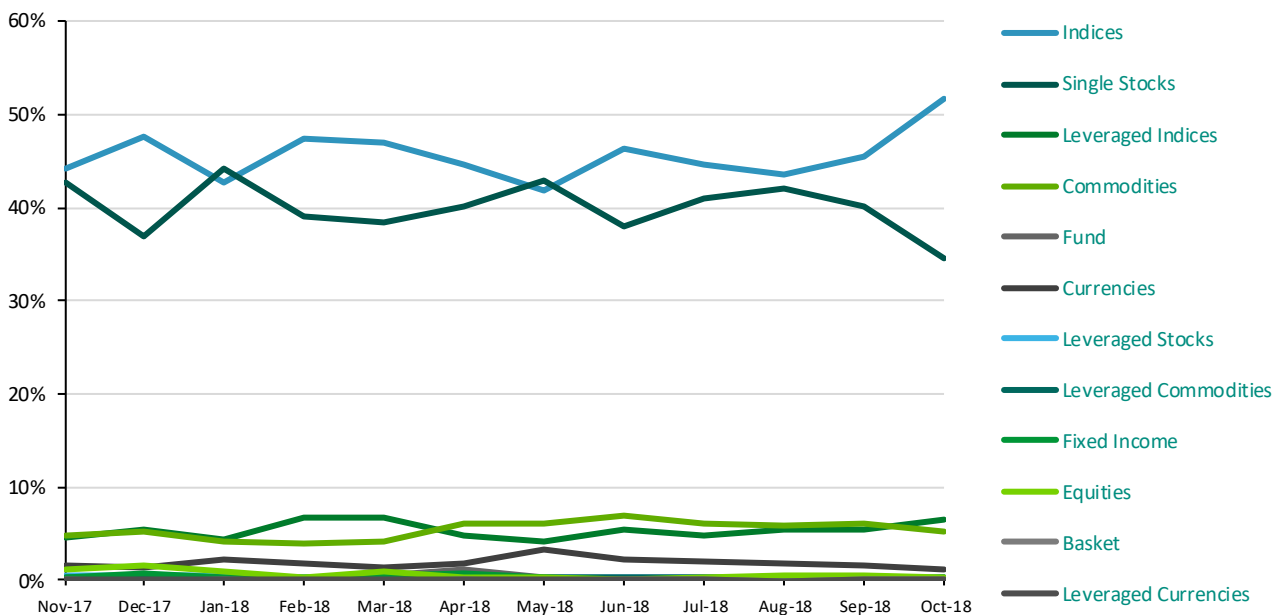
## Market Trend: Value traded

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

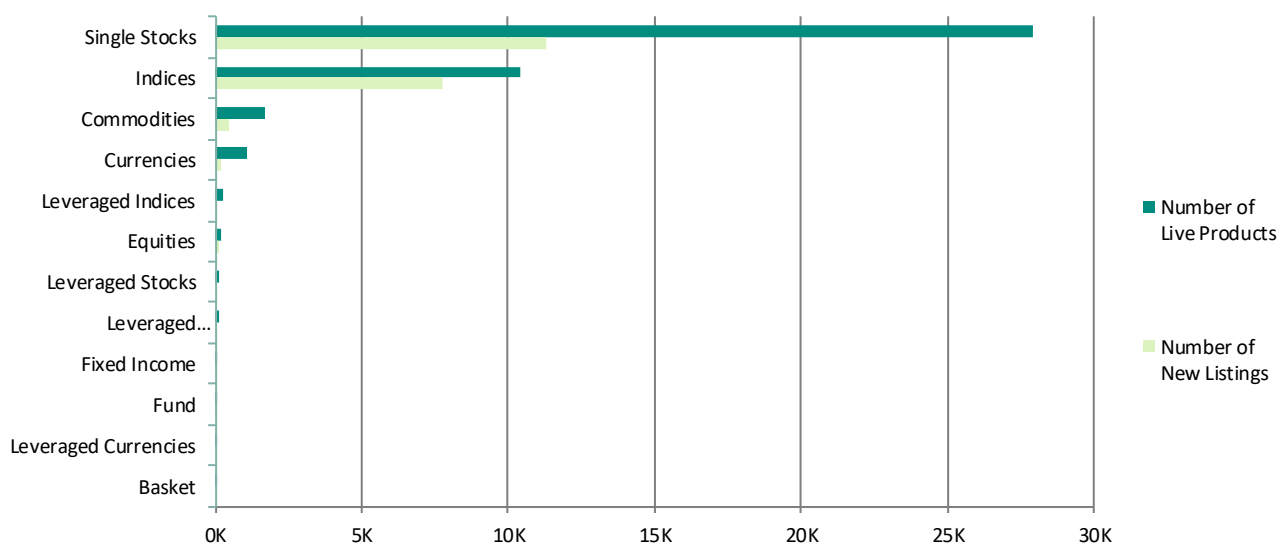
## Product Overview

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	27,955	-6.3%	1.6%	66.7%	11,299	92%	84%	57.1%
Indices	10,398	-2.1%	5.7%	24.8%	7,763	99%	81%	39.2%
Commodities	1,680	2.2%	13.4%	4.0%	444	17.5%	42%	2.2%
Currencies	1,105	-3.7%	-3.4%	2.6%	180	25%	9.1%	0.9%
Leveraged Indices	261	-6.9%	-4.0%	0.6%	0		-100%	0.0%
Equities	168	8.9%	65%	0.4%	116	205%	152%	0.6%
Leveraged Stocks	89	-0.1%	4.4%	0.2%	0		-100%	0.0%
Leveraged Commodities	85	0.0%	7.8%	0.2%	0		-100%	0.0%
Fixed Income	76	0.4%	-0.6%	0.2%	2		14.3%	0.0%
Fund	74	0.5%	9.4%	0.2%	1	0.0%	-33%	0.0%
Leveraged Currencies	8	0.0%	-11.3%	0.0%	0			0.0%
Basket	5	-0.9%	8.1%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>41,906</b>	<b>-4.8%</b>	<b>3.1%</b>	<b>100%</b>	<b>19,805</b>	<b>91.1%</b>	<b>80.8%</b>	<b>100%</b>

(Source Euronext)

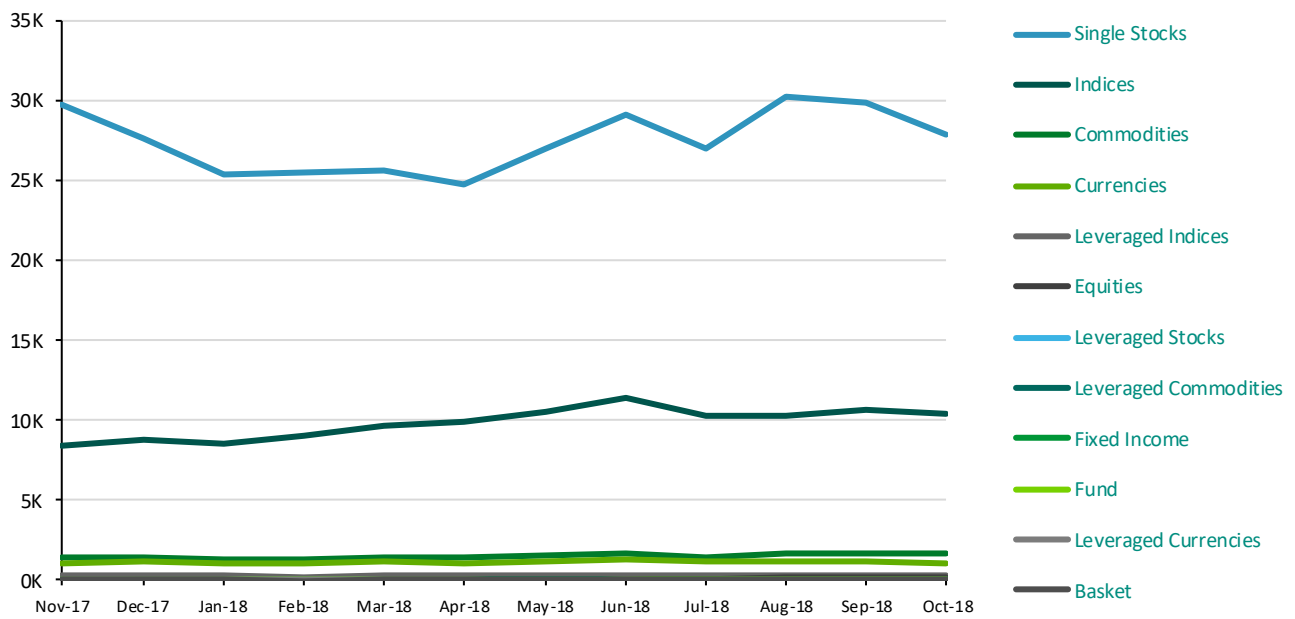




# UNDERLYING TYPES

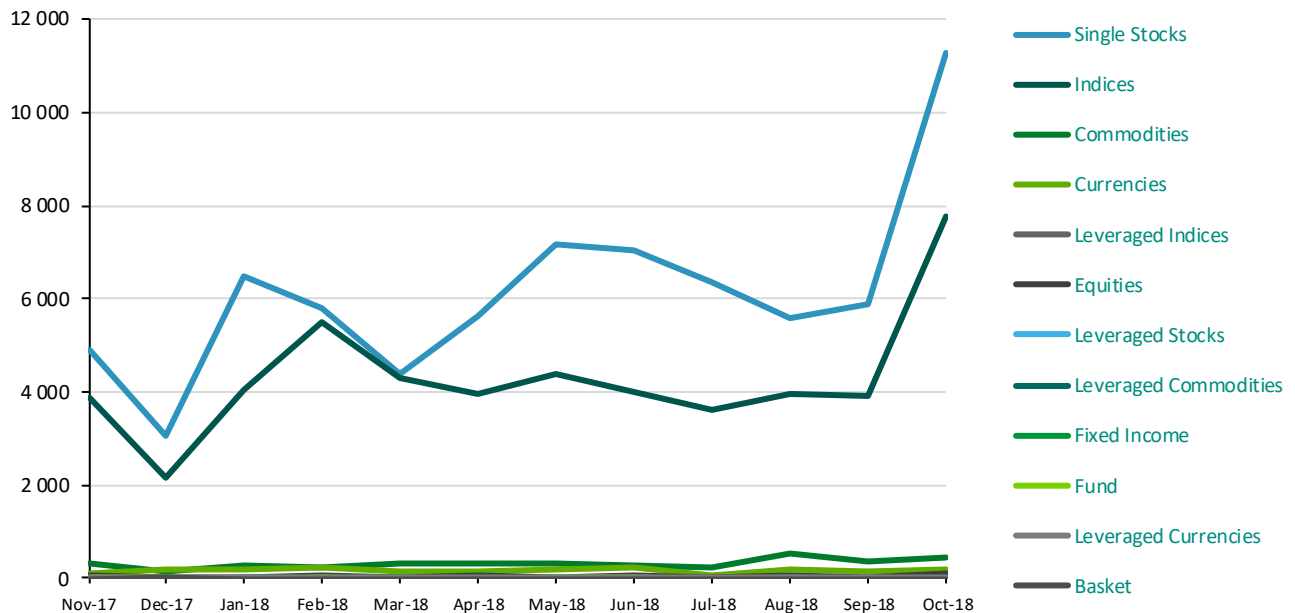
## Product Trend: Number of Live Products

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

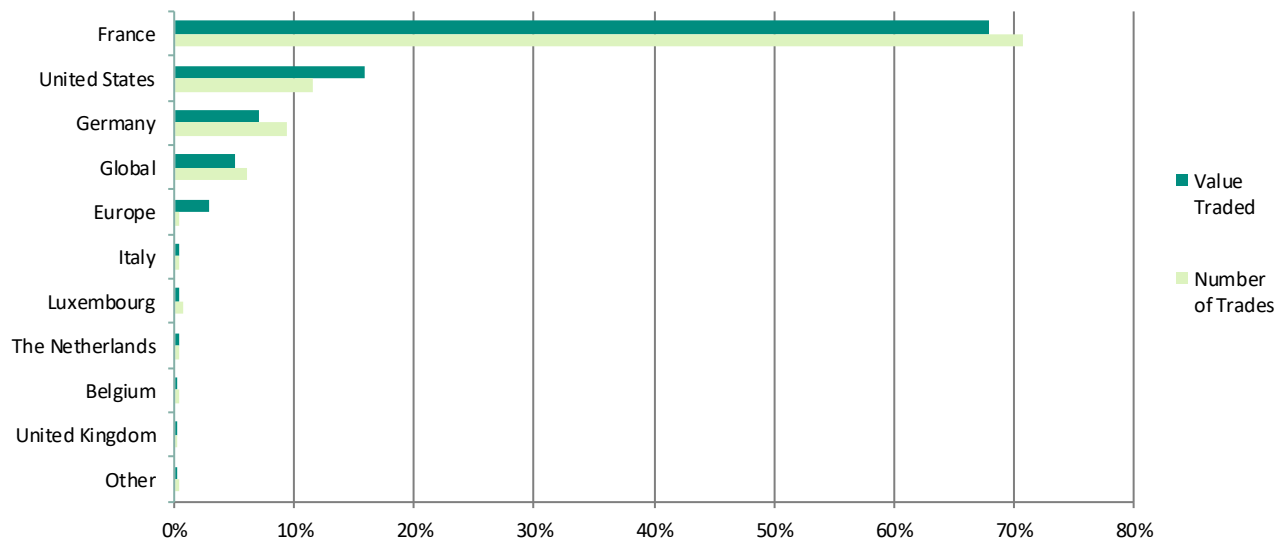
## Market Overview

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	11,166	48%	30%	67.9%	4,433	34%	33%	70.8%
United States	2,595	92%	82%	15.8%	717	36%	48%	11.5%
Germany	1,152	9.2%	27%	7.0%	581	41%	60%	9.3%
Global	822	55%	18.5%	5.0%	377	19.4%	34%	6.0%
Europe	460	44%	-58%	2.8%	25	47%	-20%	0.4%
Italy	53	82%	54%	0.3%	18	86%	95%	0.3%
Luxembourg	48	-36%	-62%	0.3%	40	-5.5%	-22%	0.6%
The Netherlands	47	145%	111%	0.3%	17	58%	55%	0.3%
Belgium	32	103%	17.0%	0.2%	22	89%	65%	0.4%
United Kingdom	26	6.0%		0.2%	10	-19.3%		0.2%
Other	34	39%	-52%	0.2%	22	33%	-44%	0.3%
<b>Total</b>	<b>16,435</b>	<b>49.3%</b>	<b>26.7%</b>	<b>100%</b>	<b>6,261</b>	<b>33.8%</b>	<b>35.7%</b>	<b>100%</b>

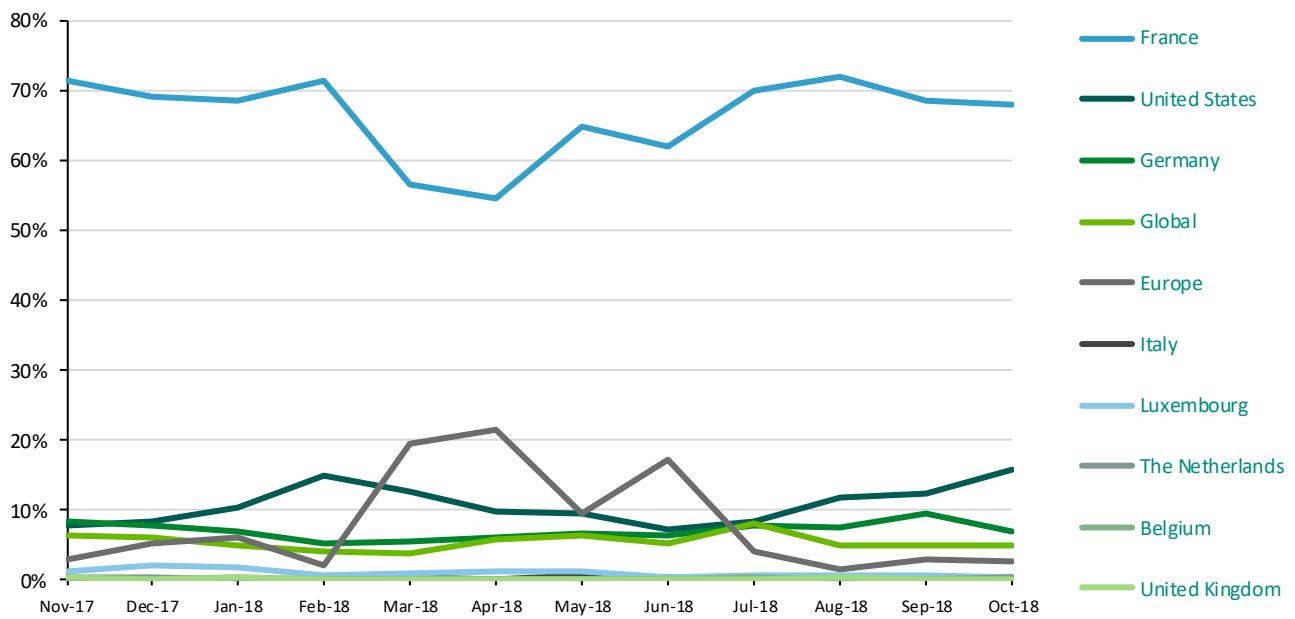
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

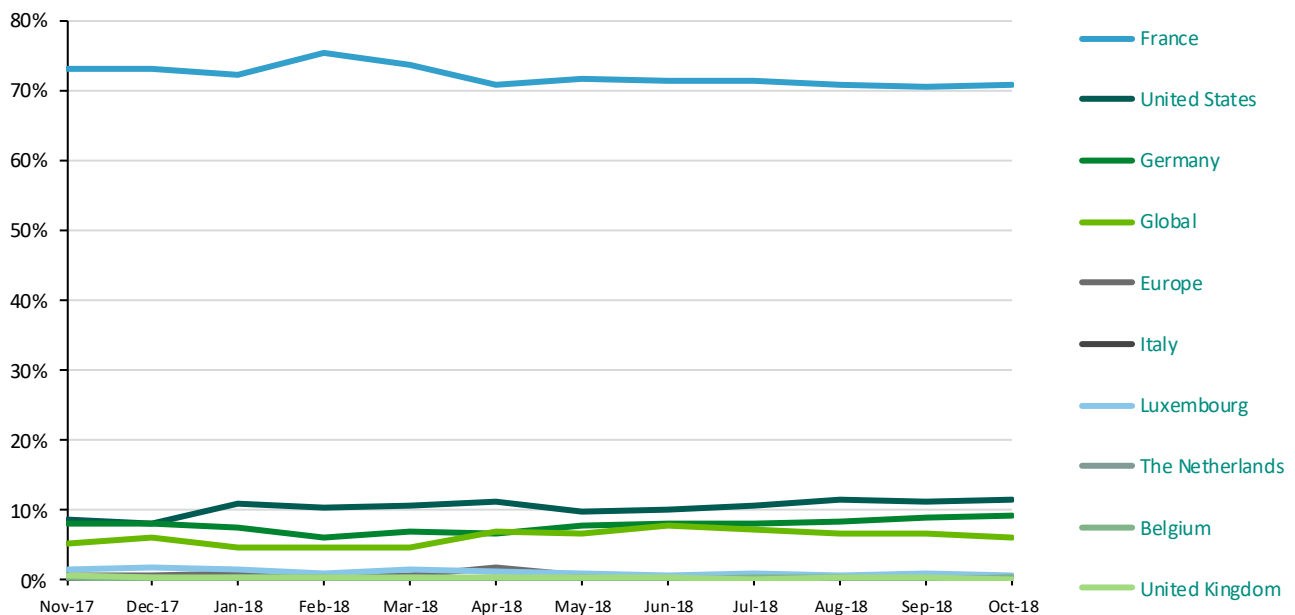
## Market Trend: Value traded

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

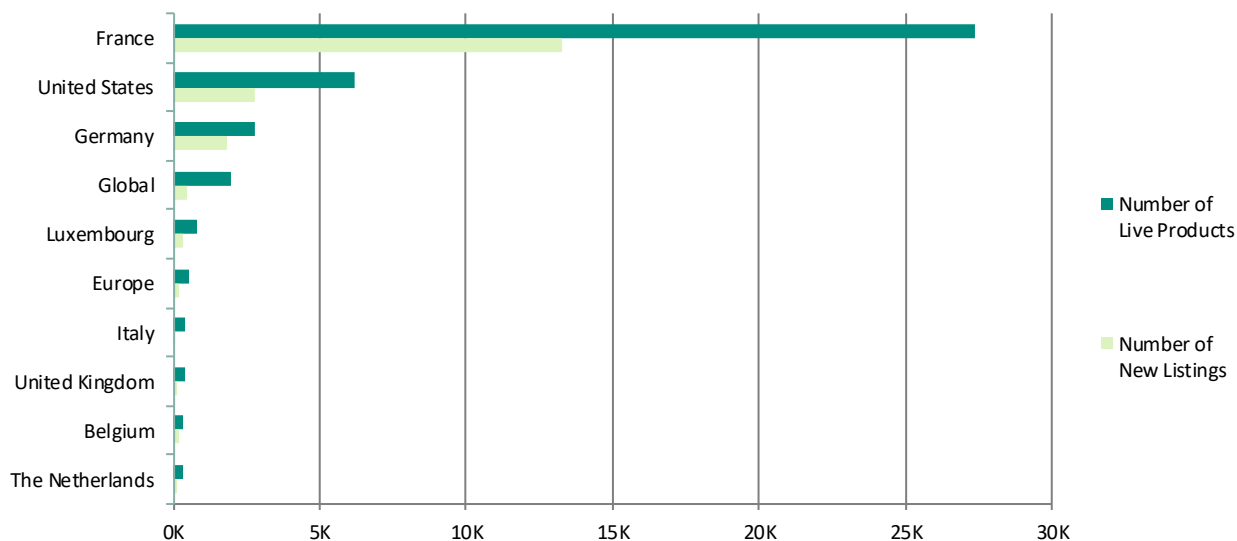
## Product Overview

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	27,361	-5.2%	-0.6%	65.3%	13,300	87%	79%	67.2%
United States	6,204	-7.0%	18.0%	14.8%	2,760	99%	72%	13.9%
Germany	2,770	-2.8%	2.3%	6.6%	1,846	133%	106%	9.3%
Global	1,947	2.1%	12.3%	4.6%	489	26%	49%	2.5%
Luxembourg	819	-11.9%	-0.2%	2.0%	305	96%	39%	1.5%
Europe	549	-4.3%	-1.6%	1.3%	176	151%	87%	0.9%
Italy	380	-8.7%	-2.7%	0.9%	50	32%	-8.0%	0.3%
United Kingdom	377	-0.4%	10.2%	0.9%	130	48%	102%	0.7%
Belgium	341	3.7%	26%	0.8%	181	66%	206%	0.9%
The Netherlands	291	9.5%	22%	0.7%	131	19.1%	149%	0.7%
Other	867	2.3%	4.9%	2.1%	437	283%	189%	2.2%
Total	41,906	-4.8%	3.1%	100%	19,805	91.1%	80.8%	100%

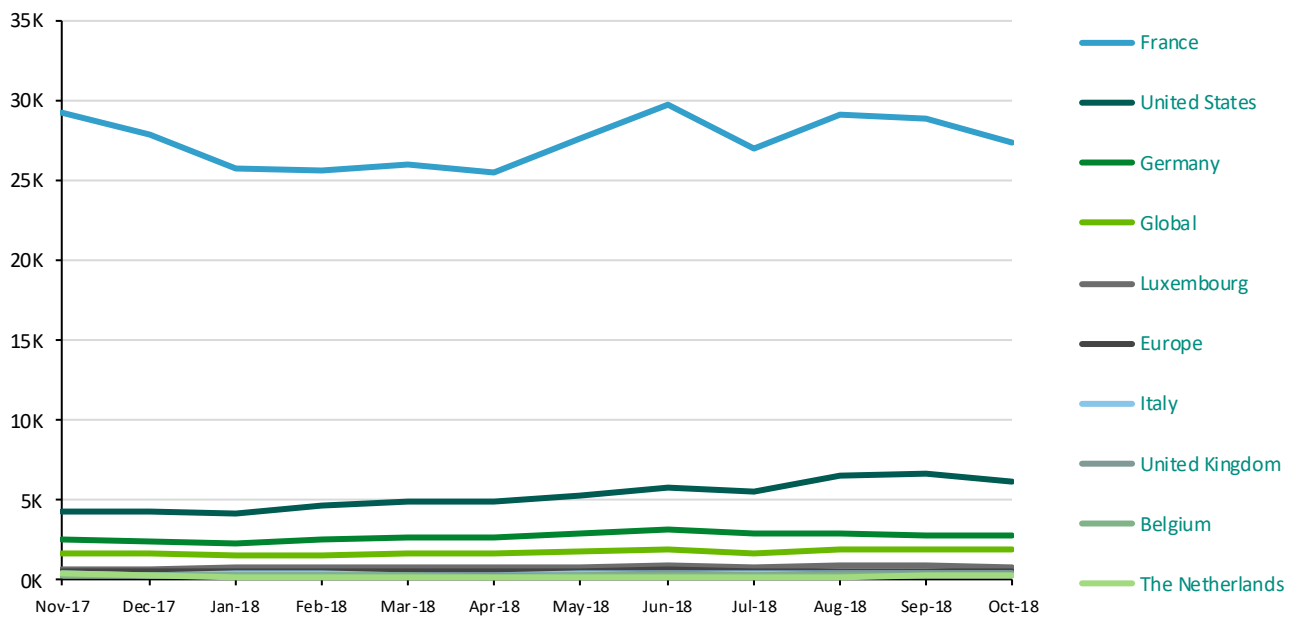
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

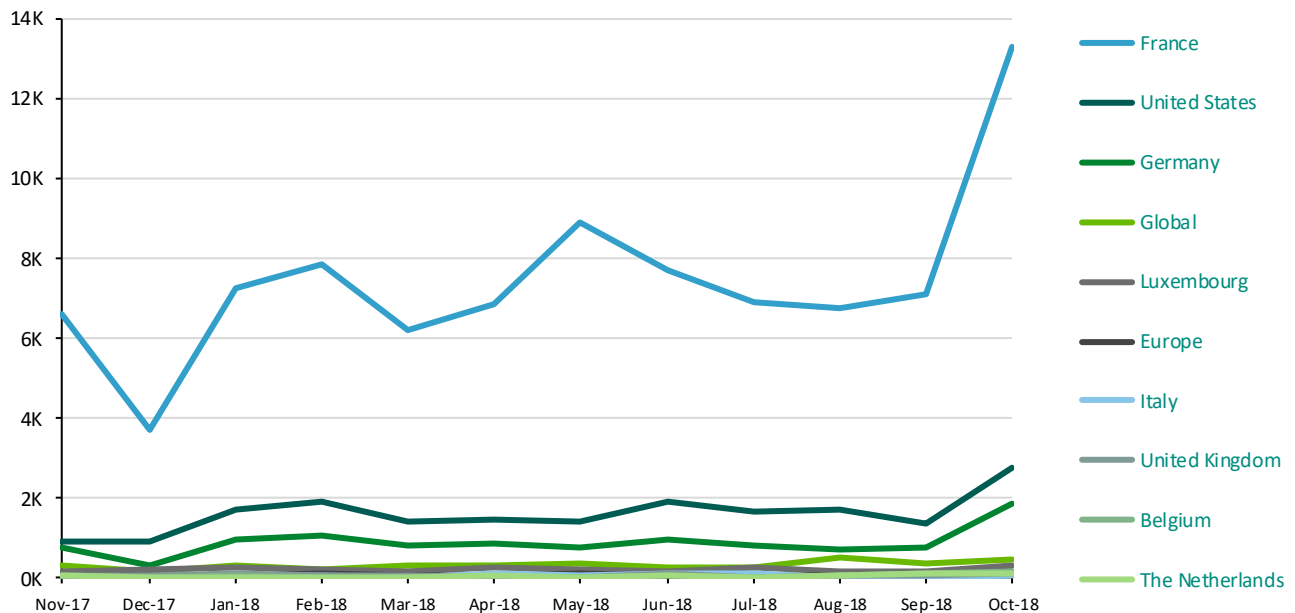
## Product Trend: Number of Live Products

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

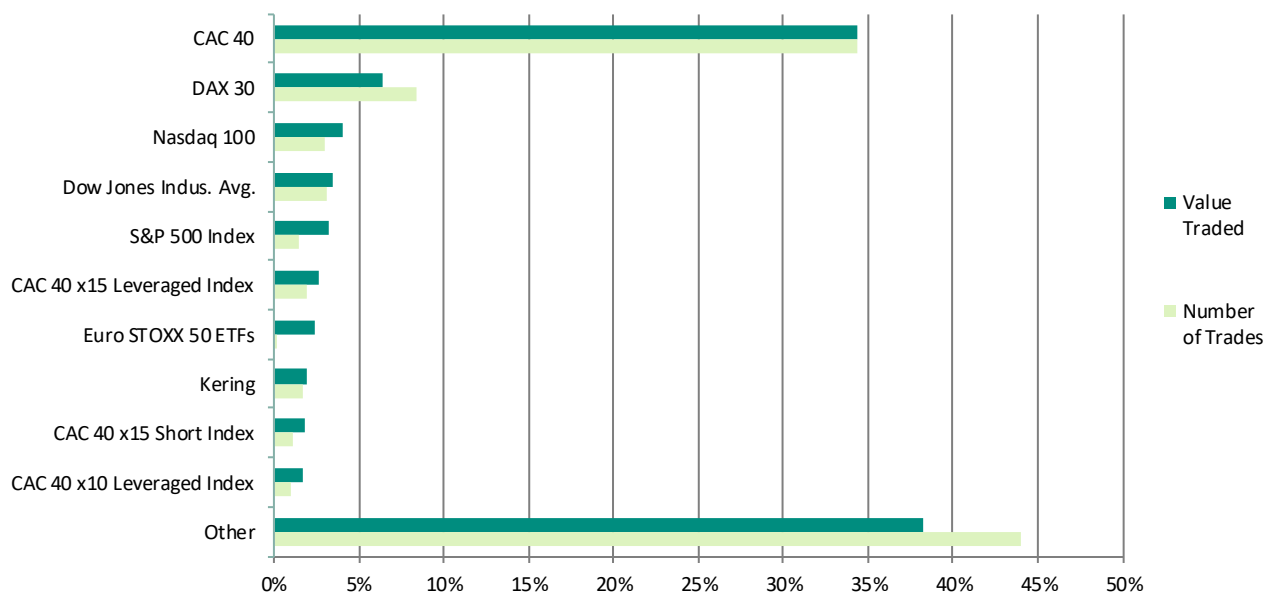
## Market Overview

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	5,638	69%	48%	34.3%	2,150	59%	48%	34.3%
DAX 30	1,058	10.9%	29%	6.4%	525	37%	63%	8.4%
Nasdaq 100	664	79%	155%	4.0%	188	23%	97%	3.0%
Dow Jones Indus. Avg.	562	75%	22%	3.4%	193	33%	44%	3.1%
S&P 500 Index	524	208%	230%	3.2%	89	113%	87%	1.4%
CAC 40 x15 Leveraged Index	437	60%	41%	2.7%	121	85%	80%	1.9%
Euro STOXX 50 ETFs	385	48%	-62%	2.3%	4.7	15.6%	-64%	0.1%
Kering	313	163%	173%	1.9%	107	151%	163%	1.7%
CAC 40 x15 Short Index	302	92%	54%	1.8%	70	54%	33%	1.1%
CAC 40 x10 Leveraged Index	271	77%	52%	1.6%	59	78%	55%	0.9%
Other	6,281	28%	11.2%	38.2%	2,755	14.1%	17.2%	44.0%
<b>Total</b>	<b>16,435</b>	<b>49.3%</b>	<b>26.7%</b>	<b>100%</b>	<b>6,261</b>	<b>33.8%</b>	<b>35.7%</b>	<b>100%</b>

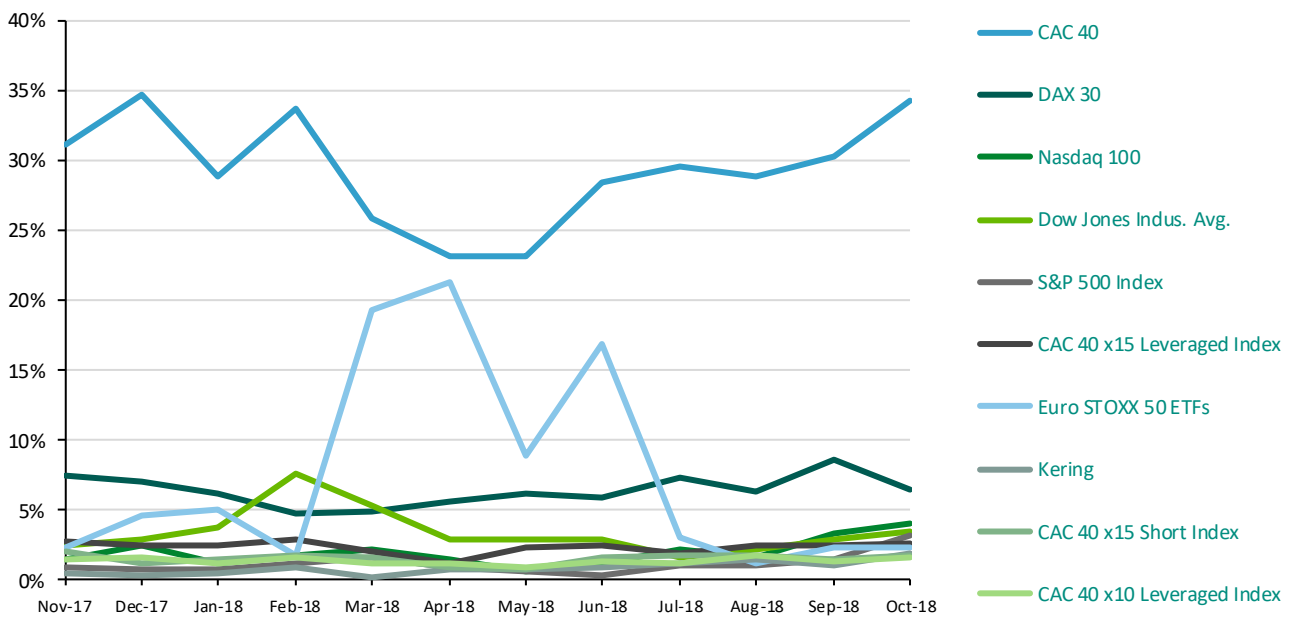
(Source Euronext)



# TOP 10 UNDERLYINGS

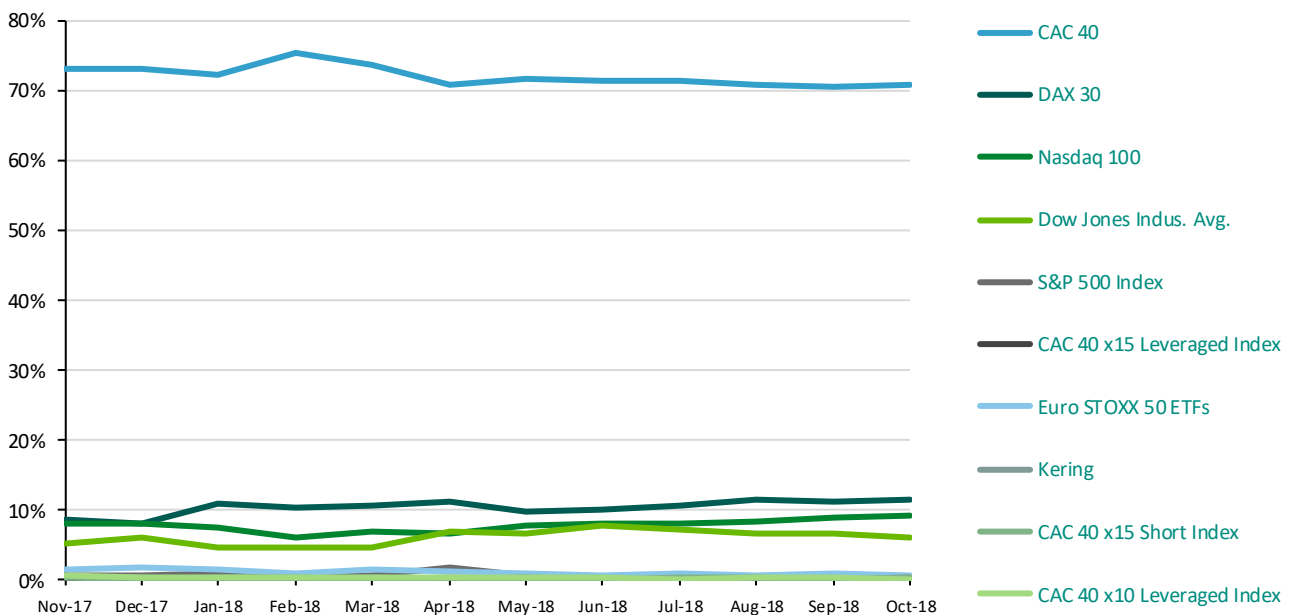
## Market Trend: Value traded

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

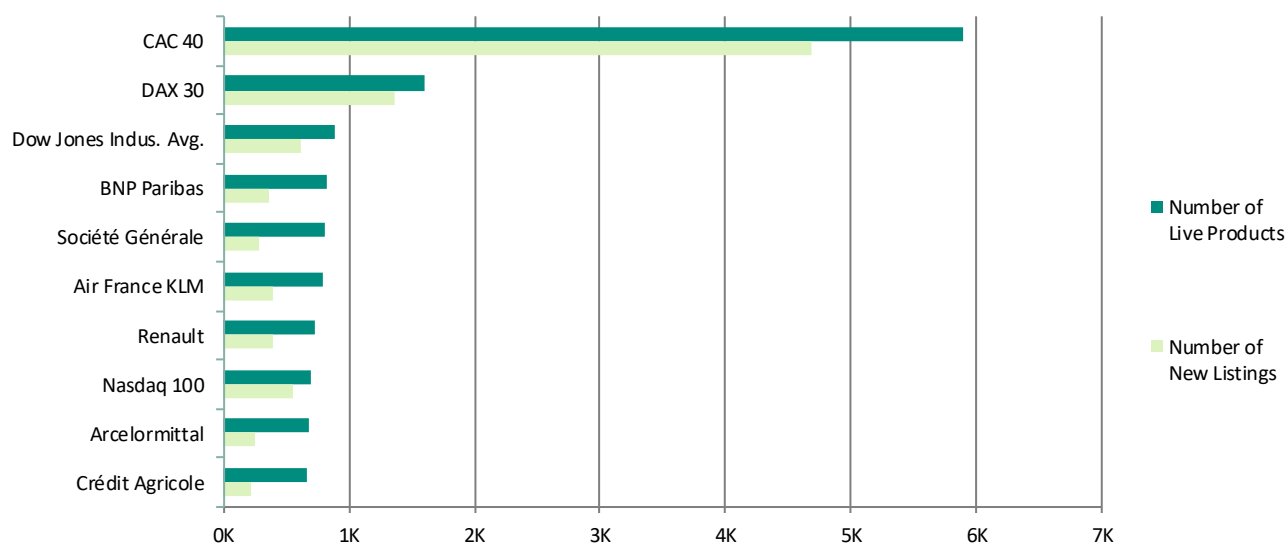
## Product Overview

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	5,890	3.1%	8.7%	14.1%	4,690	73%	73%	23.7%
DAX 30	1,595	-5.7%	0.3%	3.8%	1,364	134%	102%	6.9%
Dow Jones Indus. Avg.	887	-9.6%	15.0%	2.1%	622	132%	91%	3.1%
BNP Paribas	817	-8.6%	2.9%	1.9%	355	105%	101%	1.8%
Société Générale	811	-10.7%	0.5%	1.9%	280	94%	60%	1.4%
Air France KLM	788	-10.4%	-3.8%	1.9%	398	93%	50%	2.0%
Renault	734	-0.9%	-11.5%	1.8%	388	25%	82%	2.0%
Nasdaq 100	698	-12.1%	7.1%	1.7%	553	235%	115%	2.8%
Arcelormittal	684	-13.0%	-5.6%	1.6%	253	128%	45%	1.3%
Crédit Agricole	668	-5.2%	-3.4%	1.6%	224	19.8%	61%	1.1%
Other	28,335	-5.3%	2.8%	67.6%	10,678	94%	83%	53.9%
<b>Total</b>	<b>41,906</b>	<b>-4.8%</b>	<b>3.1%</b>	<b>100%</b>	<b>19,805</b>	<b>91.1%</b>	<b>80.8%</b>	<b>100%</b>

(Source Euronext)

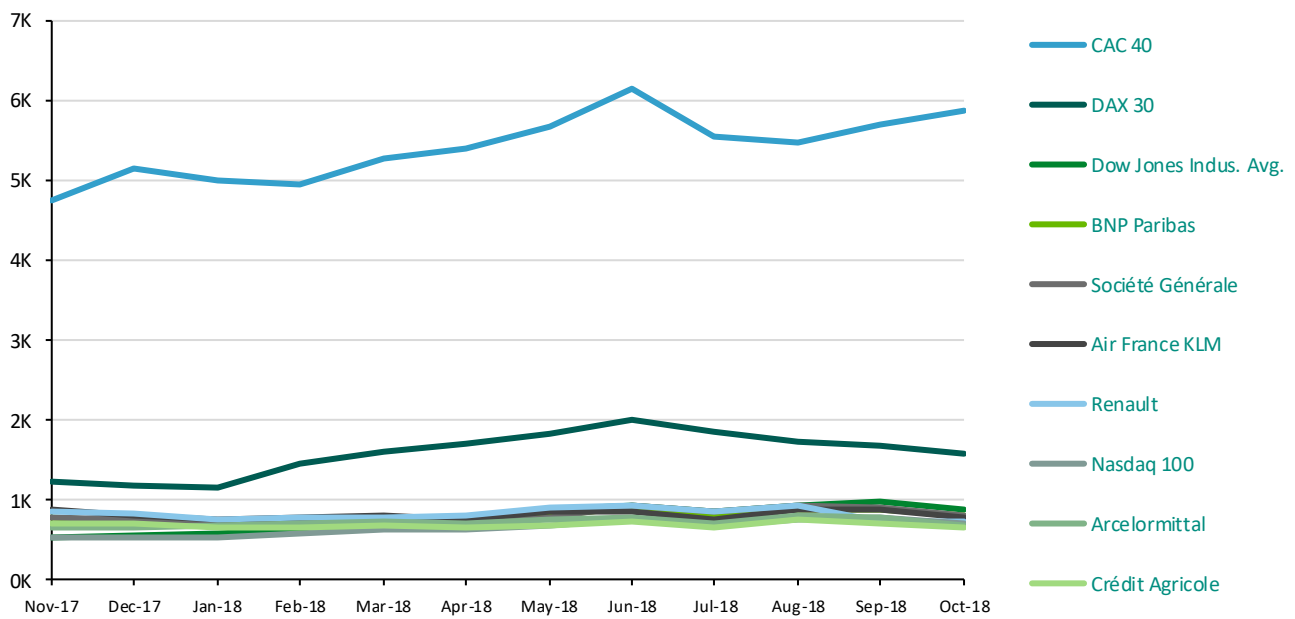




# TOP 10 UNDERLYINGS

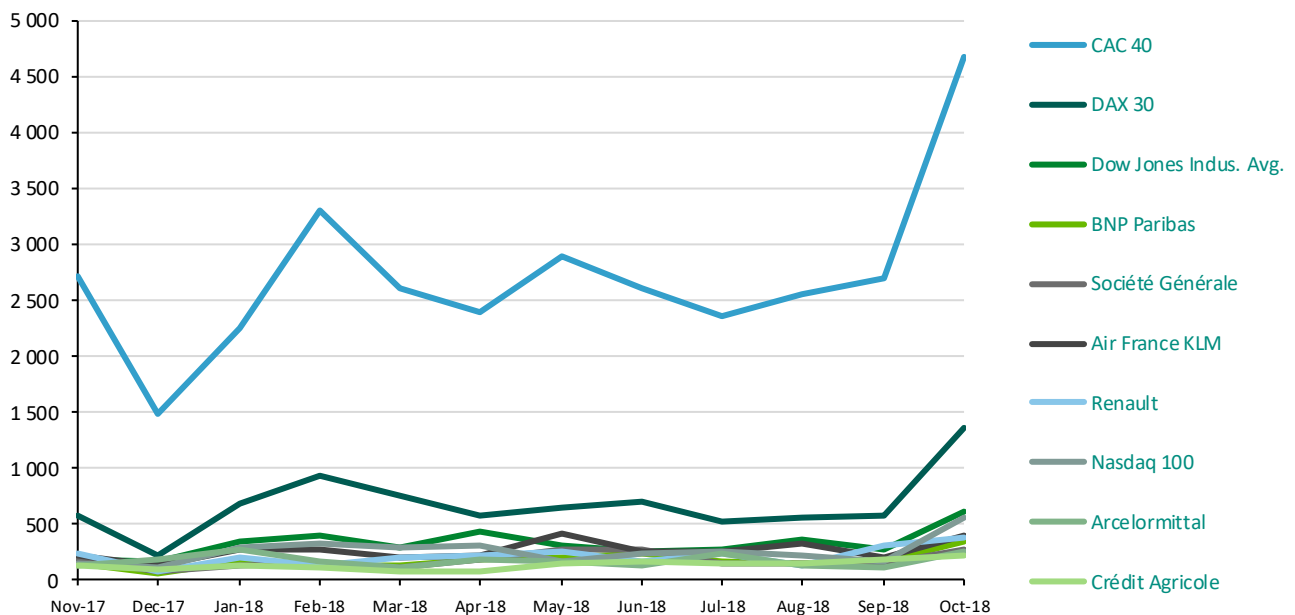
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	18,456	3,150
NL0012355507	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	15,339	68
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	8,466	1,446
DE000CQ9LJZ3	Citi	2200	Knock-Out Warrants	S&P 500 Index	8,248	50
LU1790506254	Société Générale	2100	Warrants	CAC 40	8,212	300
LU1790558305	Société Générale	2100	Warrants	CAC 40	7,864	430
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	7,564	1,262
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	7,001	1,272
DE000VA1ZHQ8	Vontobel	2300	Constant Leverage Certificate	S&P 500 x16 Short Index	6,195	524
DE000CQ9LJ87	Citi	2200	Knock-Out Warrants	Nasdaq 100	5,441	50
DE000CA302Y7	Commerzbank	2100	Warrants	Renault	5,382	298
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	5,217	1,568
LU1789959100	Société Générale	2100	Warrants	CAC 40	5,140	128
DE000CE8WCF3	Commerzbank	2300	Constant Leverage Certificate	CAC 40	5,129	1,786
FR0010961078	Société Générale	2300	Constant Leverage Certificate	CAC 40 x5 Leveraged Index	4,241	768
LU1555074977	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,223	1,708
DE000CQ9LJ79	Citi	2200	Knock-Out Warrants	Nasdaq 100	4,001	24
DE000CQ98VU5	Citi	2200	Knock-Out Warrants	S&P 500 Index	3,845	16
DE000CJ3WWA8	Commerzbank	2205	Open-End Knock-Out Warrants	CAC 40	3,631	186
LU1817305953	Société Générale	2100	Warrants	CAC 40	3,593	604
LU1555075784	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Short Index	3,478	1,184
LU1555075354	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Short Index	3,462	962
LU1841009241	Société Générale	2200	Knock-Out Warrants	CAC 40	3,455	118
DE000CA0ZD72	Commerzbank	2300	Constant Leverage Certificate	CAC 40	3,178	408
DE000CQ286C0	Citi	2100	Warrants	Tesla Motors Inc	3,135	288
DE000CD9DYM2	Commerzbank	2300	Constant Leverage Certificate	SP500MINI Future	2,978	56
LU1789958987	Société Générale	2100	Warrants	CAC 40	2,971	132
DE000CZ28ZJ7	Commerzbank	2300	Constant Leverage Certificate	CAC 40	2,870	1,396
DE000CE4VLZ3	Commerzbank	2210	Mini-Futures	S&P 500 Index	2,835	398
FR0011119395	Société Générale	2300	Constant Leverage Certificate	CAC 40 x7 Leveraged Index	2,776	640
DE000CA30TL5	Commerzbank	2100	Warrants	Scor	2,643	180
LU1790559022	Société Générale	2100	Warrants	CAC 40	2,619	110
DE000CQ8ZNG7	Citi	2100	Warrants	Tesla Motors Inc	2,550	106
DE000CJ3V2J0	Commerzbank	2205	Open-End Knock-Out Warrants	CAC 40	2,447	100
DE000CJ3VSR2	Commerzbank	2100	Warrants	CAC 40	2,300	134
FR0011214527	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	2,253	1,124
DE000CE4UKZ7	Commerzbank	2300	Constant Leverage Certificate	Gold	2,155	286
LU1817306175	Société Générale	2100	Warrants	CAC 40	2,128	246
NL0012355499	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	2,073	102
DE000CQ970G0	Citi	2100	Warrants	CAC 40	2,069	188
DE000VA7Q7D4	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	2,027	588
LU1817075267	Société Générale	2100	Warrants	Dow Jones Indus. Avg.	2,017	64
LU1789955611	Société Générale	2100	Warrants	CAC 40	1,946	266
LU1840894833	Société Générale	2200	Knock-Out Warrants	CAC 40	1,896	152
DE000CQ9KE42	Citi	2100	Warrants	Tesla Motors Inc	1,854	76
DE000CQ97ZZ7	Citi	2100	Warrants	CAC 40	1,776	92
LU1815432056	Société Générale	1300	Tracker Certificates	CAC 40 x10 Short Index	1,730	44
DE000CJ3WNY7	Commerzbank	2100	Warrants	CAC 40	1,718	70
DE000CJ3U299	Commerzbank	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	1,685	72
LU1789962666	Société Générale	2100	Warrants	CAC 40	1,656	564

(Source Euronext)



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LARGE-IN-  
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# EURONEXTBLOCK

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