



warrants and certificates

# Activity report

Issue 93  
April 2019

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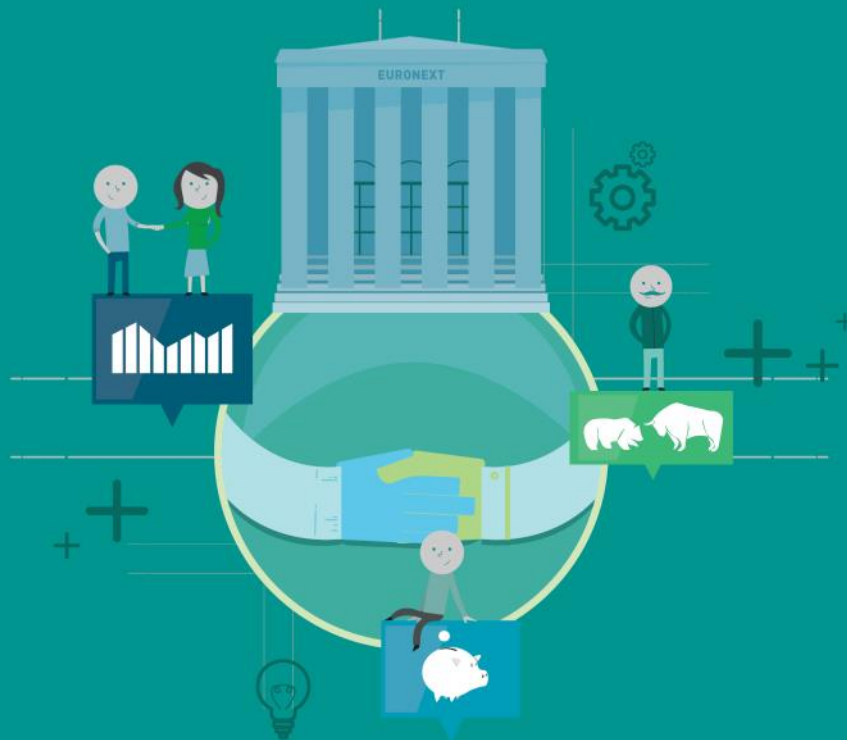
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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 30/04/2019)	22,158	764	1,525	49,640	<b>74,087</b>
New Products	5,273	184	154	15,196	<b>20,807</b>
New Products YTD	19,236	763	1,467	61,001	<b>82,467</b>
Value Traded (in €m)	368.3	9.0	154.7	245.0	<b>776.9</b>
Value Traded YTD (in €m)	1,579.0	44.5	415.2	1,052.8	<b>3,091.5</b>
Value Traded ADV (in €m)	18.4	0.4	7.7	12.2	<b>38.8</b>
Value Traded YTD ADV (in €m)	19.0	0.5	5.0	12.7	<b>37.2</b>
Number of Trades	136,577	6,779	12,010	80,055	<b>235,421</b>
Number of Trades YTD	614,917	19,669	37,940	375,655	<b>1,048,181</b>
Number of Trades ADV	6,829	339	601	4,003	<b>11,771</b>
Number of Trades YTD ADV	7,409	237	457	4,526	<b>12,629</b>

(Source Euronext)

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# Euronext Markets

# ISSUERS

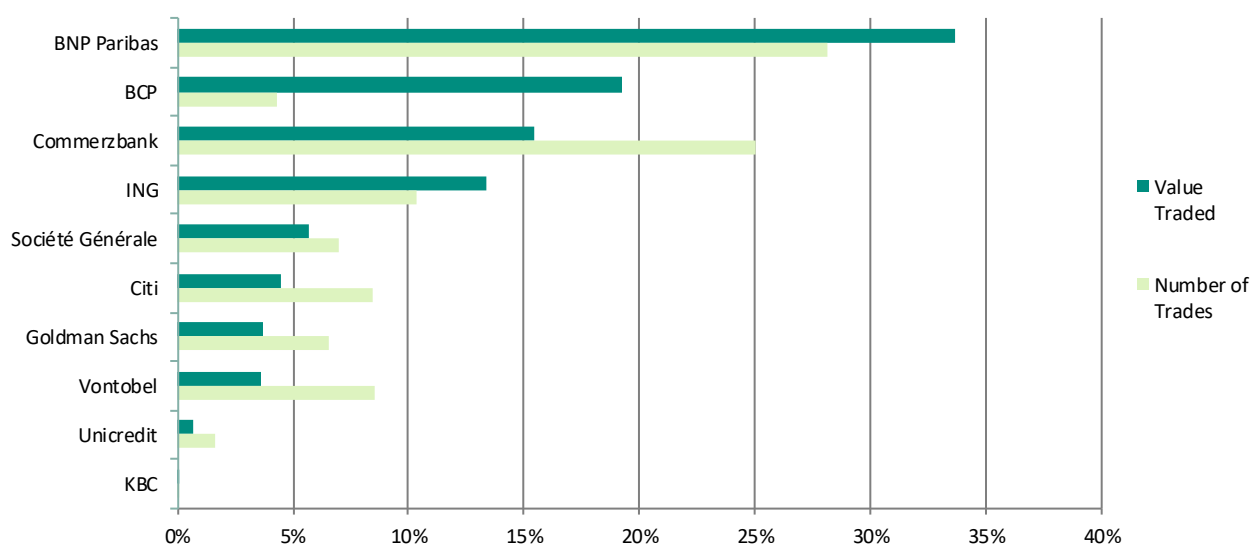
## Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	13,087	-9.1%	-0.4%	33.7%	3,318	-12.3%	-5.2%	28.2%
BCP	7,492	18.6%	-0.5%	19.3%	505	12.7%	-85.0%	4.3%
Commerzbank	6,004	1.9%	54%	15.5%	2,950	-1.6%	164.2%	25.1%
ING	5,199	0.0%	75%	13.4%	1,214	-12.6%	16.6%	10.3%
Société Générale	2,214	-31%	-22%	5.7%	822	-8.1%	255.4%	7.0%
Citi	1,722	-36%	-39%	4.4%	994	-22.2%	-29.0%	8.4%
Goldman Sachs	1,448	-43%	-44%	3.7%	772	-27.9%	-12.0%	6.6%
Vontobel	1,404	-14.4%	-7.2%	3.6%	1,005	-9.8%	14.9%	8.5%
Unicredit	270	-9.5%	-28%	0.7%	191	-9.6%	-3.7%	1.6%
KBC	7		-91%	0.0%	0.5		-59.0%	0.0%
<b>Total</b>	<b>38,846</b>	<b>-7.9%</b>	<b>3.0%</b>	<b>100%</b>	<b>11,771</b>	<b>-10.7%</b>	<b>-6.7%</b>	<b>100%</b>

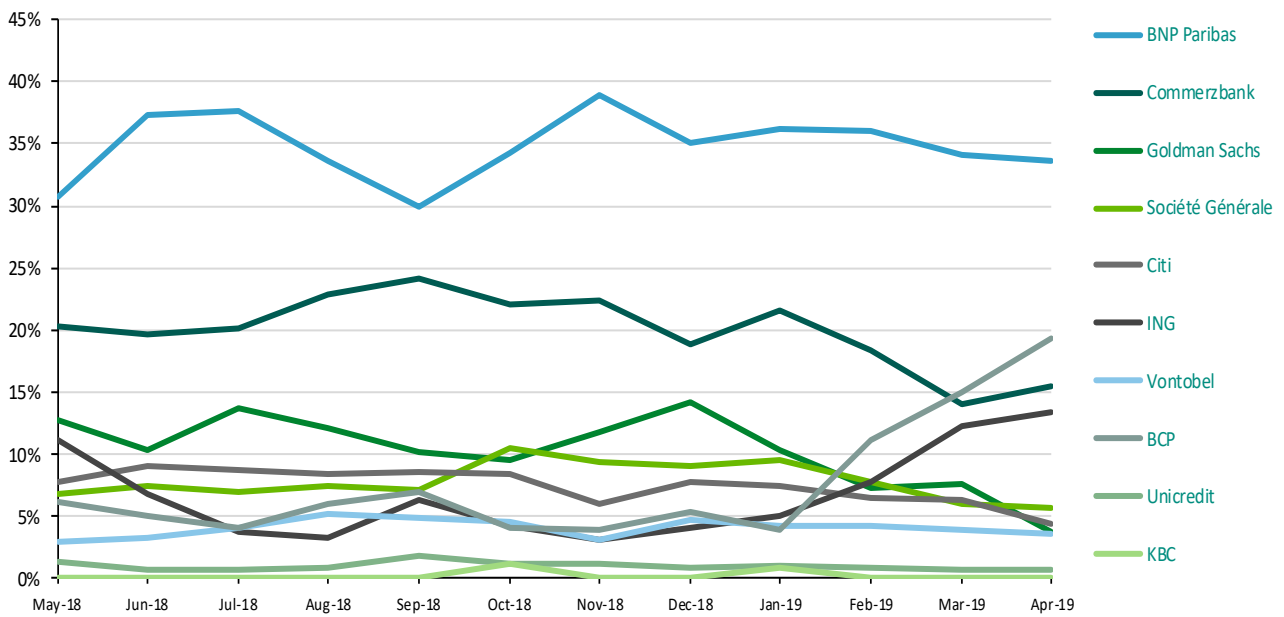
(Source Euronext)



# ISSUERS

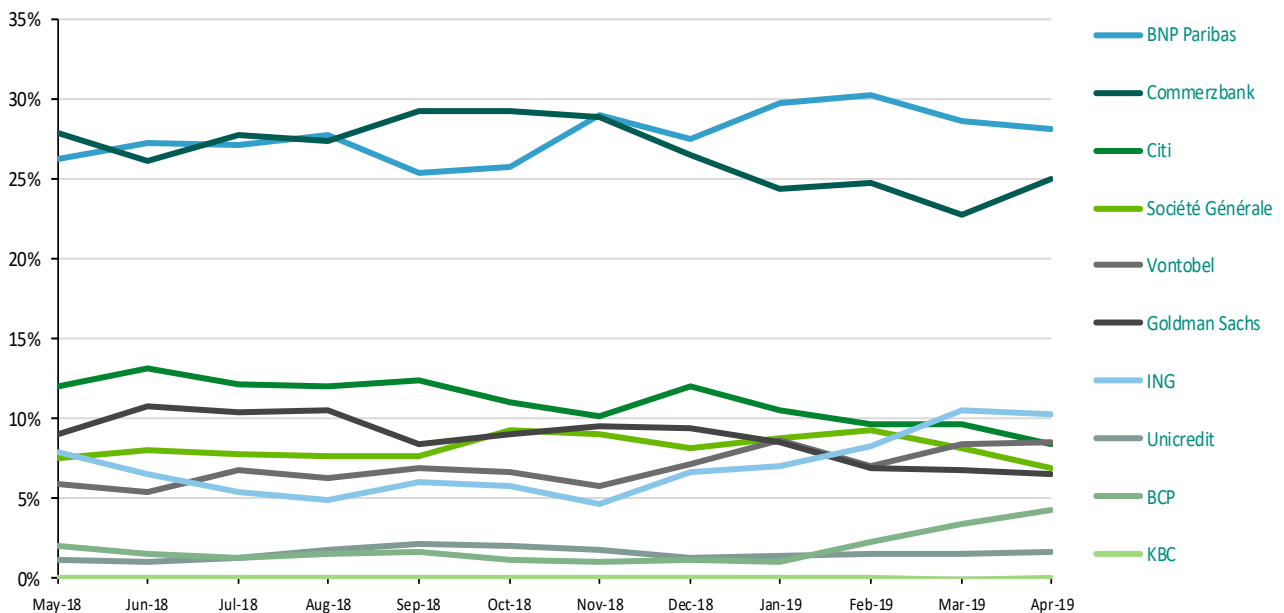
## Market Trend: Value traded

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

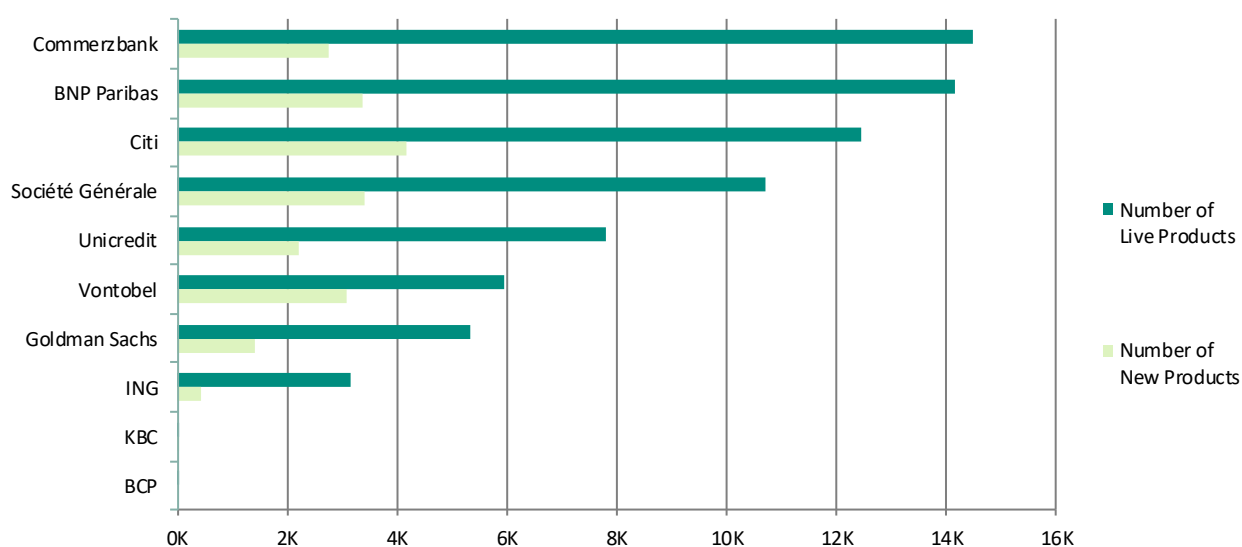
## Product Overview

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	14,498	-3.5%	-4.5%	19.6%	2,769	-16.5%	-17.4%	13.3%
BNP Paribas	14,150	4.5%	25%	19.1%	3,373	30%	0.4%	16.2%
Citi	12,441	6.4%	8.7%	16.8%	4,158	35%	21%	20.0%
Société Générale	10,715	4.6%	13.5%	14.5%	3,402	-7.2%	15.2%	16.4%
Unicredit	7,788	0.6%	9.2%	10.5%	2,204	19.8%	24%	10.6%
Vontobel	5,952	6.1%	4.1%	8.0%	3,064	27%	19.2%	14.7%
Goldman Sachs	5,338	9.1%	4.0%	7.2%	1,423	-7.4%	13.6%	6.8%
ING	3,159	4.0%	1.2%	4.3%	413	40%	31%	2.0%
KBC	26	8.6%	11.4%	0.0%	1	0.0%	-52%	0.0%
BCP	22	0.0%	-0.9%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>74,087</b>	<b>3.1%</b>	<b>8.1%</b>	<b>100%</b>	<b>20,807</b>	<b>11.0%</b>	<b>9.3%</b>	<b>100%</b>

(Source Euronext)

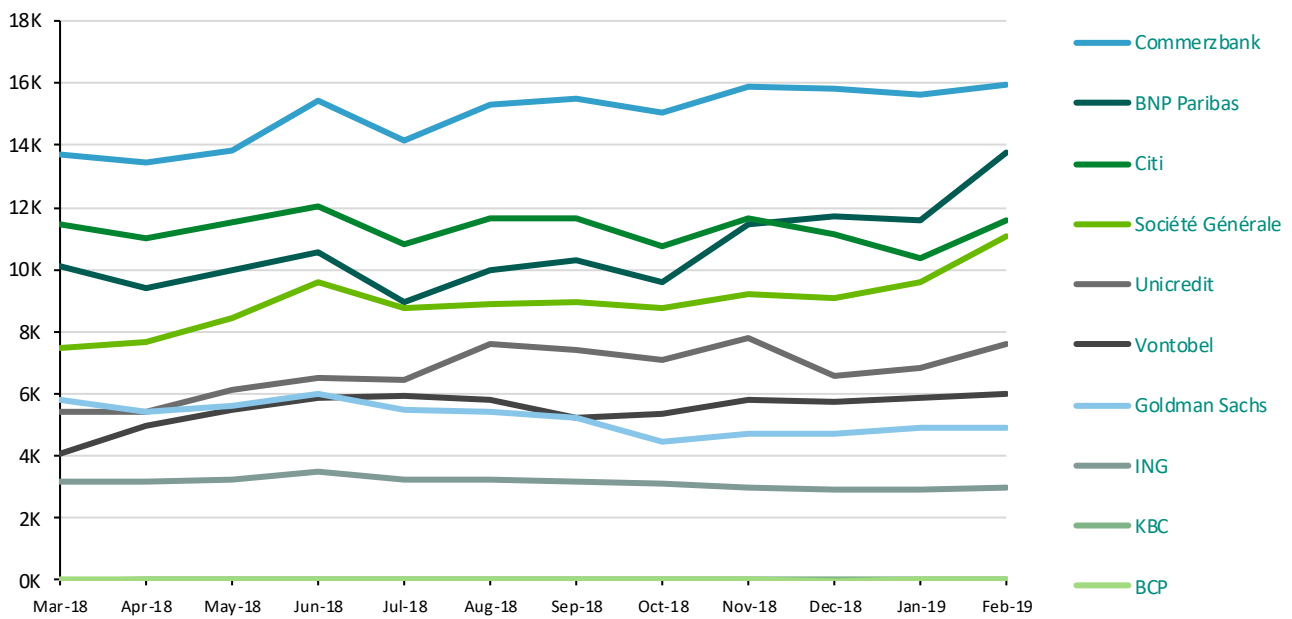




# ISSUERS

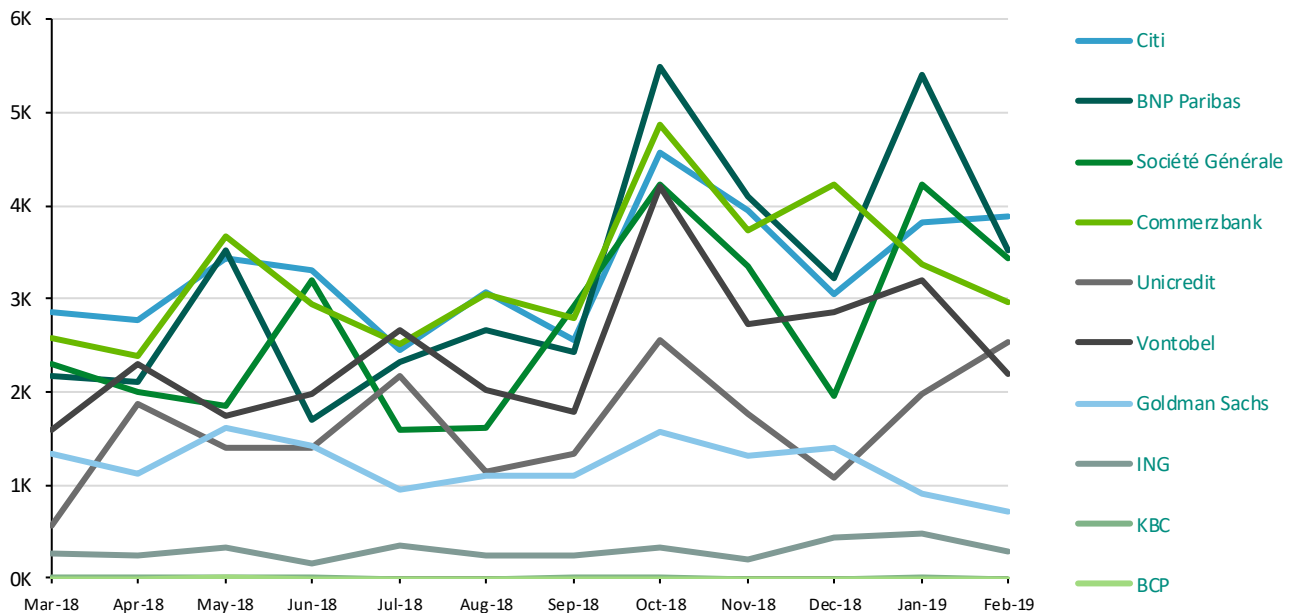
## Product Trend: Number of Live Products

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

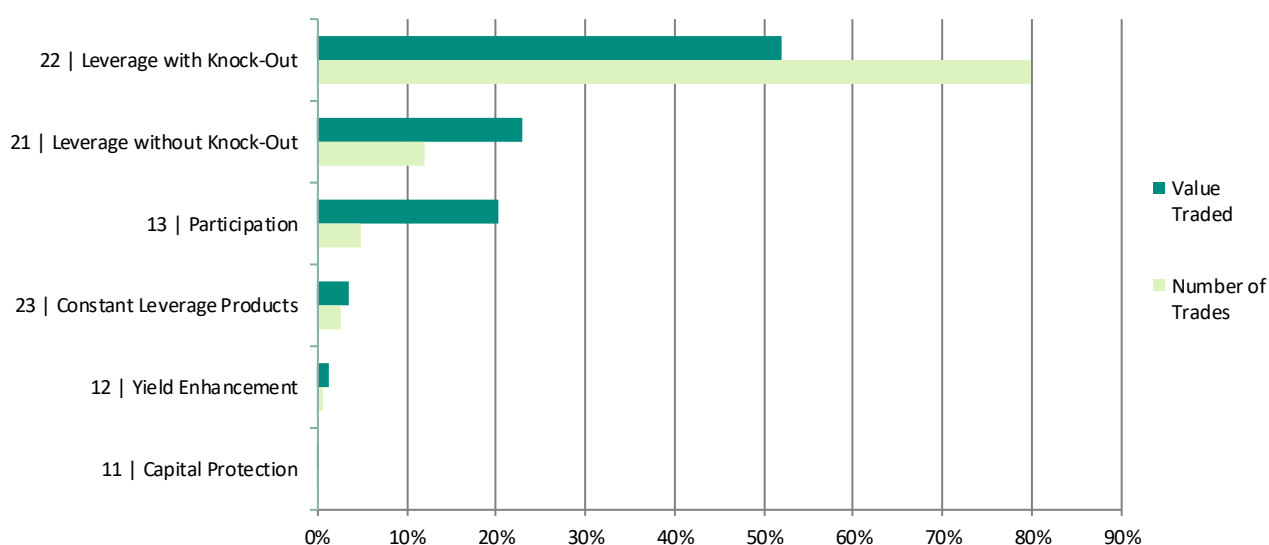
### Market Overview

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	20,195	-19.4%	-25%	52.0%	9,403	-12.2%	-10.1%	79.9%
21   Leverage without Knock-Out	8,929	6.4%	75%	23.0%	1,409	-5.4%	11.1%	12.0%
13   Participation	7,889	17.6%	140%	20.3%	570	10.9%	92.3%	4.8%
23   Constant Leverage Products	1,328	-13.4%	-31%	3.4%	317	-21.7%	-37.5%	2.7%
12   Yield Enhancement	504	9.6%	-21%	1.3%	73	4.6%	-8.1%	0.6%
11   Capital Protection	2	126%	77%	0.0%	0.1	-65.0%	-65.1%	0.0%
<b>Total</b>	<b>38,846</b>	<b>-7.9%</b>	<b>3.0%</b>	<b>100%</b>	<b>11,771</b>	<b>-10.7%</b>	<b>-6.7%</b>	<b>100%</b>

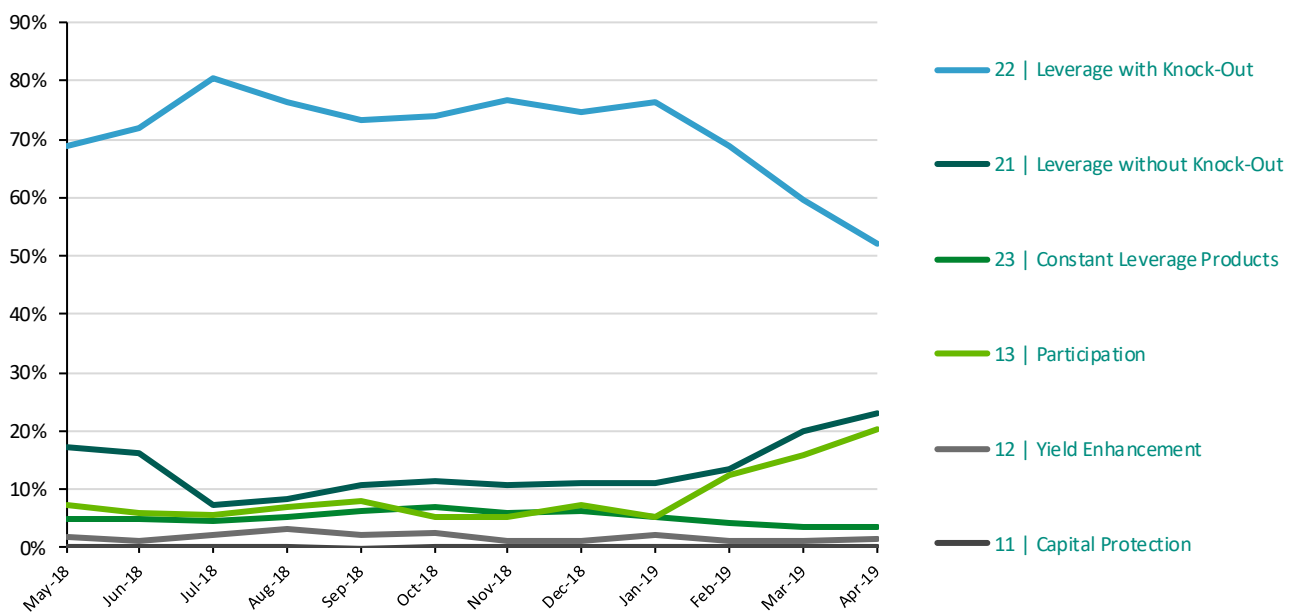
(Source Euronext)



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

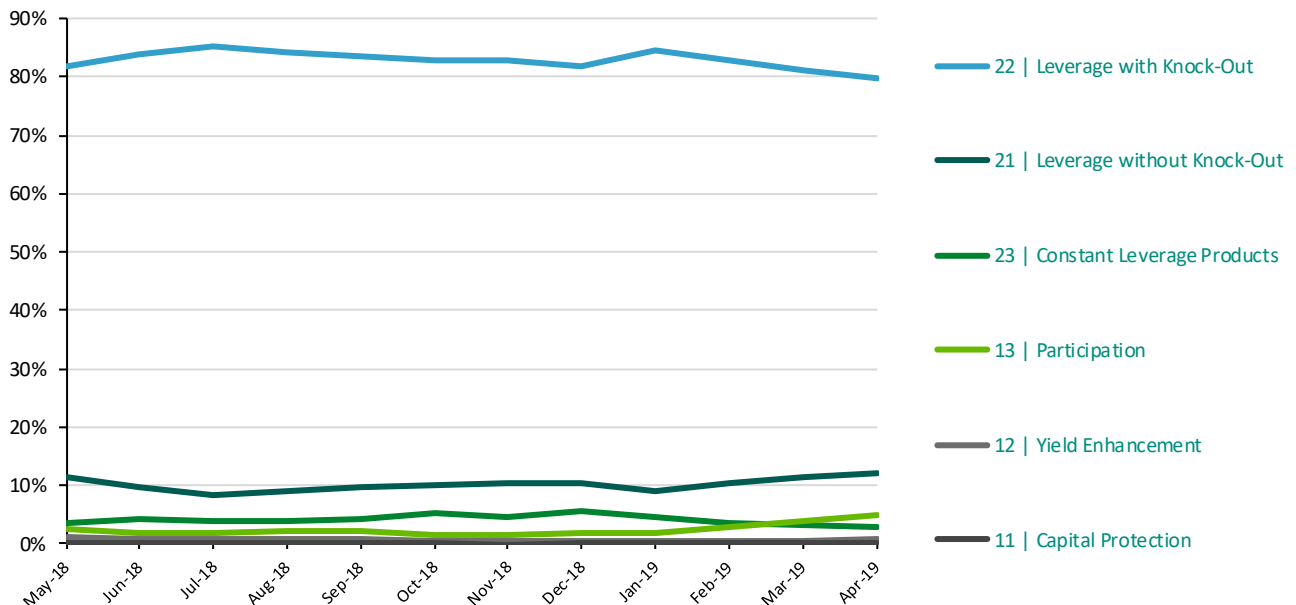
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

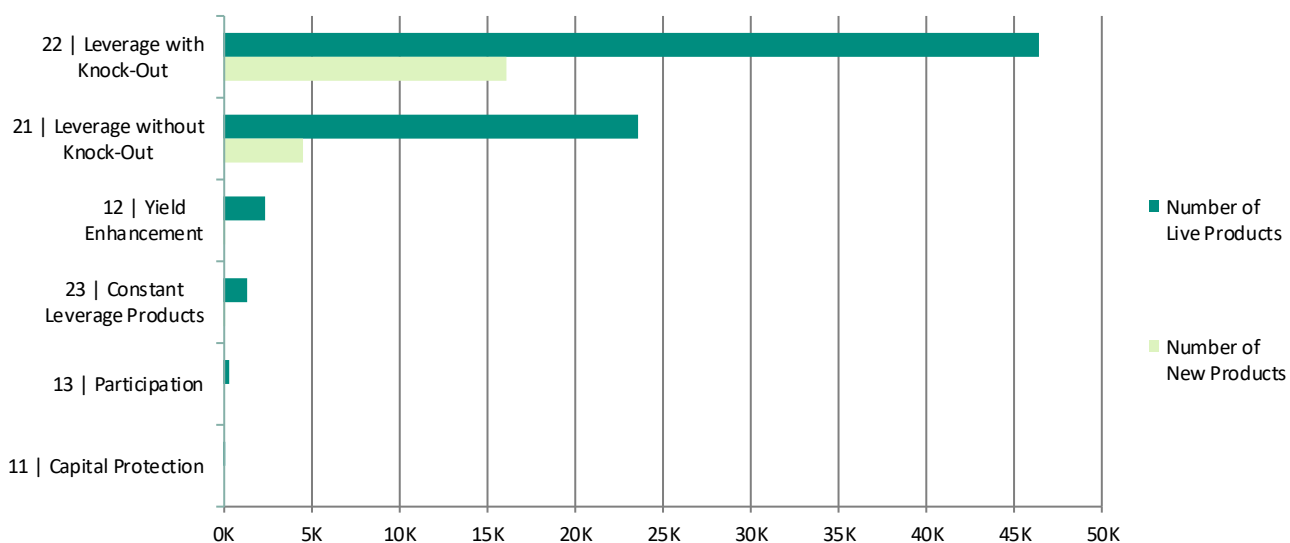
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	46,453	2.4%	6.6%	62.7%	16,115	16.9%	10.2%	77.4%
21   Leverage without Knock-Out	23,609	4.6%	9.8%	31.9%	4,522	-1.5%	10.6%	21.7%
12   Yield Enhancement	2,409	5.3%	33%	3.3%	38	-87%	-85%	0.2%
23   Constant Leverage Products	1,319	1.1%	0.1%	1.8%	132	61%	182%	0.6%
13   Participation	290	-1.7%	-4.8%	0.4%	0	-100%	-100%	0.0%
11   Capital Protection	7	0.0%	-0.8%	0.0%	0			0.0%
<b>Total</b>	<b>74,087</b>	<b>3.1%</b>	<b>8.1%</b>	<b>100%</b>	<b>20,807</b>	<b>11.0%</b>	<b>9.3%</b>	<b>100%</b>

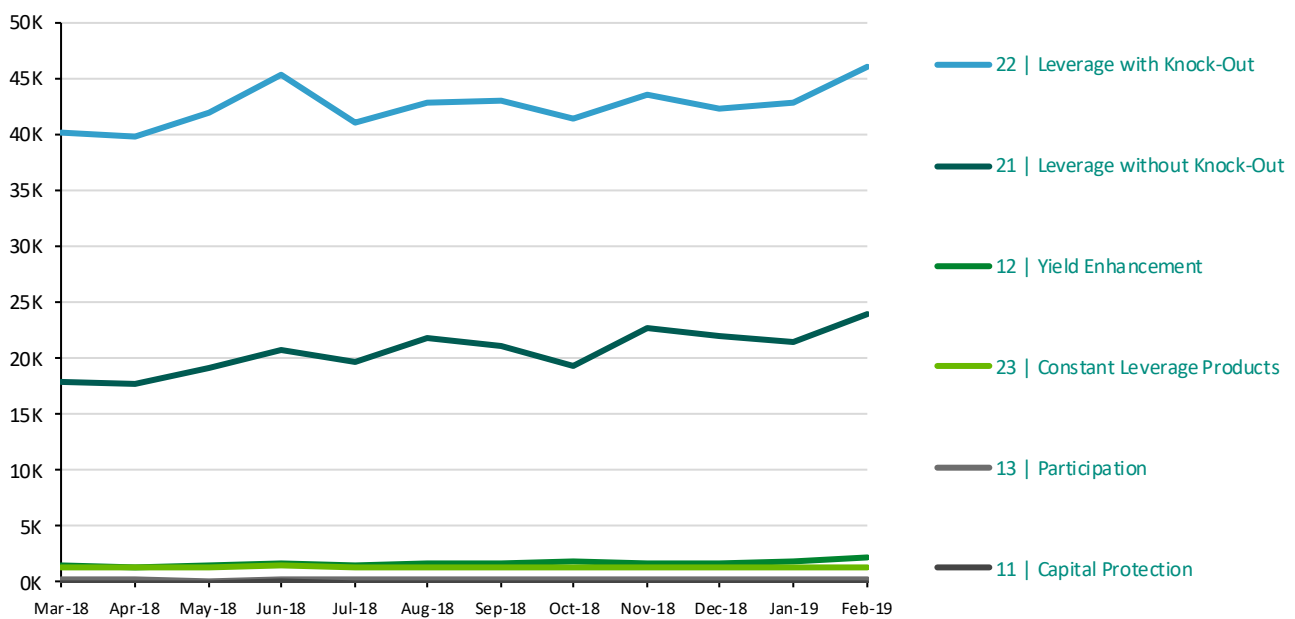
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

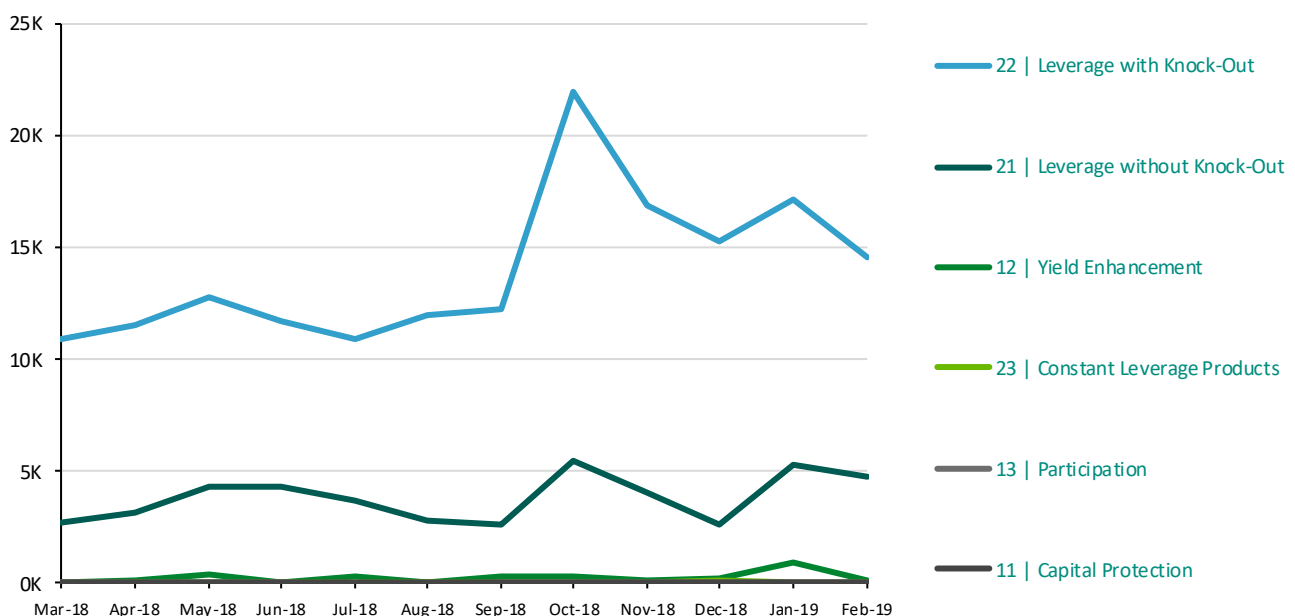
## Product Trend: Number of Live Products

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)

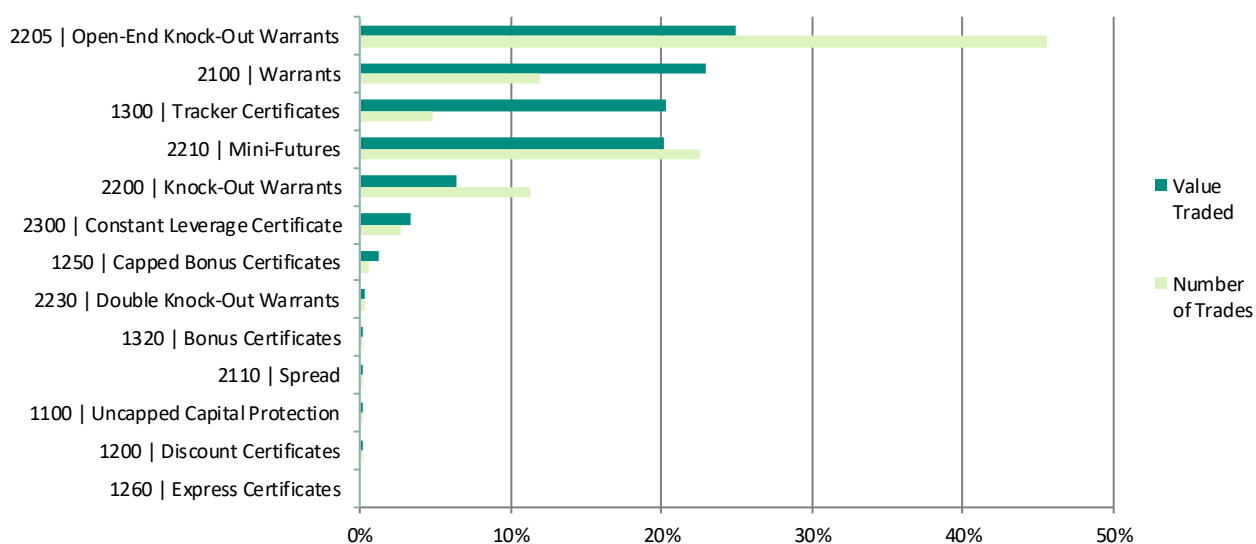
## Market Overview

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	9,681	-20%	-25%	24.9%	5,373	-11.1%	-11.0%	45.6%
2100   Warrants	8,924	1.2%	-10.4%	23.0%	1,405	-55%	-50%	11.9%
1300   Tracker Certificates	7,884	-6.0%	55%	20.3%	568	-62%	-55%	4.8%
2210   Mini-Futures	7,867	17.5%	109%	20.3%	2,664	420%	66%	22.6%
2200   Knock-Out Warrants	2,507	-37%	-23%	6.5%	1,331	-12.1%	354%	11.3%
2300   Constant Leverage Certificate	1,328	-13.4%	-31%	3.4%	317	-22%	-38%	2.7%
1250   Capped Bonus Certificates	503	9.5%	-10.9%	1.3%	72	4.2%	-7.8%	0.6%
2230   Double Knock-Out Warrants	140	13.3%	84%	0.4%	36	-10.7%	67%	0.3%
1320   Bonus Certificates	5	-50%	-92%	0.0%	1.8	89%	652%	0.0%
2110   Spread	4	-12.2%	-84%	0.0%	3.8	-18.0%	-61%	0.0%
1100   Uncapped Capital Protection	2	126%	-88%	0.0%	0.1	-65%	-97%	0.0%
1200   Discount Certificates	1	NA	-39%	0.0%	0.4	635%	-15.0%	0.0%
1260   Express Certificates	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>38,846</b>	<b>-7.9%</b>	<b>3.0%</b>	<b>100%</b>	<b>11,771</b>	<b>-10.7%</b>	<b>-6.7%</b>	<b>100%</b>

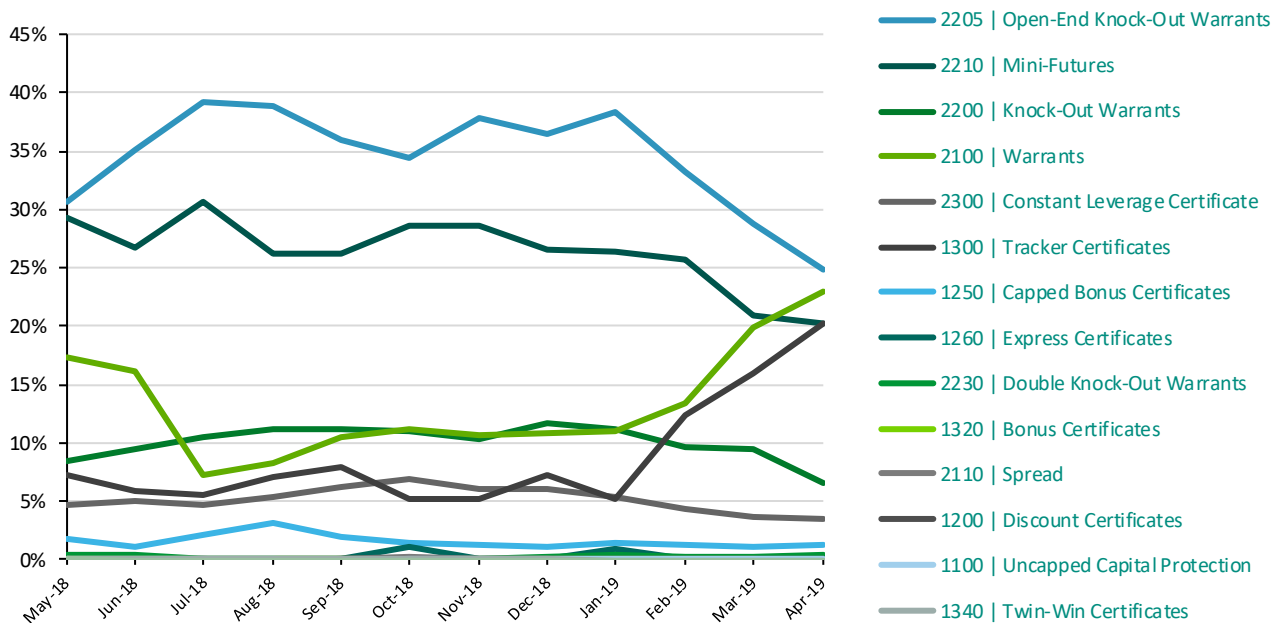
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

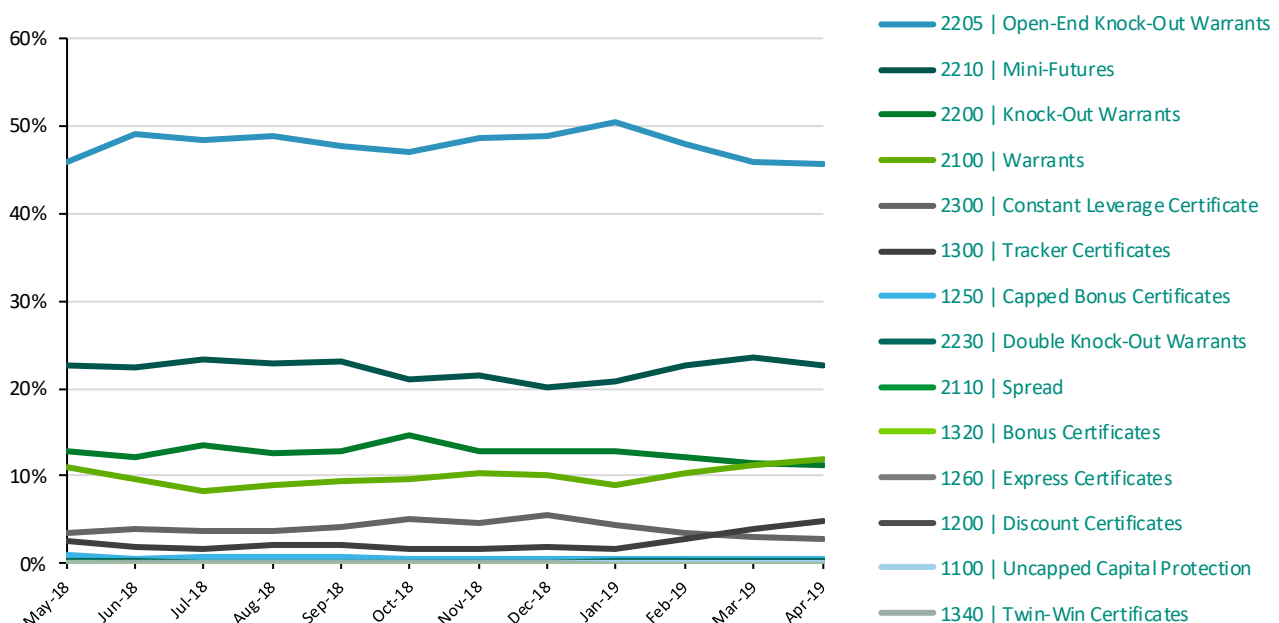
## Market Trend: Value traded

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)

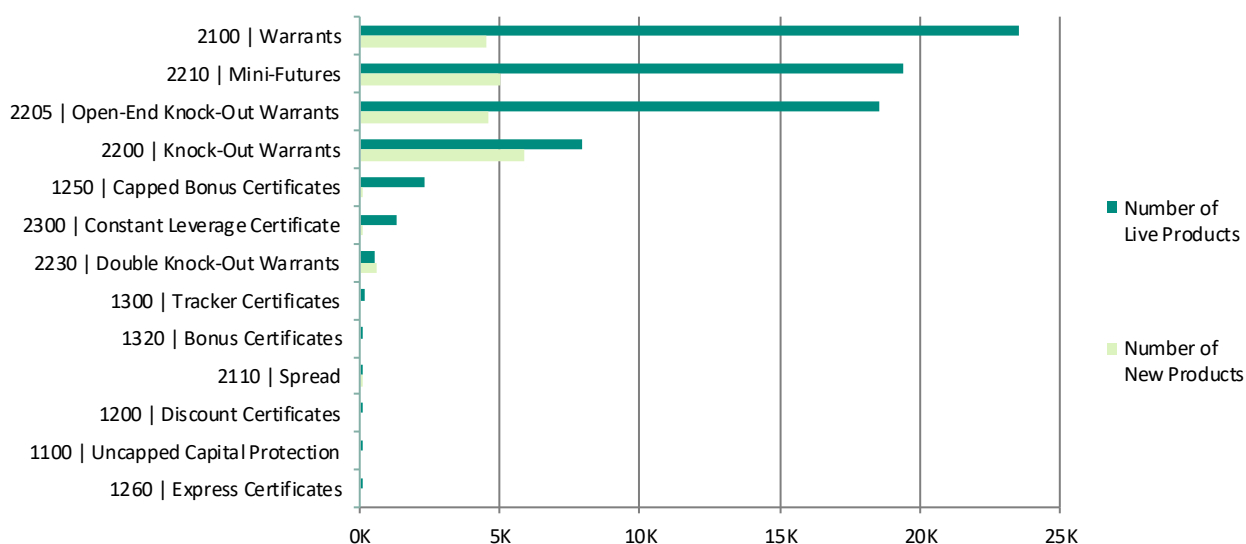
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The table below displays the daily averages of value traded and number of trades across all Euronext markets per product type (EUSIPA<sup>1</sup> categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly 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	23,519	4.7%	9.9%	31.7%	4,517	-1.5%	10.9%	21.7%
2210   Mini-Futures	19,386	5.0%	6.9%	26.2%	5,048	7.7%	27%	24.3%
2205   Open-End Knock-Out Warrants	18,546	1.5%	6.3%	25.0%	4,577	7.4%	-6.0%	22.0%
2200   Knock-Out Warrants	7,969	-2.5%	3.9%	10.8%	5,857	24%	4.3%	28.1%
1250   Capped Bonus Certificates	2,326	5.4%	34%	3.1%	38	-85%	-85%	0.2%
2300   Constant Leverage Certificate	1,319	1.1%	0.1%	1.8%	132	61%	182%	0.6%
2230   Double Knock-Out Warrants	551	19.7%	75%	0.7%	633	527%	342%	3.0%
1300   Tracker Certificates	176	-0.9%	-1.3%	0.2%	0	-100%	-100%	0.0%
1320   Bonus Certificates	114	-2.9%	-9.0%	0.2%	0		-100%	0.0%
2110   Spread	90	-11.4%	-11.8%	0.1%	5	25%	-68%	0.0%
1200   Discount Certificates	81	3.5%	11.8%	0.1%	0	-100%	-100%	0.0%
1100   Uncapped Capital Protection	7	0.0%	-0.8%	0.0%	0			0.0%
1260   Express Certificates	2	-18.8%	83%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>74,087</b>	<b>3.1%</b>	<b>8.1%</b>	<b>100%</b>	<b>20,807</b>	<b>11.0%</b>	<b>9.3%</b>	<b>100%</b>

(Source Euronext)

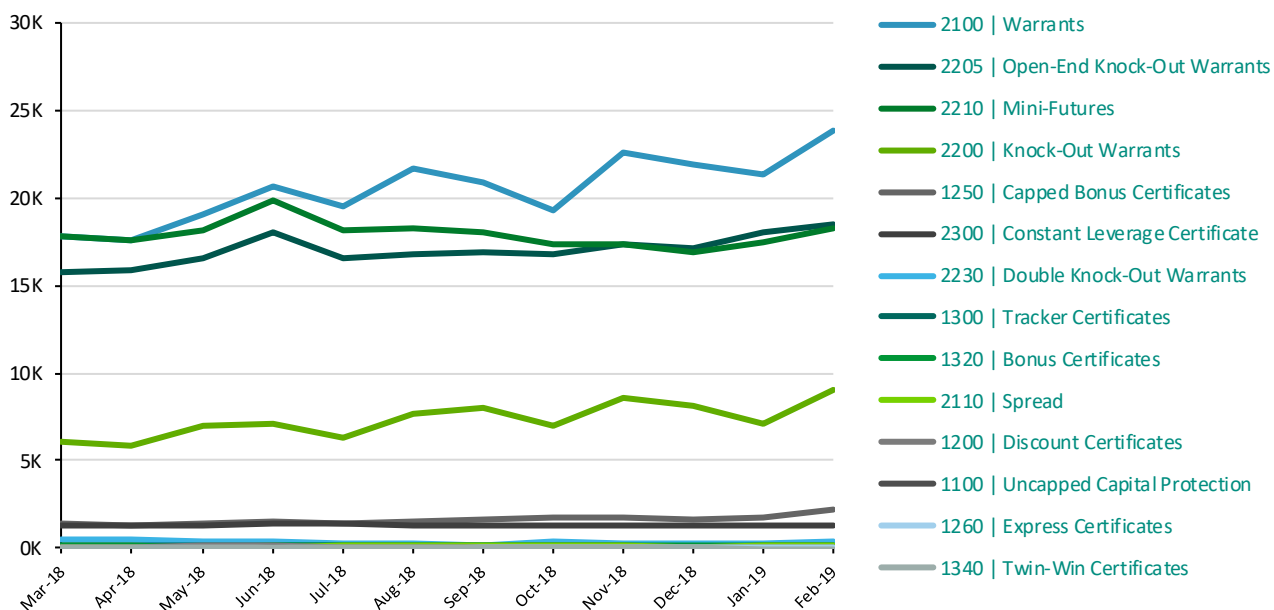




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

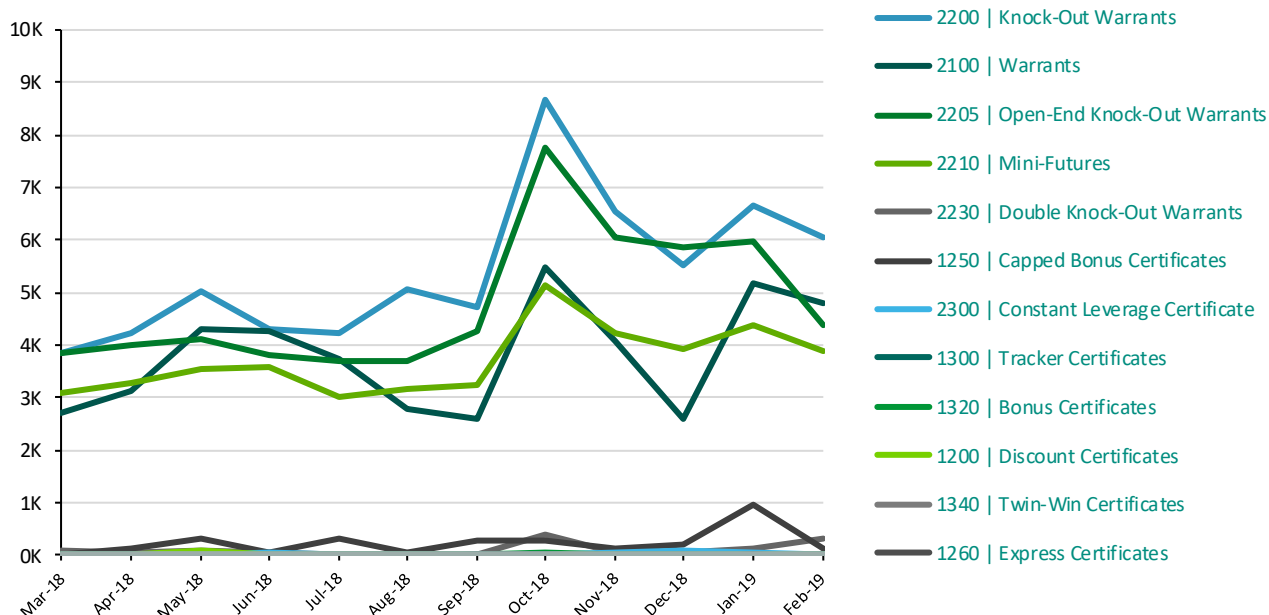
## Product Trend: Number of Live Products

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

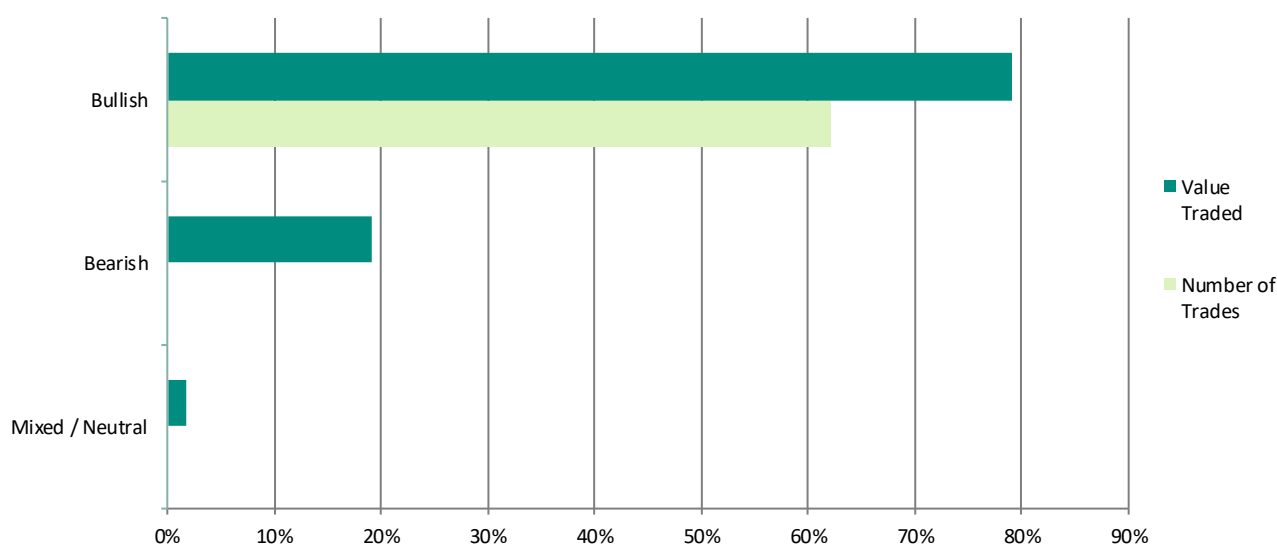
## Market Overview

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	30,754	2.7%	19.5%	79.2%	7,312	-11.1%	-9.7%	62.1%
Bearish	7,441	-36%	-34%	19.2%	0.0	-100%	-100%	0.0%
Mixed / Neutral	651	8.6%	-3.9%	1.7%	0.0	-100%	-100%	0.0%
Total	38,846	-7.9%	3.0%	100%	11,771	-10.7%	-6.7%	100%

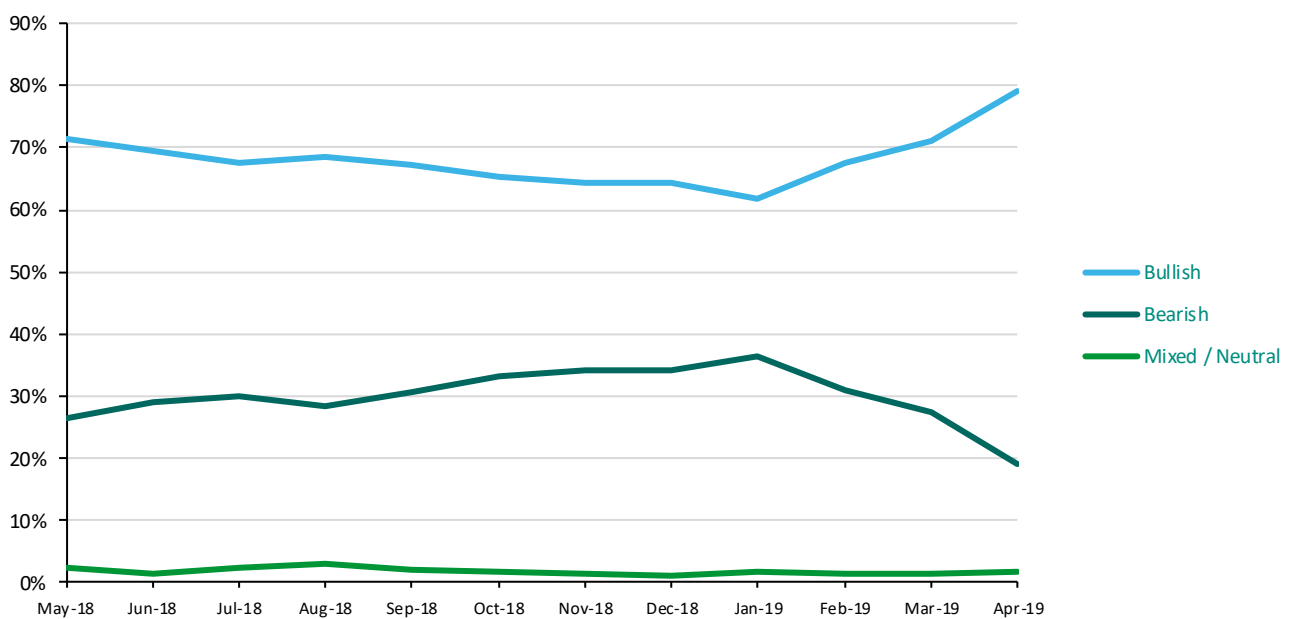
(Source Euronext)



# PRODUCT STRATEGIES

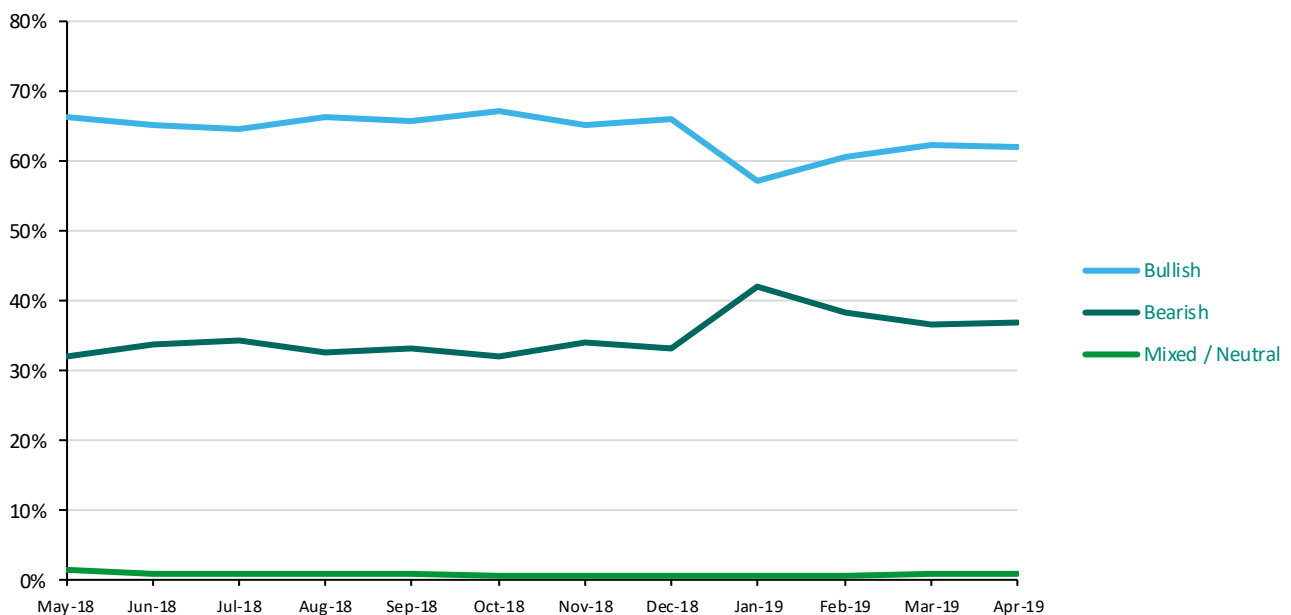
## Market Trend: Value traded

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

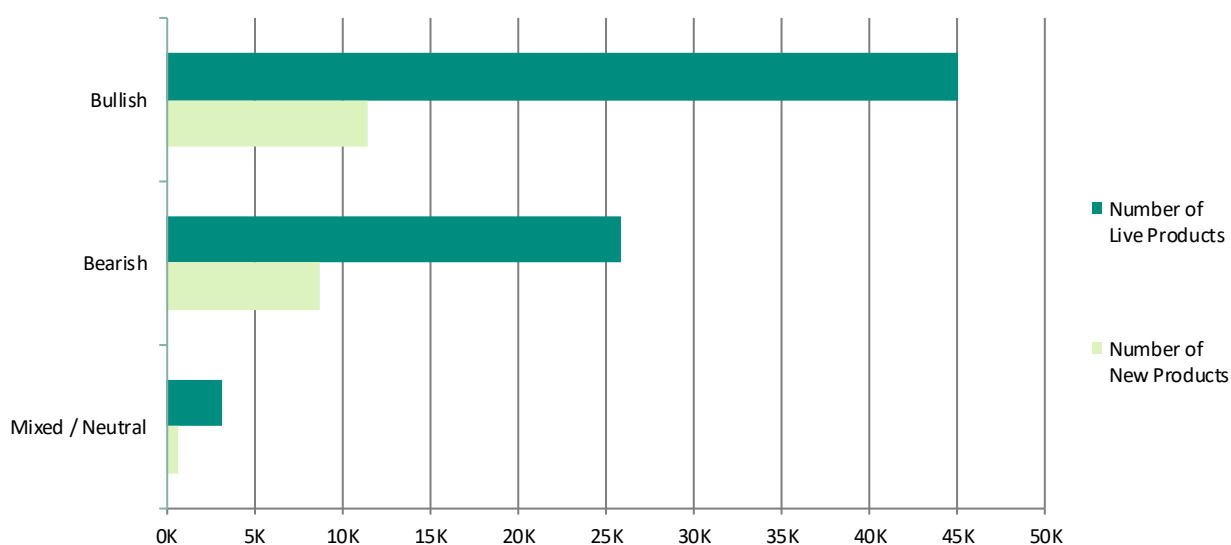
## Product Overview

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	45,050	5.4%	15.2%	60.8%	11,395	24%	11.7%	54.8%
Bearish	25,867	-1.0%	-4.4%	34.9%	8,728	-4.5%	3.9%	41.9%
Mixed / Neutral	3,170	7.0%	34%	4.3%	684	55%	61%	3.3%
Total	74,087	3.1%	8.1%	100%	20,807	11.0%	9.3%	100%

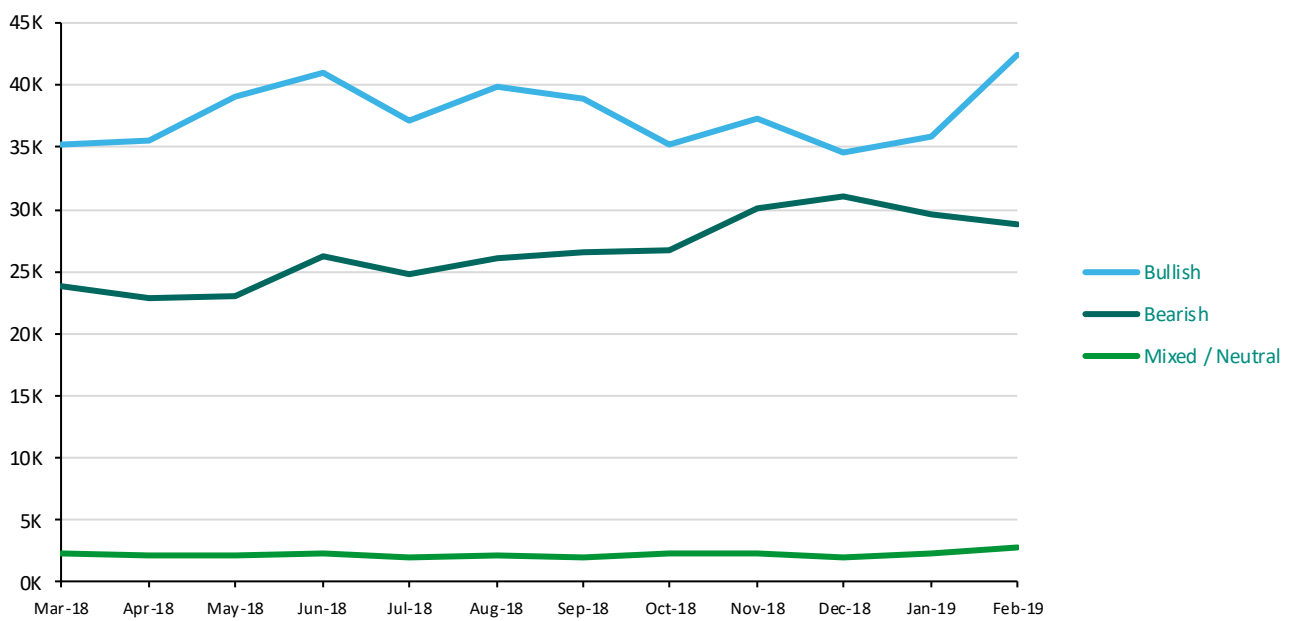
(Source Euronext)



# PRODUCT STRATEGIES

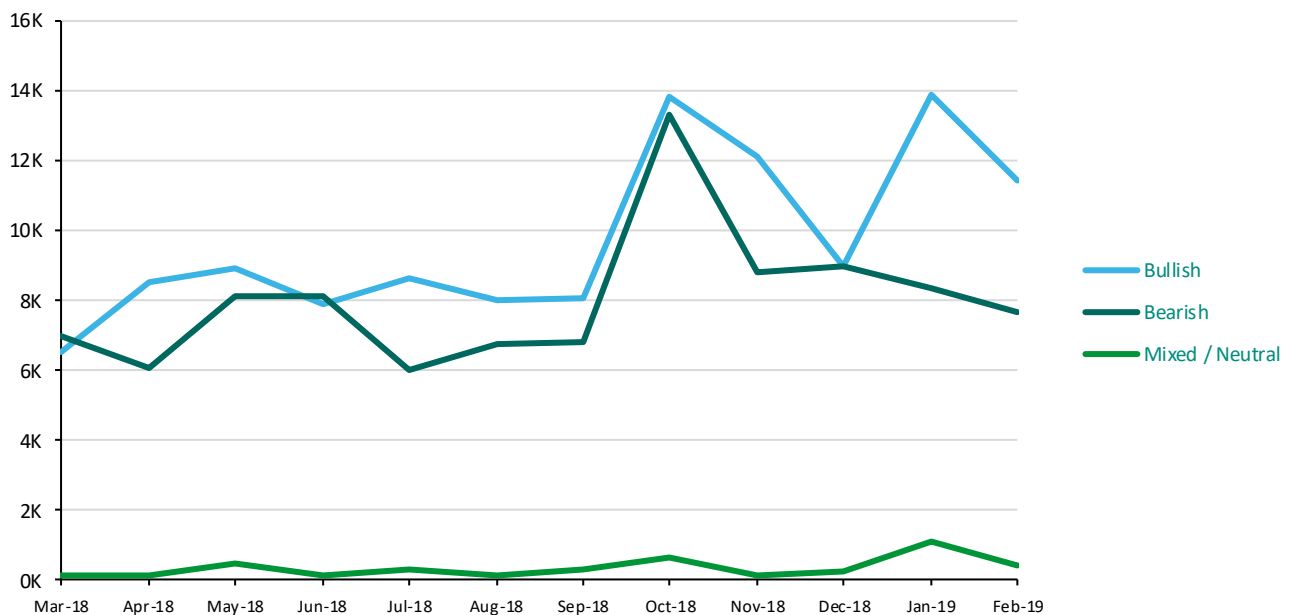
## Product Trend: Number of Live Products

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

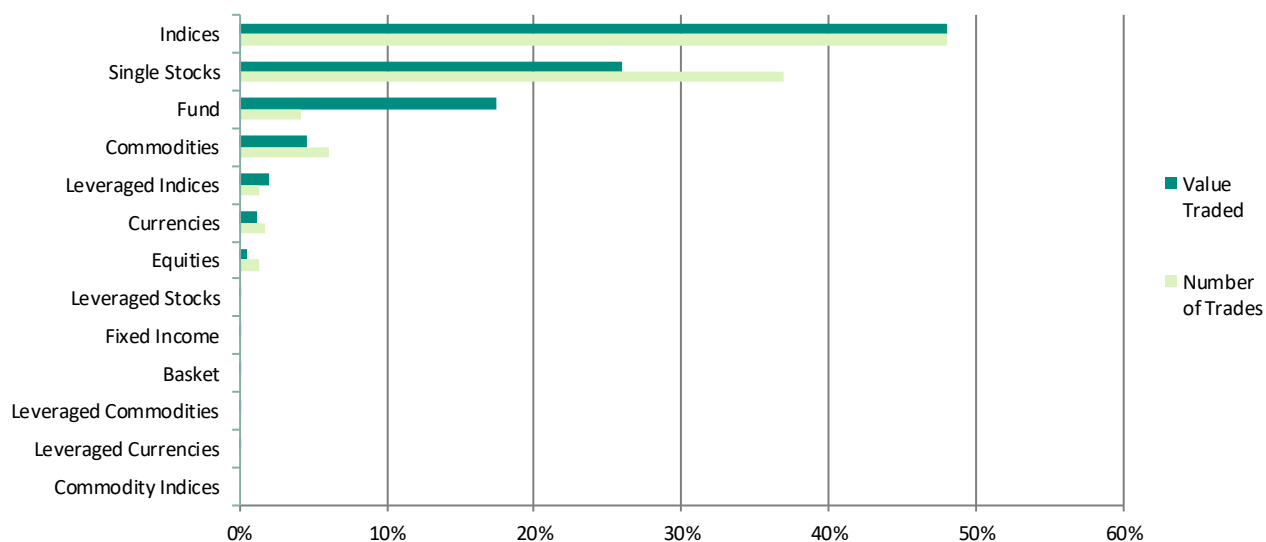
## Market Overview

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	18,674	-16.2%	-7.9%	48.1%	5,653	-16.6%	-12.7%	48.0%
Single Stocks	10,082	11.8%	1.3%	26.0%	4,357	0.5%	-0.2%	37.0%
Fund	6,802	8.6%	190%	17.5%	486	4.0%	216.7%	4.1%
Commodities	1,761	-11.8%	-13.0%	4.5%	720	-14.2%	-6.5%	6.1%
Leveraged Indices	773	-38%	-50%	2.0%	162	-44.3%	-50.8%	1.4%
Currencies	448	-51%	-60%	1.2%	201	-7.8%	-25.6%	1.7%
Equities	223	-36%	-31%	0.6%	156	-24.3%	-14.9%	1.3%
Leveraged Stocks	28	-39%	-58%	0.1%	11	-59.7%	-67.8%	0.1%
Fixed Income	28	-29%	1.9%	0.1%	16	442.5%	33.8%	0.1%
Basket	13	2.6%	-48%	0.0%	2.3	-74.2%	-87.3%	0.0%
Leveraged Commodities	13	106%	-24%	0.0%	7.6	-9.8%	322.2%	0.1%
Leveraged Currencies	0	-79%	-90%	0.0%	0.1	-73.8%	-78.0%	0.0%
Commodity Indices	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
<b>Total</b>	<b>38,846</b>	<b>-7.9%</b>	<b>3.0%</b>	<b>100%</b>	<b>11,771</b>	<b>-10.7%</b>	<b>-6.7%</b>	<b>100%</b>

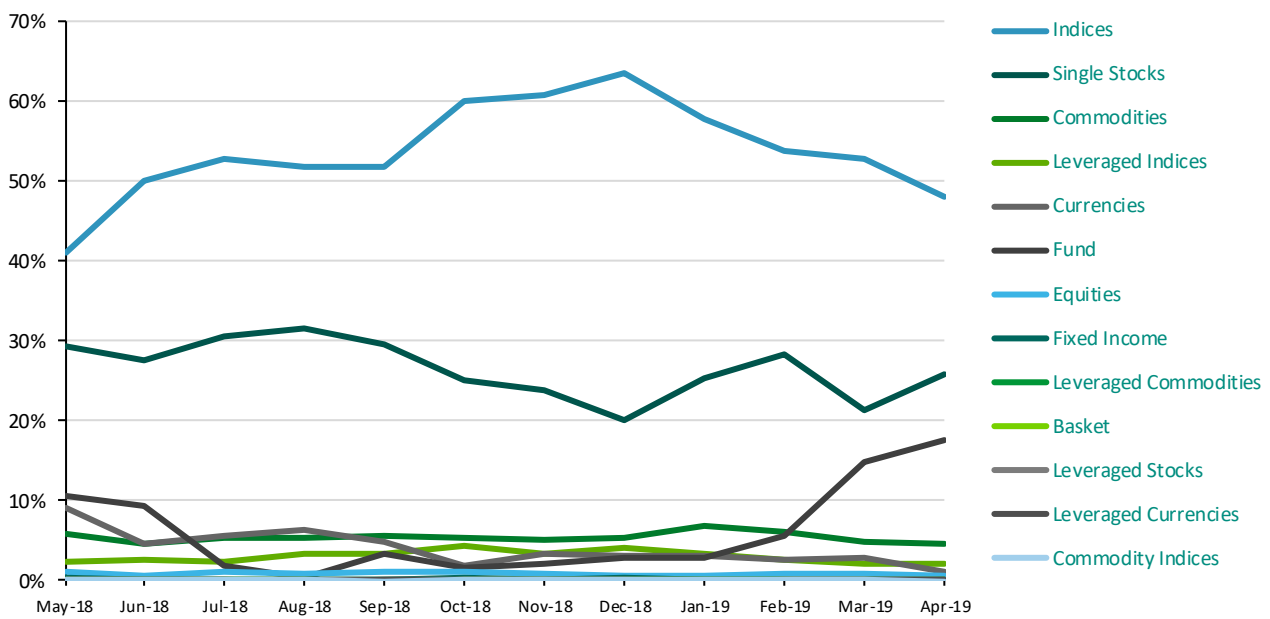
(Source Euronext)



# UNDERLYING TYPES

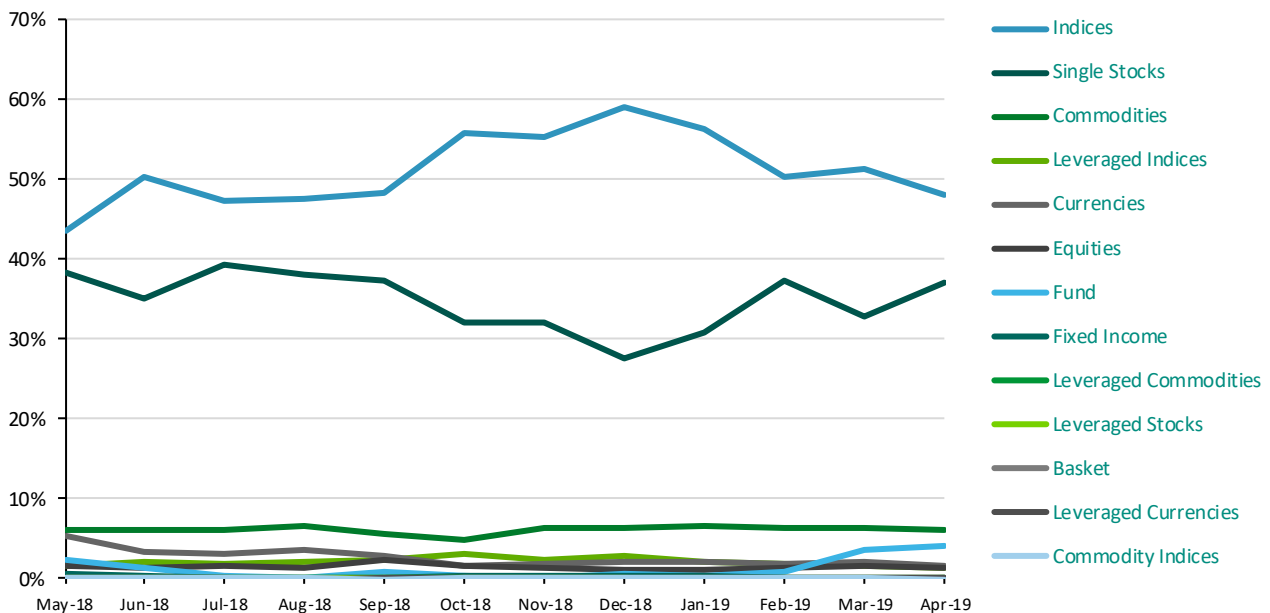
## Market Trend: Value traded

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

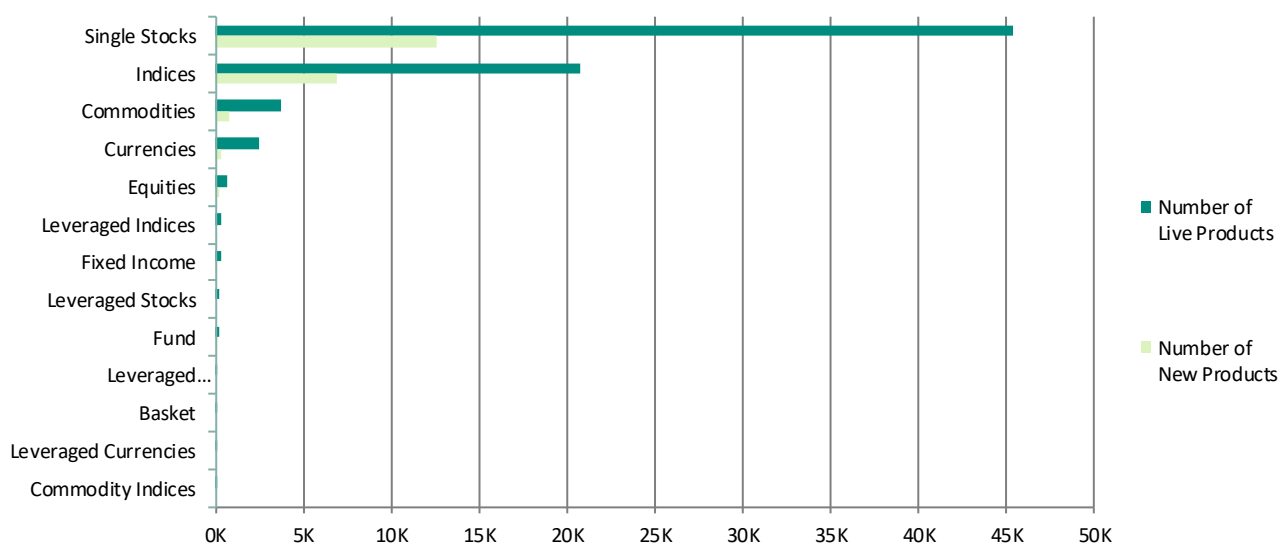
## Product Overview

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	45,390	3.4%	8.4%	61.3%	12,563	25%	20%	60.4%
Indices	20,723	3.0%	8.2%	28.0%	6,912	-2.4%	-3.0%	33.2%
Commodities	3,763	3.6%	8.6%	5.1%	768	3.5%	3.0%	3.7%
Currencies	2,457	0.3%	3.1%	3.3%	341	-47%	-27%	1.6%
Equities	678	3.4%	31%	0.9%	206	22%	-2.6%	1.0%
Leveraged Indices	353	-3.2%	-7.8%	0.5%	0		-100%	0.0%
Fixed Income	298	-2.3%	-6.9%	0.4%	9	-83%	-41%	0.0%
Leveraged Stocks	160	-1.8%	20%	0.2%	0		-100%	0.0%
Fund	156	4.5%	18.0%	0.2%	8	33%	50%	0.0%
Leveraged Commodities	82	-7.4%	-37%	0.1%	0		-100%	0.0%
Basket	18	-0.5%	-2.6%	0.0%	0			0.0%
Leveraged Currencies	8	0.0%	-15.7%	0.0%	0			0.0%
Commodity Indices	1	0.0%	-44%	0.0%	0			0.0%
<b>Total</b>	<b>74,087</b>	<b>3.1%</b>	<b>8.1%</b>	<b>100%</b>	<b>20,807</b>	<b>11.0%</b>	<b>9.3%</b>	<b>100%</b>

(Source Euronext)

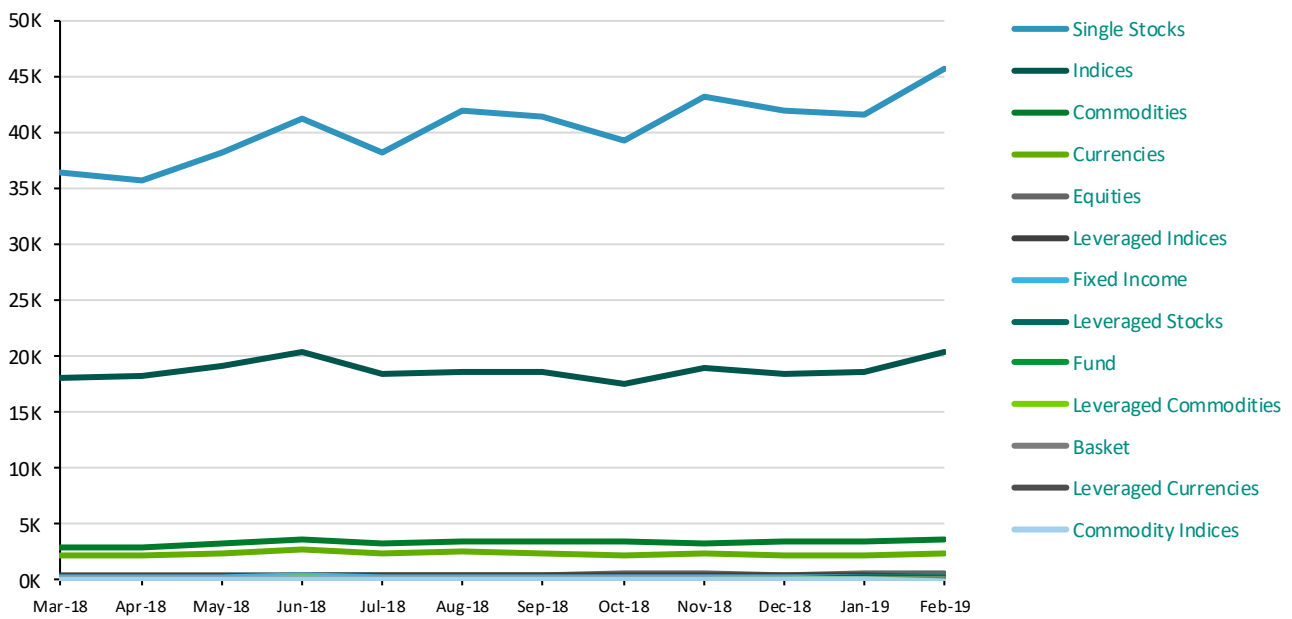




# UNDERLYING TYPES

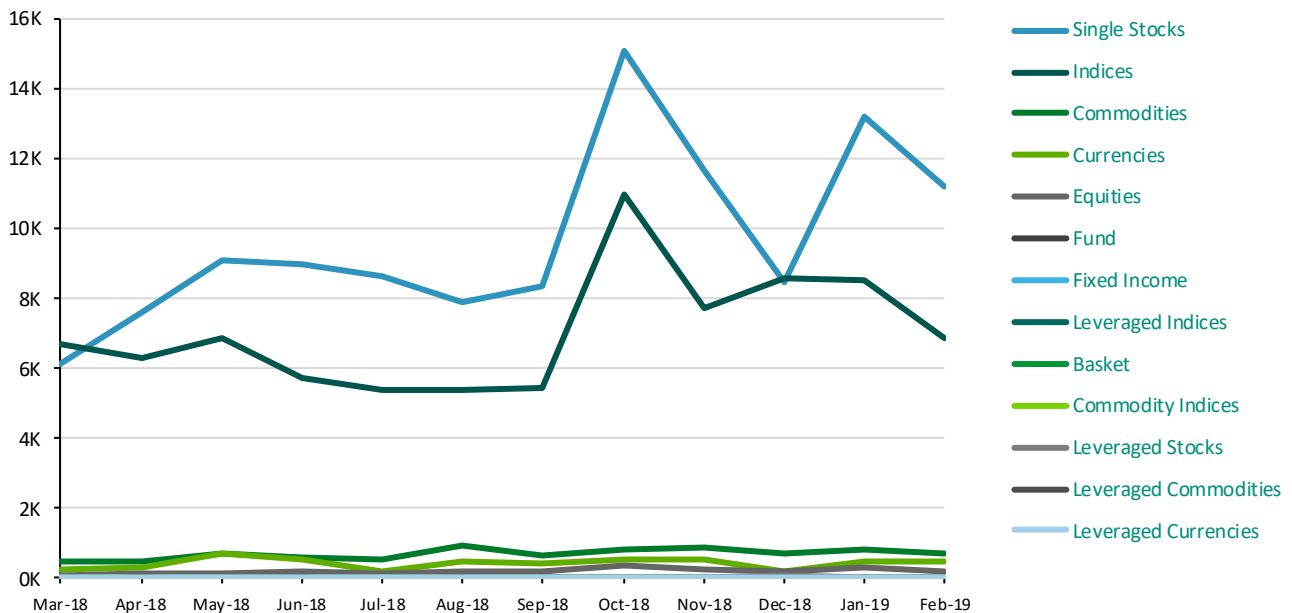
## Product Trend: Number of Live Products

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

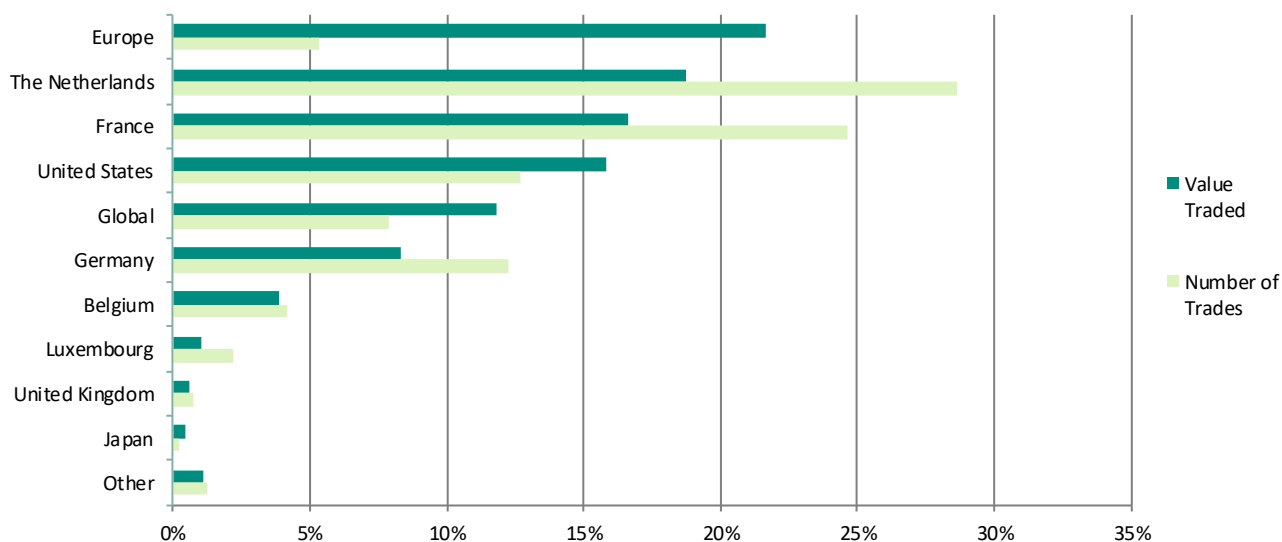
## Market Overview

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
Europe	8,425	-12.4%	-21%	21.7%	629	-84.2%	-84.2%	5.3%
The Netherlands	7,291	-6.9%	-15.9%	18.8%	3,373	95%	-6.6%	28.7%
France	6,465	-15.5%	6.7%	16.6%	2,902	368%	86%	24.7%
United States	6,141	-15.8%	57%	15.8%	1,495	-56%	3.5%	12.7%
Global	4,588	13.4%	39%	11.8%	927	-8.4%	272%	7.9%
Germany	3,231	-4.5%	11.1%	8.3%	1,440	1.5%	63%	12.2%
Belgium	1,492	47%	51%	3.8%	490	12.2%	22%	4.2%
Luxembourg	390	-10.6%	-16.5%	1.0%	258	-4.1%	16.1%	2.2%
United Kingdom	217	-35%	-35%	0.6%	84	-28%	-13.5%	0.7%
Japan	173	27%	76%	0.4%	26	39%	29%	0.2%
Other	433	1.9%	10.2%	1.1%	147	-15.8%	7.5%	1.2%
<b>Total</b>	<b>38,846</b>	<b>-7.9%</b>	<b>3.0%</b>	<b>100%</b>	<b>11,771</b>	<b>-10.7%</b>	<b>-6.7%</b>	<b>100%</b>

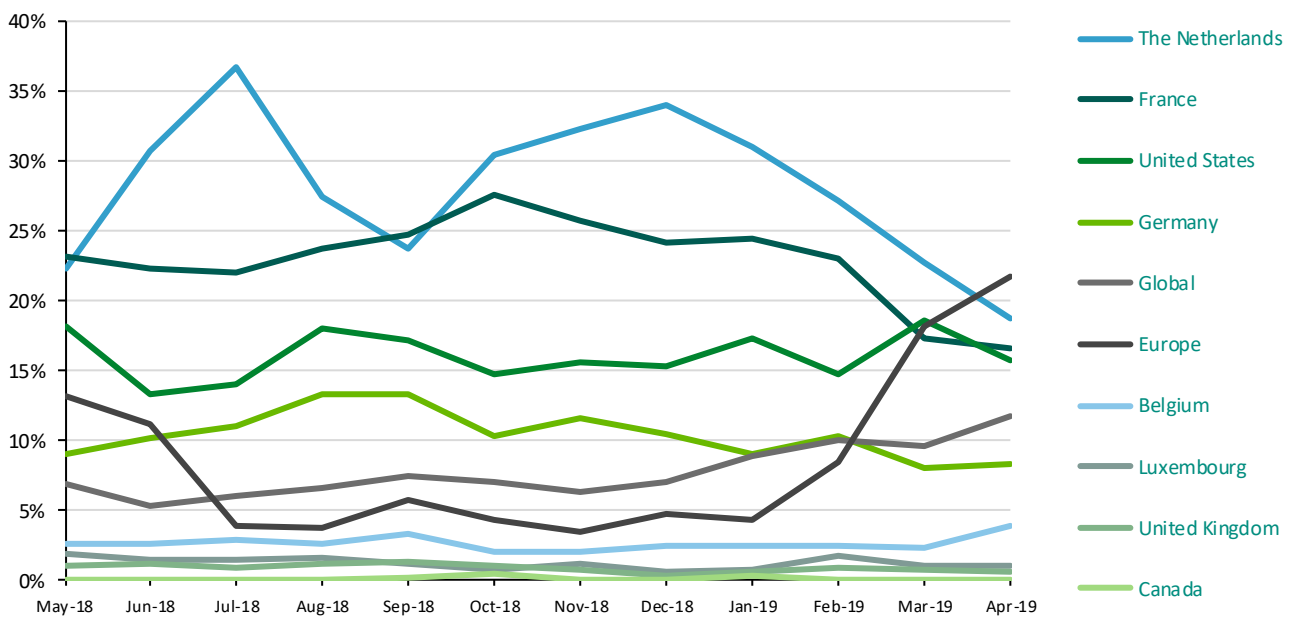
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

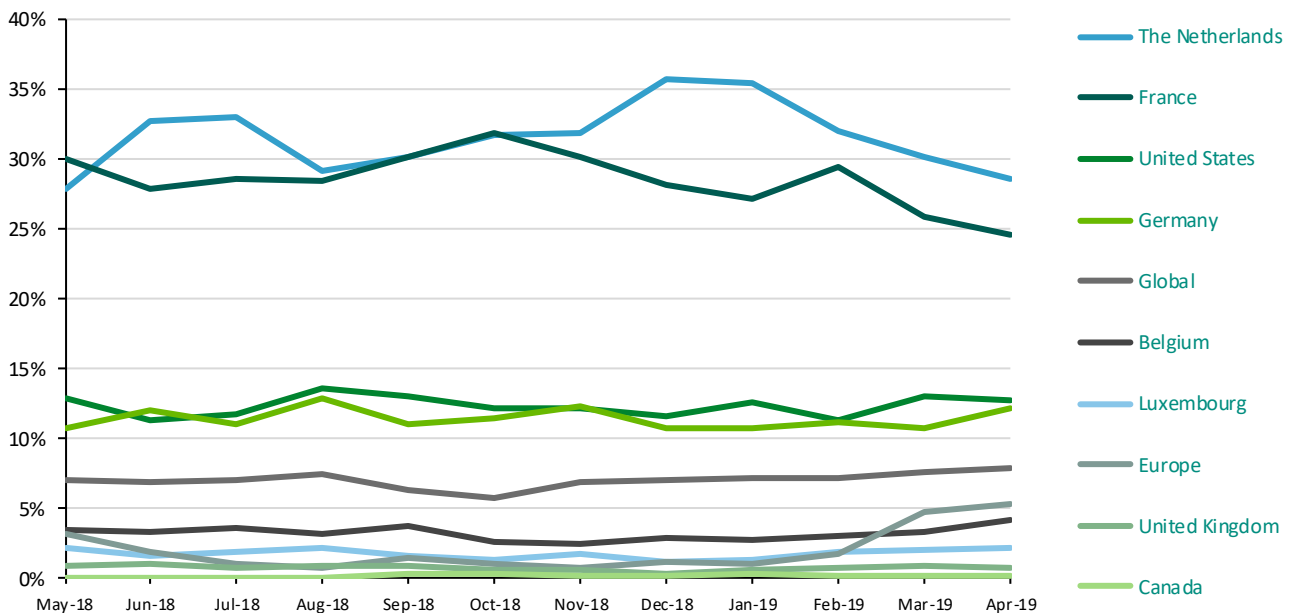
## Market Trend: Value traded

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

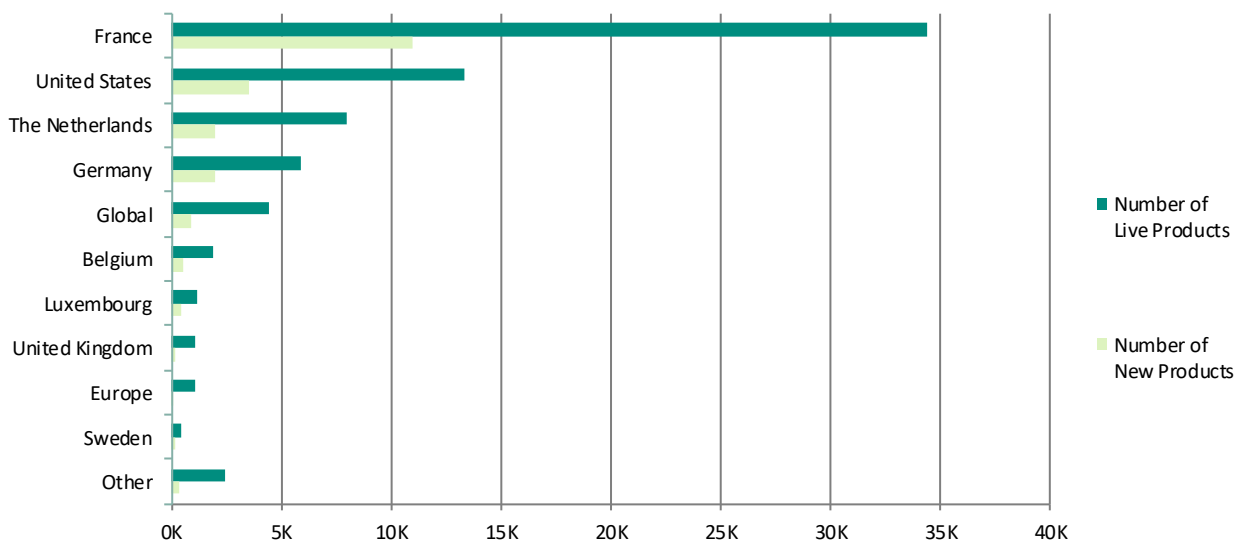
## Product Overview

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	34,390	2.0%	8.5%	46.4%	10,931	24%	14.6%	52.5%
United States	13,369	6.3%	19.0%	18.0%	3,480	-17.0%	-0.3%	16.7%
The Netherlands	7,984	3.7%	2.1%	10.8%	1,940	27%	6.7%	9.3%
Germany	5,871	4.8%	2.2%	7.9%	1,940	10.4%	12.1%	9.3%
Global	4,462	2.9%	6.7%	6.0%	859	-1.0%	2.3%	4.1%
Belgium	1,888	8.2%	12.3%	2.5%	502	36%	47%	2.4%
Luxembourg	1,137	-3.3%	-16.3%	1.5%	414	70%	3.5%	2.0%
United Kingdom	1,108	2.3%	16.0%	1.5%	136	-52%	-32%	0.7%
Europe	1,028	-1.5%	1.8%	1.4%	99	-38%	-37%	0.5%
Sweden	427	-1.8%	-2.2%	0.6%	121	42%	22%	0.6%
Other	2,423	-0.3%	1.2%	3.3%	385	-8.6%	-7.8%	1.9%
<b>Total</b>	<b>74,087</b>	<b>3.1%</b>	<b>8.1%</b>	<b>100%</b>	<b>20,807</b>	<b>11.0%</b>	<b>9.3%</b>	<b>100%</b>

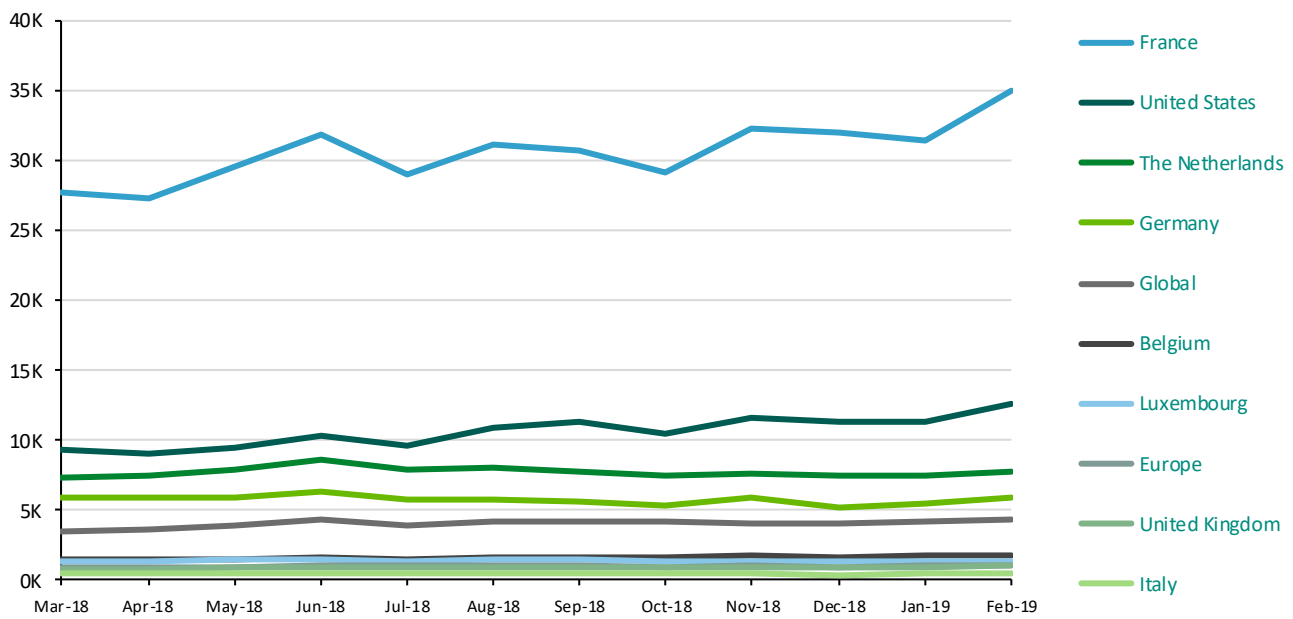
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

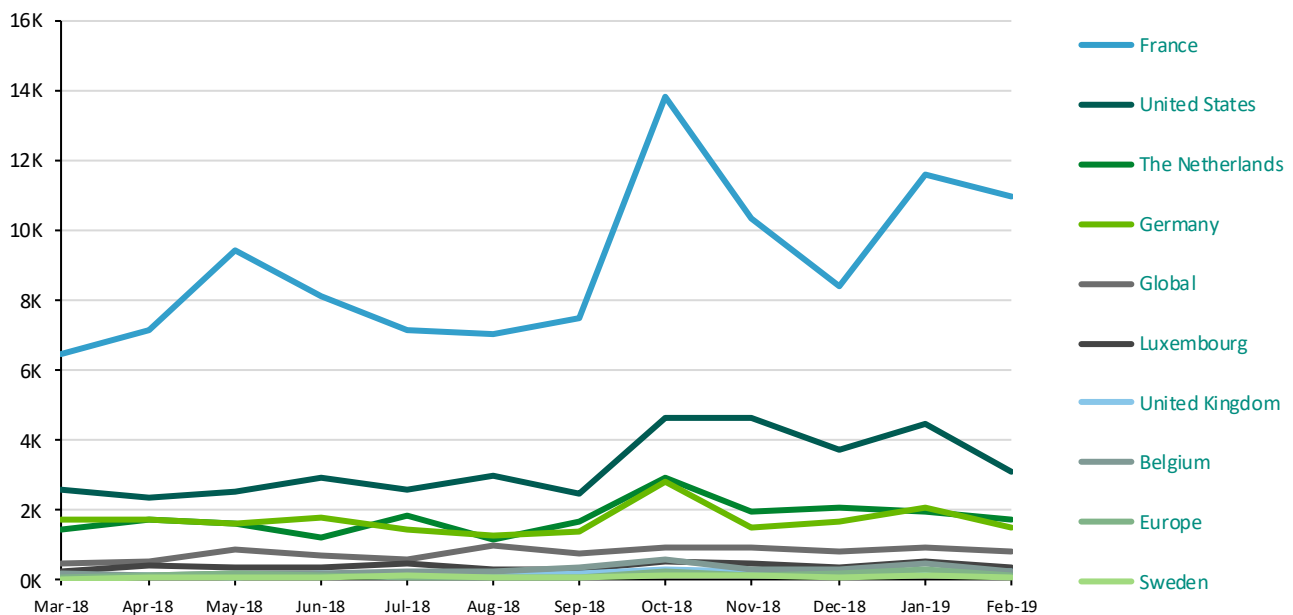
## Product Trend: Number of Live Products

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

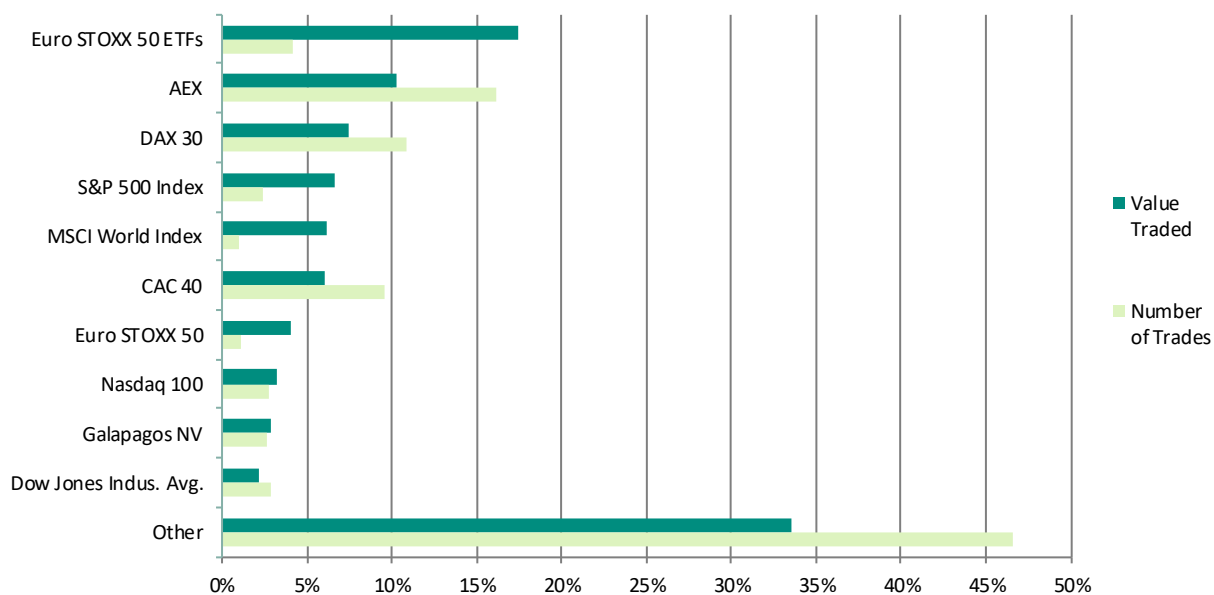
## Market Overview

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
Euro STOXX 50 ETFs	6,796	0.9%	-6.5%	17.5%	485	-81.1%	-80.6%	4.1%
AEX	3,996	-36%	6.4%	10.3%	1,904	308%	22%	16.2%
DAX 30	2,895	-7.7%	-18.8%	7.5%	1,283	-14.5%	-0.1%	10.9%
S&P 500 Index	2,568	-15.6%	9.4%	6.6%	280	-77%	83%	2.4%
MSCI World Index	2,414	-10.4%	67%	6.2%	112	-63%	-61%	0.9%
CAC 40	2,333	30%	83%	6.0%	1,120	NA	435%	9.5%
Euro STOXX 50	1,590	9.8%	27%	4.1%	128	-70%	-62%	1.1%
Nasdaq 100	1,245	-13.3%	24%	3.2%	330	-14.0%	0.8%	2.8%
Galapagos NV	1,101	-19.7%	22%	2.8%	303	115%	255%	2.6%
Dow Jones Indus. Avg.	862	-22%	22%	2.2%	338	51%	46%	2.9%
Other	13,046	-0.7%	-8.2%	33.6%	5,489		-2.6%	46.6%
<b>Total</b>	<b>38,846</b>	<b>-7.9%</b>	<b>3.0%</b>	<b>100%</b>	<b>11,771</b>	<b>-10.7%</b>	<b>-6.7%</b>	<b>100%</b>

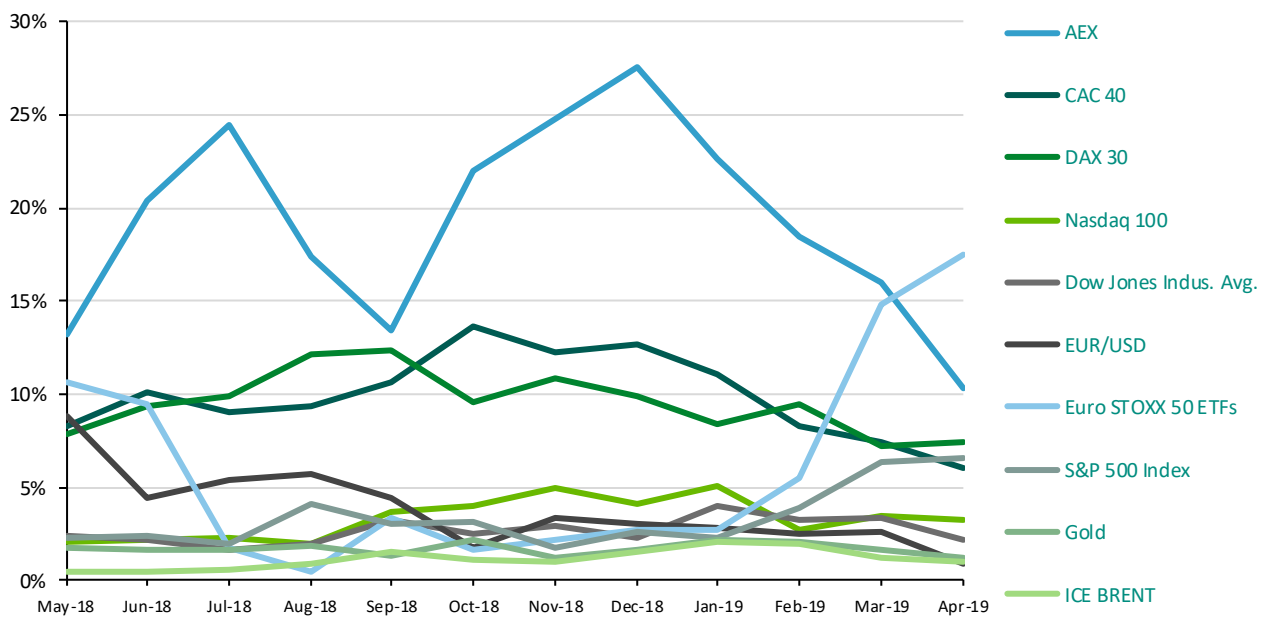
(Source Euronext)



# TOP 10 UNDERLYINGS

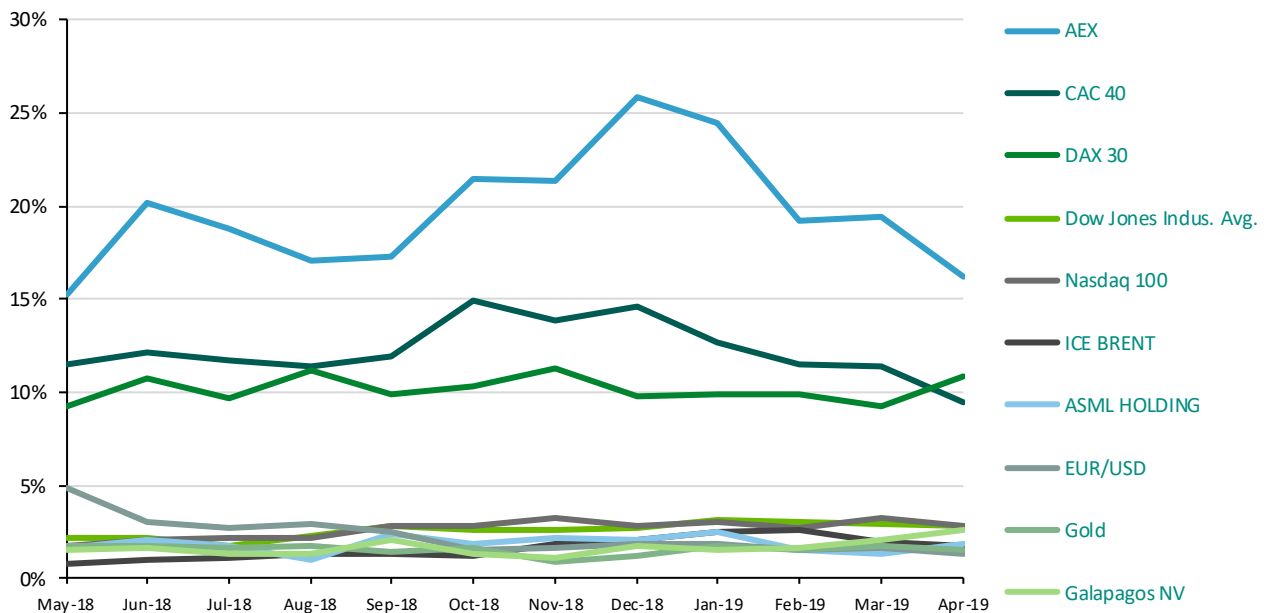
## Market Trend: Value traded

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

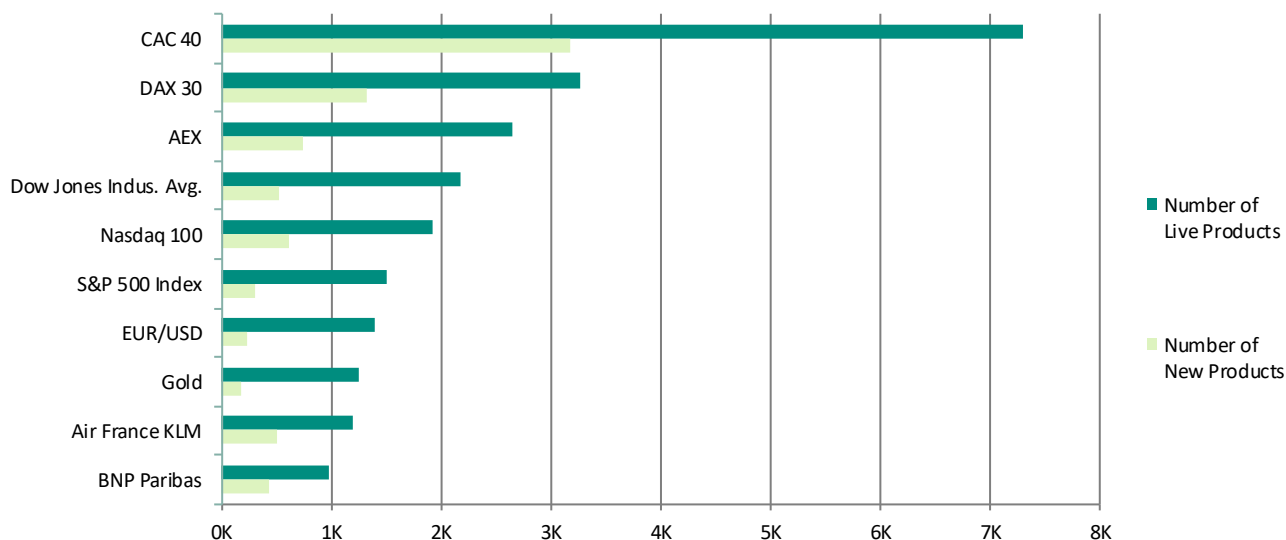
## Product Overview

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	7,300	2.7%	10.3%	9.9%	3,172	-9.0%	-2.9%	15.2%
DAX 30	3,275	3.1%	0.1%	4.4%	1,331	17.7%	7.3%	6.4%
AEX	2,641	5.6%	0.6%	3.6%	745	60%	7.0%	3.6%
Dow Jones Indus. Avg.	2,175	2.7%	18.9%	2.9%	529	-17.0%	-24%	2.5%
Nasdaq 100	1,913	6.4%	25%	2.6%	611	-16.5%	-2.0%	2.9%
S&P 500 Index	1,509	2.4%	12.2%	2.0%	302	-8.2%	-10.1%	1.5%
EUR/USD	1,388	-0.9%	-1.0%	1.9%	232	-30%	-16.1%	1.1%
Gold	1,247	0.3%	5.5%	1.7%	173	-24%	-17.9%	0.8%
Air France KLM	1,192	3.6%	10.5%	1.6%	508	66%	19.9%	2.4%
BNP Paribas	976	1.0%	1.7%	1.3%	434	74%	68%	2.1%
Other	50,470	3.2%	8.1%	68.1%	12,770	17.7%	16.1%	61.4%
<b>Total</b>	<b>74,087</b>	<b>3.1%</b>	<b>8.1%</b>	<b>100%</b>	<b>20,807</b>	<b>11.0%</b>	<b>9.3%</b>	<b>100%</b>

(Source Euronext)

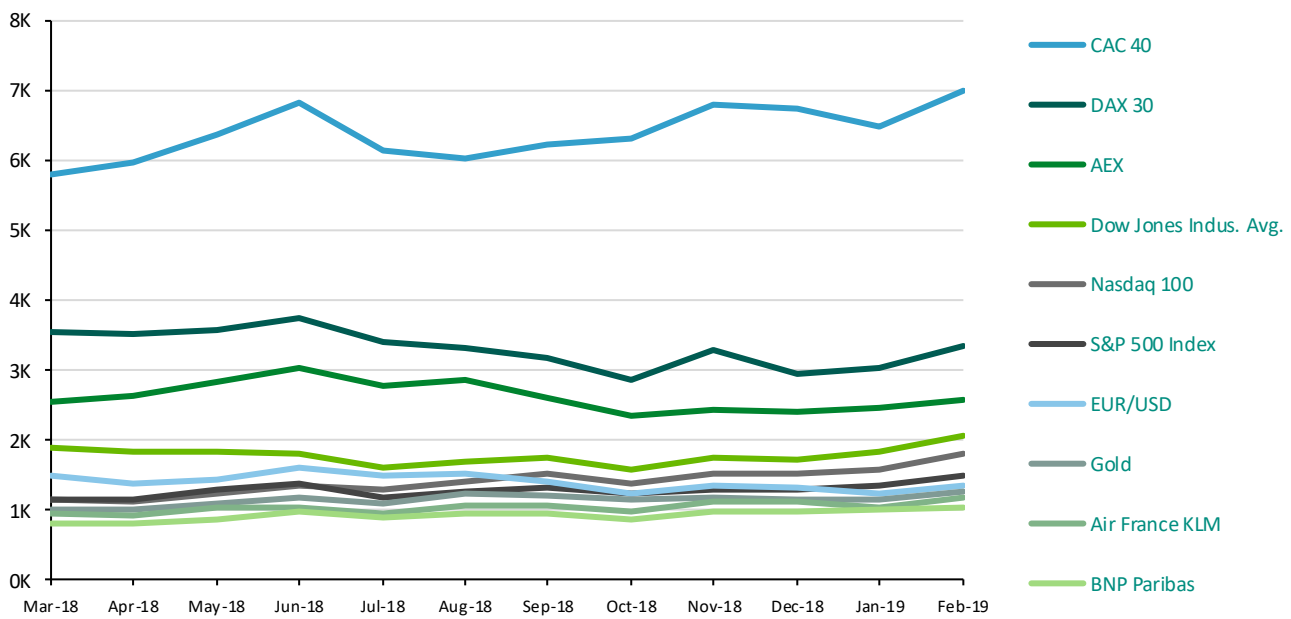




# TOP 10 UNDERLYINGS

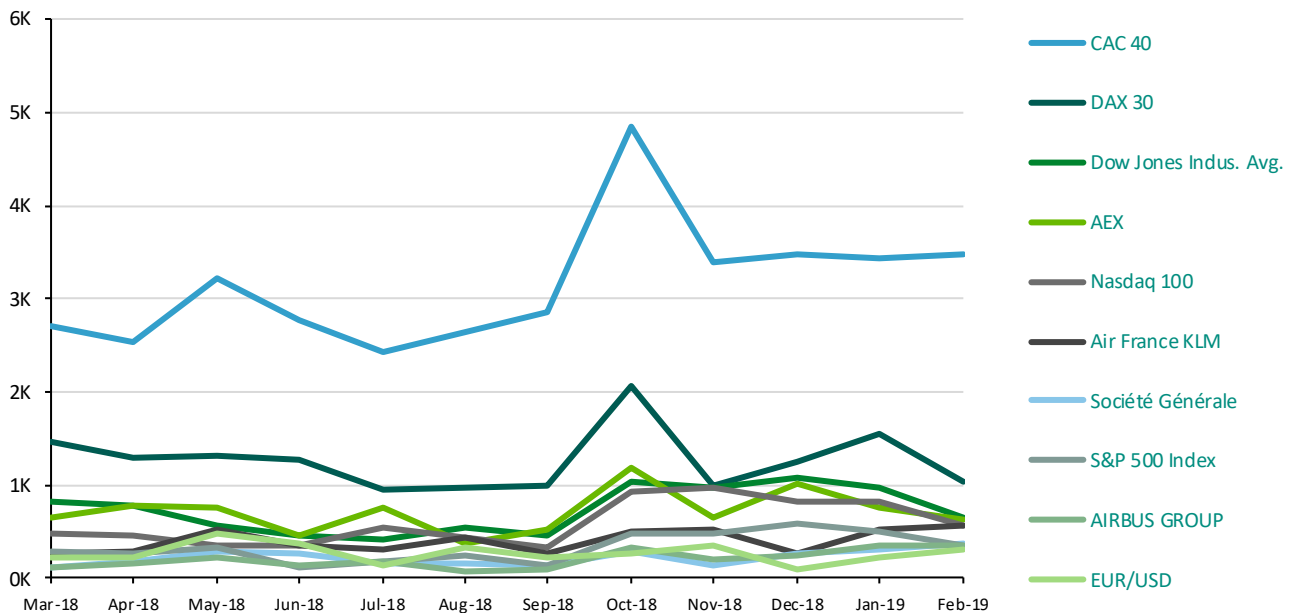
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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	
NL0012969091	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	107,760	1,648
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	96,575	4,472
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	55,669	4,006
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	54,180	3,016
NL0013418072	ING	2100	Warrants	Euro STOXX 50 ETFs	50,699	4,198
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	39,157	3,202
NL0013325319	ING	2100	Warrants	Euro STOXX 50 ETFs	31,347	4,640
NL0013418080	ING	2100	Warrants	Euro STOXX 50 ETFs	18,377	2,248
NL0013418056	ING	2100	Warrants	Euro STOXX 50 ETFs	16,683	1,024
NL0012969083	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	14,386	470
PTBIWBUE0057	BCP	1300	Tracker Certificates	Nasdaq 100	10,103	644
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	9,146	892
DE000CU1BV67	Commerzbank	2210	Mini-Futures	DAX 30	8,967	82
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	8,916	820
NL0013325327	ING	2100	Warrants	Euro STOXX 50 ETFs	8,606	1,250
DE000VN61VX4	Vontobel	2300	Constant Leverage Certificate	DJIA x8 Leveraged Index	7,949	48
NL0013375454	BNP Paribas	2210	Mini-Futures	AEX	7,580	1,174
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	7,373	768
NL0013325301	ING	2100	Warrants	Euro STOXX 50 ETFs	6,187	1,040
NL0013418064	ING	2100	Warrants	Euro STOXX 50 ETFs	5,472	742
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	5,445	726
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	4,625	568
DE000CJ3LB78	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	4,247	96
NL0013372436	BNP Paribas	2210	Mini-Futures	AEX	4,174	708
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	4,171	796
NL0013366974	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	4,132	444
NL0013375462	BNP Paribas	2210	Mini-Futures	Nasdaq 100	4,060	76
DE000CV8B896	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	3,790	4,846
DE000CJ5BYA3	Commerzbank	2300	Constant Leverage Certificate	NYMEX LS CRUDE	3,754	260
NL0013353543	BNP Paribas	2210	Mini-Futures	AEX	3,627	462
NL0012903959	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	3,619	5,254
NL0013368350	BNP Paribas	2205	Open-End Knock-Out Warrants	Royal Dutch Shell	3,606	802
NL0011911714	BNP Paribas	2210	Mini-Futures	VIX Futures	3,545	392
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	3,521	228
NL0012265425	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,436	2,062
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	3,294	456
DE000VL61H58	Vontobel	2210	Mini-Futures	AEX	3,250	2,456
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	3,205	480
NL0013371222	BNP Paribas	2210	Mini-Futures	AEX	2,893	290
NL0013372428	BNP Paribas	2210	Mini-Futures	AEX	2,800	550
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	2,739	994
NL0013377146	BNP Paribas	2210	Mini-Futures	AEX	2,625	428
DE000CP68CG9	Citi	2200	Knock-Out Warrants	AEX	2,572	3,662
DE000CJ83WX4	Commerzbank	2200	Knock-Out Warrants	DAX 30	2,532	88
DE000CY516N7	Citi	2210	Mini-Futures	Galapagos NV	2,512	808
NL0013374788	BNP Paribas	2210	Mini-Futures	AEX	2,488	308
NL0011539267	BNP Paribas	2205	Open-End Knock-Out Warrants	Heineken	2,480	94
NL0013373178	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	2,424	376
NL0013201817	ING	2210	Mini-Futures	GBP/USD	2,313	552
NL0012994701	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	2,262	1,542

(Source Euronext)



Euronext Amsterdam

# ISSUERS

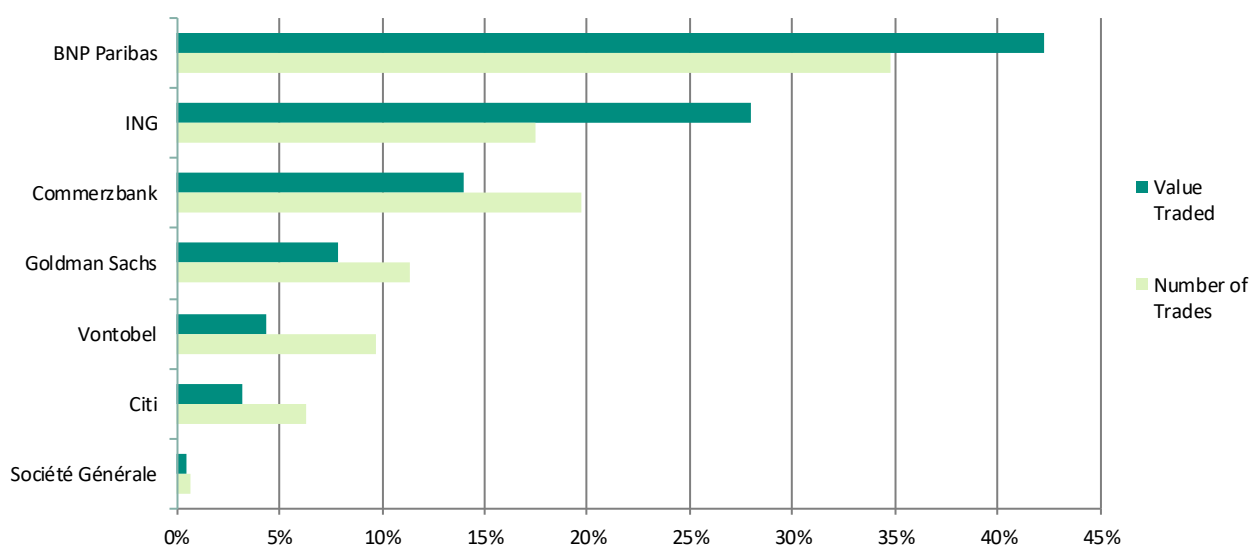
## Market Overview

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	7,780	-14.2%	-21%	42.3%	2,372	-12.1%	-8.1%	34.7%
ING	5,153	0.0%	33%	28.0%	1,194	-12.6%	6.9%	17.5%
Commerzbank	2,565	-20%	-7.0%	13.9%	1,347	50.8%	-6.0%	19.7%
Goldman Sachs	1,448	-36%	-42%	7.9%	772	-44.2%	-8.8%	11.3%
Vontobel	803	-4.5%	-19.6%	4.4%	665	-5.3%	12.5%	9.7%
Citi	577	-18.2%	-35%	3.1%	432	-31.1%	-22.5%	6.3%
Société Générale	87	-42%	-54%	0.5%	46	-69.3%	-67.1%	0.7%
<b>Total</b>	<b>18,413</b>	<b>-13.9%</b>	<b>-12.8%</b>	<b>100%</b>	<b>6,829</b>	<b>-12.7%</b>	<b>-6.0%</b>	<b>100%</b>

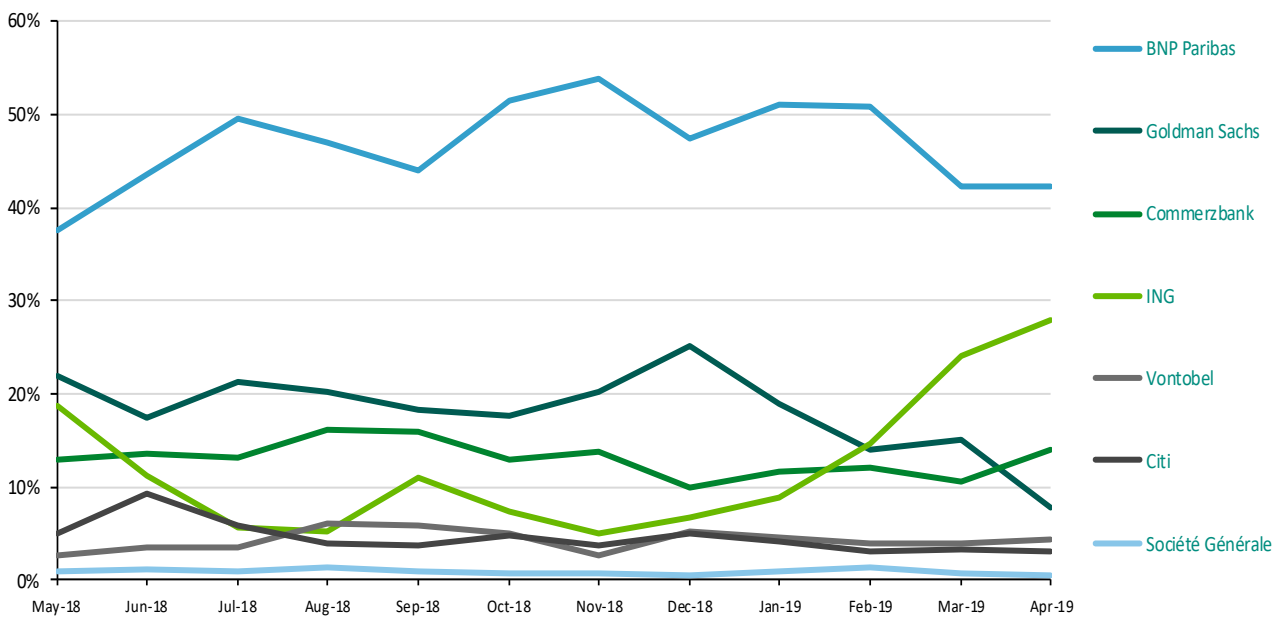
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# ISSUERS

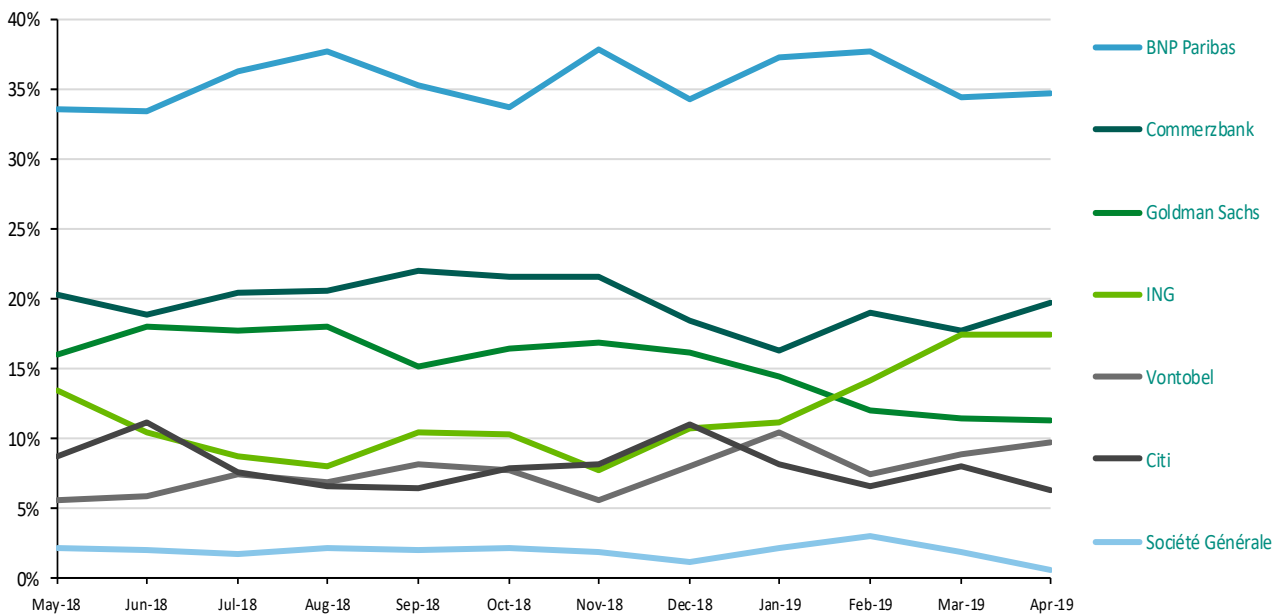
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

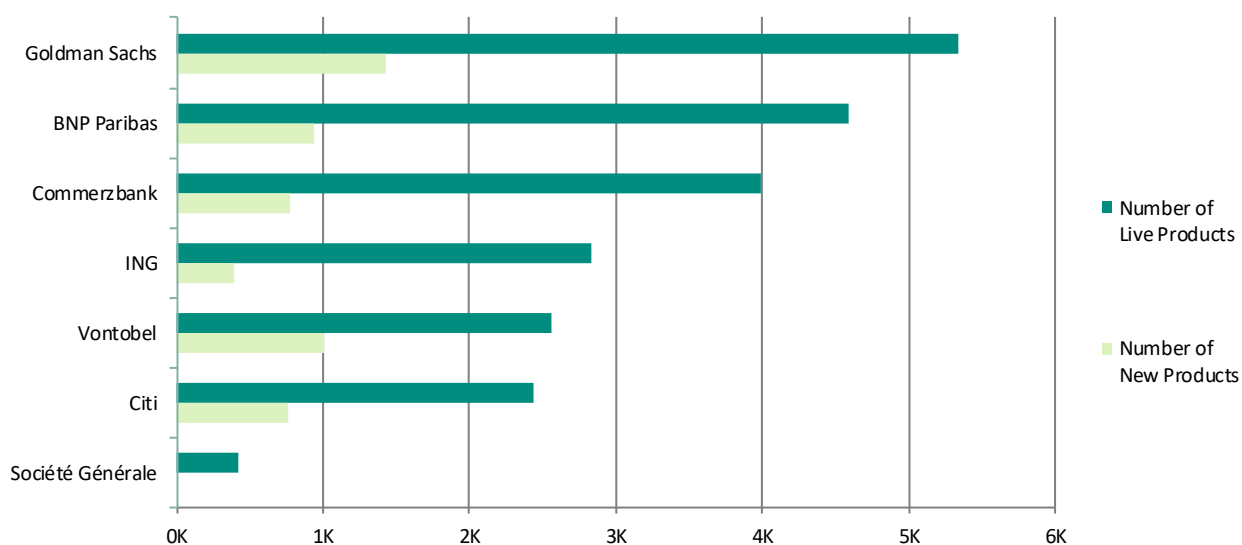
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	5,338	9.1%	4.0%	24.1%	1,423	-7.4%	13.6%	27.0%
BNP Paribas	4,586	6.1%	13.2%	20.7%	933	25%	-10.9%	17.7%
Commerzbank	3,992	-5.8%	-6.3%	18.0%	767	-3.6%	-8.7%	14.5%
ING	2,825	4.1%	2.2%	12.8%	392	46%	34%	7.4%
Vontobel	2,563	4.4%	11.1%	11.6%	1,004	17.0%	3.3%	19.0%
Citi	2,432	11.5%	15.2%	11.0%	754	133%	84%	14.3%
Société Générale	421	-13.2%	-13.3%	1.9%	0		-100%	0.0%
Total	22,158	4.1%	4.9%	100%	5,273	16.4%	6.3%	100%

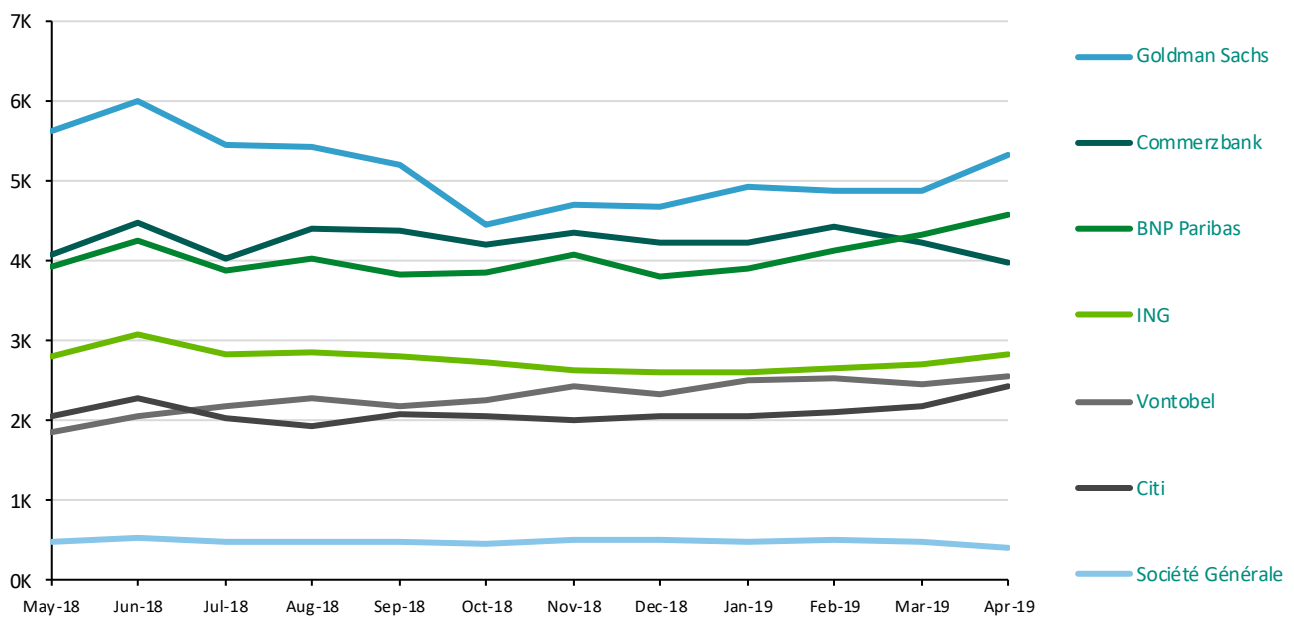
(Source Euronext)



# ISSUERS

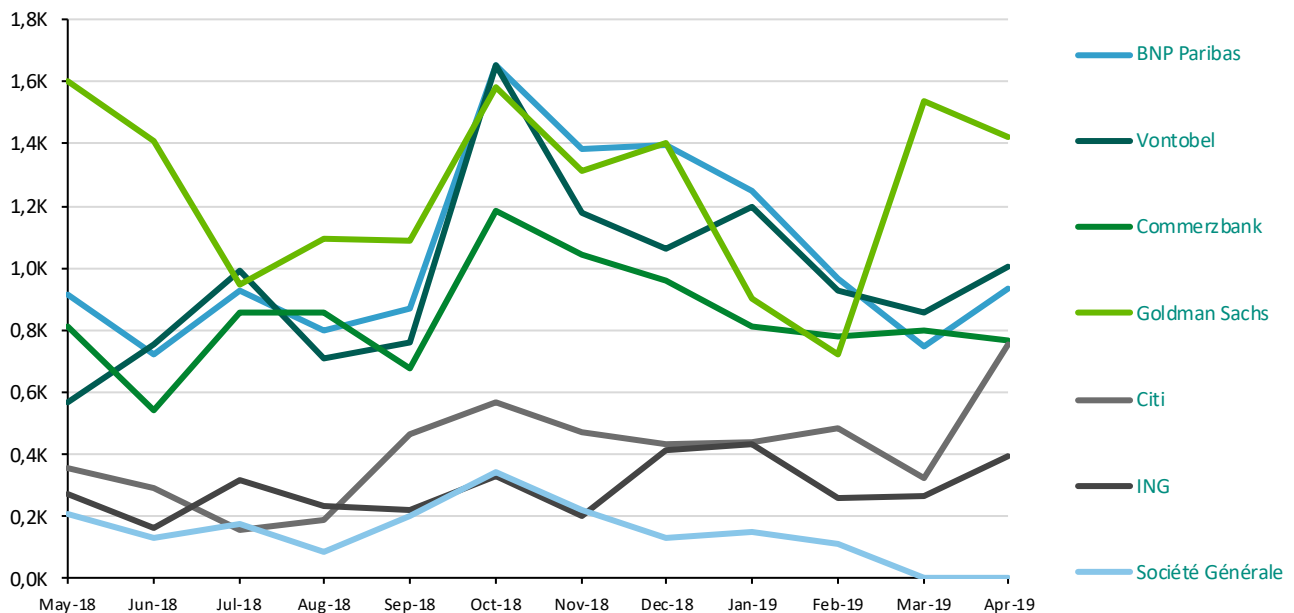
## Product Trend: Number of Live Products

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

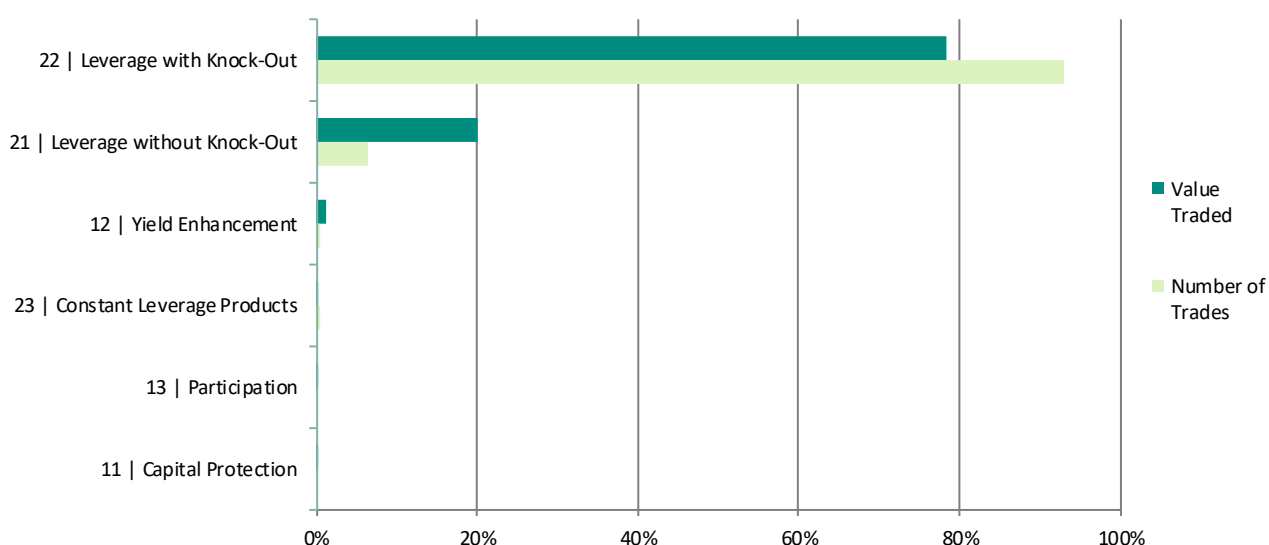
## Market Overview

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	14,428	-17.2%	-25%	78.4%	6,347	-13.3%	-9.9%	92.9%
21   Leverage without Knock-Out	3,706	1.8%	188%	20.1%	429	-2.6%	199.4%	6.3%
12   Yield Enhancement	211	-17.9%	-30%	1.1%	24	-10.6%	-8.9%	0.3%
23   Constant Leverage Products	39	-19.8%	-69%	0.2%	25	605.6%	-43.6%	0.4%
13   Participation	27	-7.0%	-21%	0.1%	3.9	-86.5%	-32.6%	0.1%
11   Capital Protection	2	126%	77%	0.0%	0.1	-65.0%	-65.1%	0.0%
<b>Total</b>	<b>18,413</b>	<b>-13.9%</b>	<b>-12.8%</b>	<b>100%</b>	<b>6,829</b>	<b>-12.7%</b>	<b>-6.0%</b>	<b>100%</b>

(Source Euronext)

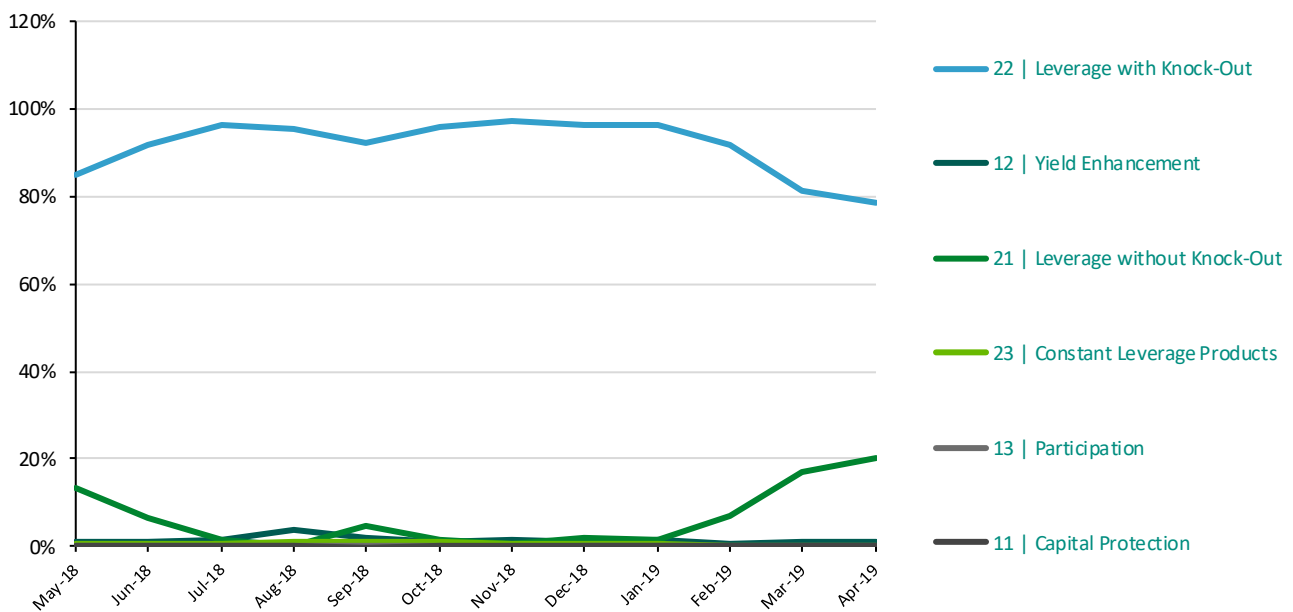




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

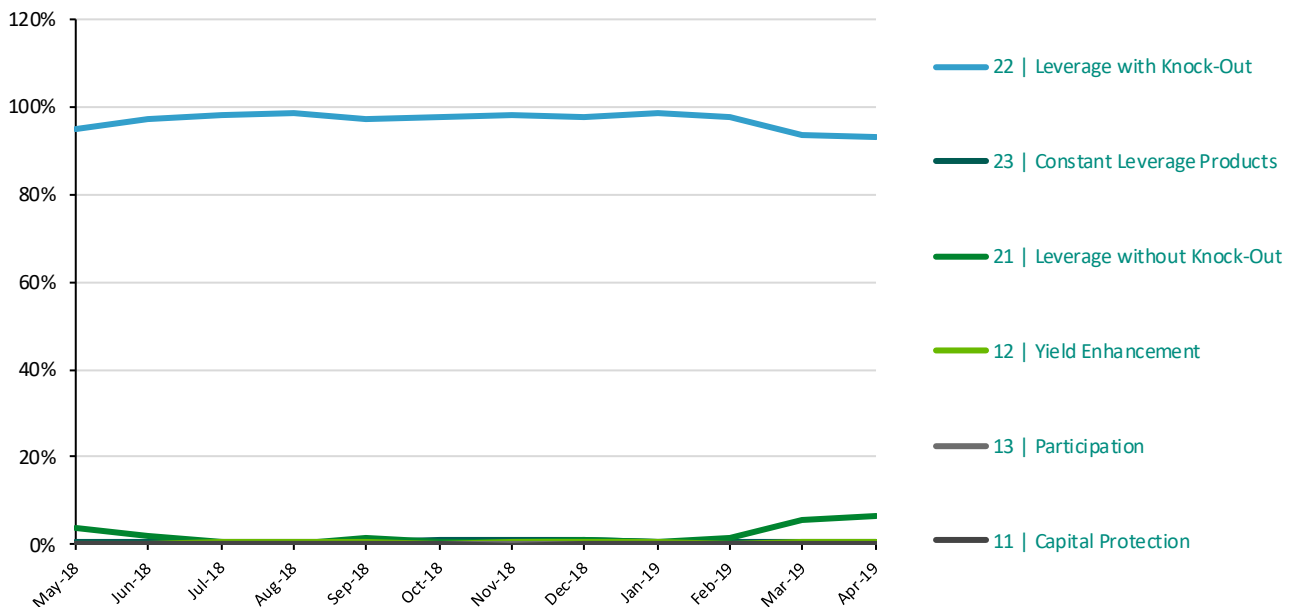
## Market Trend: Value traded

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

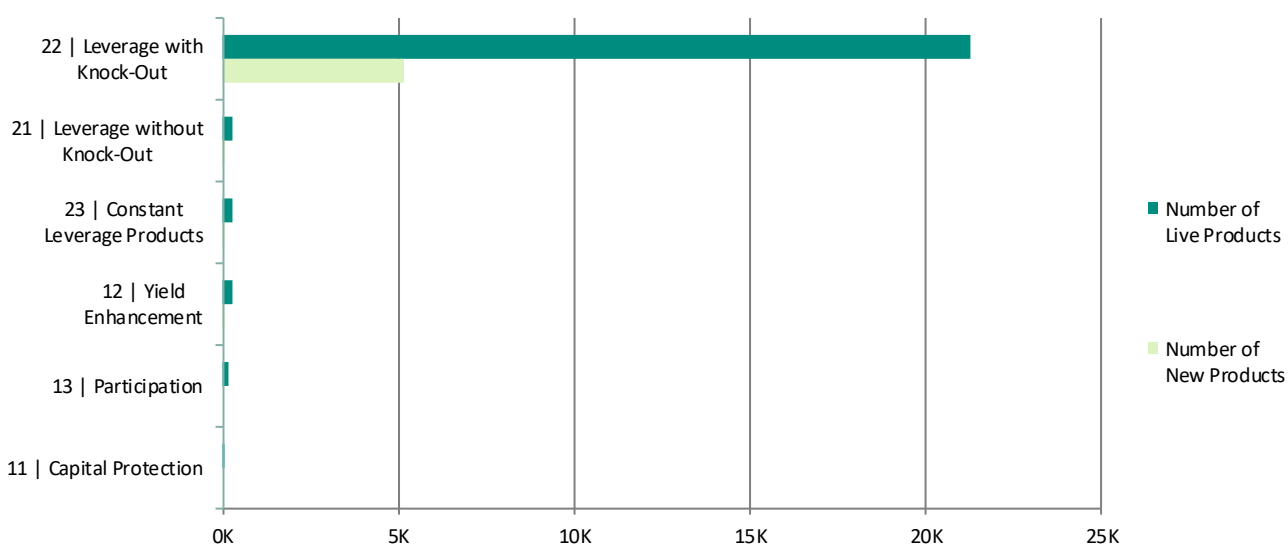
## Product Overview

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	21,259	4.1%	5.3%	95.9%	5,182	14.9%	6.2%	98.3%
21   Leverage without Knock-Out	263	8.2%	-12.4%	1.2%	68	353%	55%	1.3%
23   Constant Leverage Products	248	-1.6%	-1.8%	1.1%	9		50%	0.2%
12   Yield Enhancement	247	2.8%	11.1%	1.1%	14	180%	-46%	0.3%
13   Participation	134	-1.7%	0.0%	0.6%	0		-100%	0.0%
11   Capital Protection	7	0.0%	-0.8%	0.0%	0			0.0%
<b>Total</b>	<b>22,158</b>	<b>4.1%</b>	<b>4.9%</b>	<b>100%</b>	<b>5,273</b>	<b>16.4%</b>	<b>6.3%</b>	<b>100%</b>

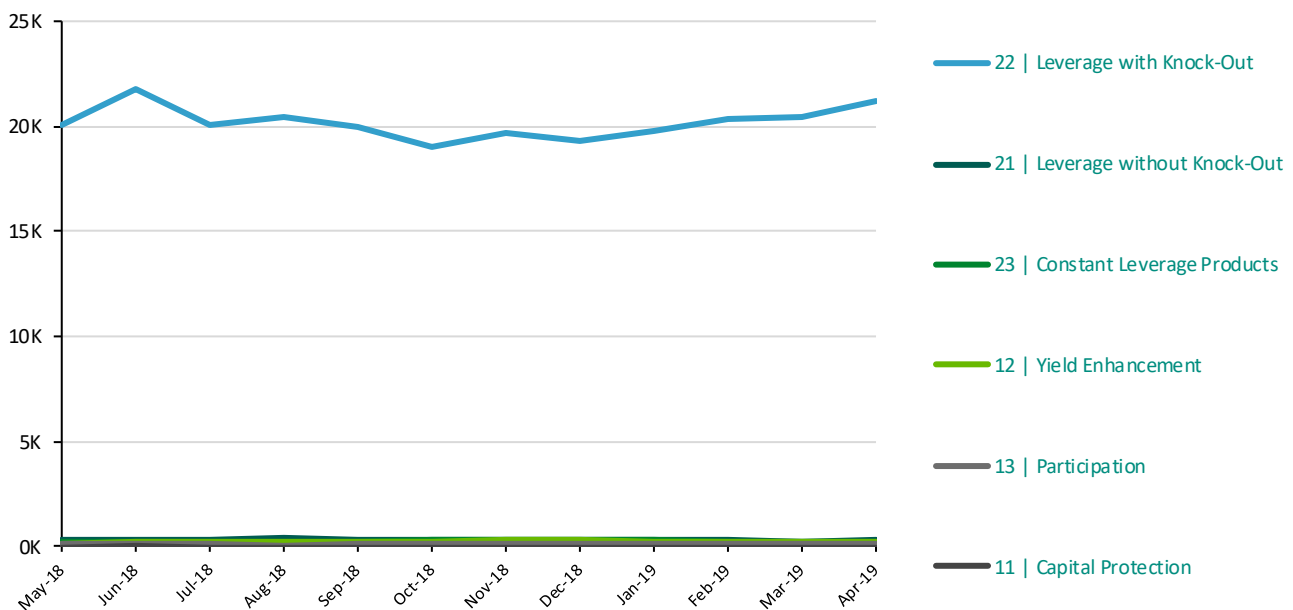
(Source Euronext)



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

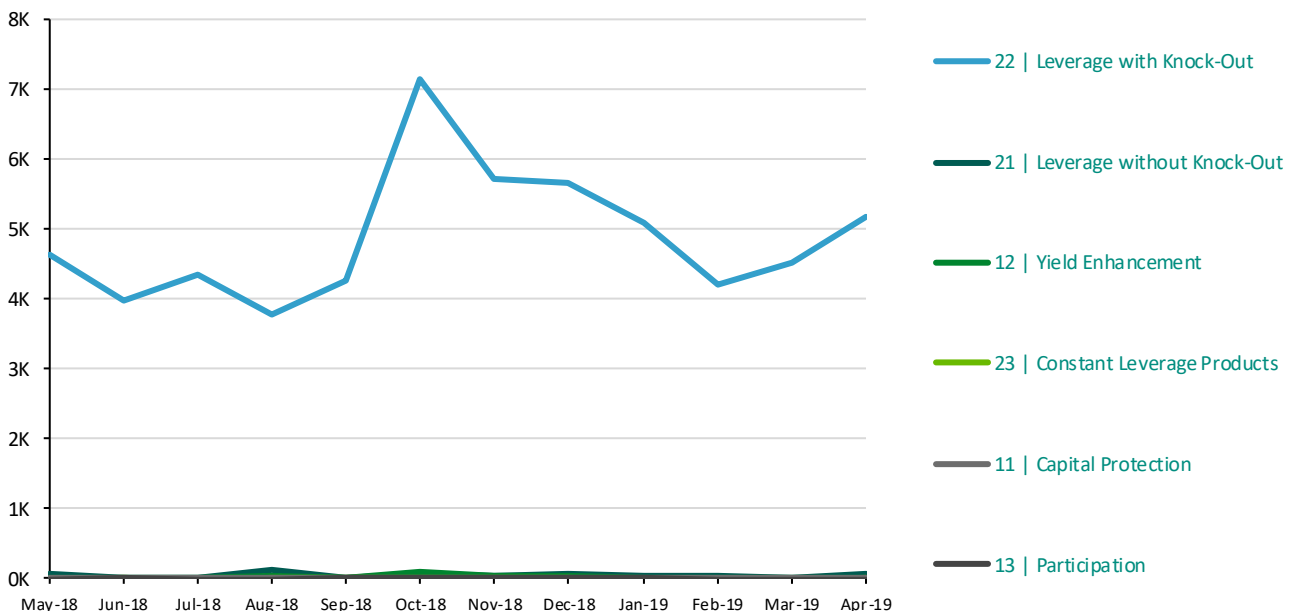
## Product Trend: Number of Live Products

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

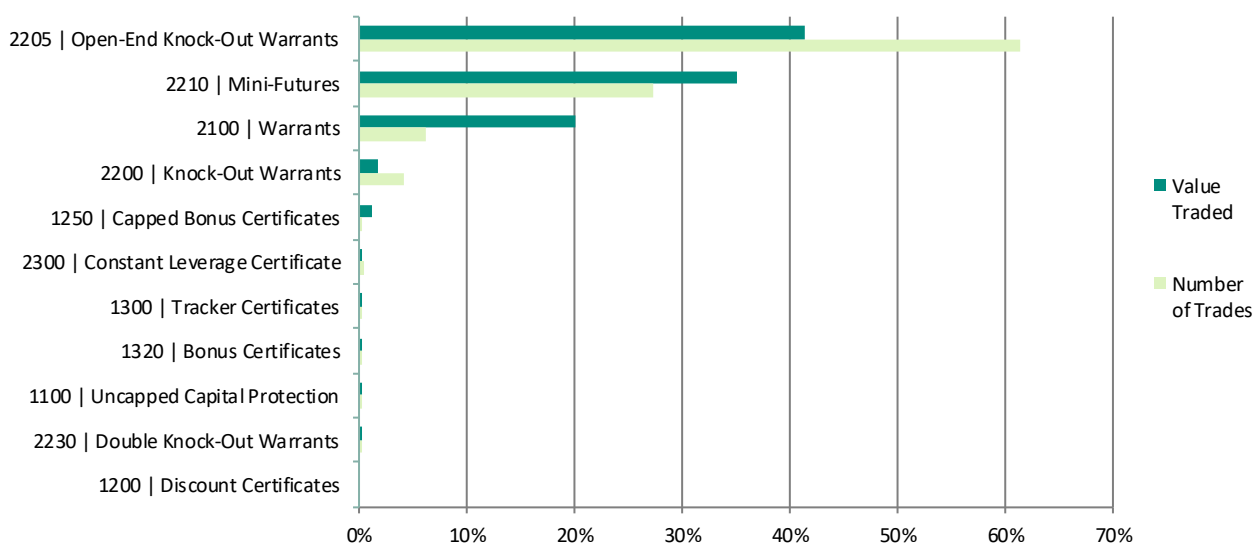
## Market Overview

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	7,639	-21%	-28%	41.5%	4,197	-11.9%	-13.2%	61.5%
2210   Mini-Futures	6,468	-11.9%	-21%	35.1%	1,870	-18.0%	-3.1%	27.4%
2100   Warrants	3,706	1.8%	188%	20.1%	429	-2.6%	199%	6.3%
2200   Knock-Out Warrants	321	-16.5%	-49%	1.7%	280	1.0%	-0.4%	4.1%
1250   Capped Bonus Certificates	211	-17.9%	-30%	1.1%	24	-10.6%	-8.9%	0.3%
2300   Constant Leverage Certificate	39	-0.3%	-69%	0.2%	25	797%	-44%	0.4%
1300   Tracker Certificates	23	-21%	1.3%	0.1%	2.3	-92%	-16.2%	0.0%
1320   Bonus Certificates	4	-58%	-63%	0.0%	1.6	110%	-44%	0.0%
1100   Uncapped Capital Protection	2	126%	77%	0.0%	0.1	-65%	-65%	0.0%
2230   Double Knock-Out Warrants	0	34%	-18.5%	0.0%	1.1	47%	569%	0.0%
1200   Discount Certificates	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>18,413</b>	<b>-13.9%</b>	<b>-12.8%</b>	<b>100%</b>	<b>6,829</b>	<b>-12.7%</b>	<b>-6.0%</b>	<b>100%</b>

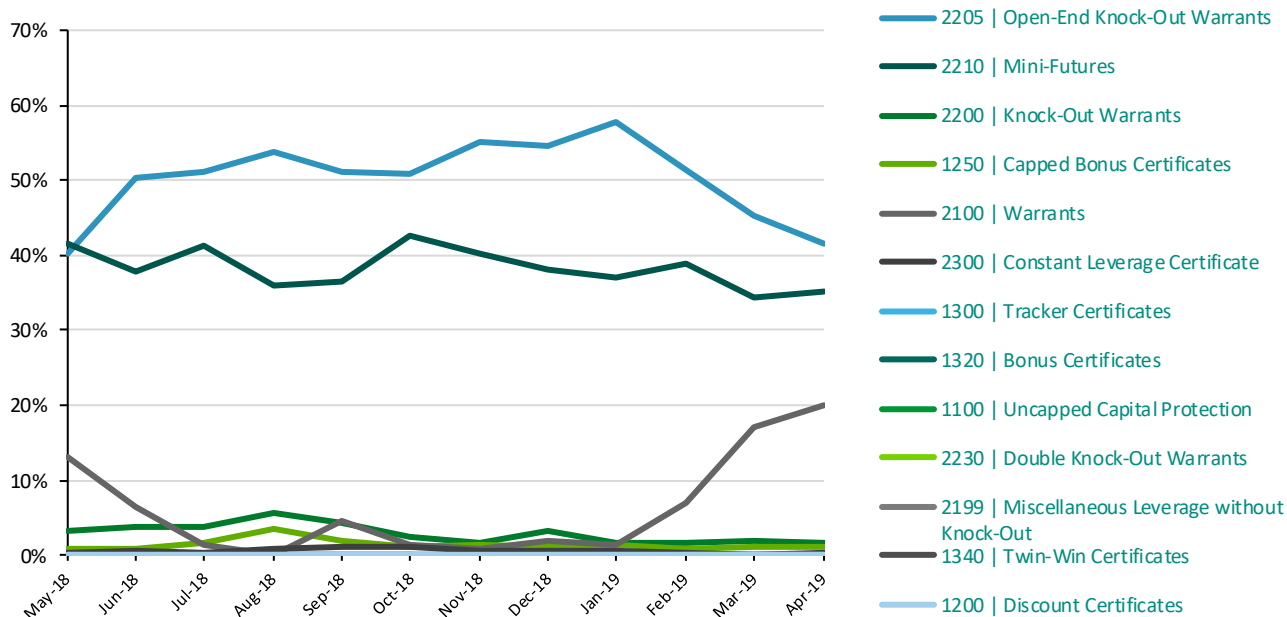
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

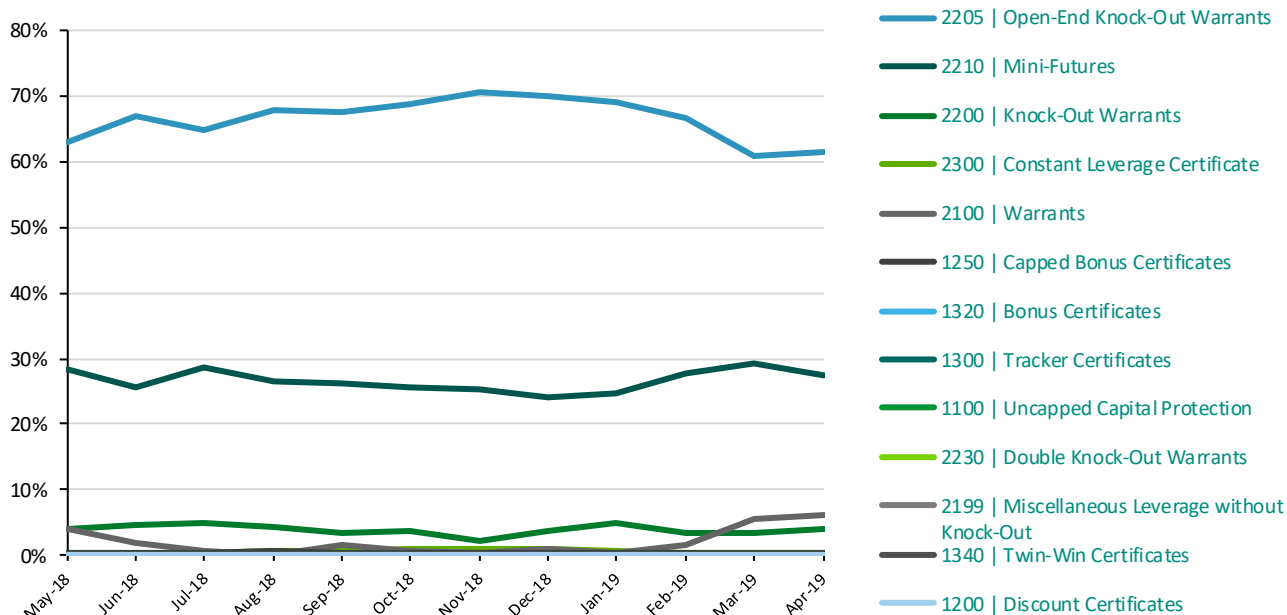
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

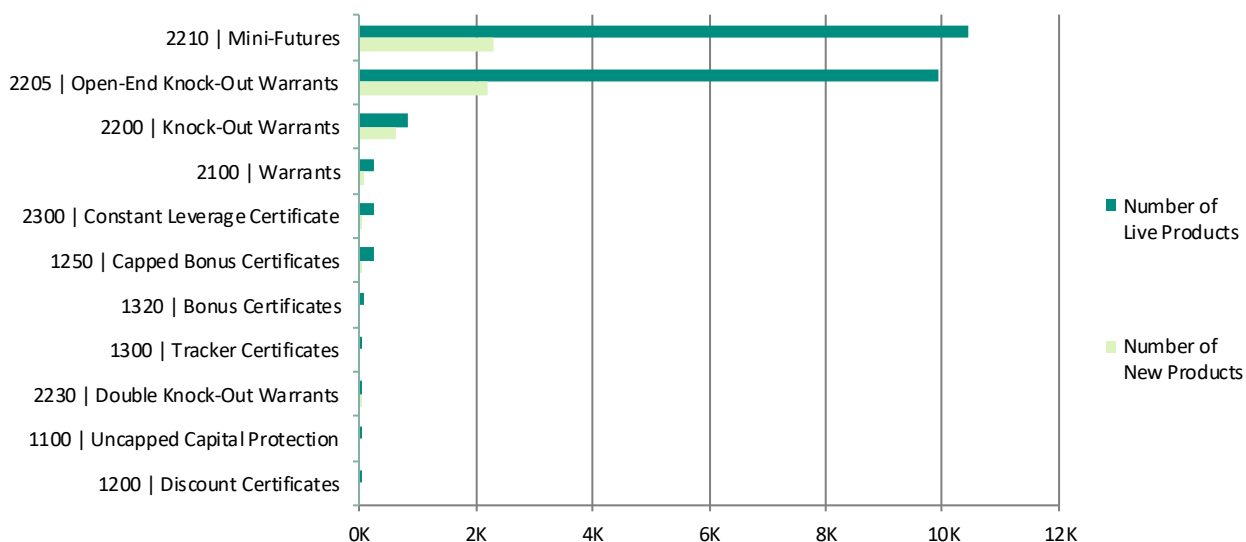
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2210   Mini-Futures	10,459	5.7%	4.2%	47.2%	2,322	1.1%	17.1%	44.0%
2205   Open-End Knock-Out Warrants	9,929	1.6%	8.2%	44.8%	2,208	10.0%	-8.7%	41.9%
2200   Knock-Out Warrants	830	15.7%	-15.6%	3.7%	630	242%	33%	11.9%
2100   Warrants	263	8.2%	-12.3%	1.2%	68	353%	55%	1.3%
2300   Constant Leverage Certificate	248	-1.6%	-1.8%	1.1%	9		50%	0.2%
1250   Capped Bonus Certificates	243	3.4%	13.6%	1.1%	14	180%	-44%	0.3%
1320   Bonus Certificates	76	-1.8%	3.1%	0.3%	0		-100%	0.0%
1300   Tracker Certificates	58	-1.5%	-2.1%	0.3%	0			0.0%
2230   Double Knock-Out Warrants	42	48%	363%	0.2%	22	10.0%	267%	0.4%
1100   Uncapped Capital Protection	7	0.0%	-0.8%	0.0%	0			0.0%
1200   Discount Certificates	4	-22%	-53%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>22,158</b>	<b>4.1%</b>	<b>4.9%</b>	<b>100%</b>	<b>5,273</b>	<b>16.4%</b>	<b>6.3%</b>	<b>100%</b>

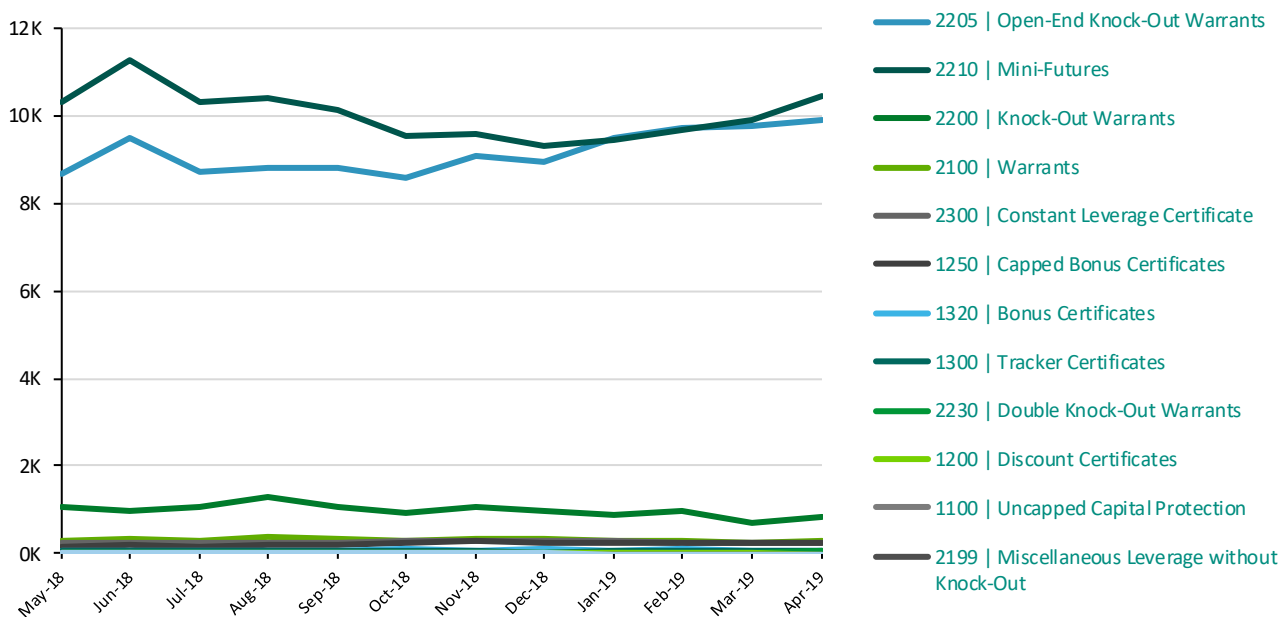
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

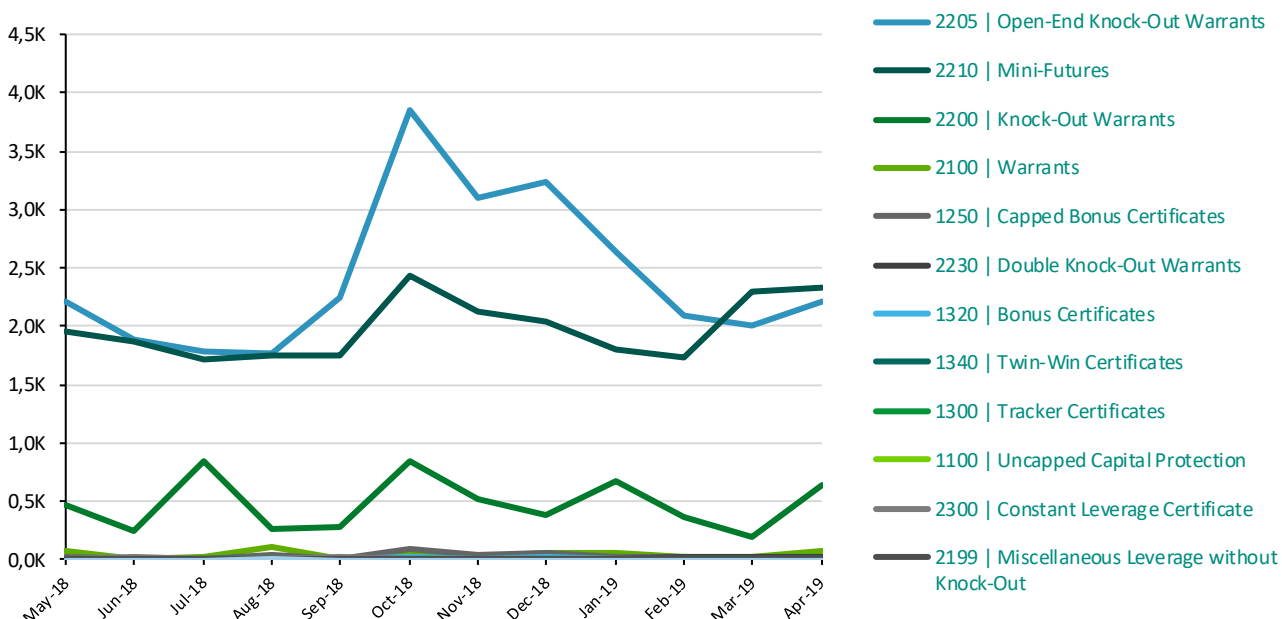
## Product Trend: Number of Live Products

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

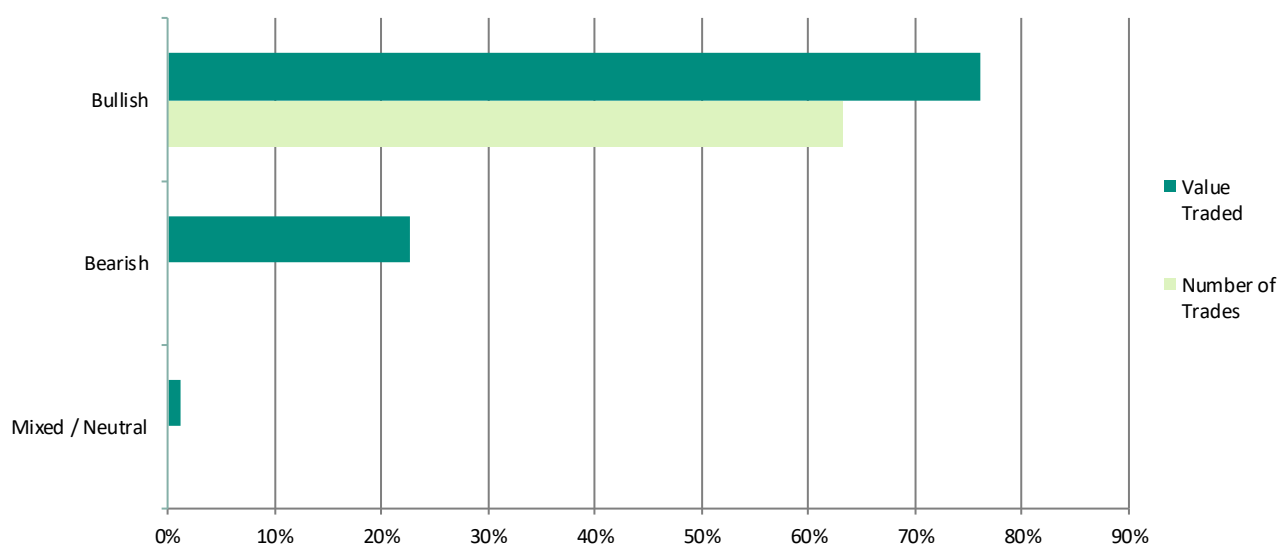
## Market Overview

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	14,034	-4.6%	1.2%	76.2%	4,317	-14.5%	-8.1%	63.2%
Bearish	4,167	-35%	-40%	22.6%	0.0	-100%	-100%	0.0%
Mixed / Neutral	211	-17.9%	-30%	1.1%	0.0	-100%	-100%	0.0%
Total	18,413	-13.9%	-12.8%	100%	6,829	-12.7%	-6.0%	100%

(Source Euronext)

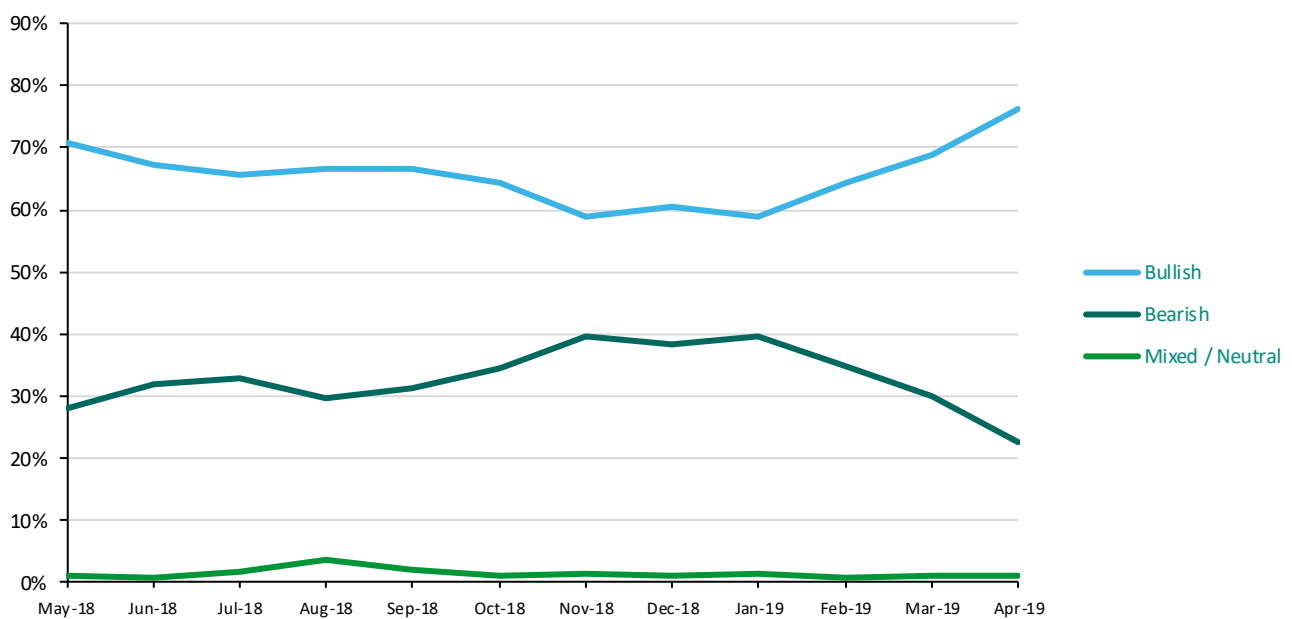




# PRODUCT STRATEGIES

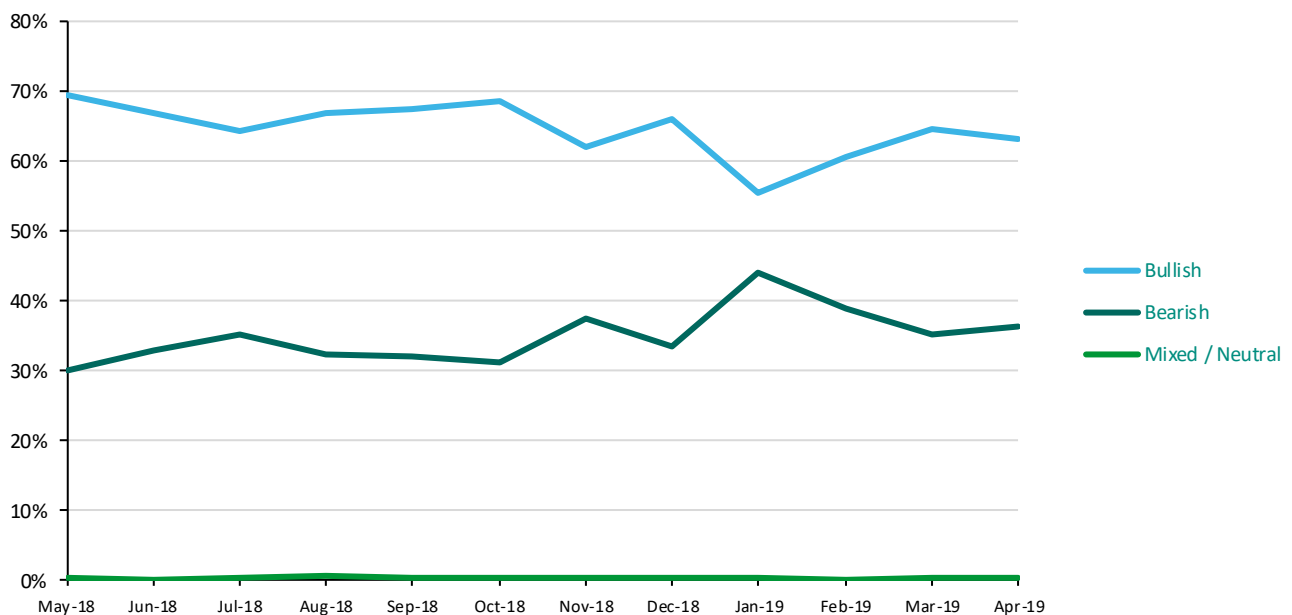
## Market Trend: Value traded

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

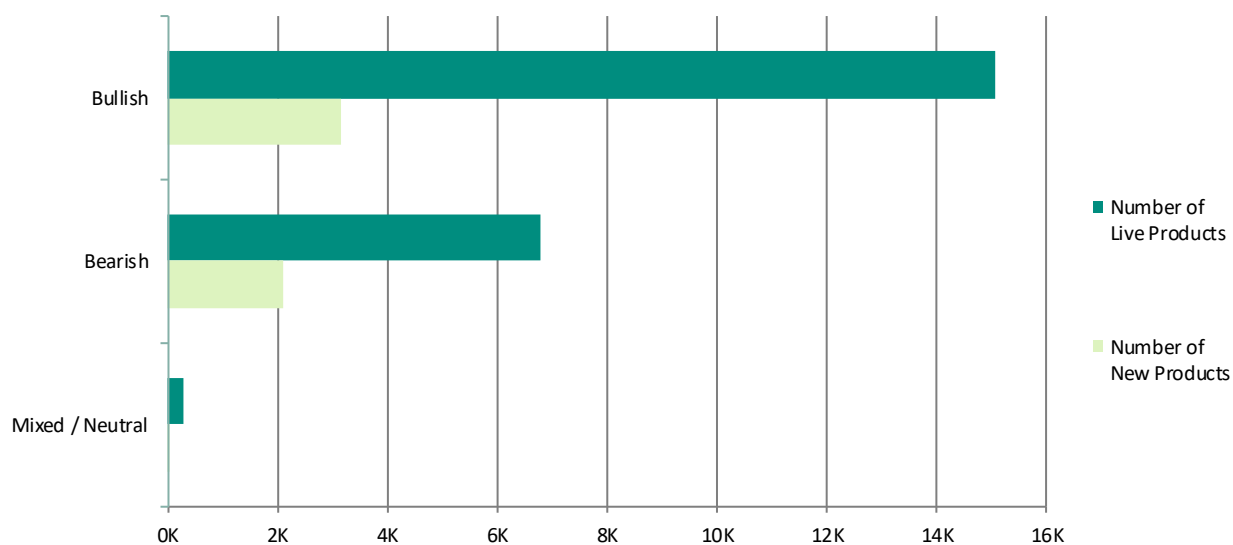
## Product Overview

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	15,063	8.8%	13.4%	68.0%	3,156	36%	13.2%	59.9%
Bearish	6,805	-5.2%	-10.4%	30.7%	2,081	-5.0%	-2.9%	39.5%
Mixed / Neutral	290	7.5%	24%	1.3%	36	44%	13.4%	0.7%
Total	22,158	4.1%	4.9%	100%	5,273	16.4%	6.3%	100%

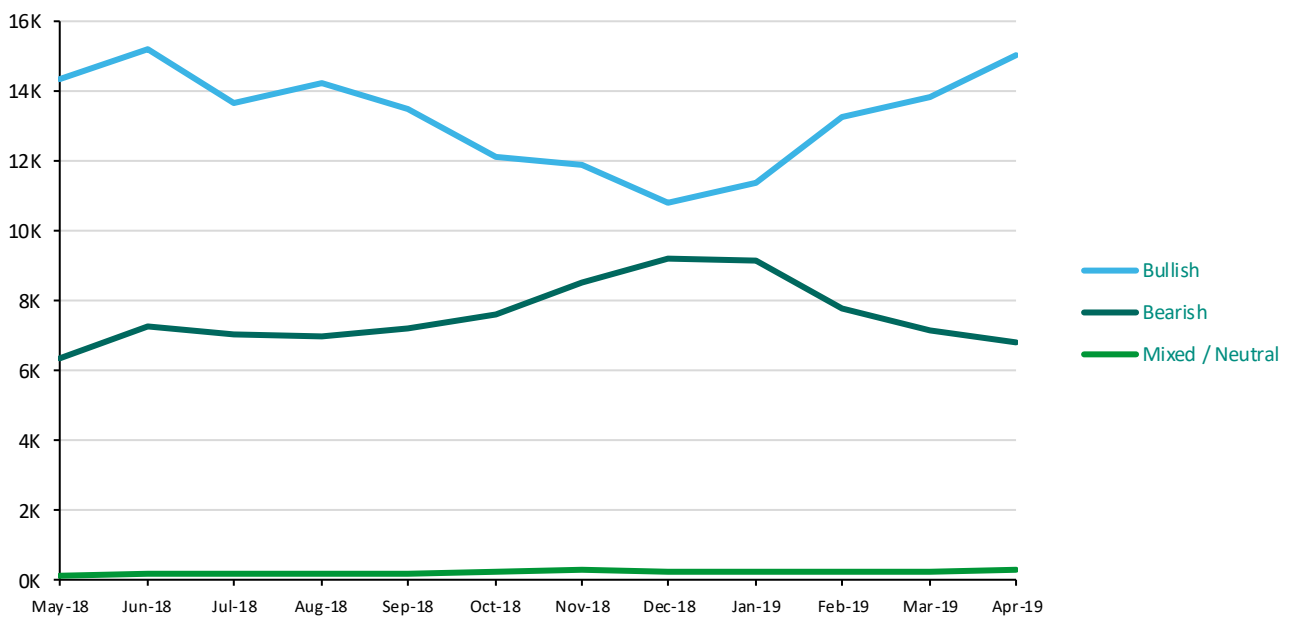
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# PRODUCT STRATEGIES

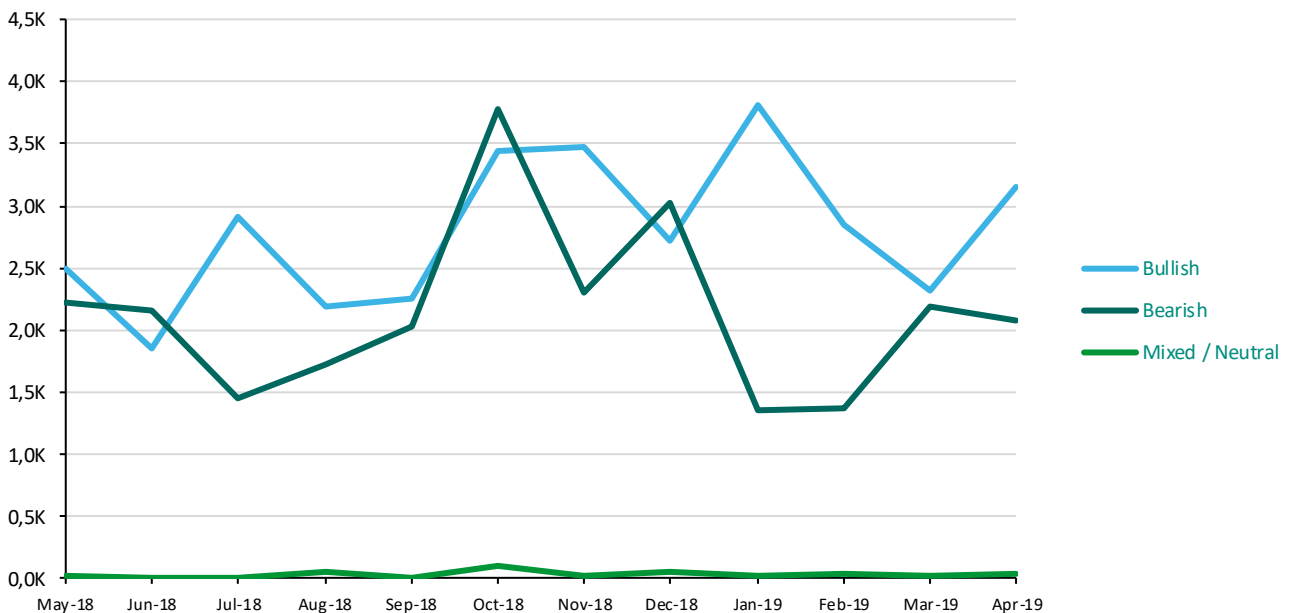
## Product Trend: Number of Live Products

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

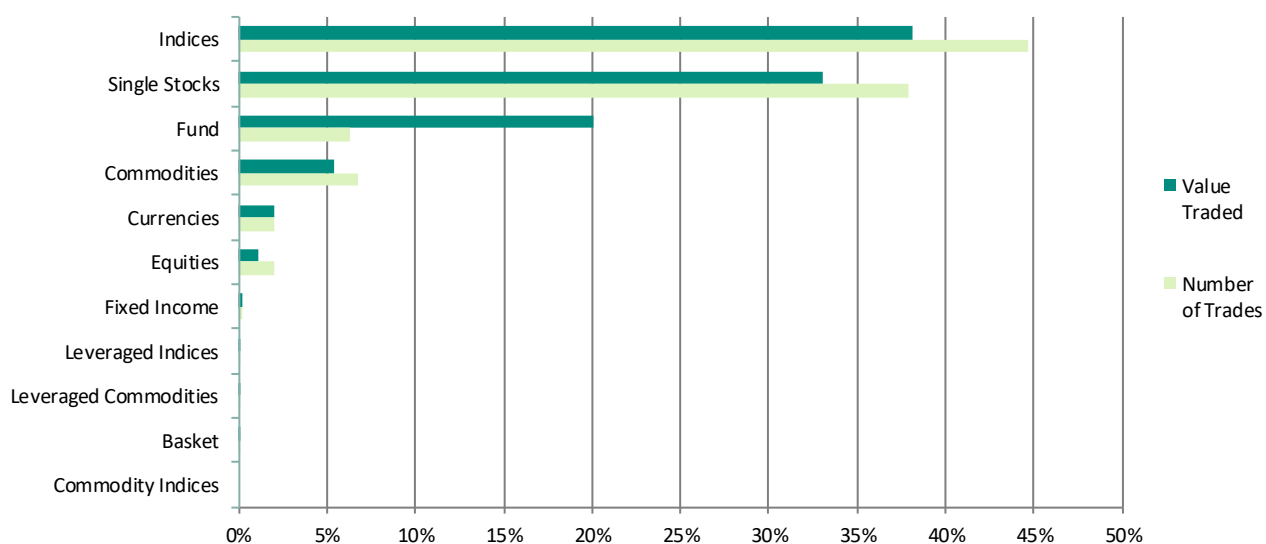
## Market Overview

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	7,021	-28%	-36%	38.1%	3,050	-21.1%	-19.0%	44.7%
Single Stocks	6,083	15.3%	6.2%	33.0%	2,587	1.9%	5.9%	37.9%
Fund	3,697	1.6%	163%	20.1%	427	-2.6%	72.9%	6.2%
Commodities	988	-21%	-23%	5.4%	457	-16.6%	228.6%	6.7%
Currencies	369	-67%	-70%	2.0%	140	-33.8%	-68.8%	2.1%
Equities	204	-36%	-33%	1.1%	139	-24.9%	-17.4%	2.0%
Fixed Income	26	-20.0%	-57%	0.1%	14	-32.0%	-39.2%	0.2%
Leveraged Indices	9	-70%	-82%	0.1%	9.3	427.8%	-62.1%	0.1%
Leveraged Commodities	8	-17.0%	-43%	0.0%	4.1	-65.8%	215.9%	0.1%
Basket	8	308%	-32%	0.0%	1.4	-63.7%	-81.4%	0.0%
Commodity Indices	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
<b>Total</b>	<b>18,413</b>	<b>-13.9%</b>	<b>-12.8%</b>	<b>100%</b>	<b>6,829</b>	<b>-12.7%</b>	<b>-6.0%</b>	<b>100%</b>

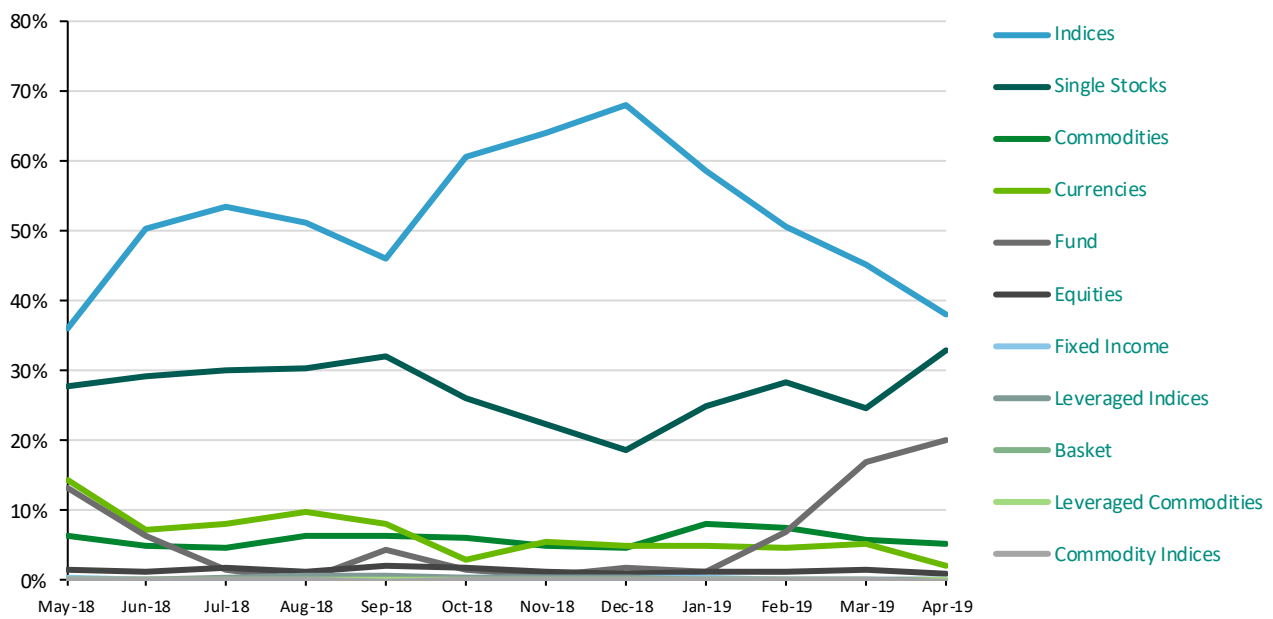
(Source Euronext)



# UNDERLYING TYPES

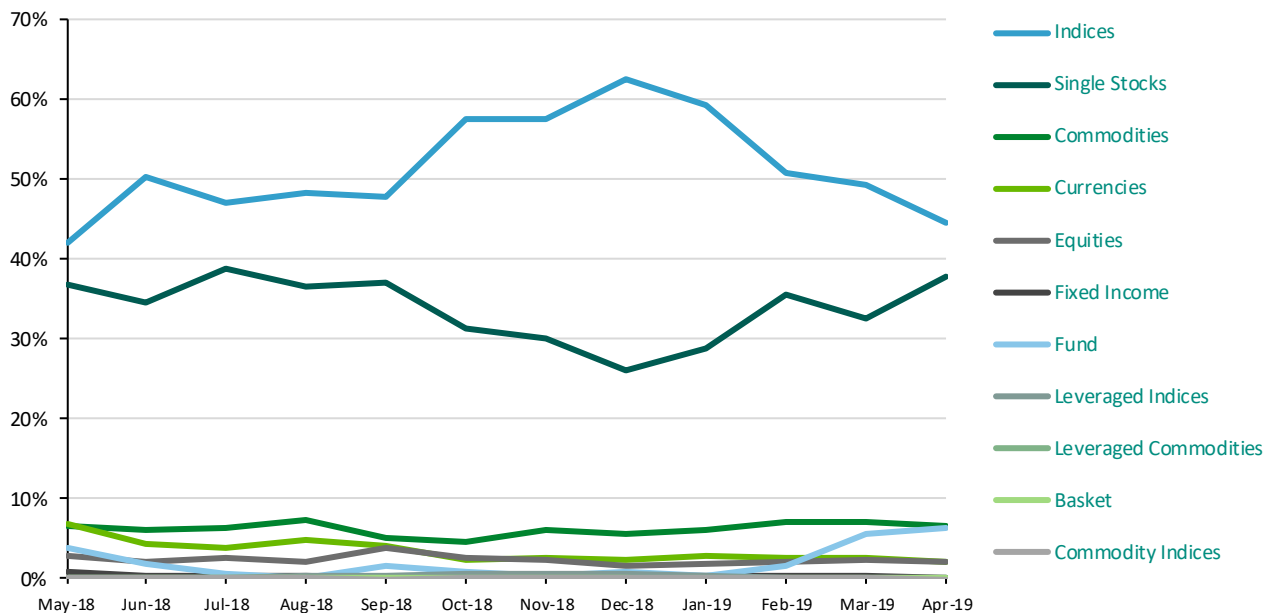
## Market Trend: Value traded

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

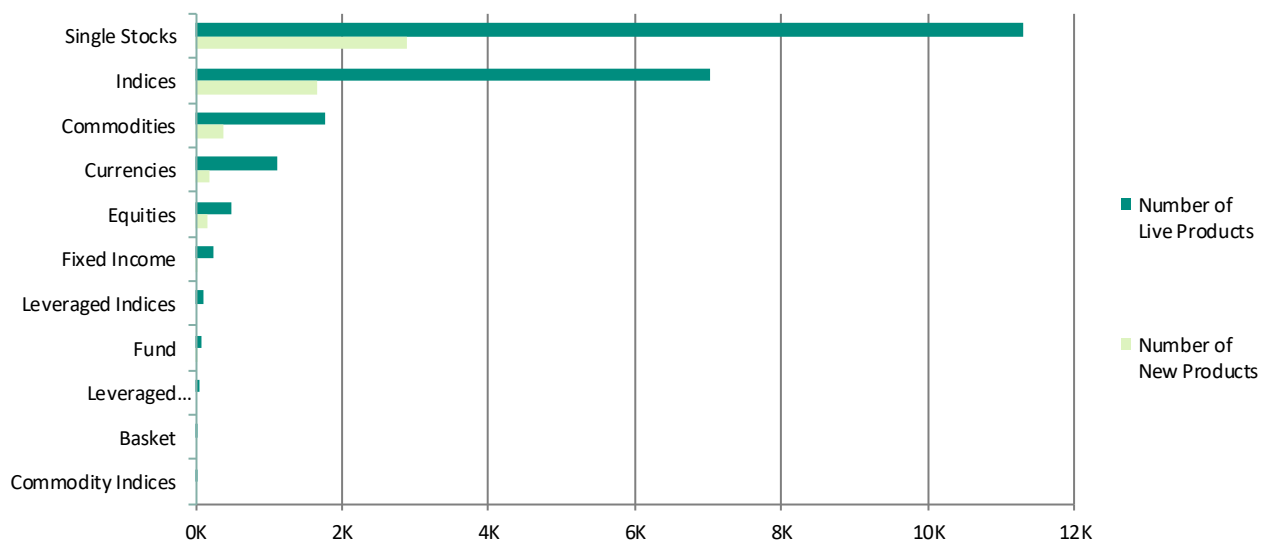
## Product Overview

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	11,315	4.8%	5.1%	51.1%	2,893	11.9%	15.3%	54.9%
Indices	7,026	3.0%	4.1%	31.7%	1,664	37%	-1.7%	31.6%
Commodities	1,752	5.9%	7.3%	7.9%	371	29%	17.4%	7.0%
Currencies	1,119	2.8%	-2.2%	5.0%	180	-34%	-31%	3.4%
Equities	496	2.9%	37%	2.2%	153	15.9%	-6.8%	2.9%
Fixed Income	232	-1.1%	-3.1%	1.0%	7	-79%	-44%	0.1%
Leveraged Indices	100	-1.3%	-4.3%	0.4%	0		-100%	0.0%
Fund	69	6.3%	23%	0.3%	5	25%	94%	0.1%
Leveraged Commodities	36	-8.7%	-32%	0.2%	0		-100%	0.0%
Basket	14	-0.7%	-0.1%	0.1%	0			0.0%
Commodity Indices	1	0.0%	-0.8%	0.0%	0			0.0%
<b>Total</b>	<b>22,158</b>	<b>4.1%</b>	<b>4.9%</b>	<b>100%</b>	<b>5,273</b>	<b>16.4%</b>	<b>6.3%</b>	<b>100%</b>

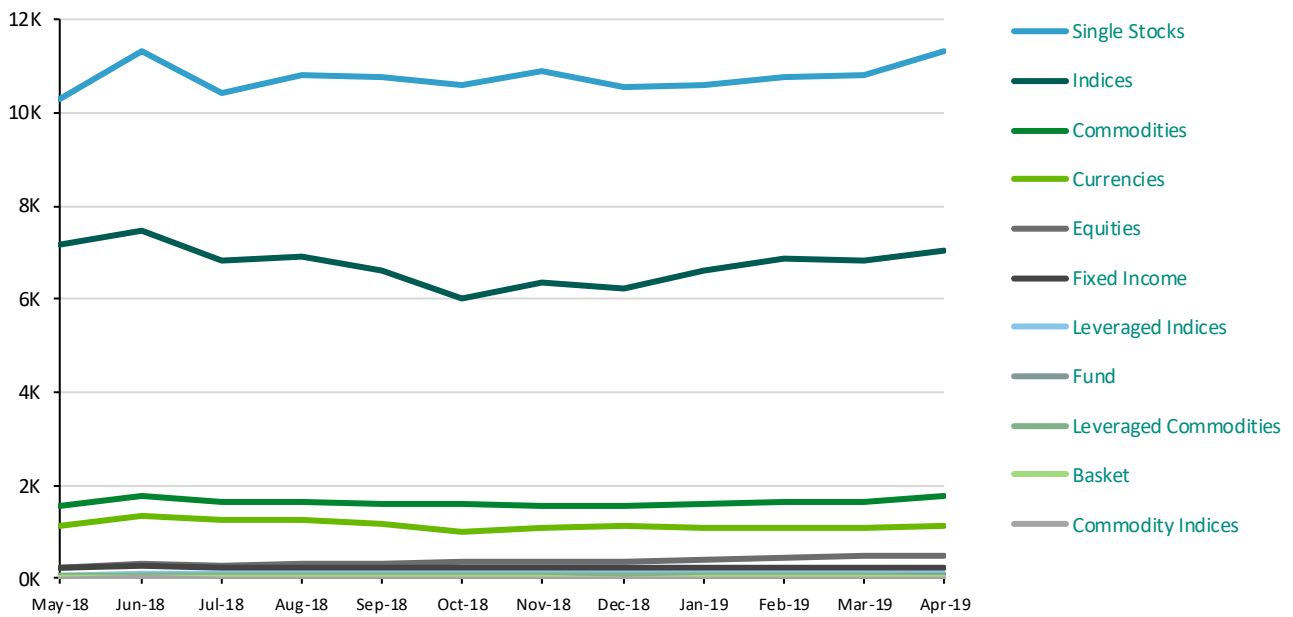
(Source Euronext)



# UNDERLYING TYPES

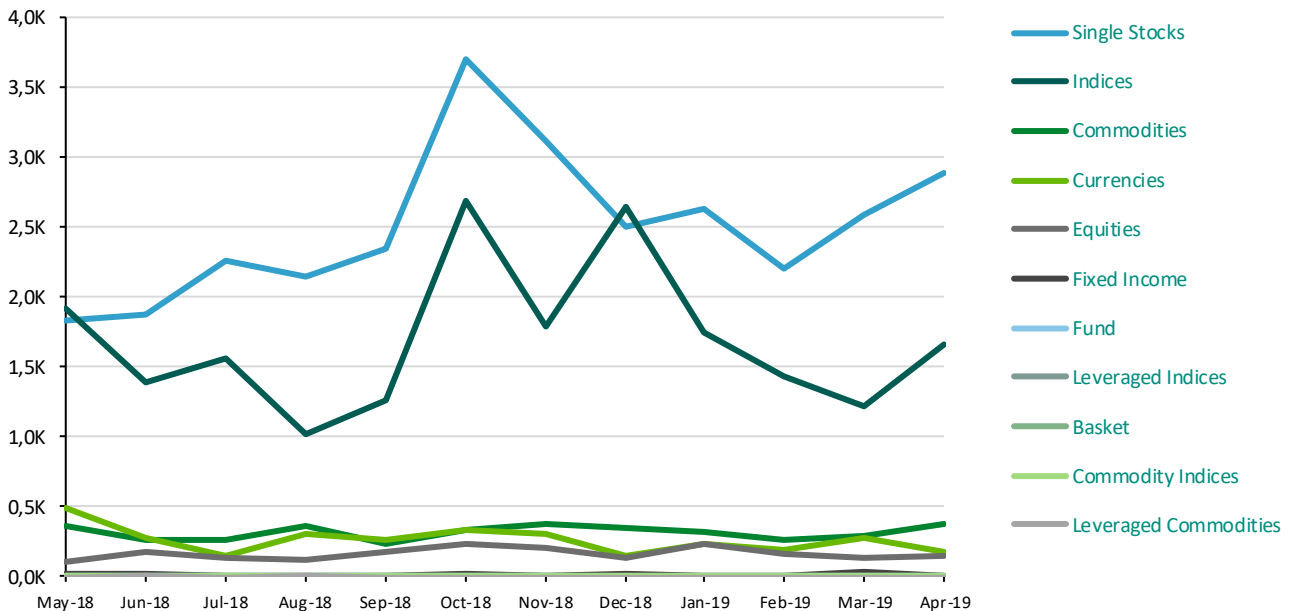
## Product Trend: Number of Live Products

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

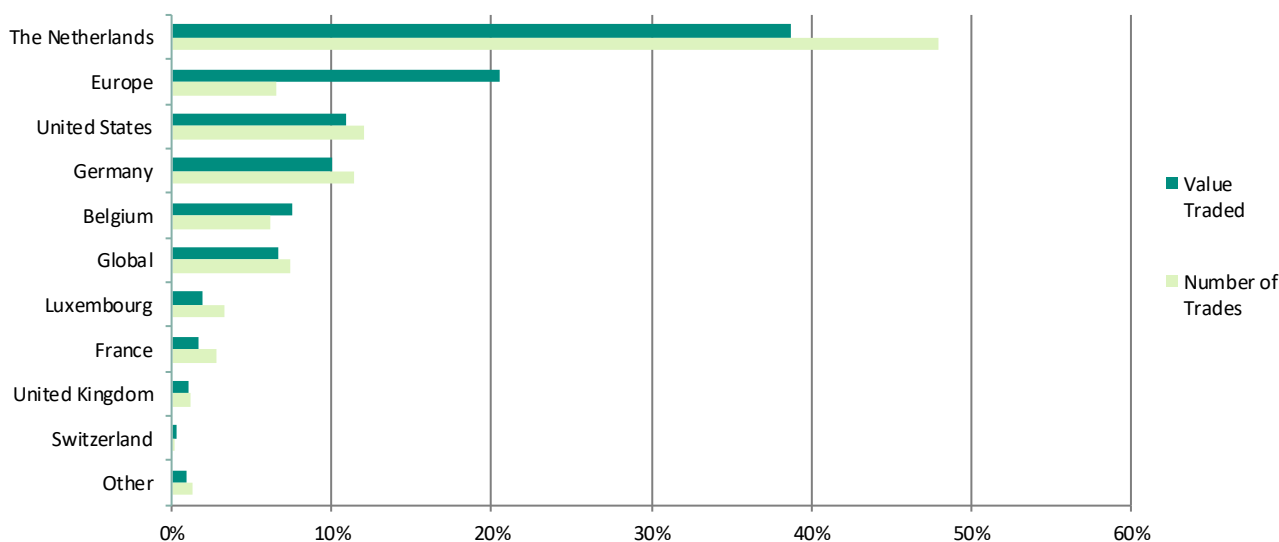
## Market Overview

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	7,136	-23%	-32%	38.8%	3,278	-15.6%	-15.8%	48.0%
Europe	3,780	-2.4%	21%	20.5%	443	-4.3%	-51%	6.5%
United States	2,008	-33%	-17.2%	10.9%	821	-16.0%	-8.0%	12.0%
Germany	1,847	10.7%	24%	10.0%	775	-10.0%	373%	11.3%
Belgium	1,377	-0.8%	0.5%	7.5%	419	-29%	-13.3%	6.1%
Global	1,224	35%	41%	6.7%	503	35%	51%	7.4%
Luxembourg	338	-13.4%	-27%	1.8%	227	1.8%	-5.0%	3.3%
France	294	-23%	-26%	1.6%	186	-17.4%	1.1%	2.7%
United Kingdom	191	-33%	-37%	1.0%	75	-28%	-11.8%	1.1%
Switzerland	48	-33%	14.6%	0.3%	11	-69%	-8.2%	0.2%
Other	169	7.6%	-14.8%	0.9%	90	2.7%	3.2%	1.3%
<b>Total</b>	<b>18,413</b>	<b>-13.9%</b>	<b>-12.8%</b>	<b>100%</b>	<b>6,829</b>	<b>-12.7%</b>	<b>-6.0%</b>	<b>100%</b>

(Source Euronext)

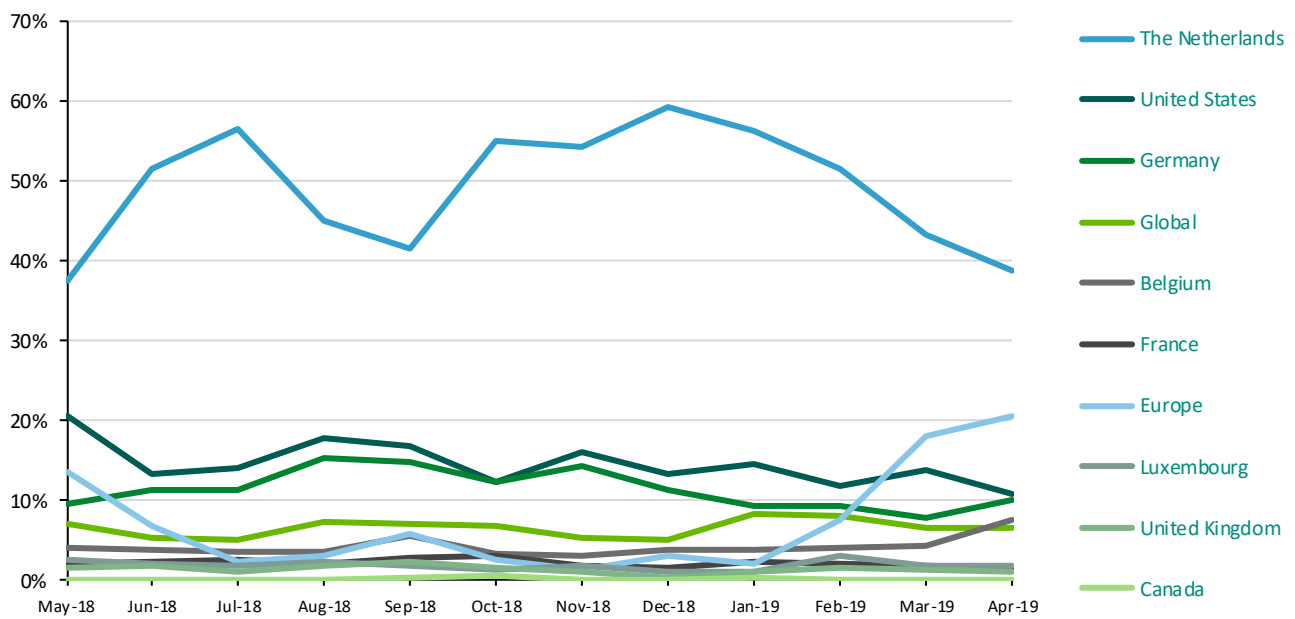




# TOP 10 UNDERLYING COUNTRIES

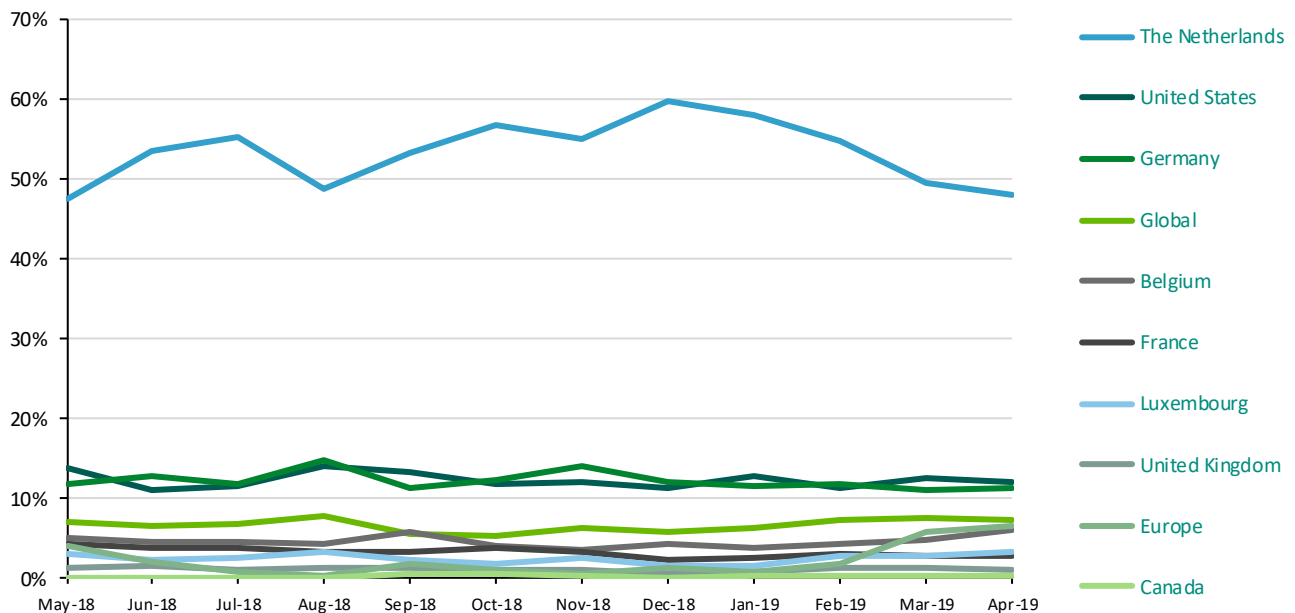
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

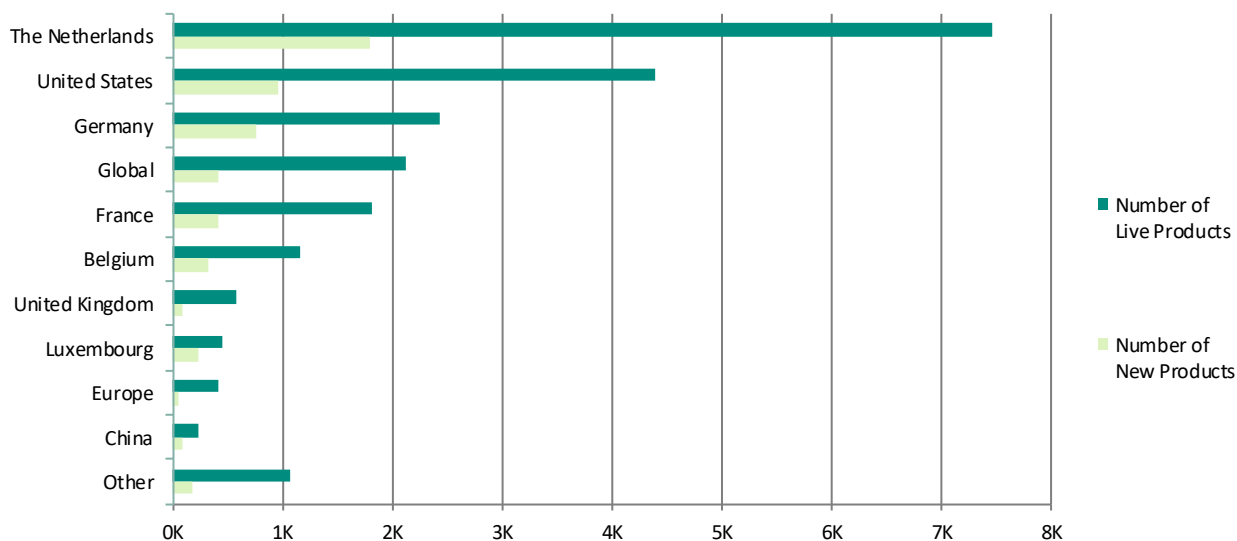
## Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
The Netherlands	7,473	3.7%	1.5%	33.7%	1,789	28%	6.6%	33.9%
United States	4,394	3.0%	12.2%	19.8%	953	-5.6%	-16.8%	18.1%
Germany	2,439	8.4%	5.9%	11.0%	767	33%	36%	14.5%
Global	2,124	3.9%	3.1%	9.6%	410	15.2%	8.3%	7.8%
France	1,821	4.4%	4.6%	8.2%	418	4.2%	3.1%	7.9%
Belgium	1,168	9.6%	11.6%	5.3%	314	33%	46%	6.0%
United Kingdom	579	1.5%	6.3%	2.6%	78	-45%	-32%	1.5%
Luxembourg	453	2.9%	-11.3%	2.0%	235	120%	28%	4.5%
Europe	408	-1.0%	0.3%	1.8%	41	-8.9%	-3.1%	0.8%
China	230	15.6%	39%	1.0%	93	26%	73%	1.8%
Other	1,070	-2.2%	1.8%	4.8%	175	-3.3%	-3.5%	3.3%
<b>Total</b>	<b>22,158</b>	<b>4.1%</b>	<b>4.9%</b>	<b>100%</b>	<b>5,273</b>	<b>16.4%</b>	<b>6.3%</b>	<b>100%</b>

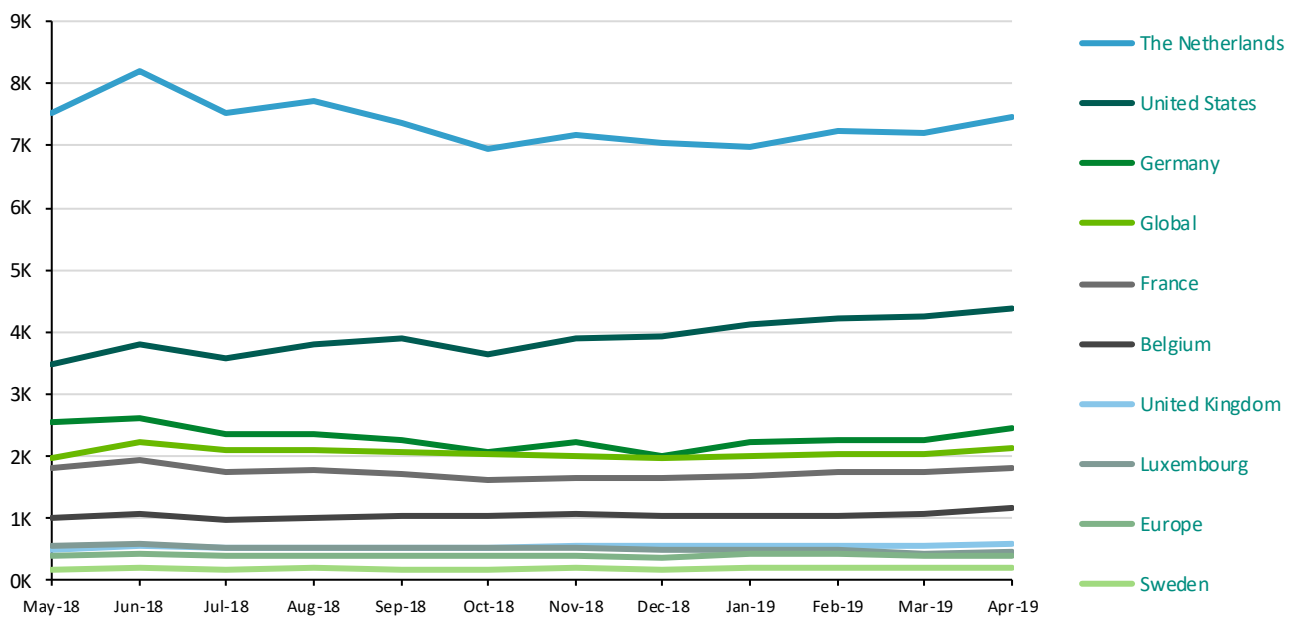
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

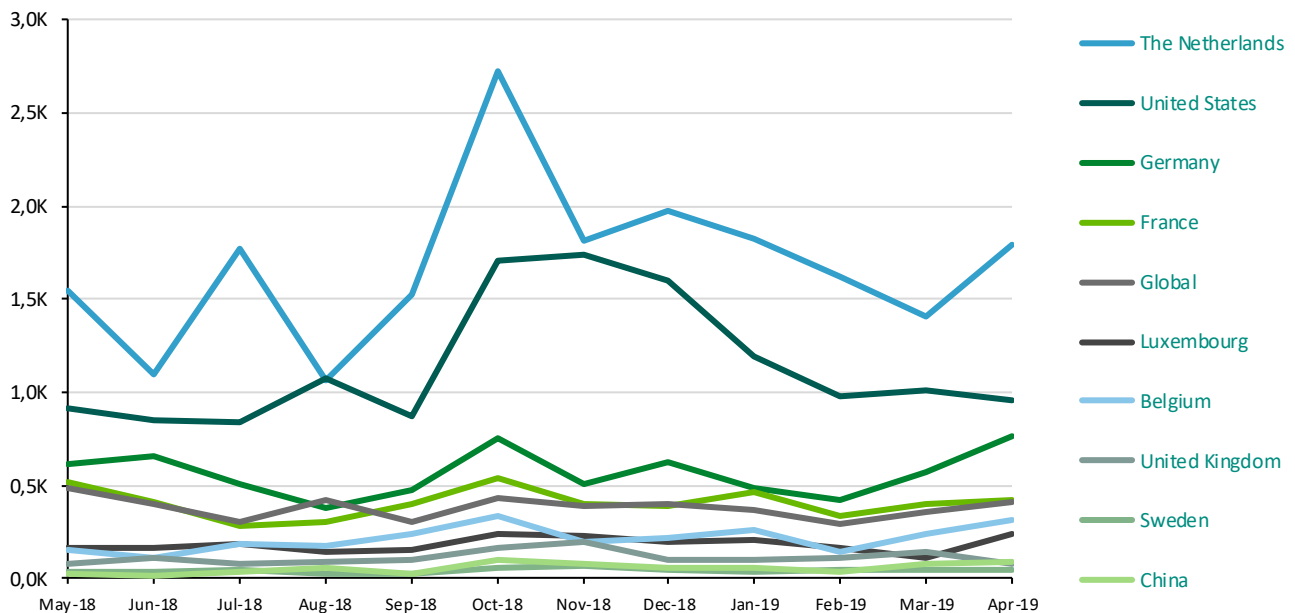
## Product Trend: Number of Live Products

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

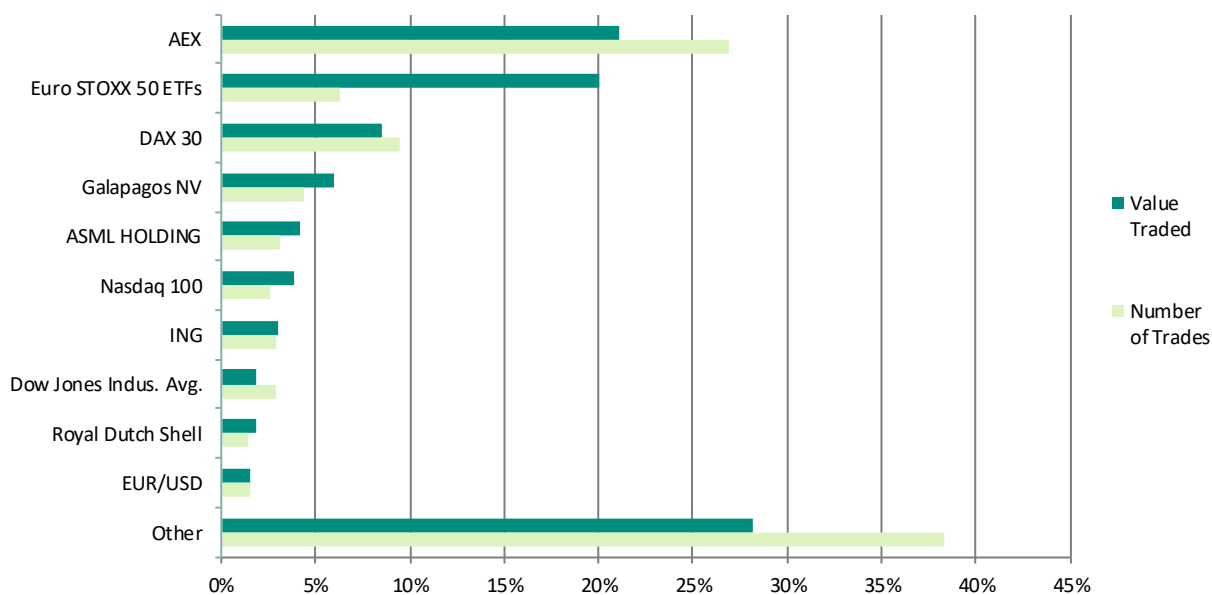
## Market Overview

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	3,876	-40%	-46%	21.1%	1,840	-26.4%	-24.6%	26.9%
Euro STOXX 50 ETFs	3,697	1.6%	70%	20.1%	427	-2.6%	-45%	6.2%
DAX 30	1,563	10.1%	17.5%	8.5%	645	-8.7%	195%	9.4%
Galapagos NV	1,099	7.7%	-14.1%	6.0%	302	84%	117%	4.4%
ASML HOLDING	767	10.0%	8.6%	4.2%	214	-24%	-7.4%	3.1%
Nasdaq 100	703	2.4%	18.3%	3.8%	177	-36%	3.7%	2.6%
ING	561	-0.8%	0.3%	3.0%	200	-8.0%	-2.4%	2.9%
Dow Jones Indus. Avg.	344	-36%	-28%	1.9%	199	10.6%	10.4%	2.9%
Royal Dutch Shell	334	-29%	-18.6%	1.8%	97	-56%	-43%	1.4%
EUR/USD	287	-32%	-26%	1.6%	108	-29%	-6.9%	1.6%
Other	5,183	-5.4%	-14.4%	28.1%	2,619	-2.7%	0.0%	38.4%
<b>Total</b>	<b>18,413</b>	<b>-13.9%</b>	<b>-12.8%</b>	<b>100%</b>	<b>6,829</b>	<b>-12.7%</b>	<b>-6.0%</b>	<b>100%</b>

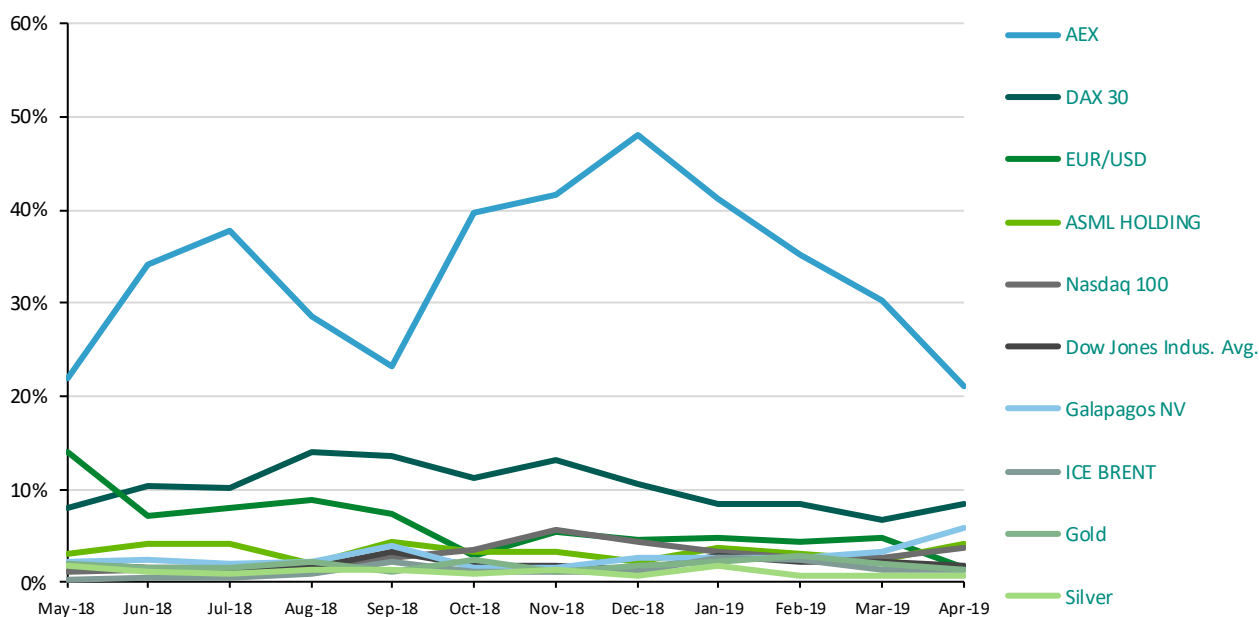
(Source Euronext)



# TOP 10 UNDERLYINGS

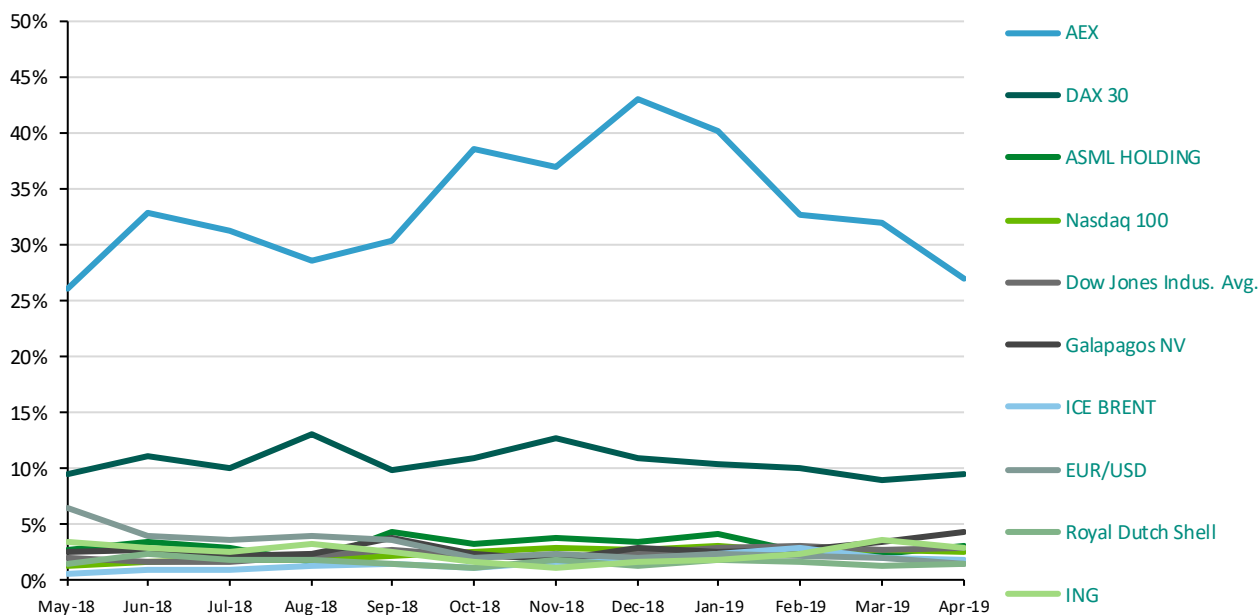
## Market Trend: Value traded

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

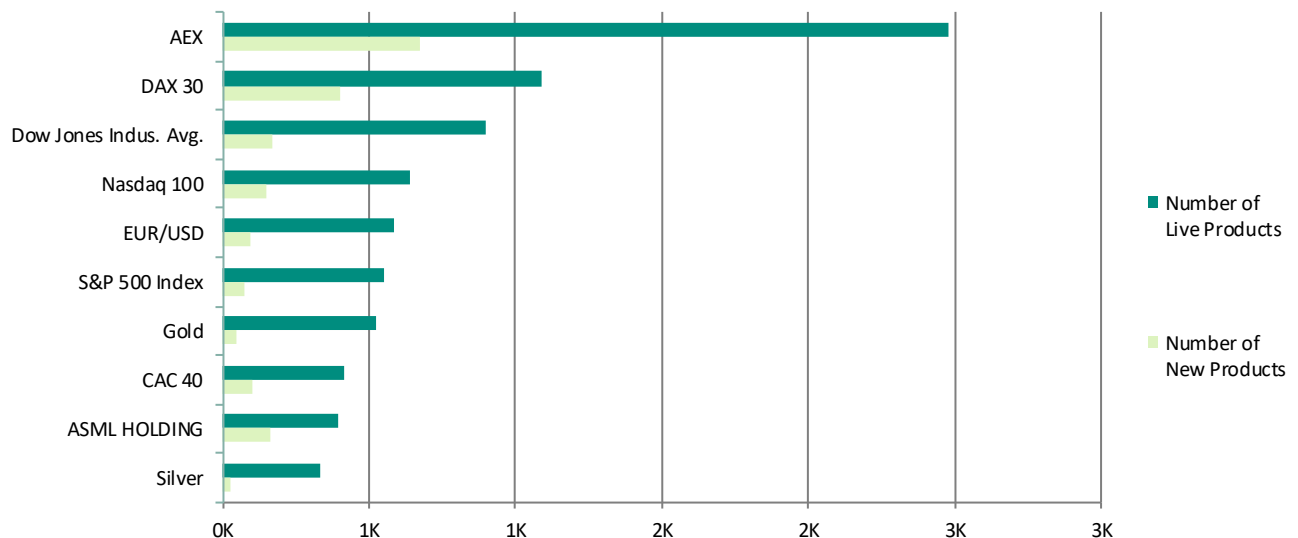
## Product Overview

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	2,480	4.7%	-0.5%	11.2%	675	78%	7.7%	12.8%
DAX 30	1,091	4.2%	2.1%	4.9%	397	68%	17.5%	7.5%
Dow Jones Indus. Avg.	897	3.4%	20%	4.0%	169	25%	-30%	3.2%
Nasdaq 100	642	5.9%	25%	2.9%	149	-24%	-17.6%	2.8%
EUR/USD	582	2.6%	-7.7%	2.6%	92	-12.4%	-28%	1.7%
S&P 500 Index	547	-1.0%	6.0%	2.5%	70	37%	-24%	1.3%
Gold	521	-1.6%	-2.6%	2.4%	45	-36%	-33%	0.9%
CAC 40	415	4.1%	-3.9%	1.9%	101	20%	-13.2%	1.9%
ASML HOLDING	395	11.3%	6.3%	1.8%	162	105%	55%	3.1%
Silver	334	-0.5%	5.0%	1.5%	24	-55%	-53%	0.5%
Other	14,255	4.3%	5.7%	64.3%	3,389	8.0%	12.3%	64.3%
Total	22,158	4.1%	4.9%	100%	5,273	16.4%	6.3%	100%

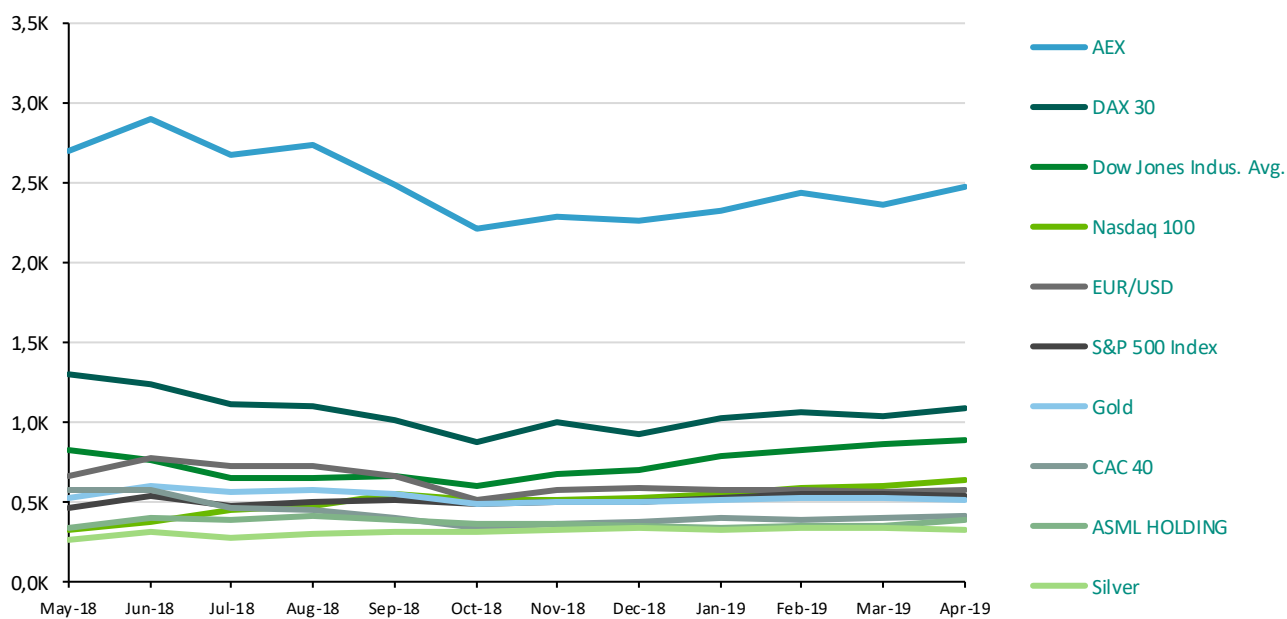
(Source Euronext)



# TOP 10 UNDERLYINGS

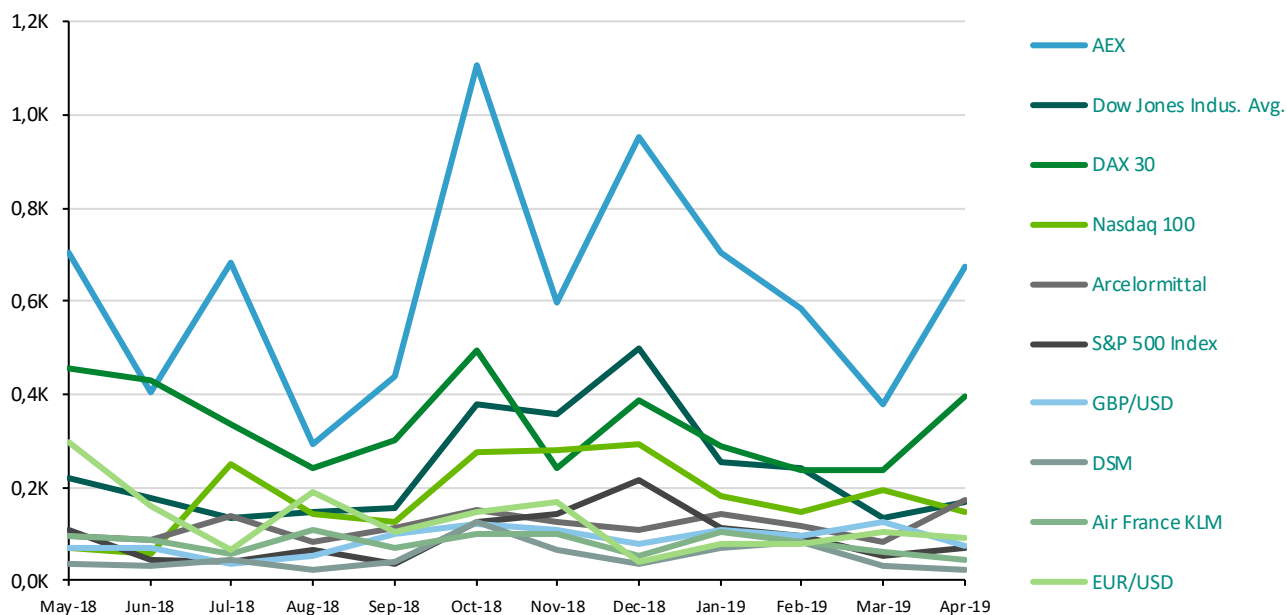
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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
NL0013418072	ING	2100	Warrants	Euro STOXX 50 ETFs	50,699	4,198
NL0013325319	ING	2100	Warrants	Euro STOXX 50 ETFs	31,347	4,640
NL0013418080	ING	2100	Warrants	Euro STOXX 50 ETFs	18,377	2,248
NL0013418056	ING	2100	Warrants	Euro STOXX 50 ETFs	16,683	1,024
DE000CU1BV67	Commerzbank	2210	Mini-Futures	DAX 30	8,967	82
NL0013325327	ING	2100	Warrants	Euro STOXX 50 ETFs	8,606	1,250
NL0013375454	BNP Paribas	2210	Mini-Futures	AEX	7,580	1,174
NL0013325301	ING	2100	Warrants	Euro STOXX 50 ETFs	6,187	1,040
NL0013418064	ING	2100	Warrants	Euro STOXX 50 ETFs	5,472	742
NL0013372436	BNP Paribas	2210	Mini-Futures	AEX	4,174	708
NL0013366974	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	4,132	444
NL0013375462	BNP Paribas	2210	Mini-Futures	Nasdaq 100	4,060	76
DE000CV8B896	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	3,790	4,846
NL0013353543	BNP Paribas	2210	Mini-Futures	AEX	3,627	462
NL0012903959	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	3,619	5,254
NL0013368350	BNP Paribas	2205	Open-End Knock-Out Warrants	Royal Dutch Shell	3,606	802
NL0011911714	BNP Paribas	2210	Mini-Futures	VIX Futures	3,545	392
NL0012265425	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,436	2,062
DE000VL61H58	Vontobel	2210	Mini-Futures	AEX	3,250	2,456
NL0013371222	BNP Paribas	2210	Mini-Futures	AEX	2,893	290
NL0013372428	BNP Paribas	2210	Mini-Futures	AEX	2,800	550
NL0013377146	BNP Paribas	2210	Mini-Futures	AEX	2,625	428
DE000CP68CG9	Citi	2200	Knock-Out Warrants	AEX	2,572	3,662
DE000CY516N7	Citi	2210	Mini-Futures	Galapagos NV	2,512	808
NL0013374788	BNP Paribas	2210	Mini-Futures	AEX	2,488	308
NL0011539267	BNP Paribas	2205	Open-End Knock-Out Warrants	Heineken	2,480	94
NL0013373178	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	2,424	376
NL0013201817	ING	2210	Mini-Futures	GBP/USD	2,313	552
NL0012994701	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	2,262	1,542
NL0012982995	BNP Paribas	2210	Mini-Futures	AEX	2,259	516
NL0013376692	BNP Paribas	2210	Mini-Futures	AEX	2,247	472
DE000CU1CJ21	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	2,231	64
DE000CU1CPJ4	Commerzbank	2210	Mini-Futures	AEX	2,191	656
NL0013354160	BNP Paribas	2210	Mini-Futures	Nasdaq 100	2,145	62
NL0012818439	ING	2100	Warrants	Euro STOXX 50 ETFs	2,123	476
LU1650954560	Société Générale	2205	Open-End Knock-Out Warrants	Galapagos NV	2,091	550
DE000CJ3NOW7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	2,046	306
NL0013111685	Commerzbank	1250	Capped Bonus Certificates	Aalberts	2,021	84
NL0013371511	BNP Paribas	2210	Mini-Futures	AEX	2,008	266
NL0013375611	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	1,982	566
NL0013372352	BNP Paribas	2210	Mini-Futures	AEX	1,978	388
NL0013372881	BNP Paribas	2210	Mini-Futures	Nasdaq 100	1,958	30
NL0013371016	BNP Paribas	2210	Mini-Futures	Galapagos NV	1,927	276
NL0013388895	Goldman Sachs	2210	Mini-Futures	Galapagos NV	1,845	58
NL0013208994	ING	2205	Open-End Knock-Out Warrants	Galapagos NV	1,834	718
NL0013156771	BNP Paribas	2210	Mini-Futures	Silver	1,830	128
NL0013371107	BNP Paribas	2205	Open-End Knock-Out Warrants	Galapagos NV	1,802	282
DE000CJ3ROQ5	Commerzbank	2205	Open-End Knock-Out Warrants	ASML HOLDING	1,783	410
NL0013372121	BNP Paribas	2210	Mini-Futures	Galapagos NV	1,774	258
DE000CE6E929	Commerzbank	2210	Mini-Futures	Galapagos NV	1,715	454

(Source Euronext)





Euronext Brussels

# ISSUERS

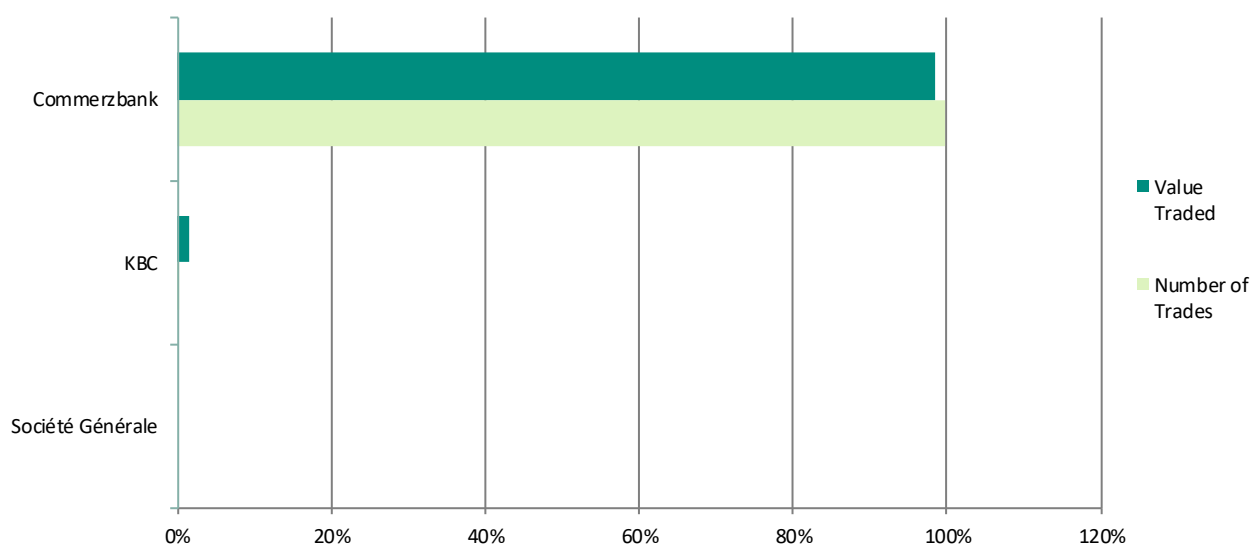
## Market Overview

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	442	45%	-10.2%	98.5%	339	76.3%	42.3%	99.9%
KBC	7		-91%	1.5%	0.5		-59.0%	0.1%
Société Générale	0		-100%	0.0%	0.0		-100.0%	0.0%
Total	448	47.7%	-21.6%	100%	339	76.5%	41.8%	100%

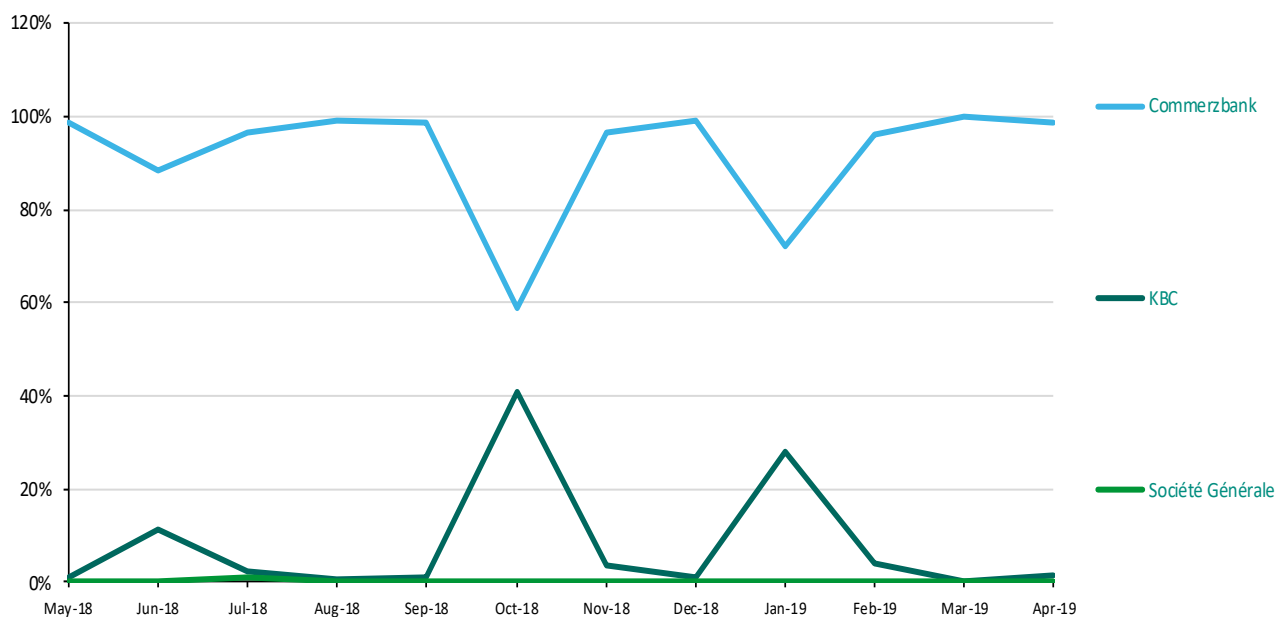
(Source Euronext)



# ISSUERS

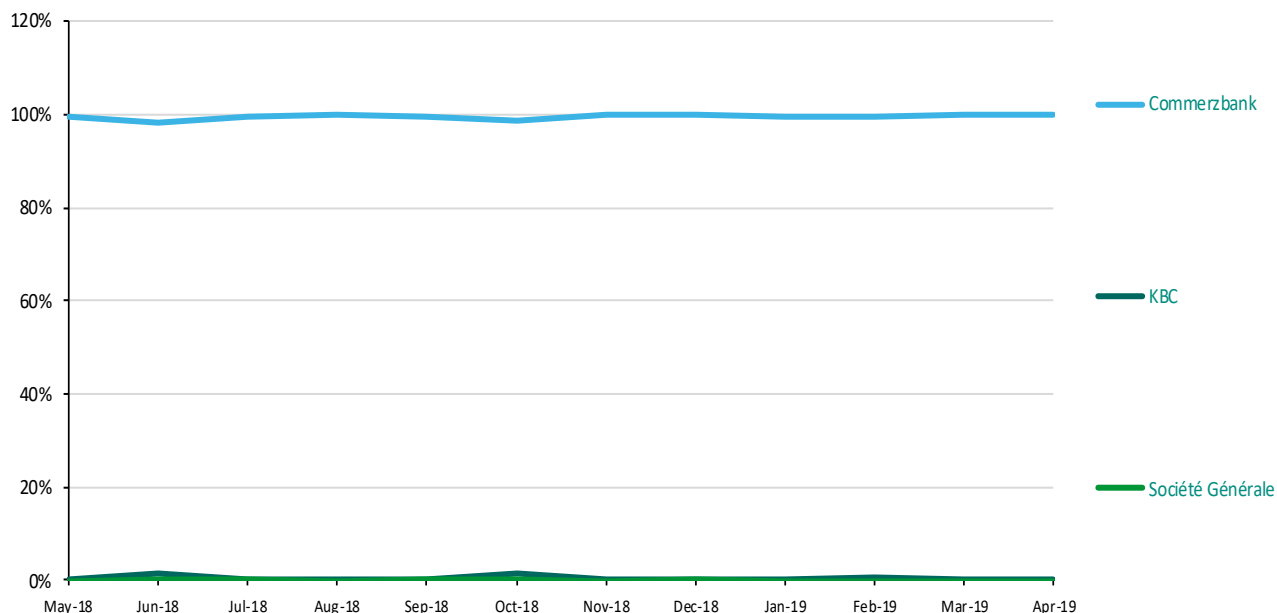
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

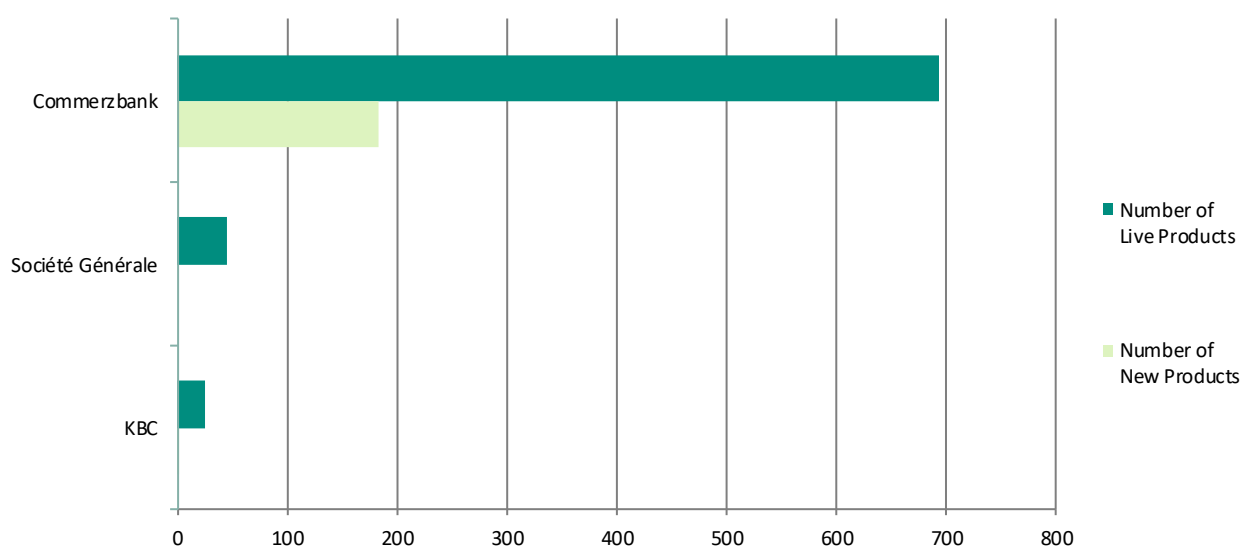
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	693	-0.2%	-12.8%	90.8%	183	-23%	-16.6%	99.5%
Société Générale	45	0.0%	-7.1%	5.9%	0			0.0%
KBC	26	8.6%	11.4%	3.3%	1	0.0%	-52%	0.5%
Total	764	0.1%	-11.8%	100%	184	-23.0%	-16.9%	100%

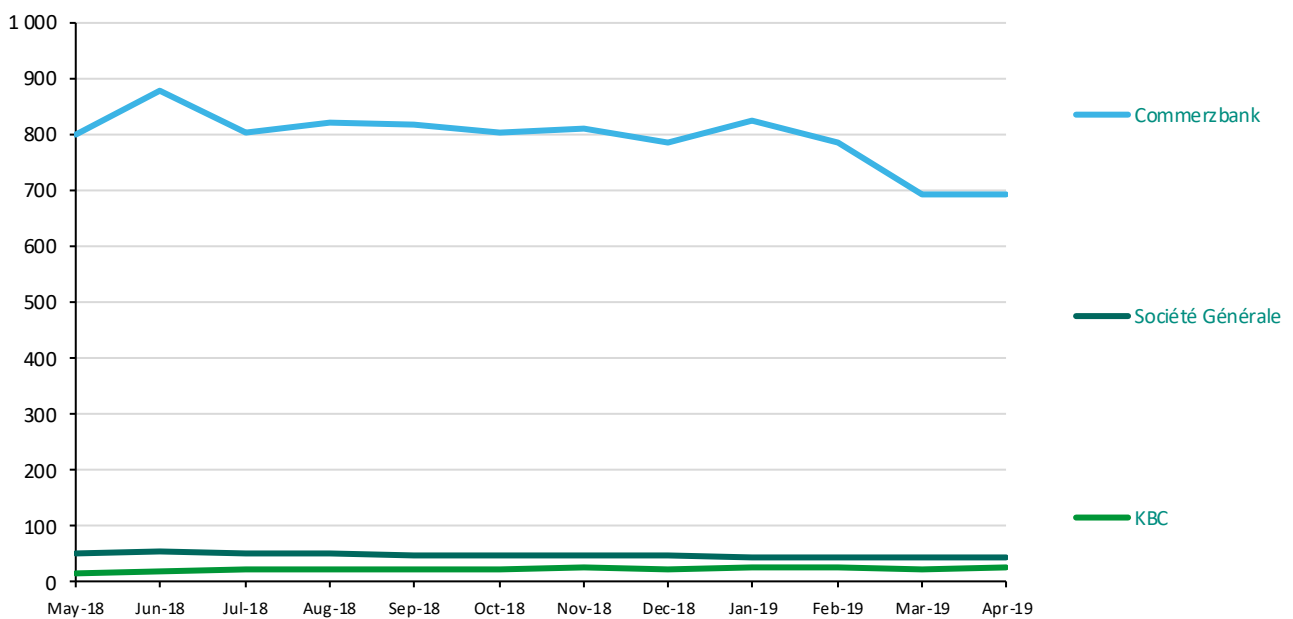
(Source Euronext)



# ISSUERS

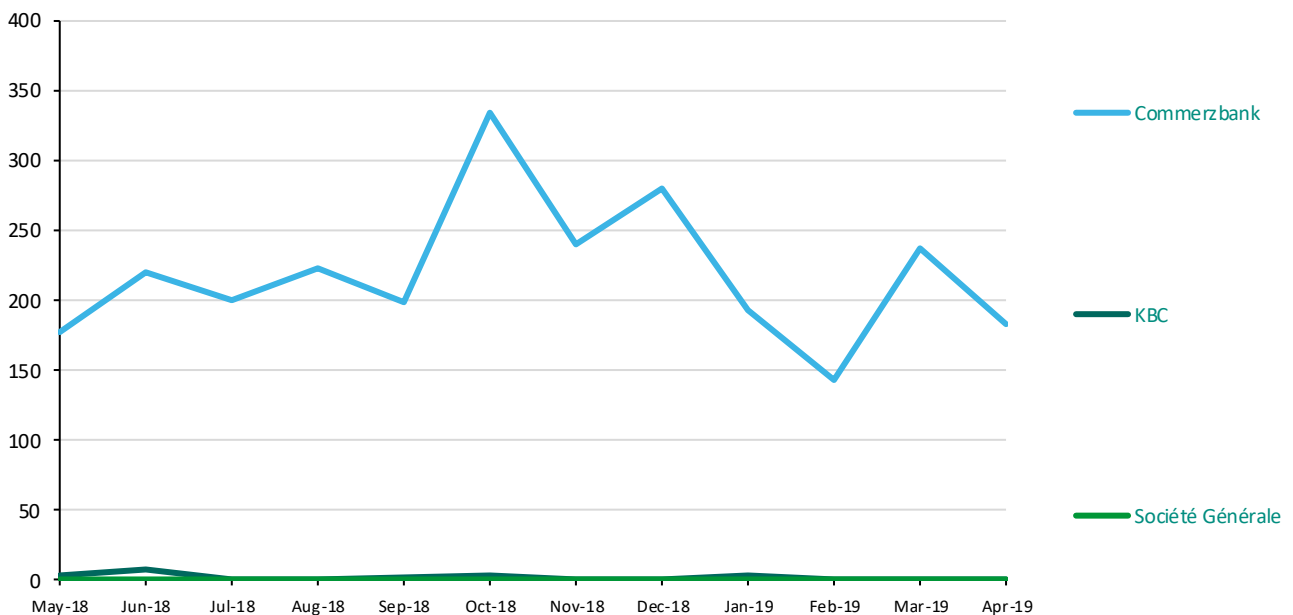
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

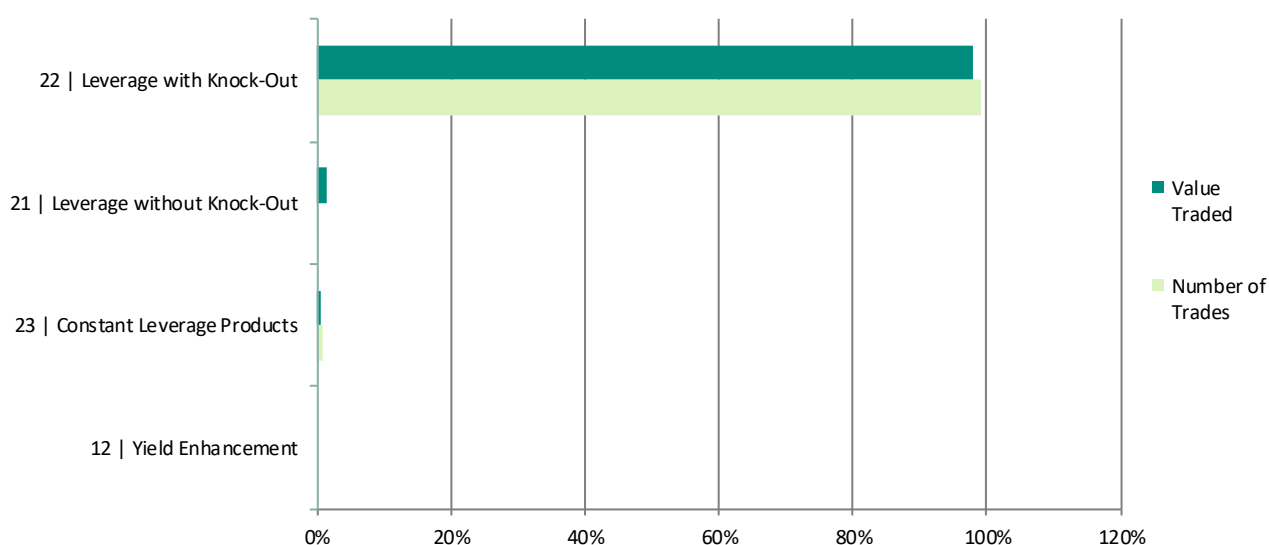
### Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	440	47%	-8.9%	98.1%	336	78.8%	43.9%	99.1%
21   Leverage without Knock-Out	7	67%	-90%	1.5%	0.5	-89.3%	88.1%	0.1%
23   Constant Leverage Products	2		-82%	0.4%	2.7		208.6%	0.8%
12   Yield Enhancement	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>448</b>	<b>47.7%</b>	<b>-21.6%</b>	<b>100%</b>	<b>339</b>	<b>76.5%</b>	<b>41.8%</b>	<b>100%</b>

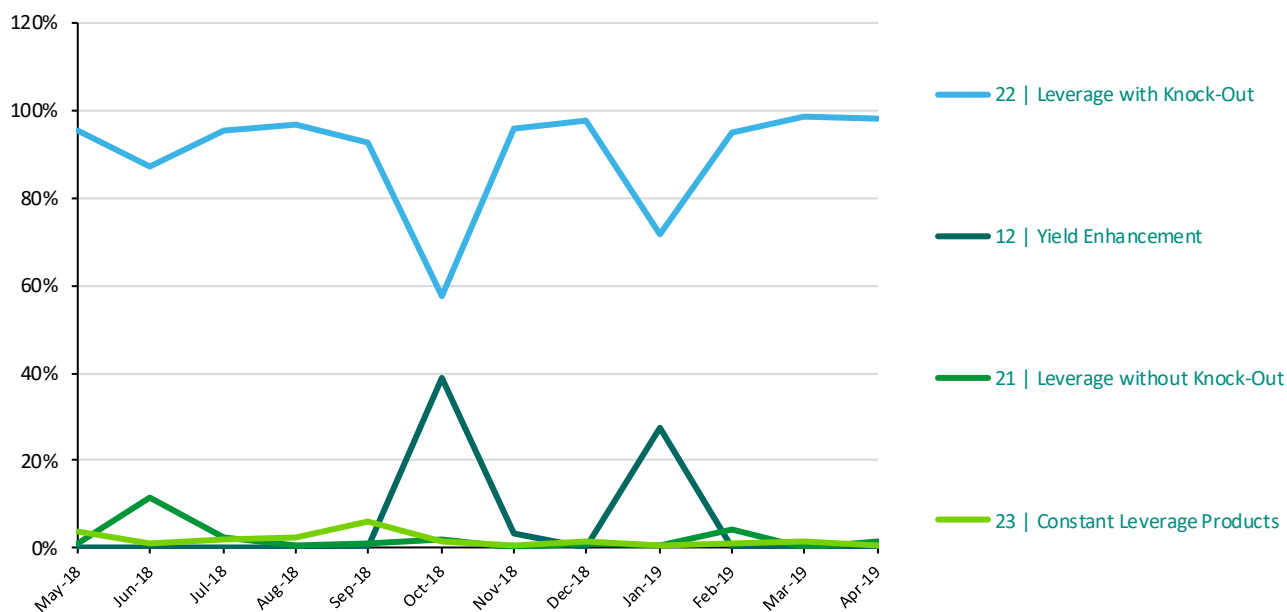
(Source Euronext)



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

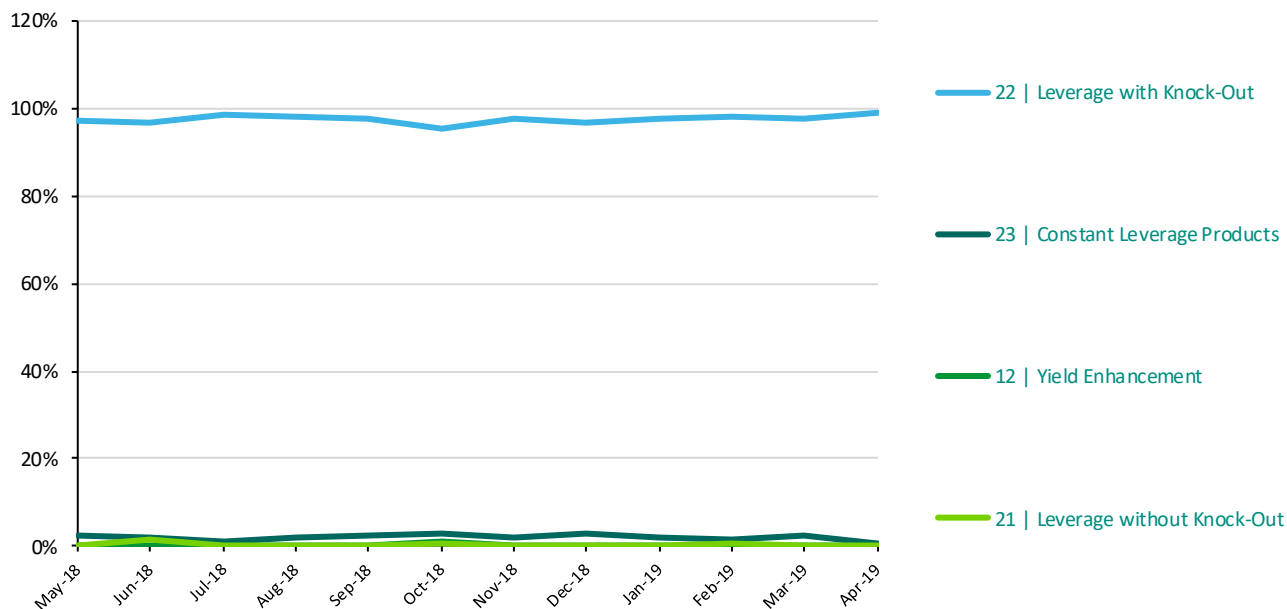
## Market Trend: Value traded

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

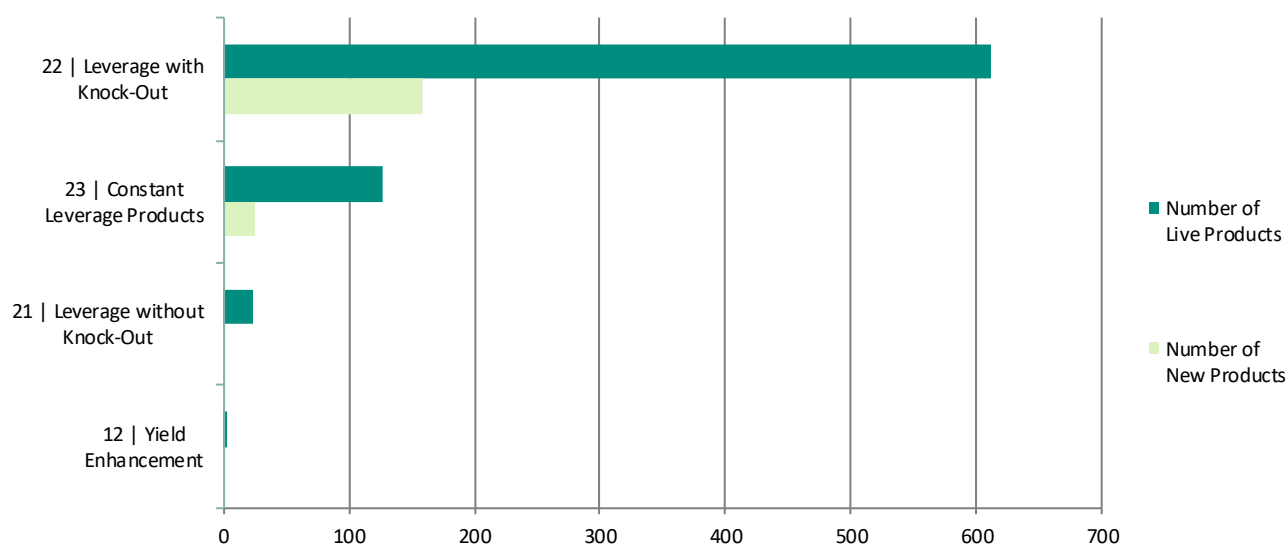
### Product Overview

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	612	-0.7%	-15.7%	80.1%	158	-24%	-26%	85.9%
23   Constant Leverage Products	126	2.6%	8.4%	16.5%	25	-13.8%	392%	13.6%
21   Leverage without Knock-Out	23	11.9%	5.3%	3.1%	1	0.0%	-45%	0.5%
12   Yield Enhancement	2	-18.8%	83%	0.3%	0		-100%	0.0%
<b>Total</b>	<b>764</b>	<b>0.1%</b>	<b>-11.8%</b>	<b>100%</b>	<b>184</b>	<b>-23.0%</b>	<b>-16.9%</b>	<b>100%</b>

(Source Euronext)

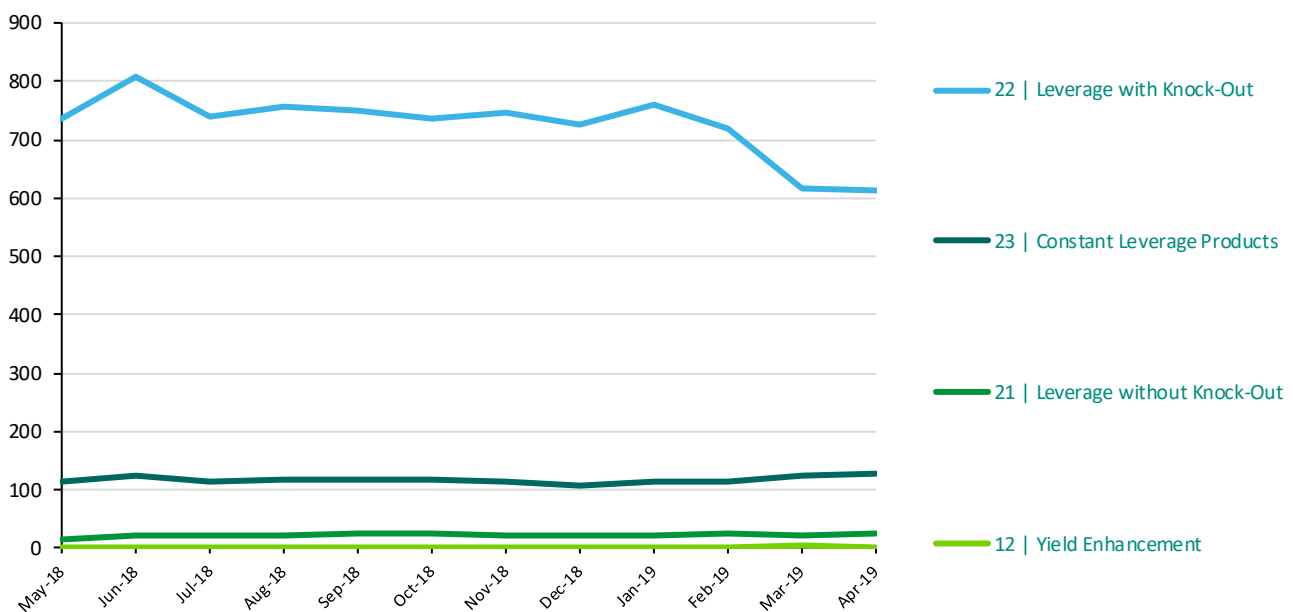




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

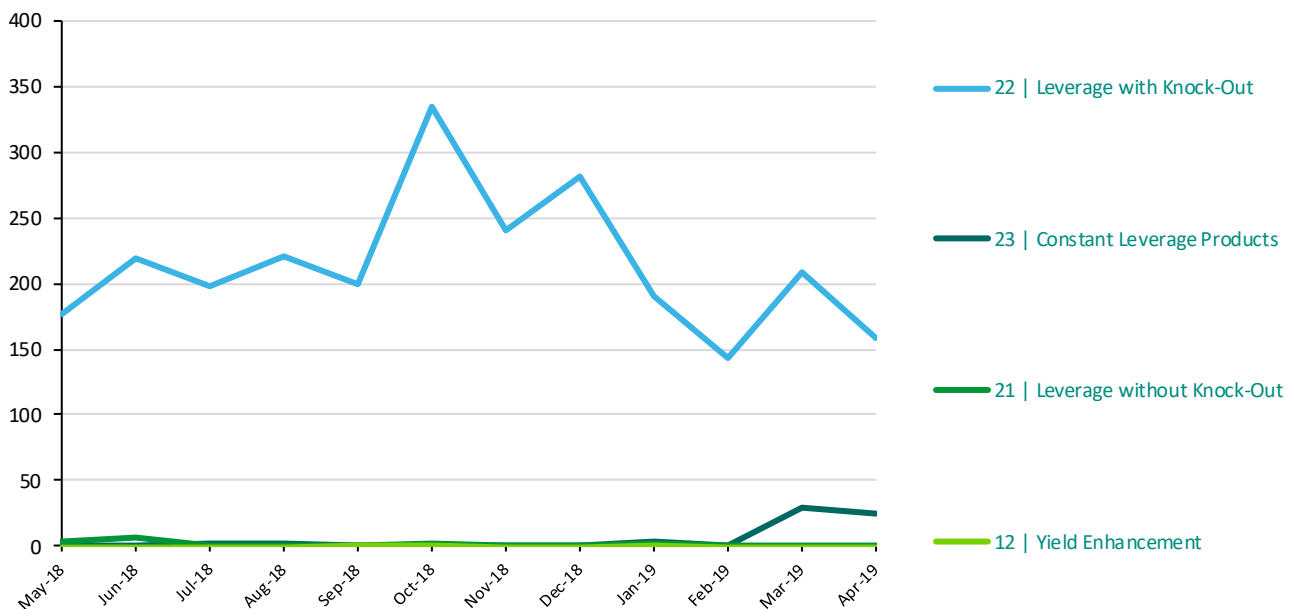
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

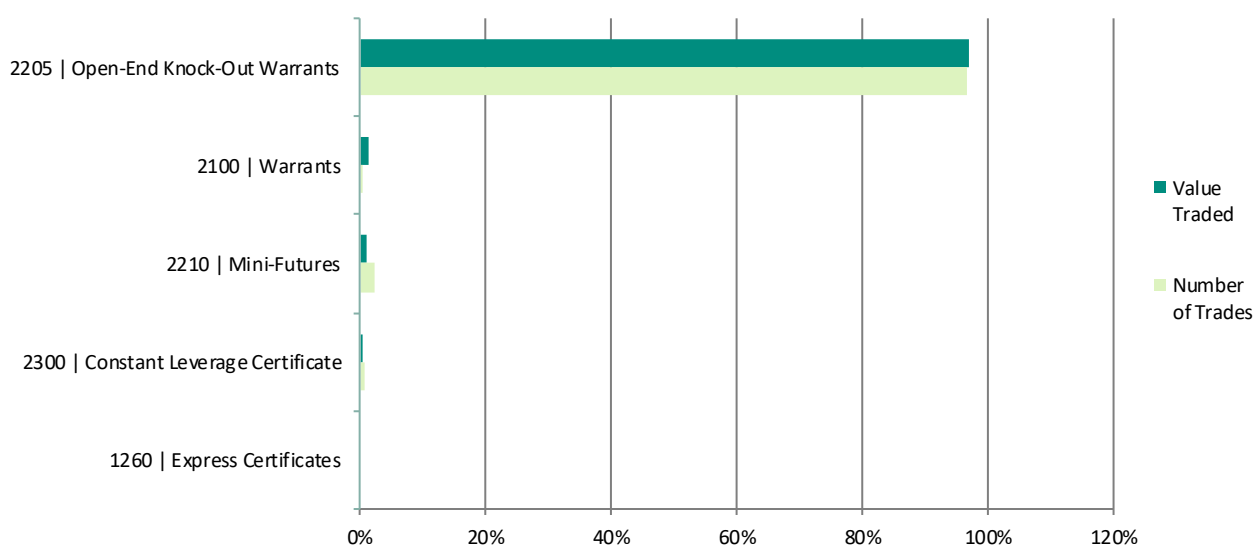
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	435	49%	-8.4%	97.1%	328	78.7%	43.7%	96.9%
2100   Warrants	7	-19.1%	-90%	1.5%	0.5	-89%	88%	0.1%
2210   Mini-Futures	4	5.2%	-62%	0.9%	7.6	80%	779%	2.2%
2300   Constant Leverage Certificate	2		-80%	0.4%	2.7		-43%	0.8%
1260   Express Certificates	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>448</b>	<b>47.7%</b>	<b>-21.6%</b>	<b>100%</b>	<b>339</b>	<b>76.5%</b>	<b>41.8%</b>	<b>100%</b>

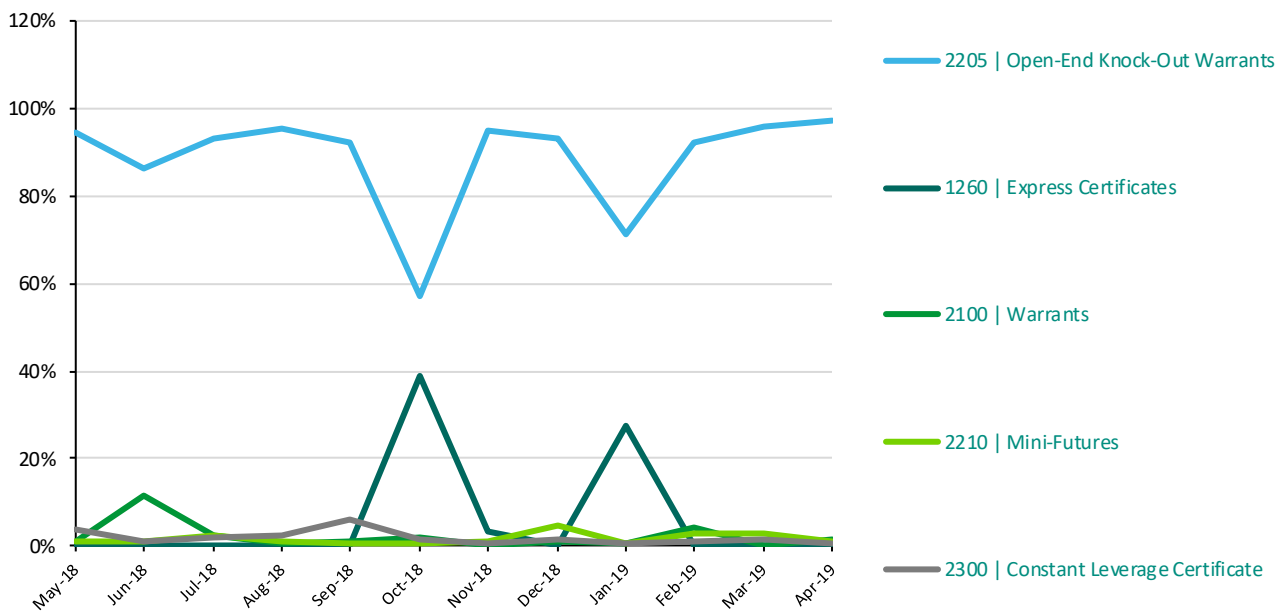
(Source Euronext)



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

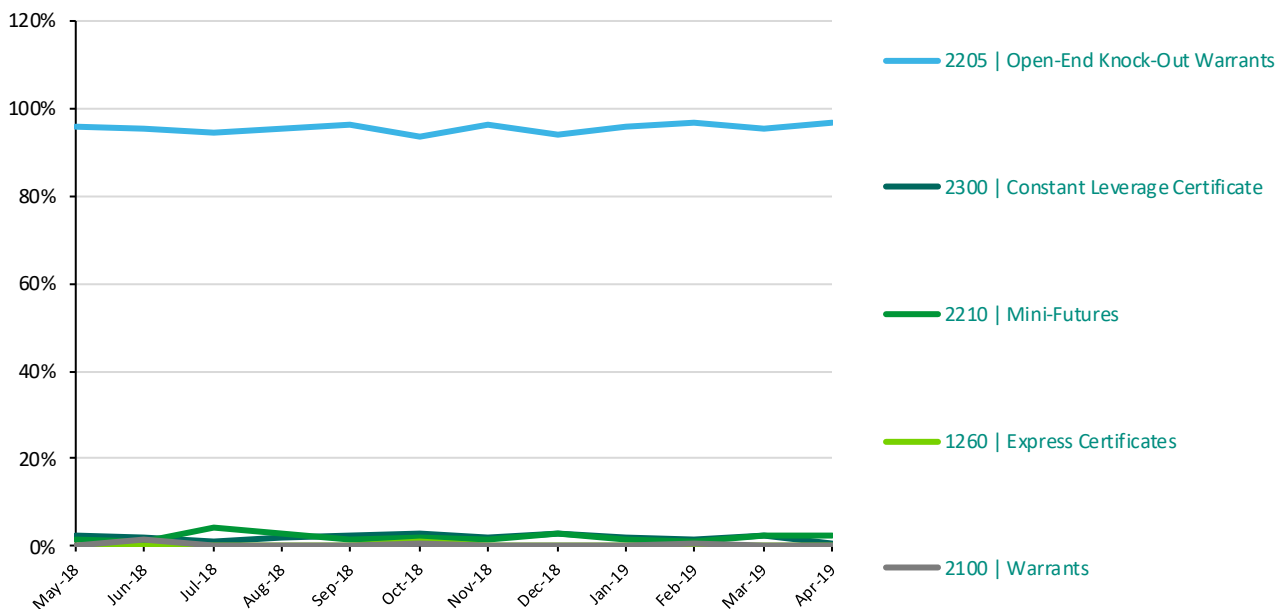
## Market Trend: Value traded

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

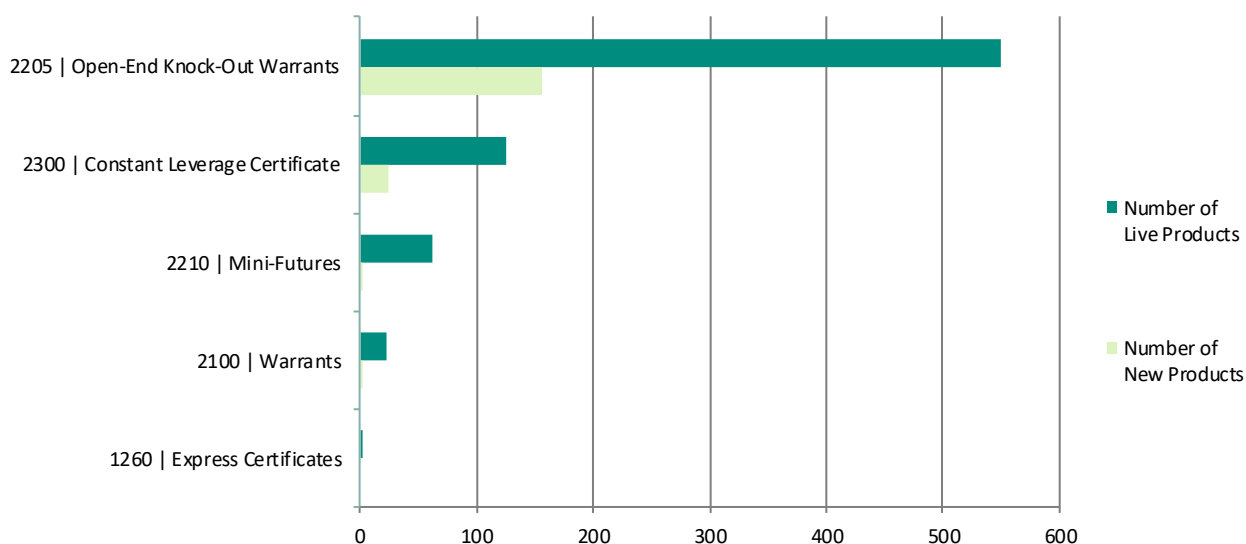
## Product Overview

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	550	-0.1%	-13.4%	72.0%	156	-24%	-26%	84.8%
2300   Constant Leverage Certificate	126	2.6%	8.4%	16.5%	25	-13.8%	392%	13.6%
2210   Mini-Futures	62	-6.0%	-32%	8.1%	2	-50%	-49%	1.1%
2100   Warrants	23	11.9%	5.3%	3.1%	1	0.0%	-45%	0.5%
1260   Express Certificates	2	-18.8%	83%	0.3%	0		-100%	0.0%
<b>Total</b>	<b>764</b>	<b>0.1%</b>	<b>-11.8%</b>	<b>100%</b>	<b>184</b>	<b>-23.0%</b>	<b>-16.9%</b>	<b>100%</b>

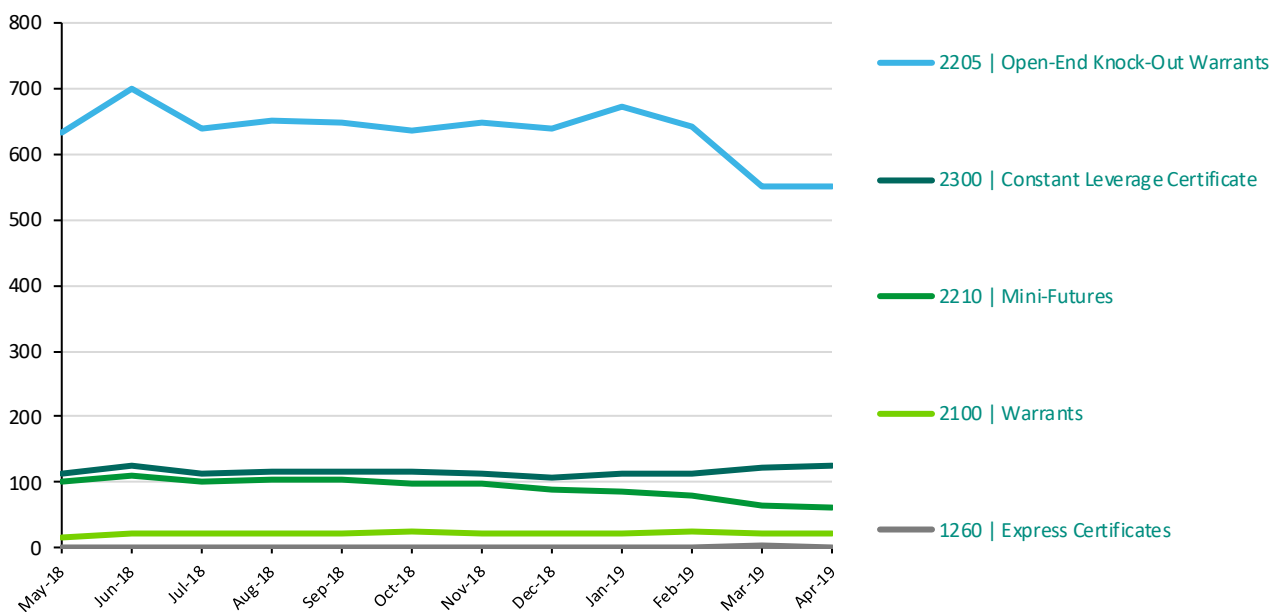
(Source Euronext)



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

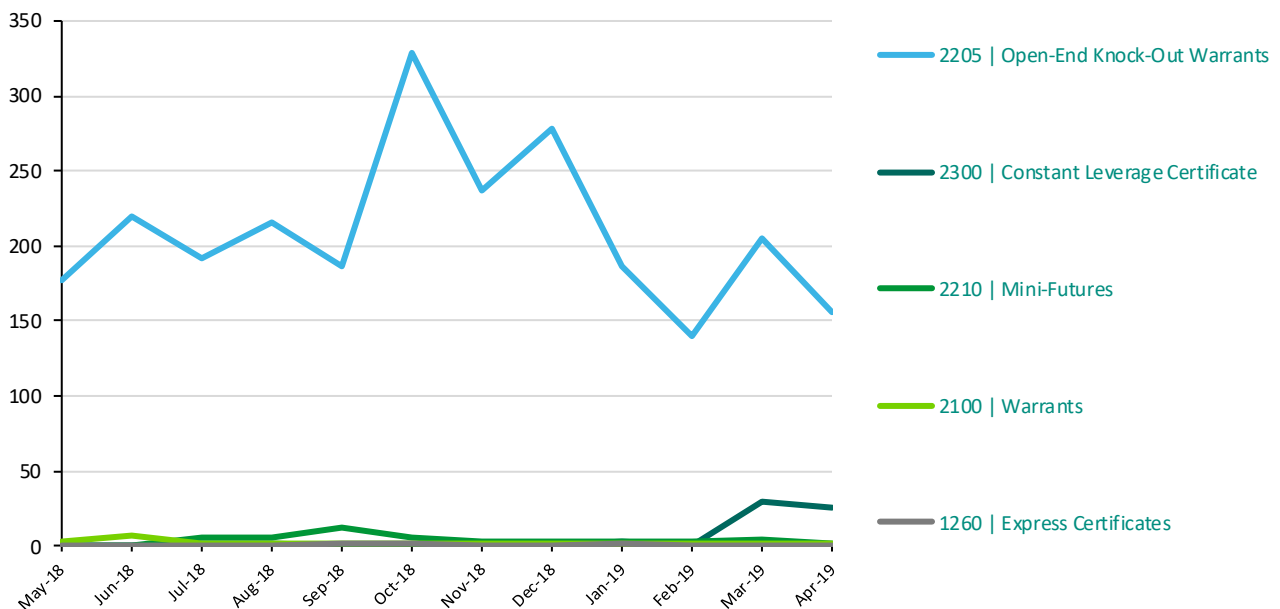
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

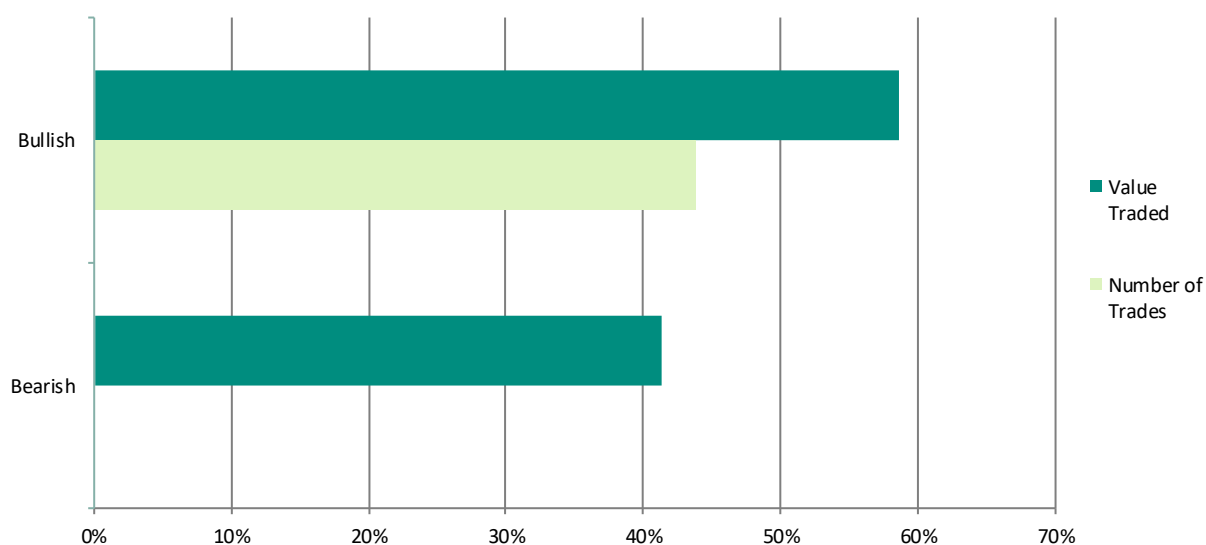
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	263	56%	-35%	58.6%	148	22.4%	-3.4%	43.8%
Bearish	186	37%	10.8%	41.4%	0.0	-100%	-100%	0.0%
Total	448	47.7%	-21.6%	100%	339	76.5%	41.8%	100%

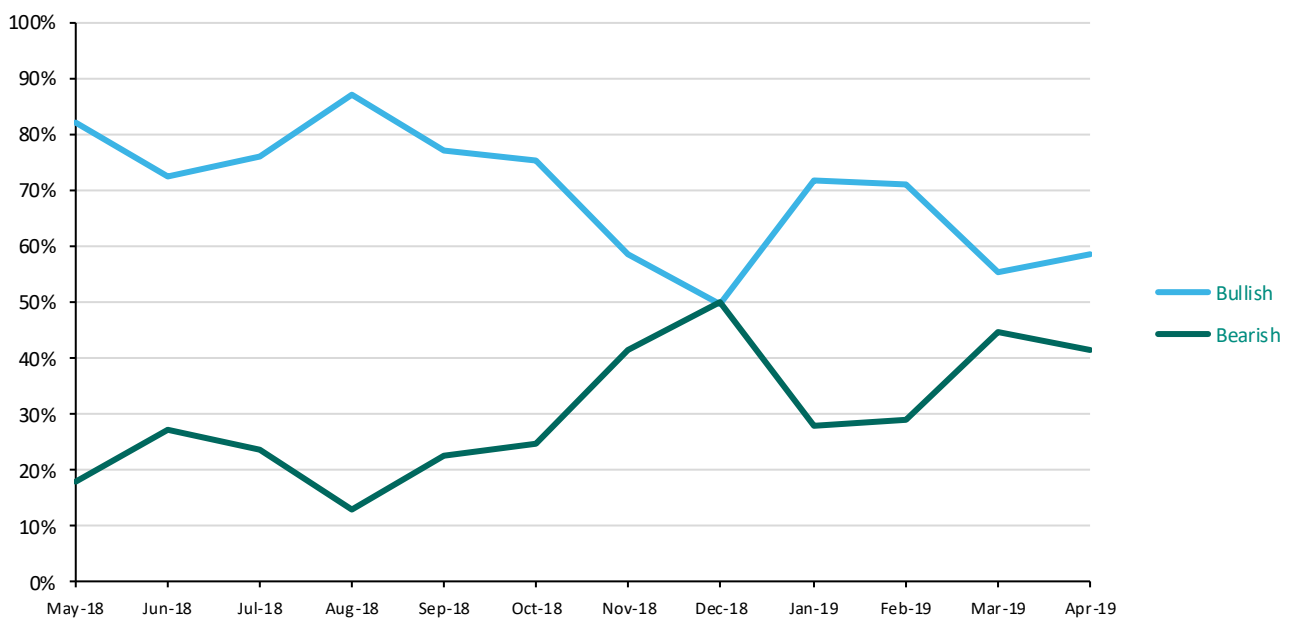
(Source Euronext)



# PRODUCT STRATEGIES

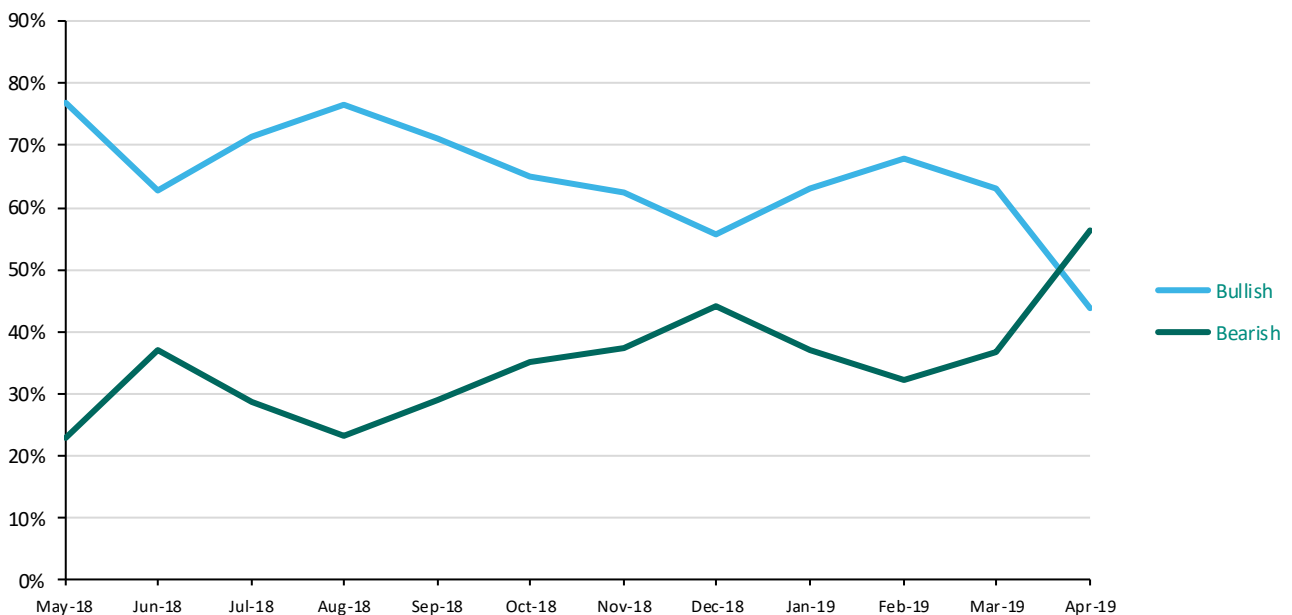
## Market Trend: Value traded

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

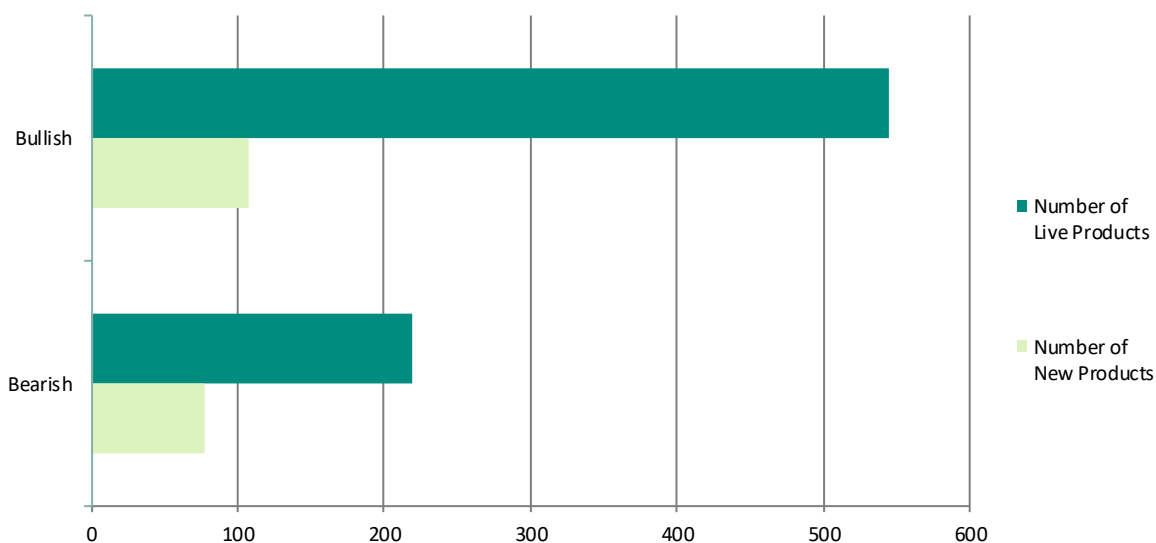
## Product Overview

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	545	4.9%	-3.6%	71.4%	107	4.9%	-15.6%	58.2%
Bearish	219	-10.1%	-27%	28.6%	77	-44%	-18.7%	41.8%
Total	764	0.1%	-11.8%	100%	184	-23.0%	-16.9%	100%

(Source Euronext)

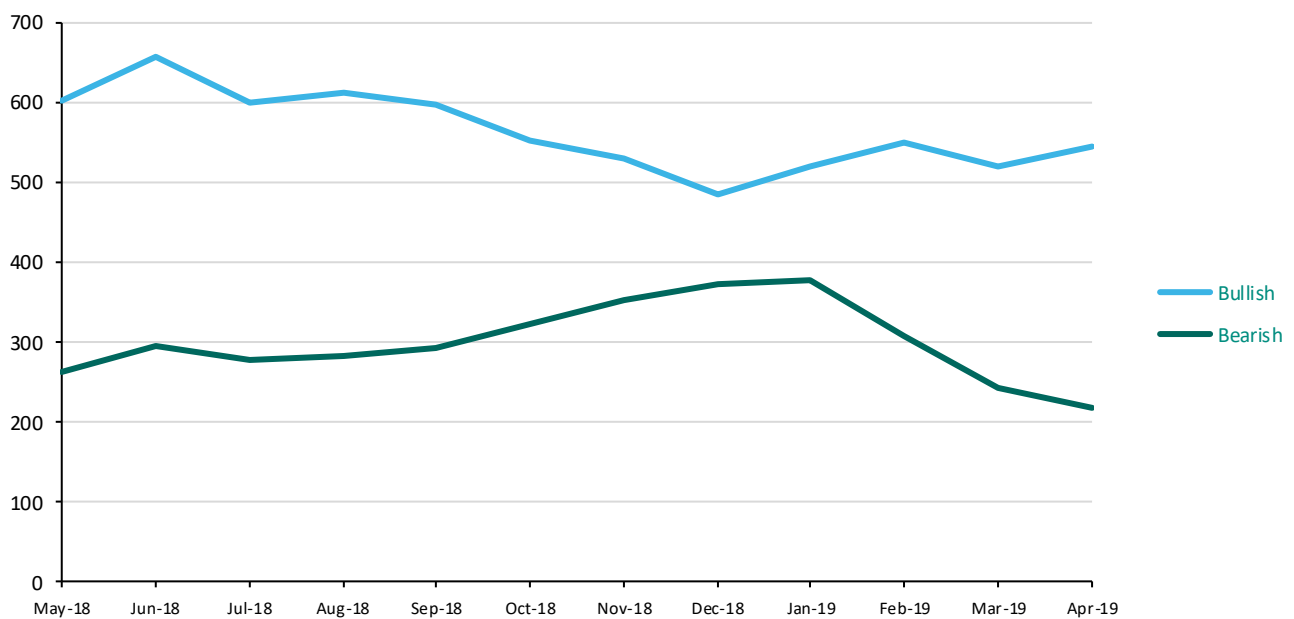




# PRODUCT STRATEGIES

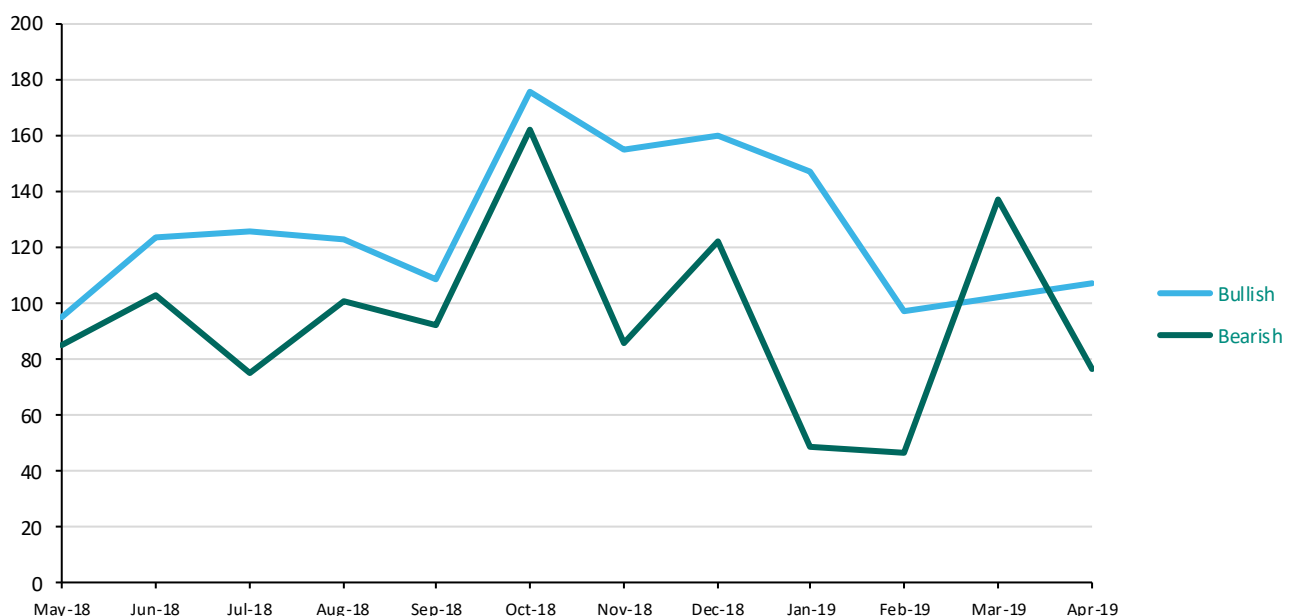
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# UNDERLYING TYPES

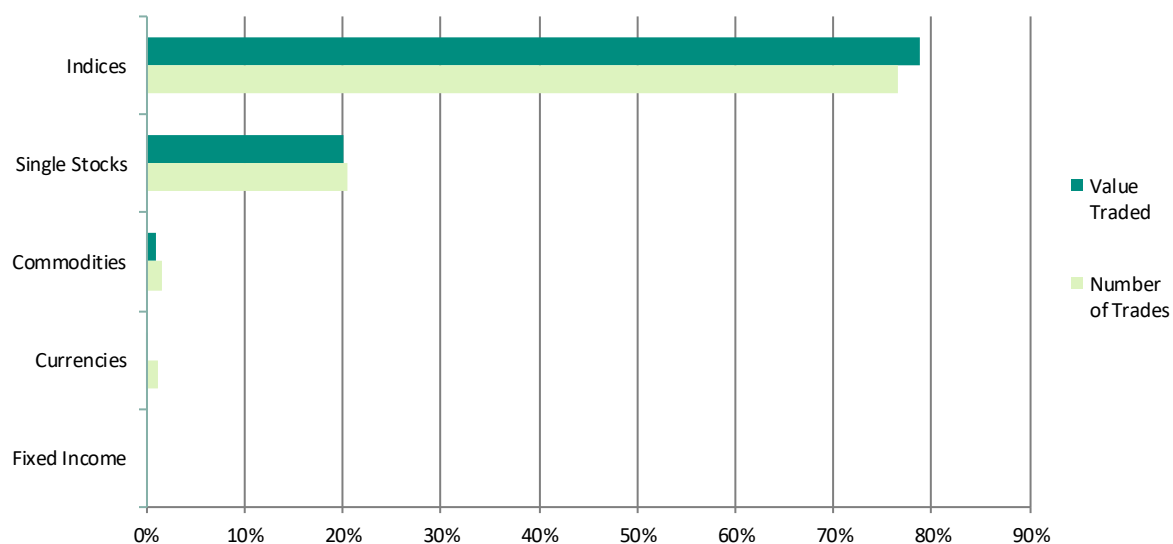
## Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	353	53%	-12.5%	78.7%	260	123.3%	80.9%	76.6%
Single Stocks	90	50%	-21%	20.2%	70	17.4%	-11.9%	20.5%
Commodities	4	-57%	-91%	1.0%	5.5	-45.8%	-57.6%	1.6%
Currencies	1	-73%	-81%	0.2%	4.1	-34.3%	19.6%	1.2%
Fixed Income	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>448</b>	<b>47.7%</b>	<b>-21.6%</b>	<b>100%</b>	<b>339</b>	<b>76.5%</b>	<b>41.8%</b>	<b>100%</b>

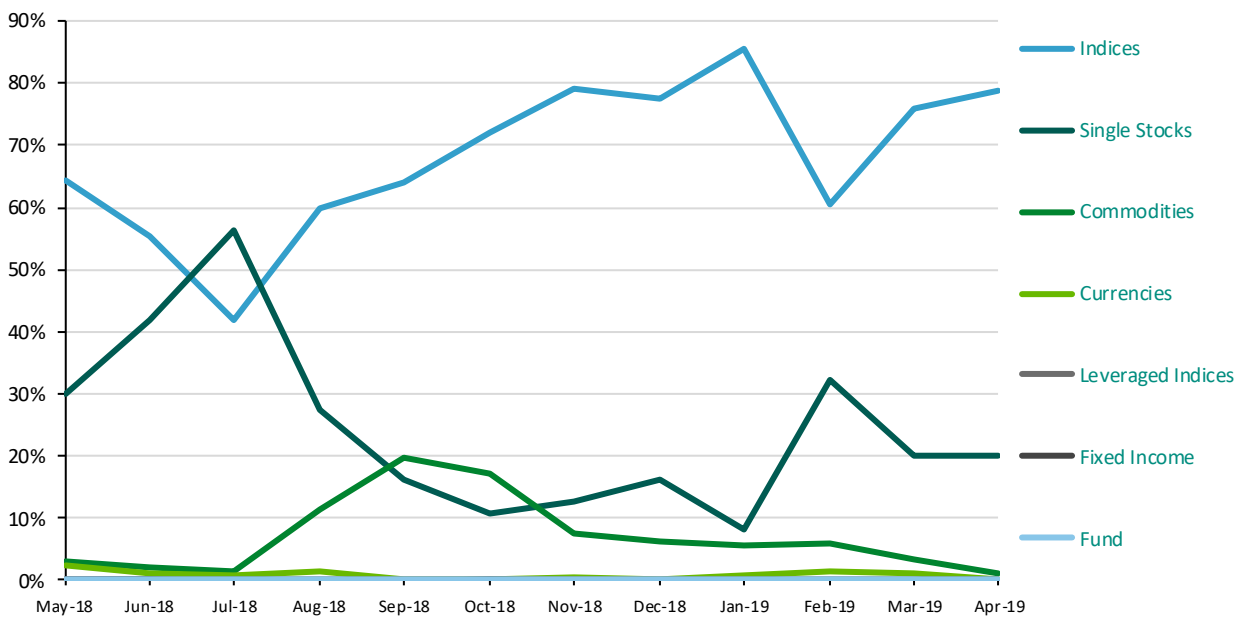
(Source Euronext)



# UNDERLYING TYPES

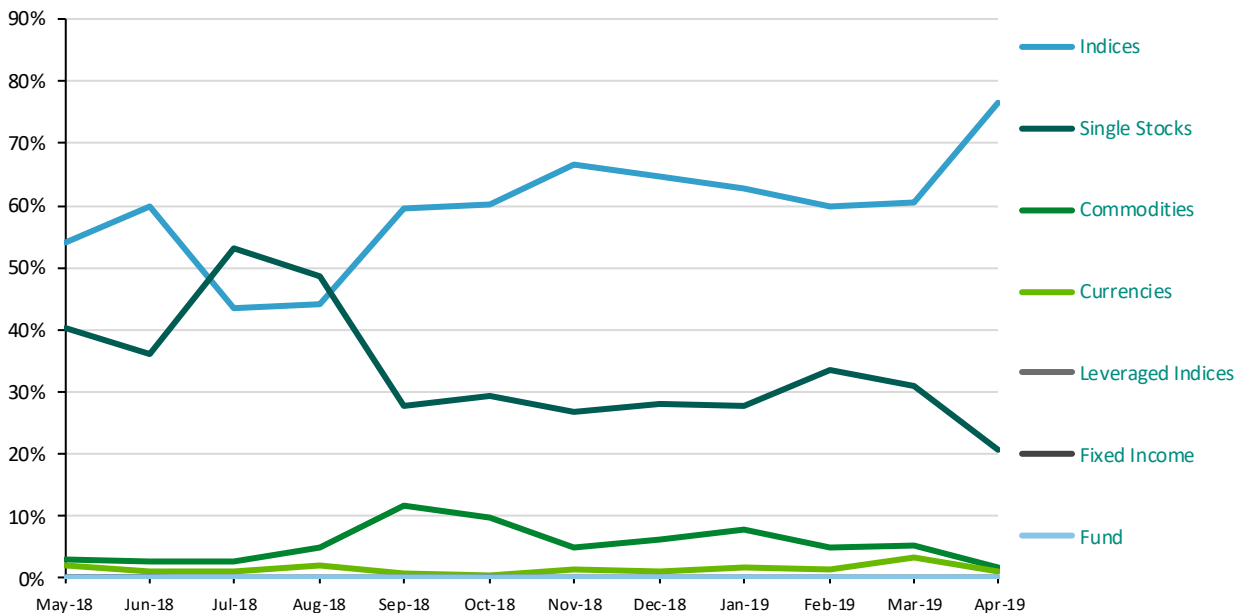
## Market Trend: Value traded

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

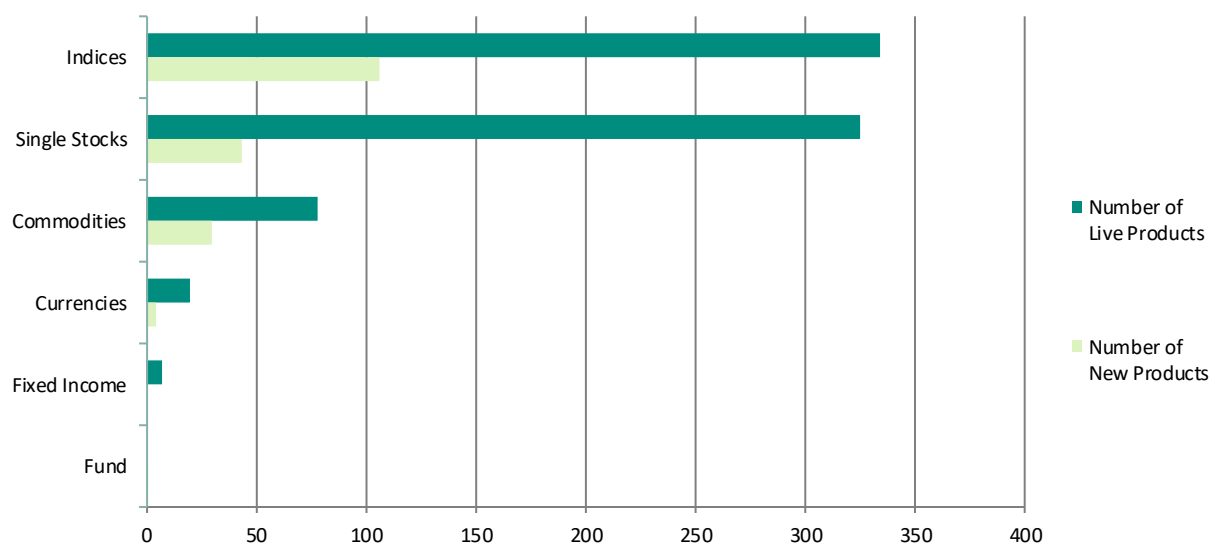
### Product Overview

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	334	0.0%	-12.2%	43.7%	106	-24%	-24%	57.6%
Single Stocks	325	1.5%	-8.7%	42.6%	43	-20%	-2.5%	23.4%
Commodities	78	-1.3%	-15.5%	10.2%	30	-23%	-3.5%	16.3%
Currencies	20	-13.2%	-34%	2.6%	4	-33%	-36%	2.2%
Fixed Income	7	0.0%	0.0%	0.9%	0			0.0%
Fund	0		-100%	0.0%	1	0.0%	0.0%	0.5%
<b>Total</b>	<b>764</b>	<b>0.1%</b>	<b>-11.8%</b>	<b>100%</b>	<b>184</b>	<b>-23.0%</b>	<b>-16.9%</b>	<b>100%</b>

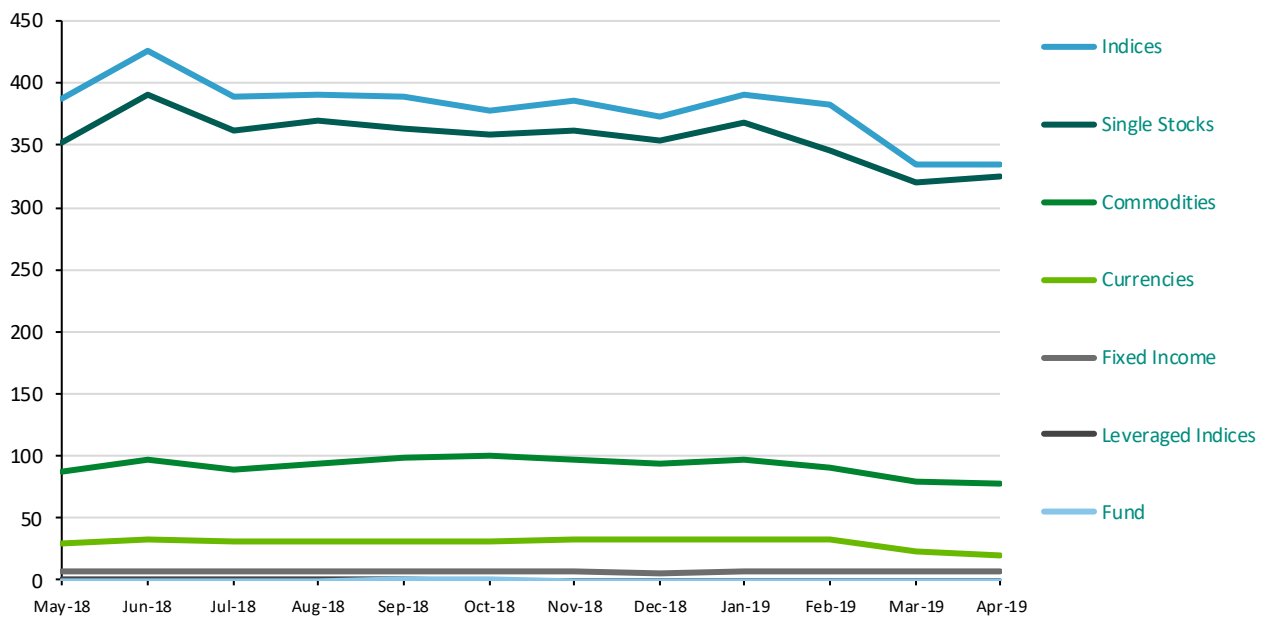
(Source Euronext)



# UNDERLYING TYPES

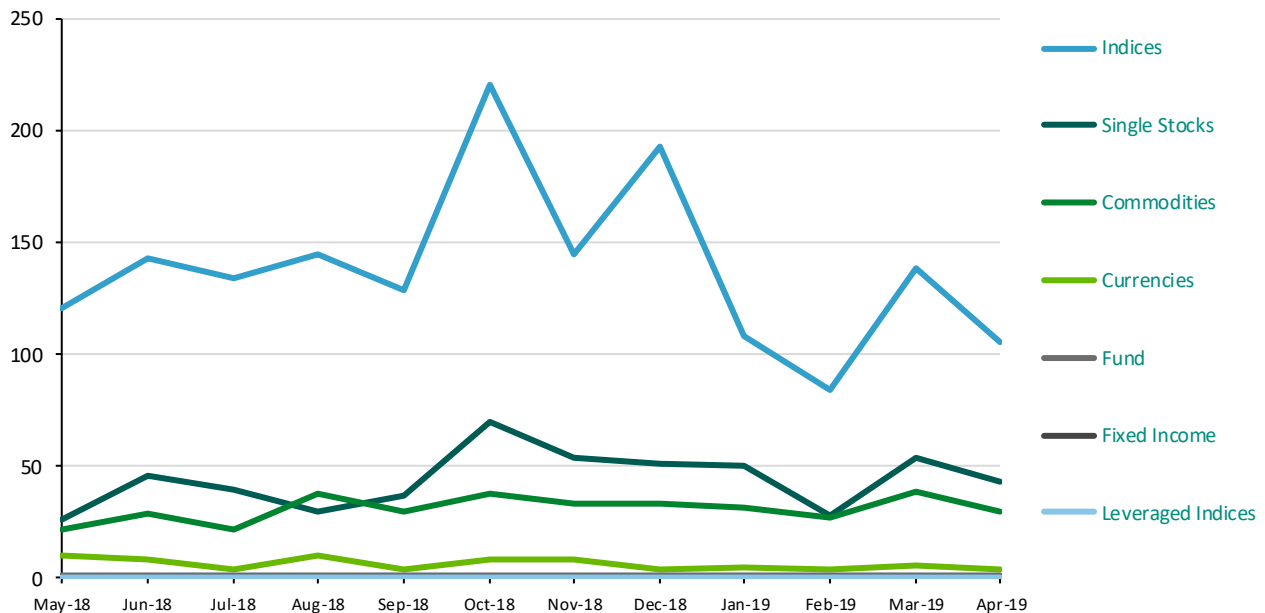
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYING COUNTRIES

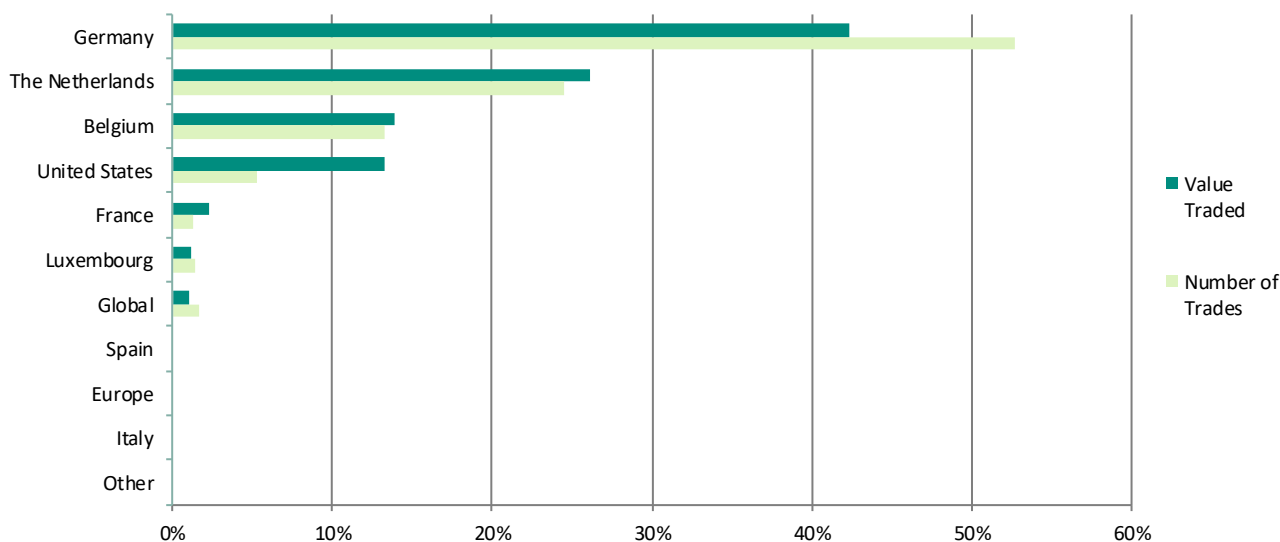
## Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Germany	190	76%	37%	42.3%	179	154.3%	181.1%	52.8%
The Netherlands	117	25%	-14.2%	26.1%	83	80%	1.0%	24.5%
Belgium	62	9.4%	-21%	13.9%	45	16.1%	-14.5%	13.3%
United States	59	123%	-23%	13.3%	18	-6.2%	-2.0%	5.3%
France	10	2.8%	-86%	2.3%	4.2	-59%	-68%	1.2%
Luxembourg	5	20%	-88%	1.2%	4.6	23%	NA	1.3%
Global	4	3.7%	-78%	1.0%	5.5	43%	-9.5%	1.6%
Spain	0		-100%	0.0%	0.0		-100%	0.0%
Europe	0		-100%	0.0%	0.0		-100%	0.0%
Italy	0			0.0%	0.0			0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>448</b>	<b>47.7%</b>	<b>-21.6%</b>	<b>100%</b>	<b>339</b>	<b>76.5%</b>	<b>41.8%</b>	<b>100%</b>

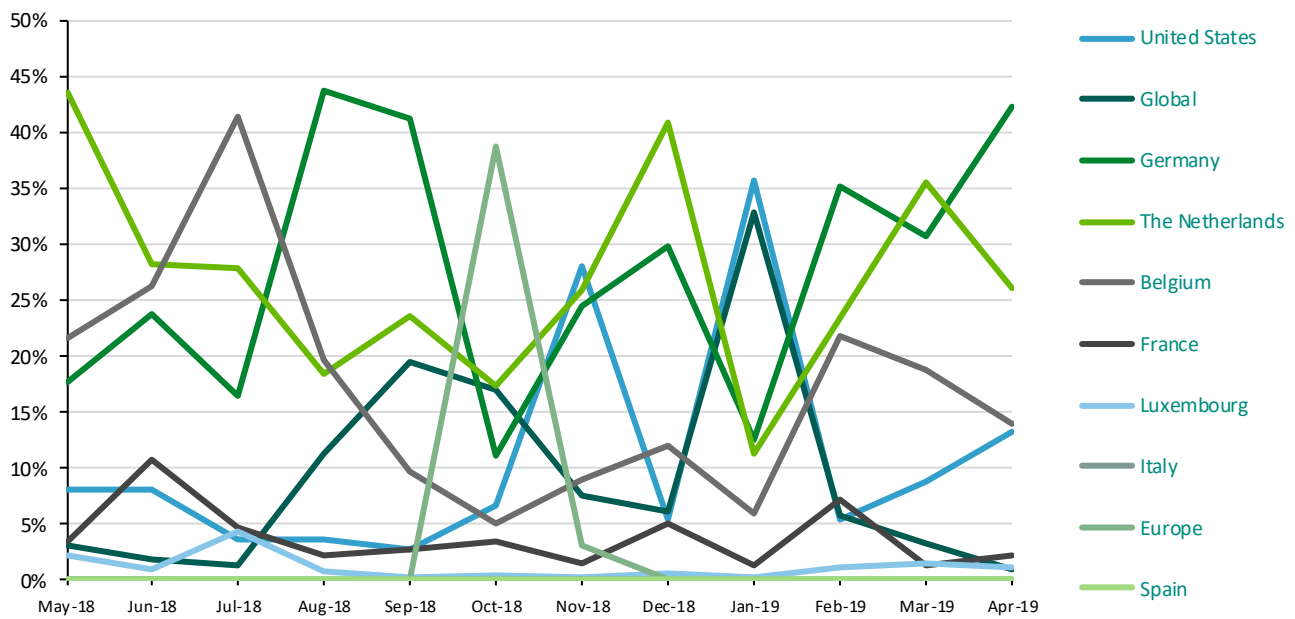
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

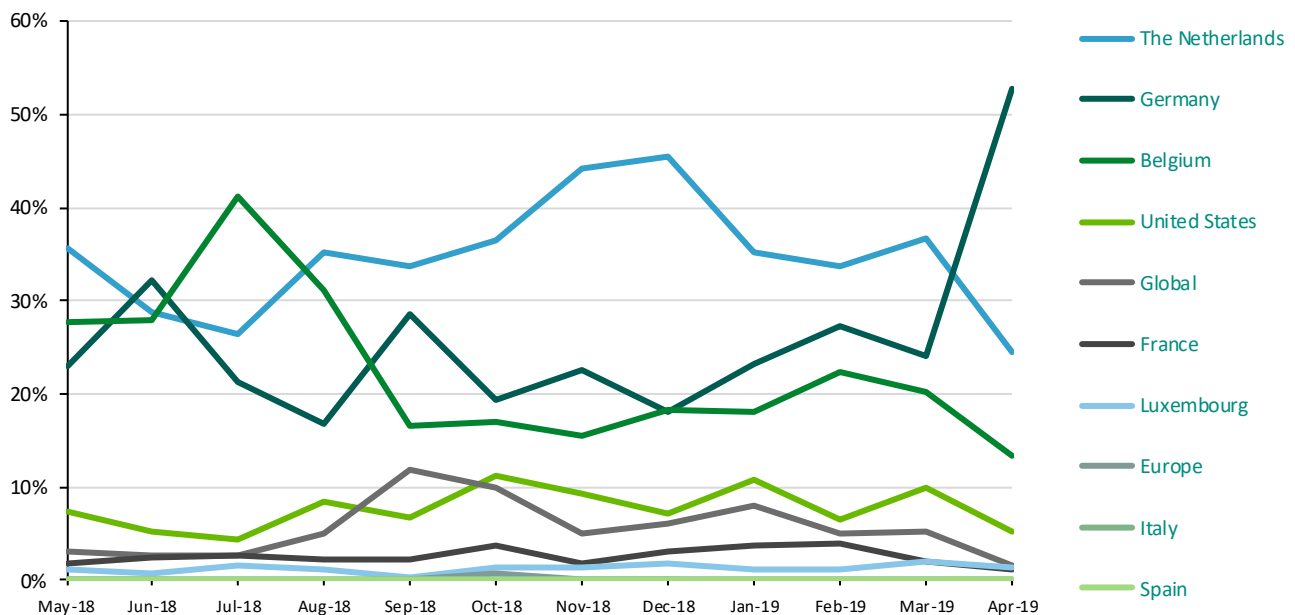
## Market Trend: Value traded

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

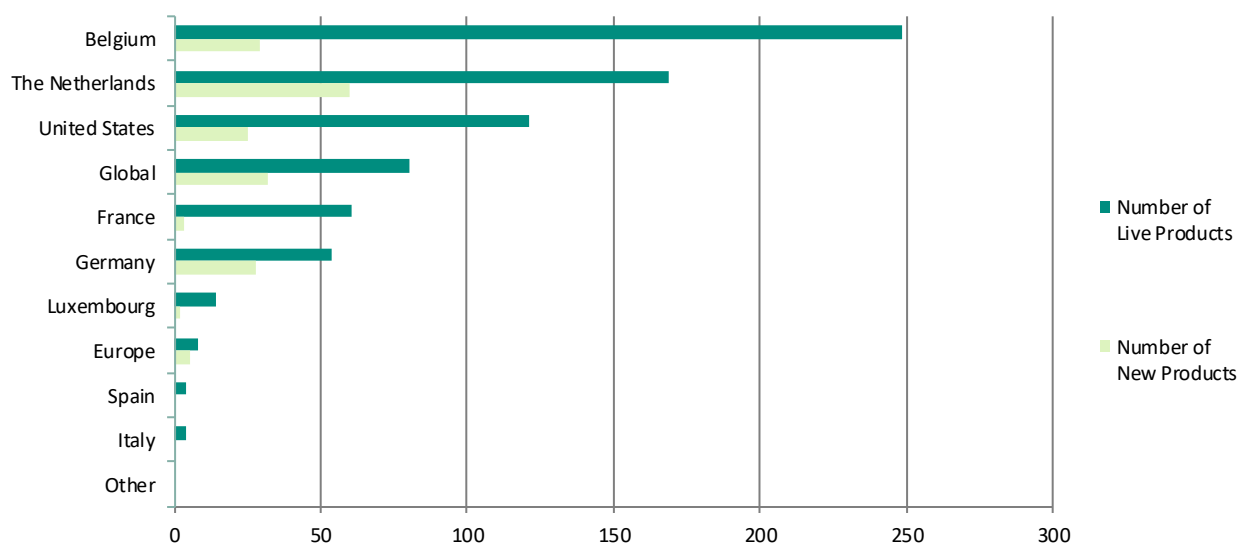
### Product Overview

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	249	-0.5%	-11.5%	32.6%	29	-36%	-22%	15.8%
The Netherlands	169	7.0%	-4.2%	22.1%	60	-13.0%	-7.3%	32.6%
United States	121	-2.3%	-8.2%	15.9%	25	-55%	-44%	13.6%
Global	81	-1.3%	-14.5%	10.5%	32	-17.9%	2.1%	17.4%
France	61	-4.9%	-24%	8.0%	3	0.0%	16.1%	1.6%
Germany	53	-3.1%	-24%	7.0%	28	3.7%	-24%	15.2%
Luxembourg	14	-1.5%	-4.3%	1.9%	2		-29%	1.1%
Europe	8	1.1%	-5.1%	1.0%	5	400%	233%	2.7%
Spain	4	0.0%	-0.8%	0.5%	0			0.0%
Italy	4	0.0%	0.4%	0.5%	0			0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
<b>Total</b>	<b>764</b>	<b>0.1%</b>	<b>-11.8%</b>	<b>100%</b>	<b>184</b>	<b>-23.0%</b>	<b>-16.9%</b>	<b>100%</b>

(Source Euronext)

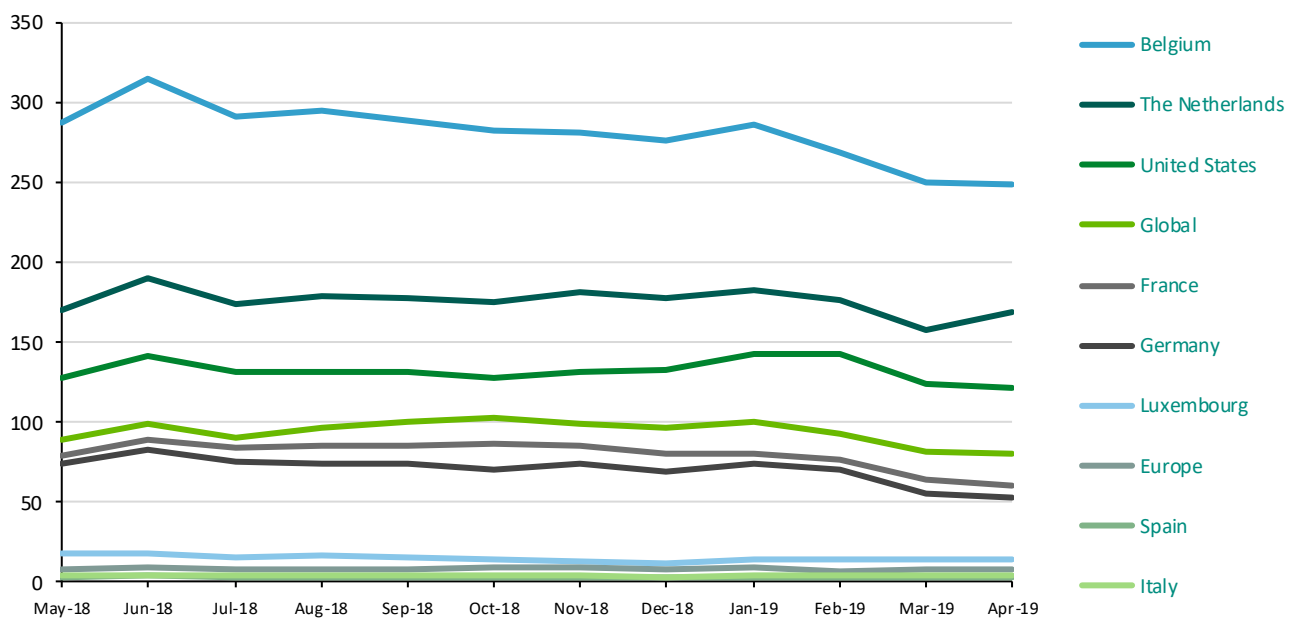




# TOP 10 UNDERLYING COUNTRIES

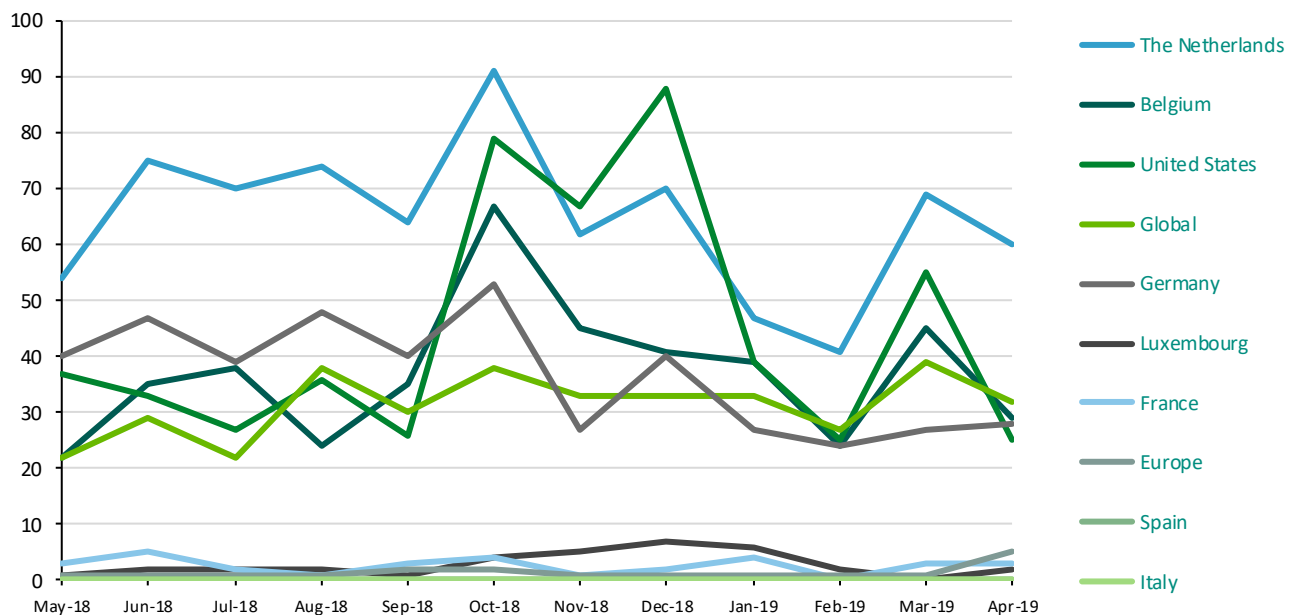
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

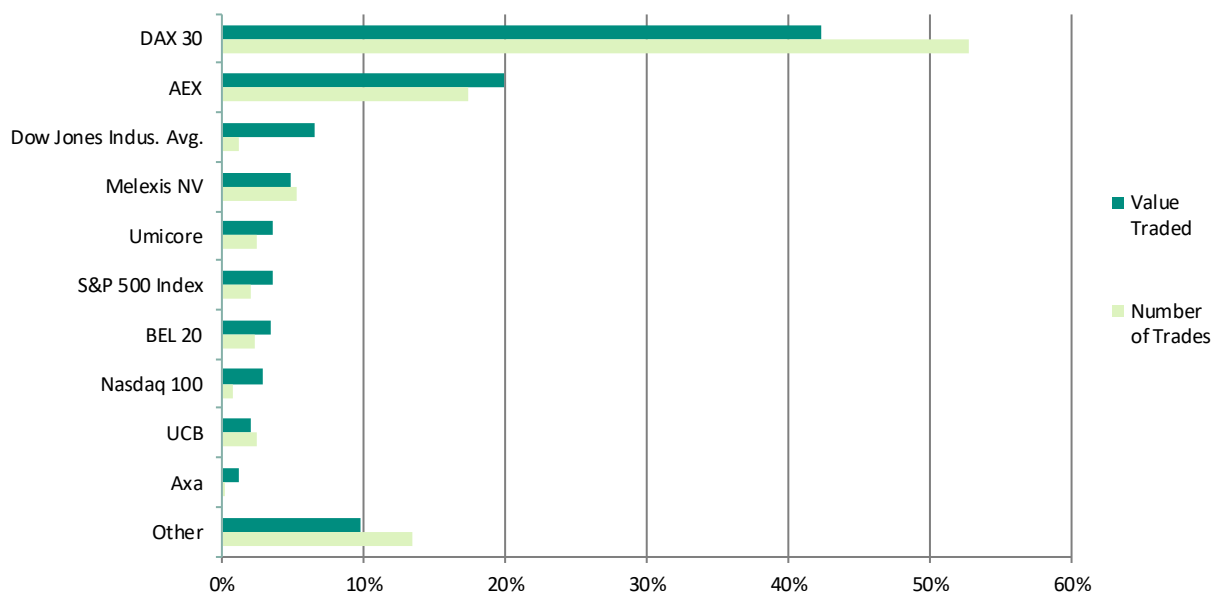
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
DAX 30	190	103%	37%	42.3%	179	288.8%	181.1%	52.8%
AEX	89	3.3%	-19.5%	19.9%	59	23%	2.7%	17.4%
Dow Jones Indus. Avg.	30	11.8%	-47%	6.6%	3.9	-58%	-44%	1.1%
Melexis NV	22	85%	-50%	4.8%	18	201%	NA	5.2%
Umicore	16	54%	-51%	3.6%	8.3	6.9%	-2.8%	2.4%
S&P 500 Index	16	75%	-35%	3.6%	7.0	66%	NA	2.1%
BEL 20	15	69%	17.6%	3.4%	7.7	-11.7%	1.4%	2.3%
Nasdaq 100	13	54%	13.2%	2.9%	2.7	-38%	-73%	0.8%
UCB	9	27%	-21%	2.0%	8.3	65%	26%	2.4%
Axa	5	26%	-46%	1.2%	0.5	-91%	-80%	0.1%
Other	44	16.3%	-64%	9.7%	45	-4.1%		13.4%
<b>Total</b>	<b>448</b>	<b>47.7%</b>	<b>-21.6%</b>	<b>100%</b>	<b>339</b>	<b>76.5%</b>	<b>41.8%</b>	<b>100%</b>

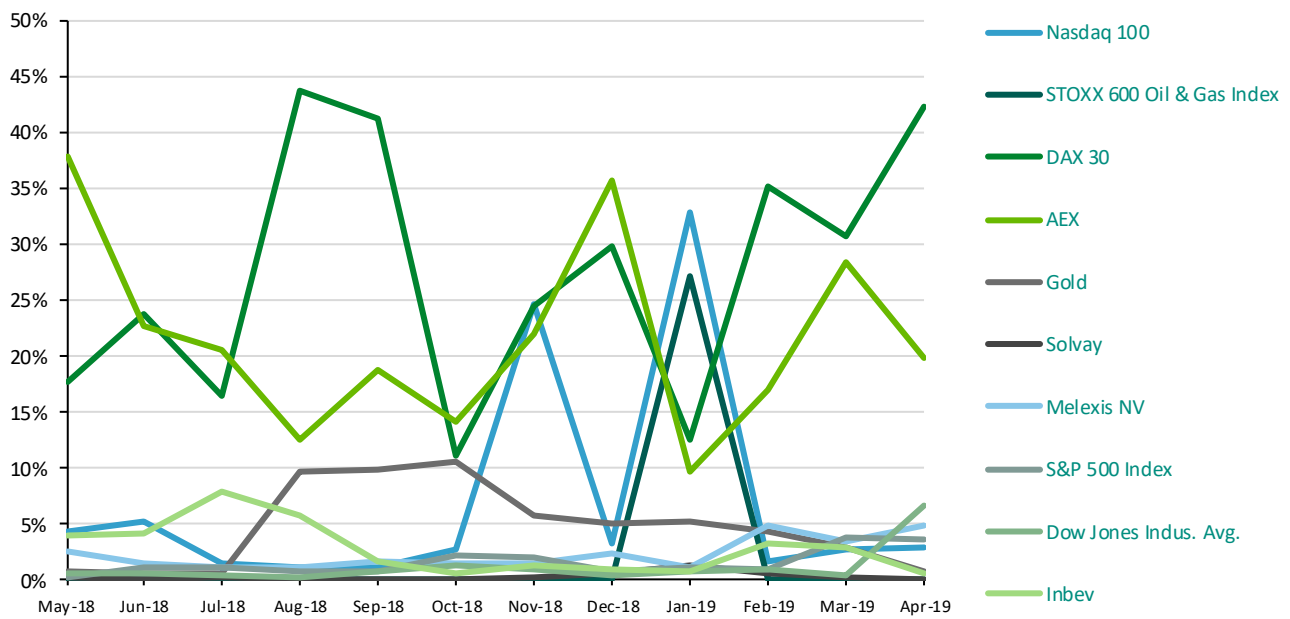
(Source Euronext)



# TOP 10 UNDERLYINGS

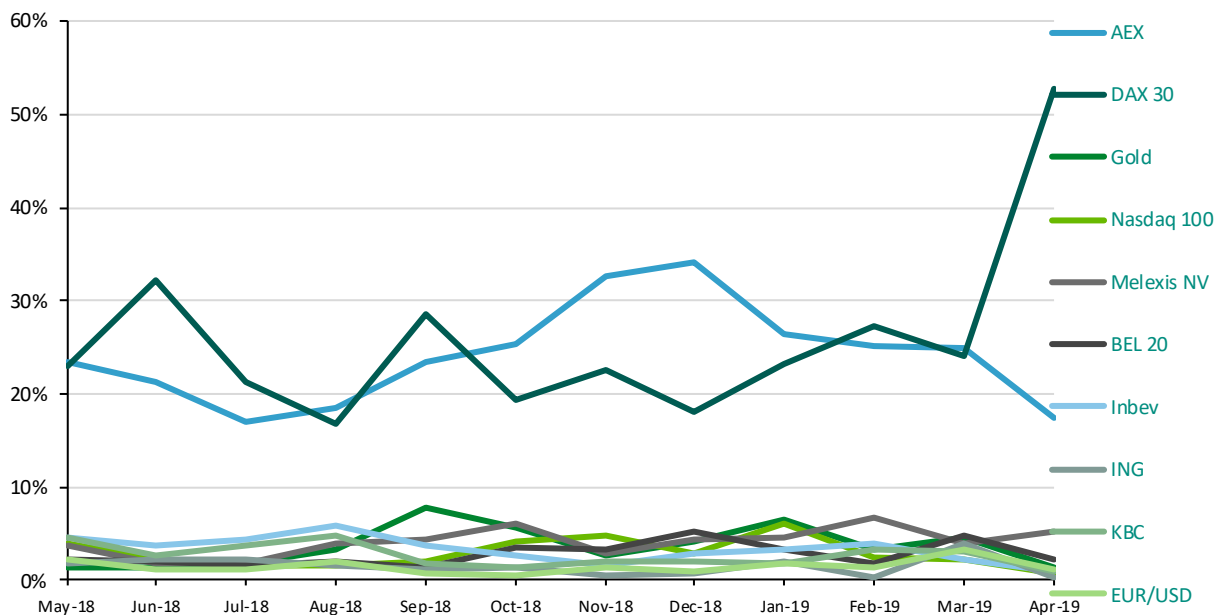
## Market Trend: Value traded

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

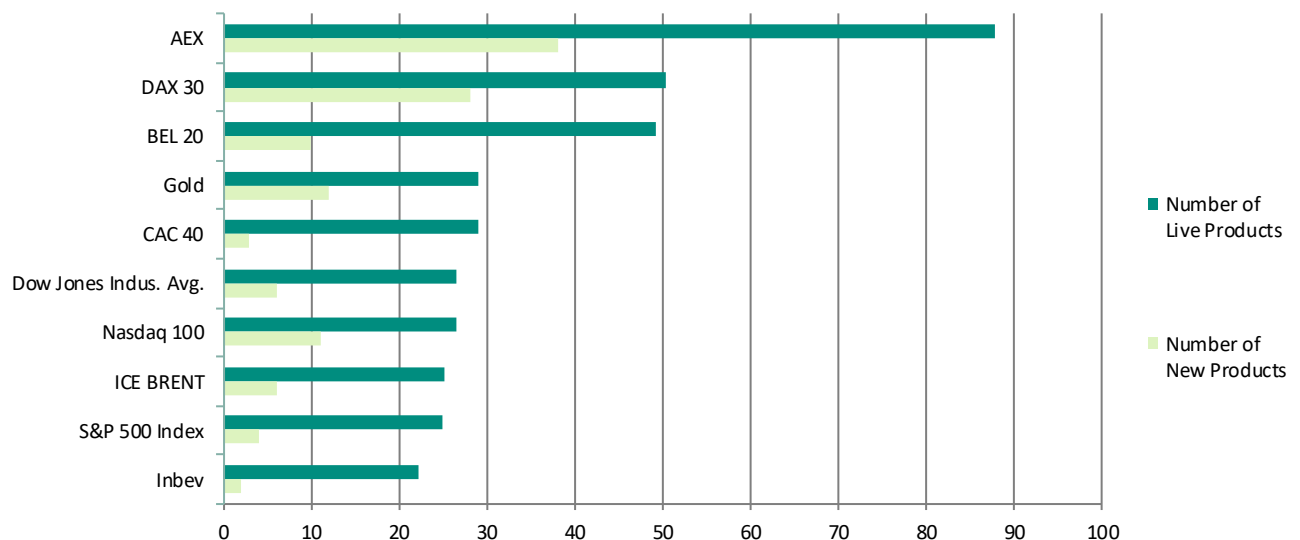
## Product Overview

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	88	3.3%	-11.0%	11.5%	38	-22%	-25%	20.7%
DAX 30	50	-3.3%	-25%	6.6%	28	3.7%	-24%	15.2%
BEL 20	49	1.1%	-15.9%	6.4%	10	-29%	-15.5%	5.4%
Gold	29	-1.6%	-15.9%	3.8%	12	-54%	-13.8%	6.5%
CAC 40	29	-5.7%	-23%	3.8%	3		350%	1.6%
Dow Jones Indus. Avg.	27	-0.3%	2.5%	3.5%	6	-57%	-52%	3.3%
Nasdaq 100	27	0.1%	-2.4%	3.5%	11	-31%	-29%	6.0%
ICE BRENT	25	-0.7%	11.7%	3.3%	6		24%	3.3%
S&P 500 Index	25	0.0%	-10.5%	3.3%	4	-56%	-58%	2.2%
Inbev	22	3.8%	10.2%	2.9%	2	-33%	-33%	1.1%
Other	393	0.2%	-11.8%	51.5%	64		2.8%	34.8%
<b>Total</b>	<b>764</b>	<b>0.1%</b>	<b>-11.8%</b>	<b>100%</b>	<b>184</b>	<b>-23.0%</b>	<b>-16.9%</b>	<b>100%</b>

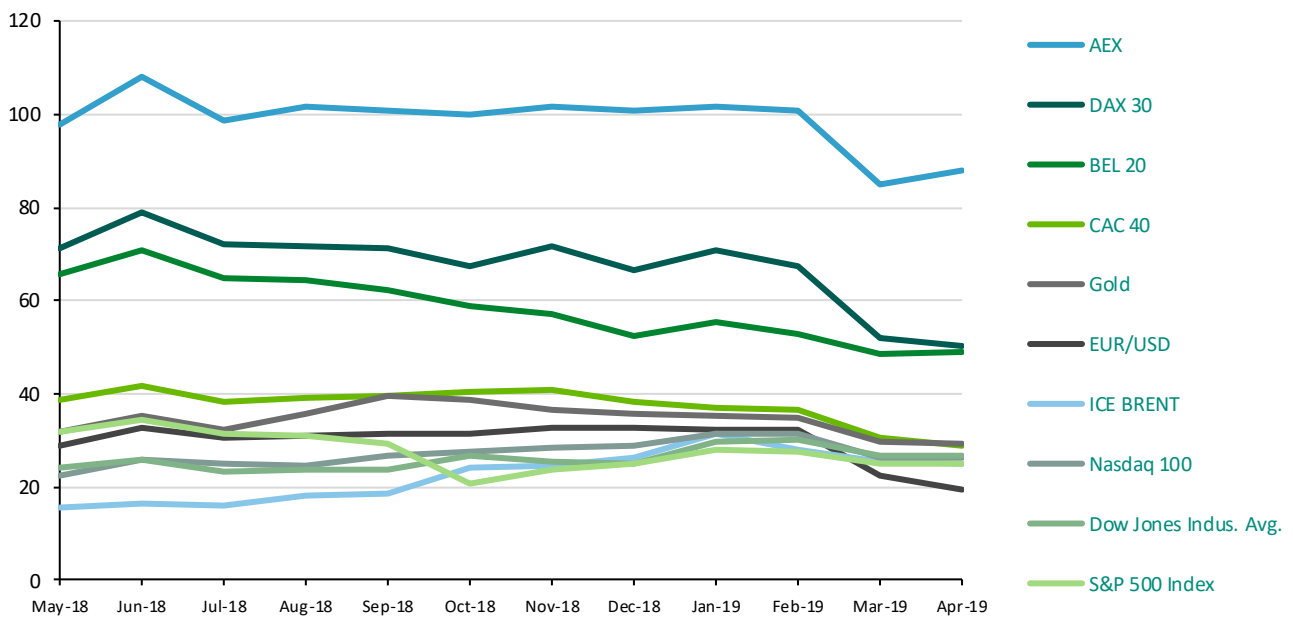
(Source Euronext)



# TOP 10 UNDERLYINGS

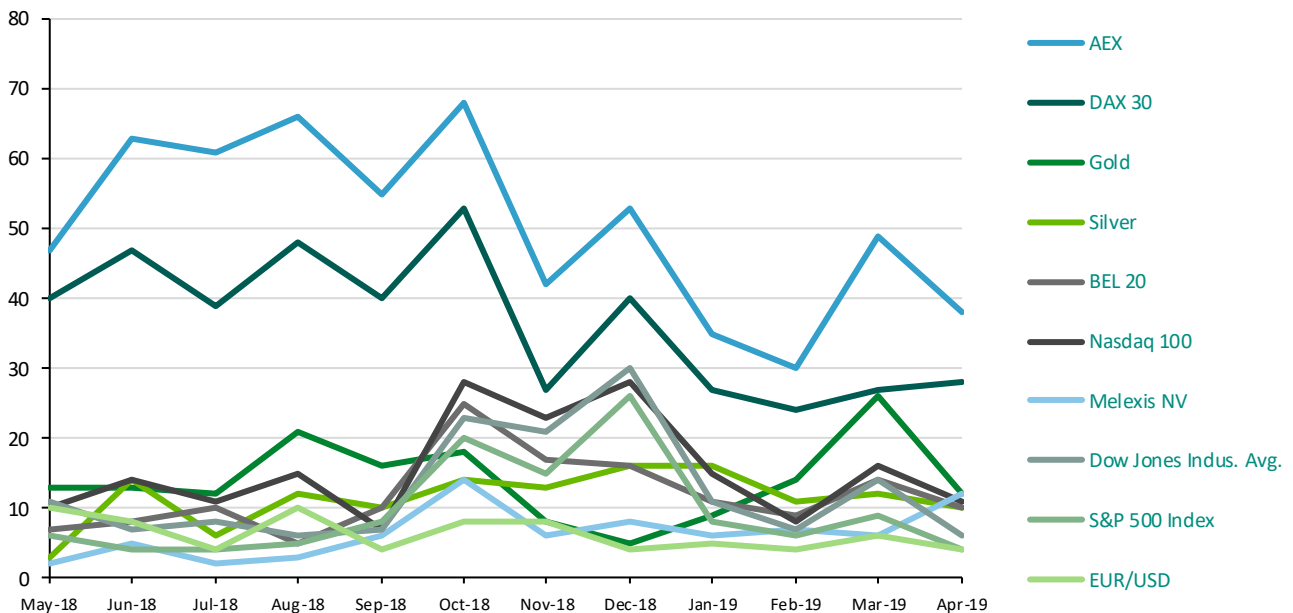
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer	Product Type		Underlying	Value Traded (in €k)	Nb of Trades
DE000CJ3LB78	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	4,247	96
DE000CJ3LHK1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	916	434
DE000CJ3LFA6	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	873	100
DE000CJ3LHX4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	821	60
DE000CJ3LJB6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	601	452
DE000CJ3LE67	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	585	238
DE000CJ3J680	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	414	70
DE000CJ3LE00	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	368	292
DE000CJ3LF74	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	340	318
DE000CA1SQ67	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	304	5,694
DE000CJ3LAX9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	279	58
DE000CJ3LE59	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	248	38
DE000CJ3LH49	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	242	20
DE000CJ3J7W8	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	239	40
DE000CJ3LHP0	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	235	80
LU1835956795	KBC	2100	Warrants	Axa	203	14
DE000CJ3LAN0	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	196	80
DE000CJ3LEG6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	192	58
DE000CJ3LEK8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	177	100
DE000CJ3LDE3	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	176	4
DE000CJ3LAU5	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	164	34
DE000CE71VX2	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	164	146
DE000CE71R98	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	156	86
DE000CN8ZQK5	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	154	94
DE000CJ3J7U2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	153	72
DE000CJ3LHW6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	144	108
DE000CJ3LGA4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	142	86
DE000CJ3LEV5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	138	72
DE000CJ3K8T9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	135	52
DE000CJ3LD50	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	127	74
DE000CE72954	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	101	38
DE000CJ3LJL5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	97	64
DE000CJ3LEN2	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	94	20
DE000CJ3LJN1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	91	48
DE000CJ3LF82	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	91	154
DE000CN1VF84	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	90	20
DE000CA1SW93	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	90	106
DE000CJ3K555	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	85	28
DE000CJ3LGC0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	75	44
DE000CJ3LG32	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	68	100
DE000CJ3K4E0	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	68	58
DE000CJ3KGS8	Commerzbank	2210	Mini-Futures	Bekaert	67	60
DE000CN916W3	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	66	52
DE000CJ3LH56	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	66	12
DE000CJ3KY72	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	64	34
LU1830982507	KBC	2100	Warrants	Sanofi-Aventis	63	2
DE000CN91138	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	61	58
DE000CJ3KPP5	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	60	38
DE000CJ3KY31	Commerzbank	2205	Open-End Knock-Out Warrants	Arcelormittal	60	50
DE000CJ3LEF8	Commerzbank	2205	Open-End Knock-Out Warrants	BPOST NV	59	38

(Source Euronext)



Euronext Lisbon

# ISSUERS

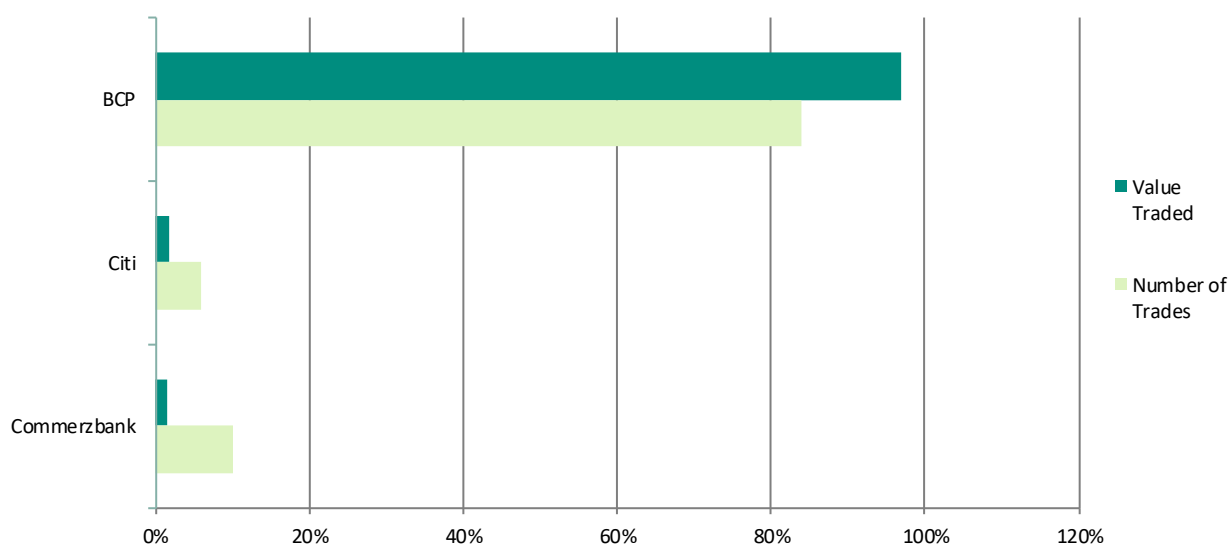
## Market Overview

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	7,492	18.6%	163%	96.9%	505	12.7%	118.2%	84.0%
Citi	136	-18.8%	-48%	1.8%	36	-52.3%	-52.0%	5.9%
Commerzbank	108	-19.2%	-41%	1.4%	60	84.2%	32.9%	10.1%
Total	7,735	16.9%	135.2%	100%	601	8.2%	71.3%	100%

(Source Euronext)

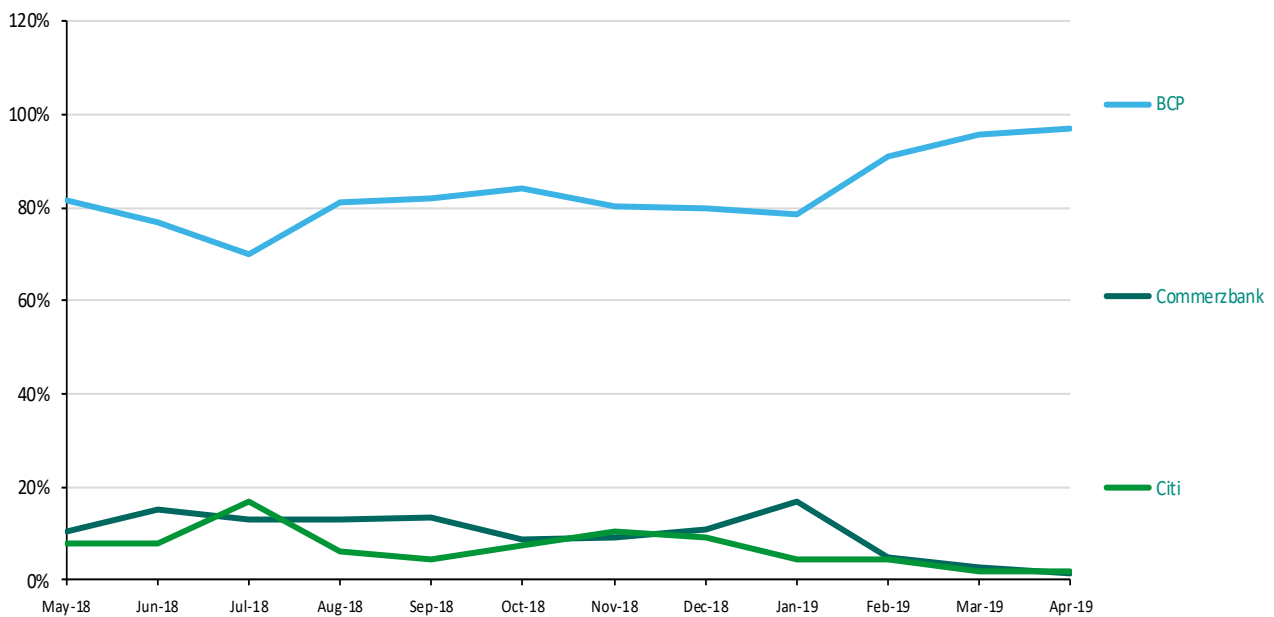




# ISSUERS

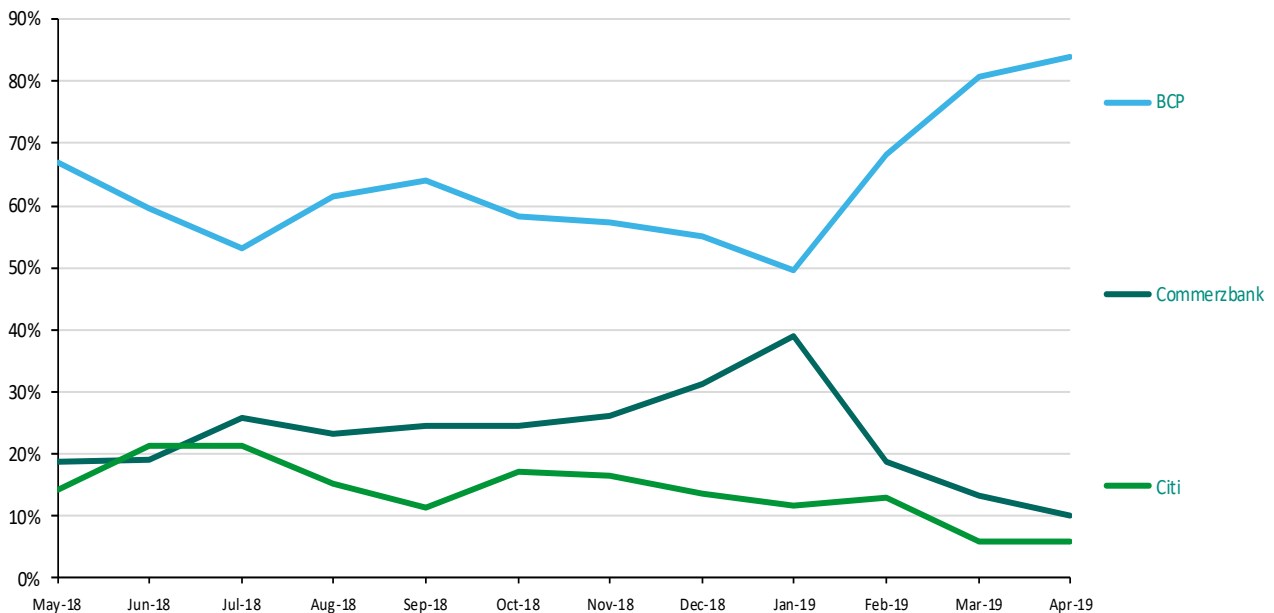
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

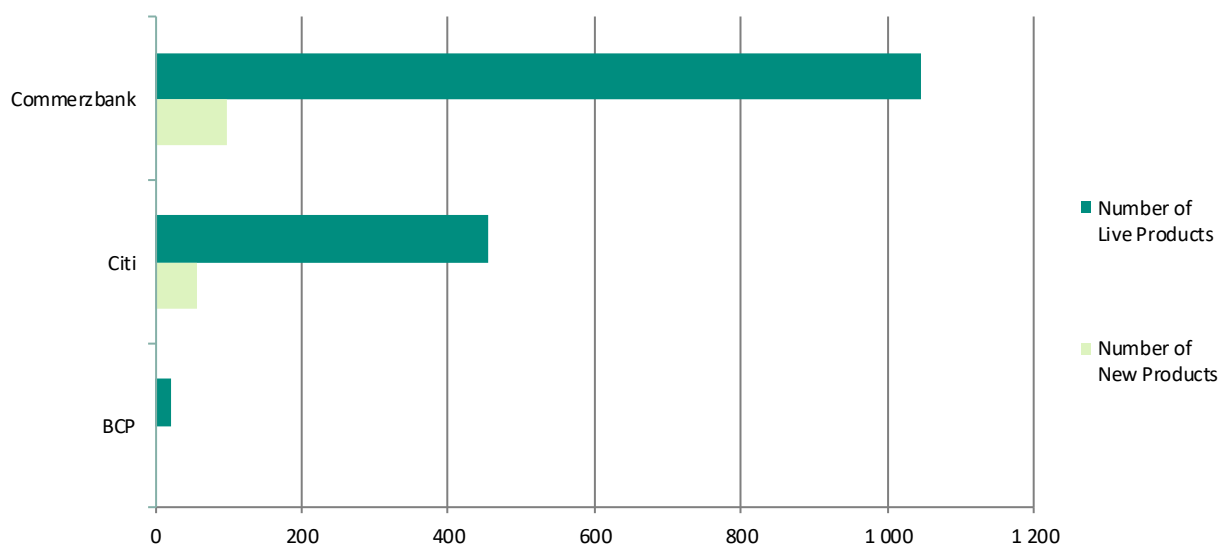
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	1,047	4.6%	-5.6%	68.7%	98	-66%	-60%	63.6%
Citi	455	-7.0%	23%	29.9%	56	-57%	-51%	36.4%
BCP	22	0.0%	-0.9%	1.4%	0		-100%	0.0%
Total	1,525	0.8%	1.5%	100%	154	-63.0%	-56.9%	100%

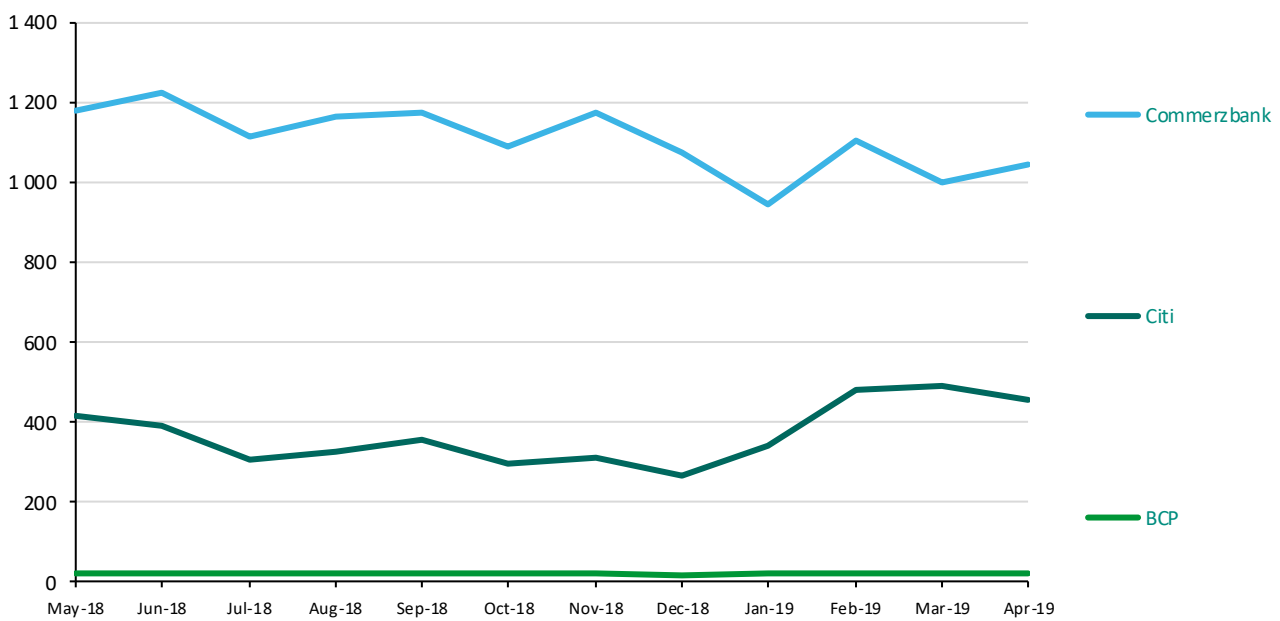
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# ISSUERS

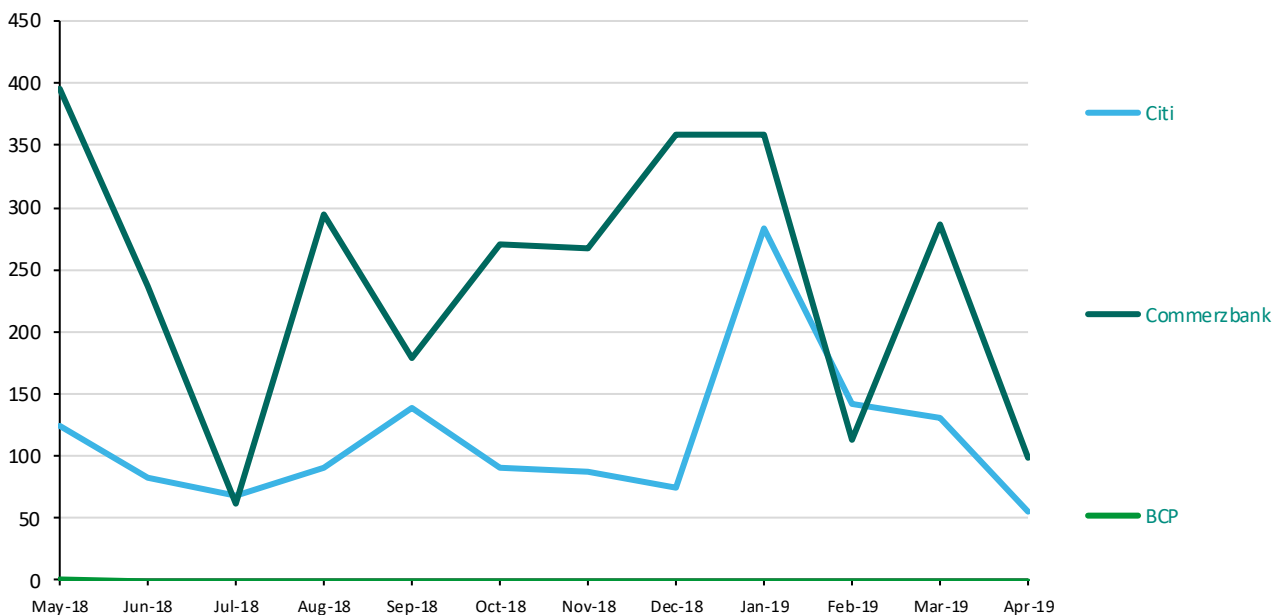
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

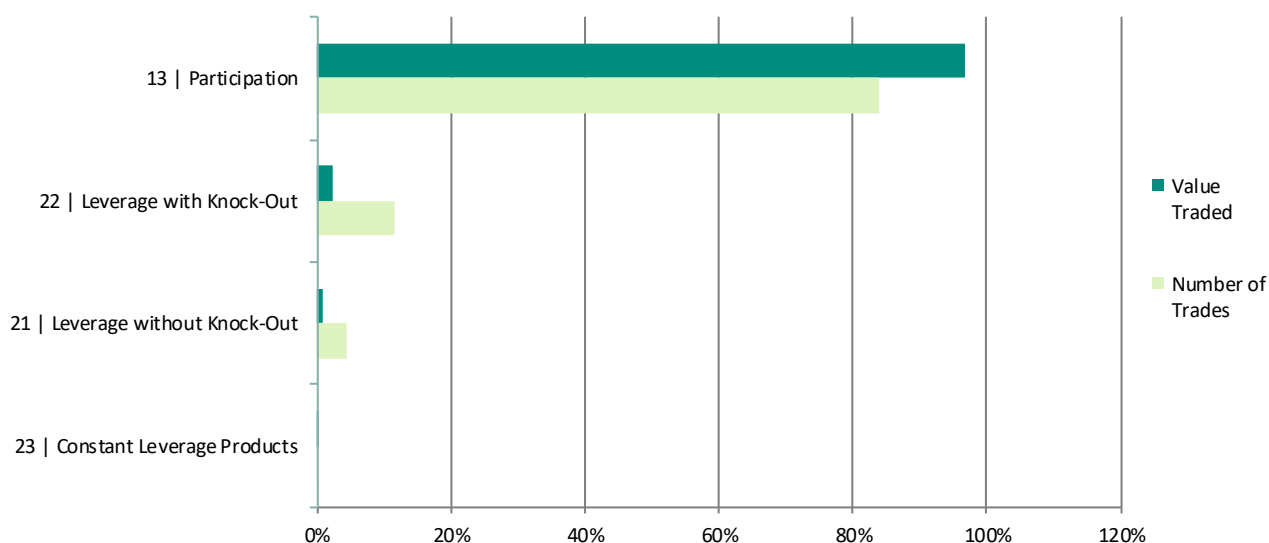
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
13   Participation	7,492	18.6%	163%	96.9%	505	12.7%	118.2%	84.0%
22   Leverage with Knock-Out	185	-7.2%	-48%	2.4%	69	-5.5%	-21.0%	11.4%
21   Leverage without Knock-Out	56	-38%	-31%	0.7%	27	-18.7%	-13.2%	4.4%
23   Constant Leverage Products	3	-77%	-71%	0.0%	0.6	-65.9%	-66.2%	0.1%
<b>Total</b>	<b>7,735</b>	<b>16.9%</b>	<b>135.2%</b>	<b>100%</b>	<b>601</b>	<b>8.2%</b>	<b>71.3%</b>	<b>100%</b>

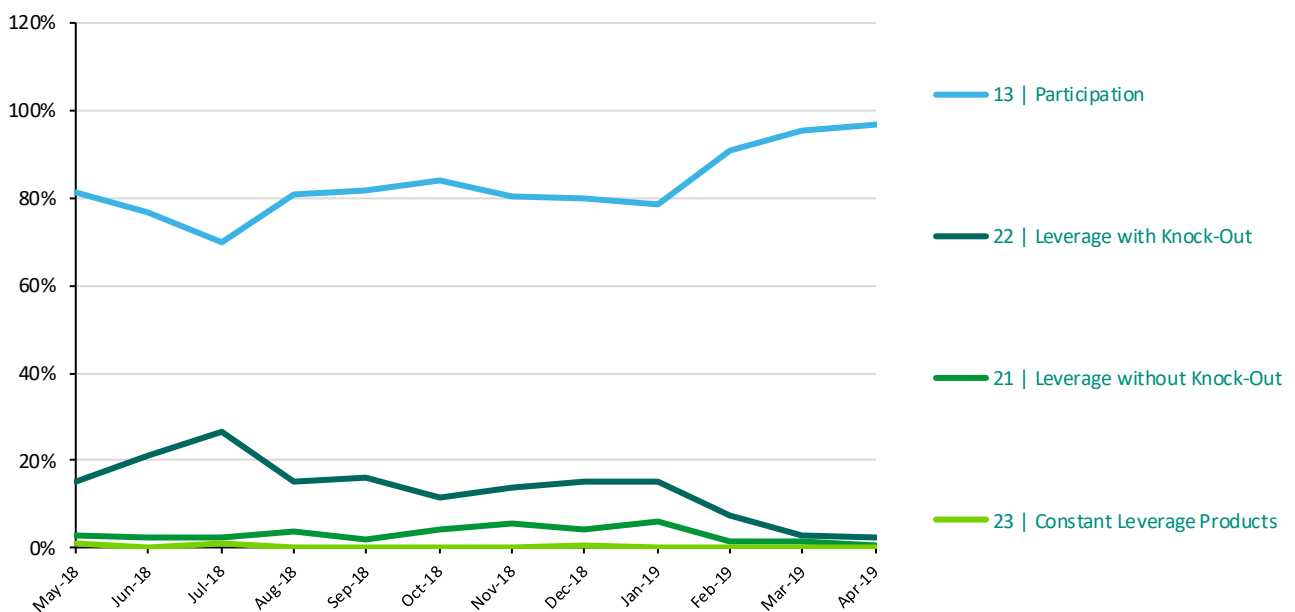
(Source Euronext)



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

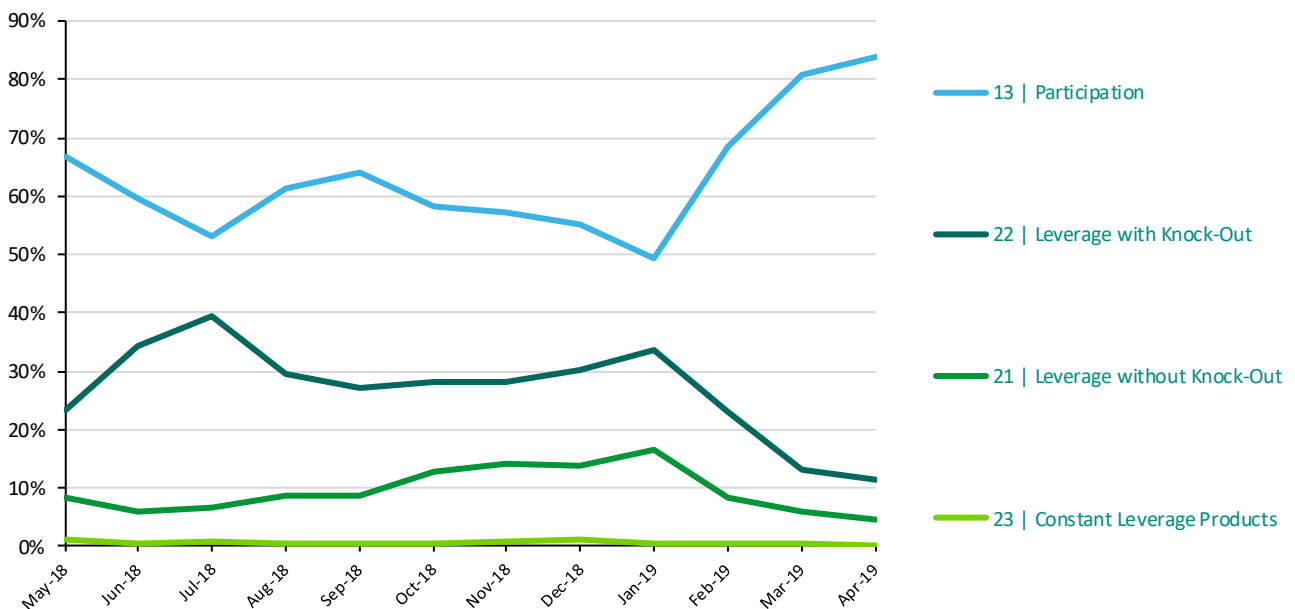
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

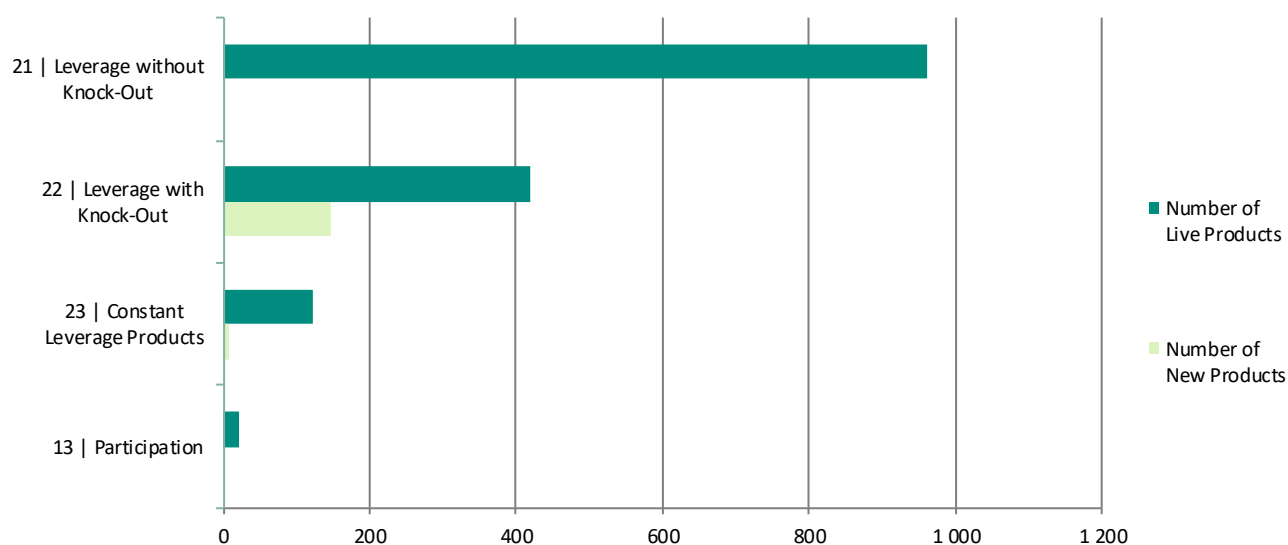
### Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
21   Leverage without Knock-Out	962	4.1%	10.0%	63.1%	0	-100%	-100%	0.0%
22   Leverage with Knock-Out	420	-7.2%	-4.1%	27.5%	146	-47%	-43%	94.8%
23   Constant Leverage Products	121	5.9%	-28%	7.9%	8	-85%	23%	5.2%
13   Participation	22	0.0%	-0.9%	1.4%	0		-100%	0.0%
<b>Total</b>	<b>1,525</b>	<b>0.8%</b>	<b>1.5%</b>	<b>100%</b>	<b>154</b>	<b>-63.0%</b>	<b>-56.9%</b>	<b>100%</b>

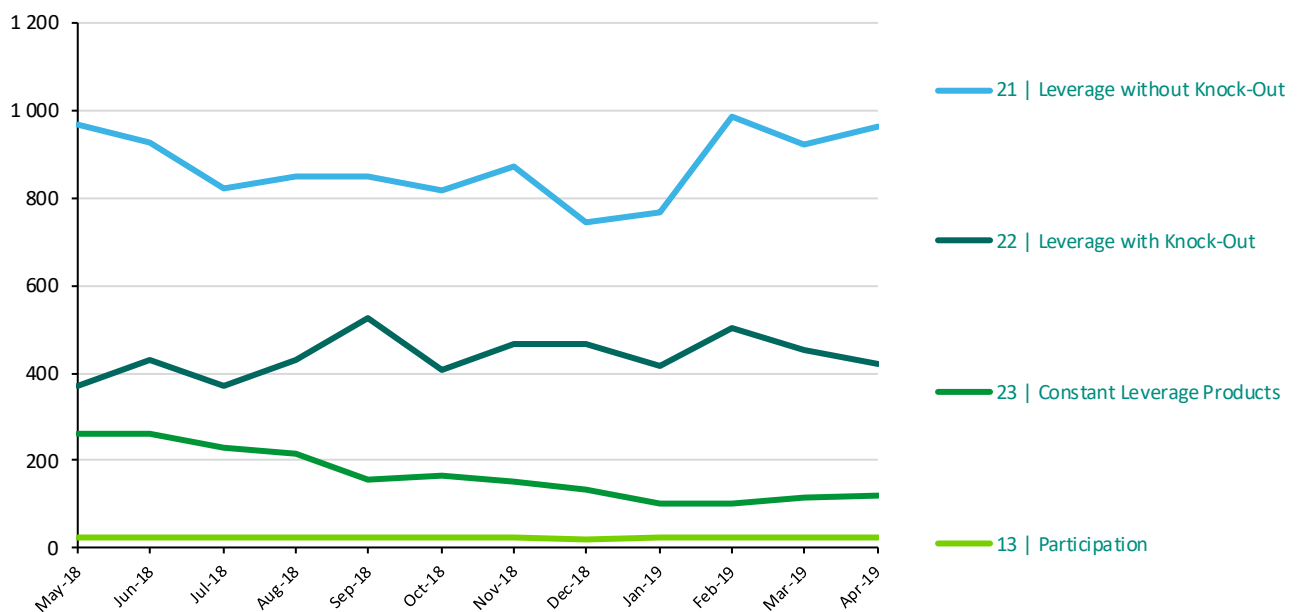
(Source Euronext)



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

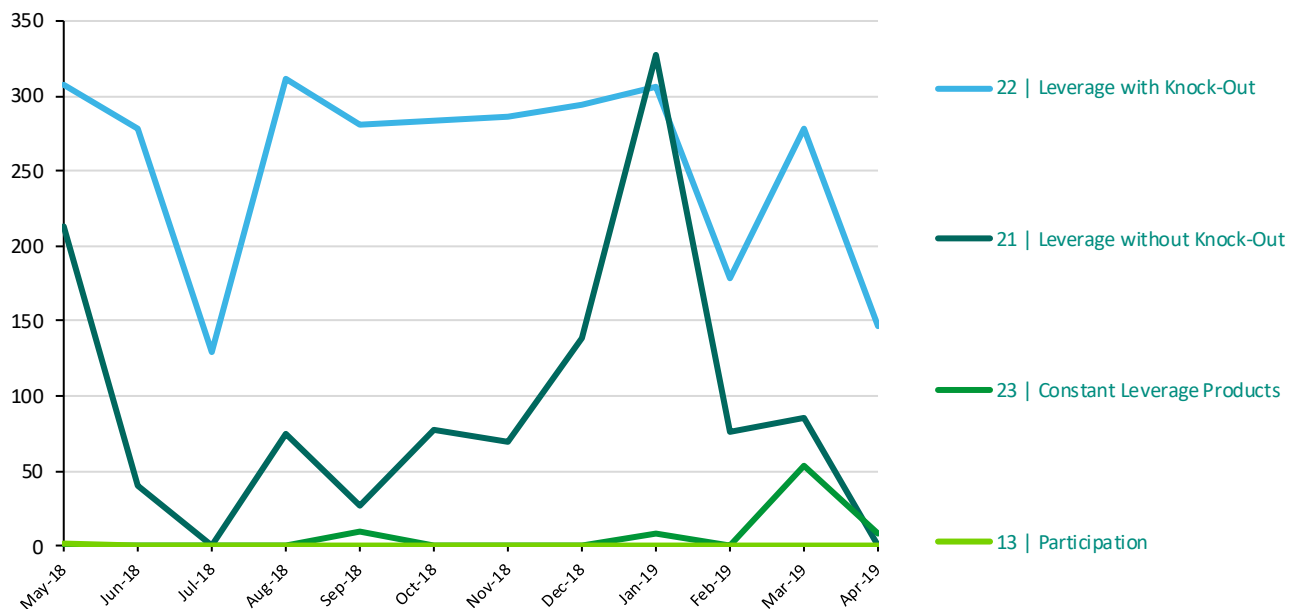
## Product Trend: Number of Live Products

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

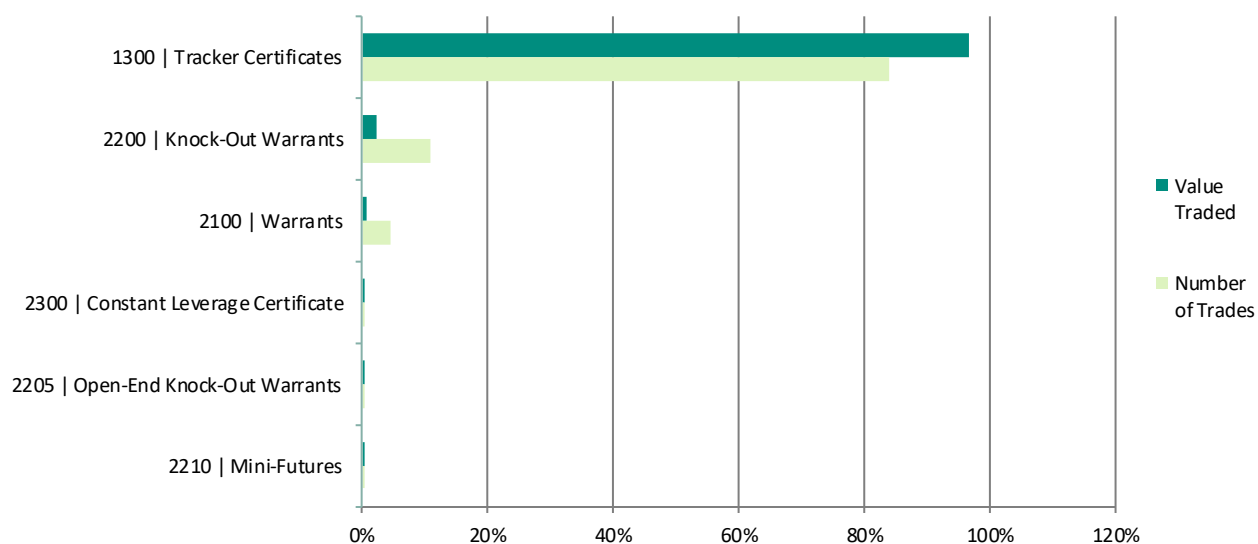
## Market Overview

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	7,492	18.6%	163%	96.9%	505	12.7%	118.2%	84.0%
2200   Knock-Out Warrants	182	-6.5%	-48%	2.4%	67	-6.6%	-23%	11.1%
2100   Warrants	56	-38%	-31%	0.7%	27	-18.7%	-13.2%	4.4%
2300   Constant Leverage Certificate	3	-77%	-71%	0.0%	0.6	-66%	-66%	0.1%
2205   Open-End Knock-Out Warrants	3	-39%	-26%	0.0%	2.0	41%	156%	0.3%
2210   Mini-Futures	0		-98%	0.0%	0.2		53%	0.0%
<b>Total</b>	<b>7,735</b>	<b>16.9%</b>	<b>135.2%</b>	<b>100%</b>	<b>601</b>	<b>8.2%</b>	<b>71.3%</b>	<b>100%</b>

(Source Euronext)

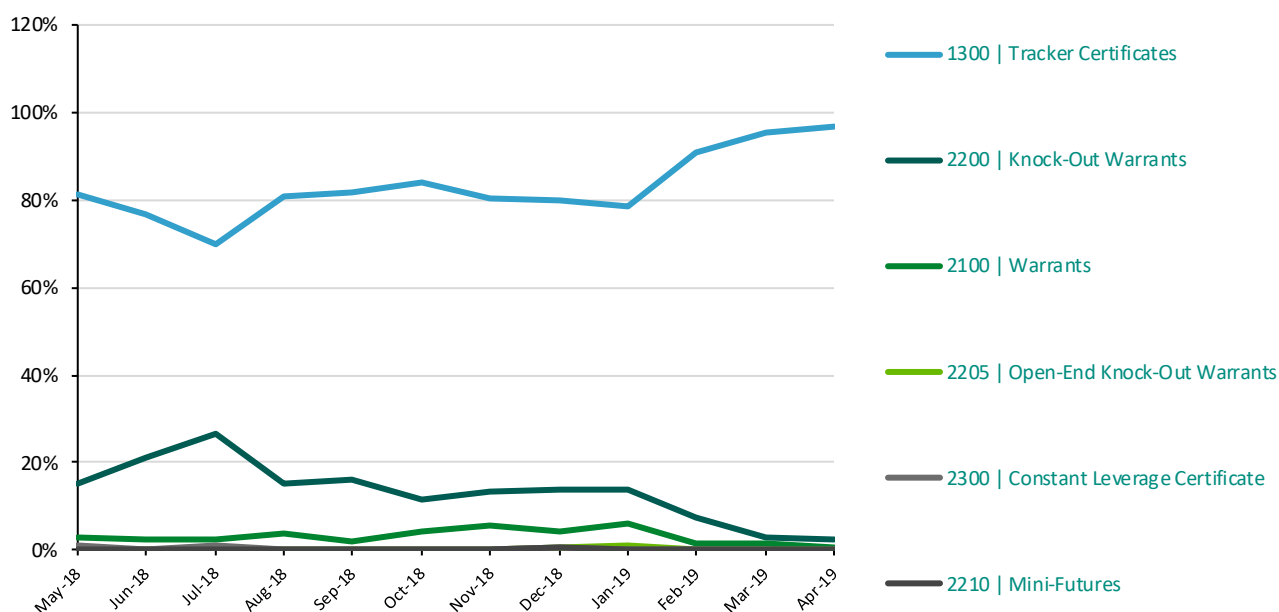




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

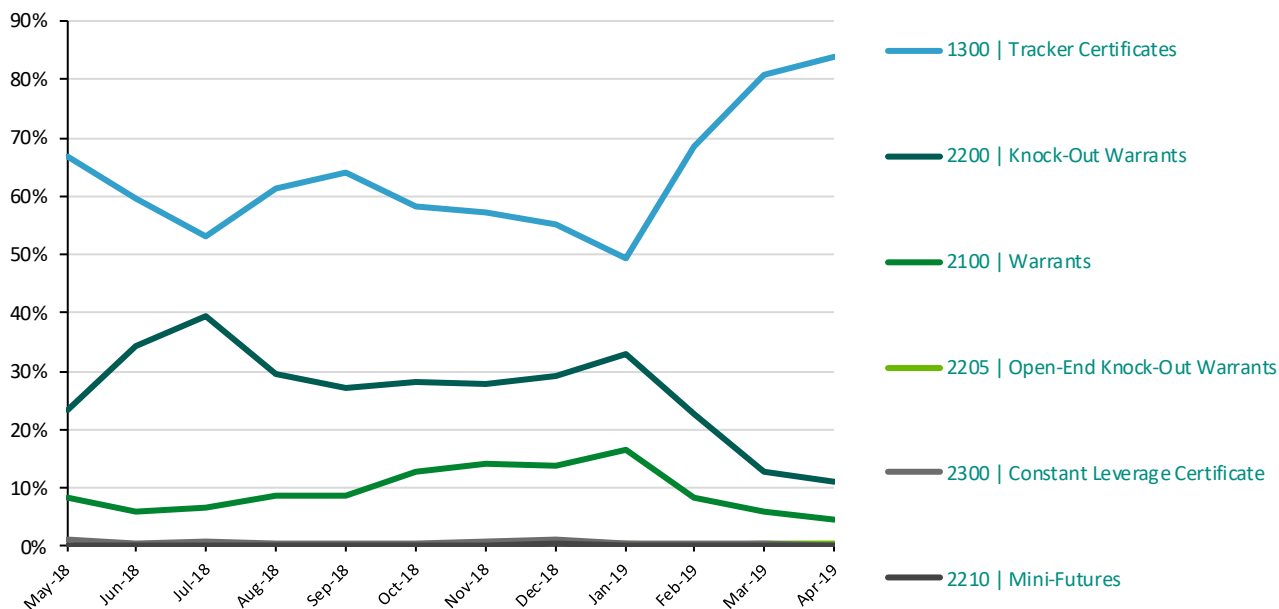
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

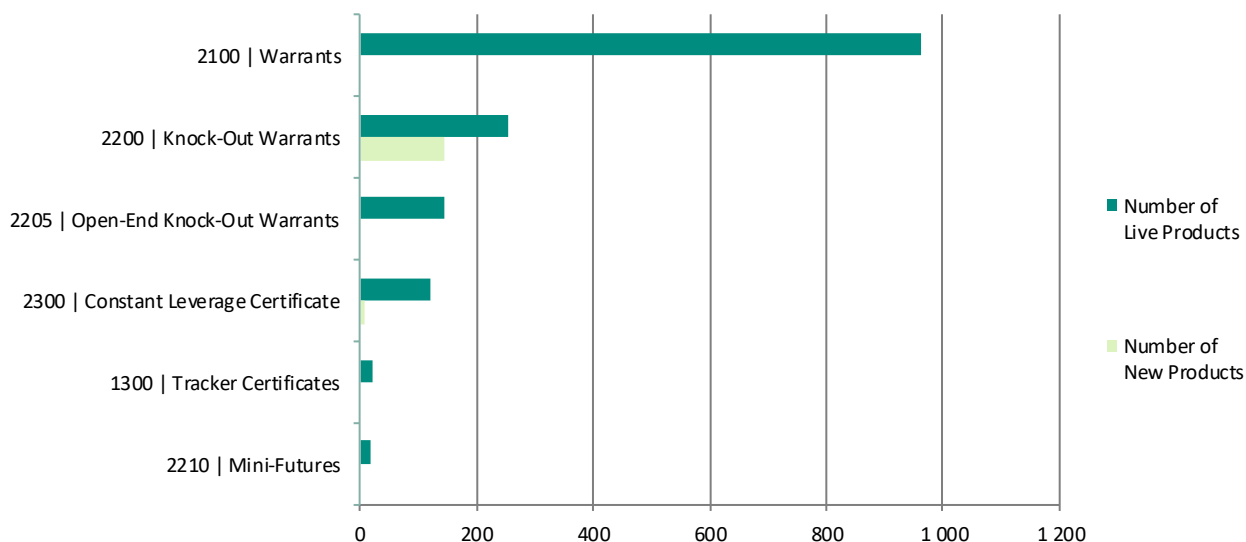
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	962	4.1%	10.0%	63.1%	0	-100%	-100%	0.0%
2200   Knock-Out Warrants	256	-4.6%	-22%	16.8%	146	-34%	-35%	94.8%
2205   Open-End Knock-Out Warrants	144	-12.1%	48%	9.5%	0	-100%	-100%	0.0%
2300   Constant Leverage Certificate	121	5.9%	-28%	7.9%	8	-85%	23%	5.2%
1300   Tracker Certificates	22	0.0%	-0.9%	1.4%	0		-100%	0.0%
2210   Mini-Futures	20	-1.2%	49%	1.3%	0		-100%	0.0%
<b>Total</b>	<b>1,525</b>	<b>0.8%</b>	<b>1.5%</b>	<b>100%</b>	<b>154</b>	<b>-63.0%</b>	<b>-56.9%</b>	<b>100%</b>

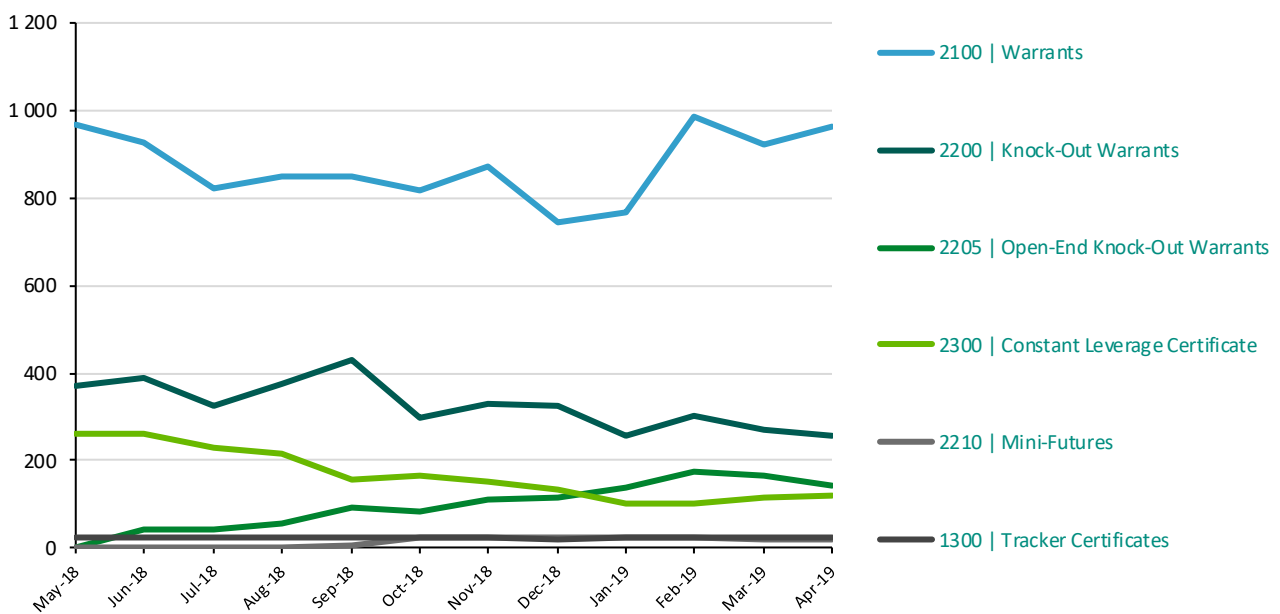
(Source Euronext)



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

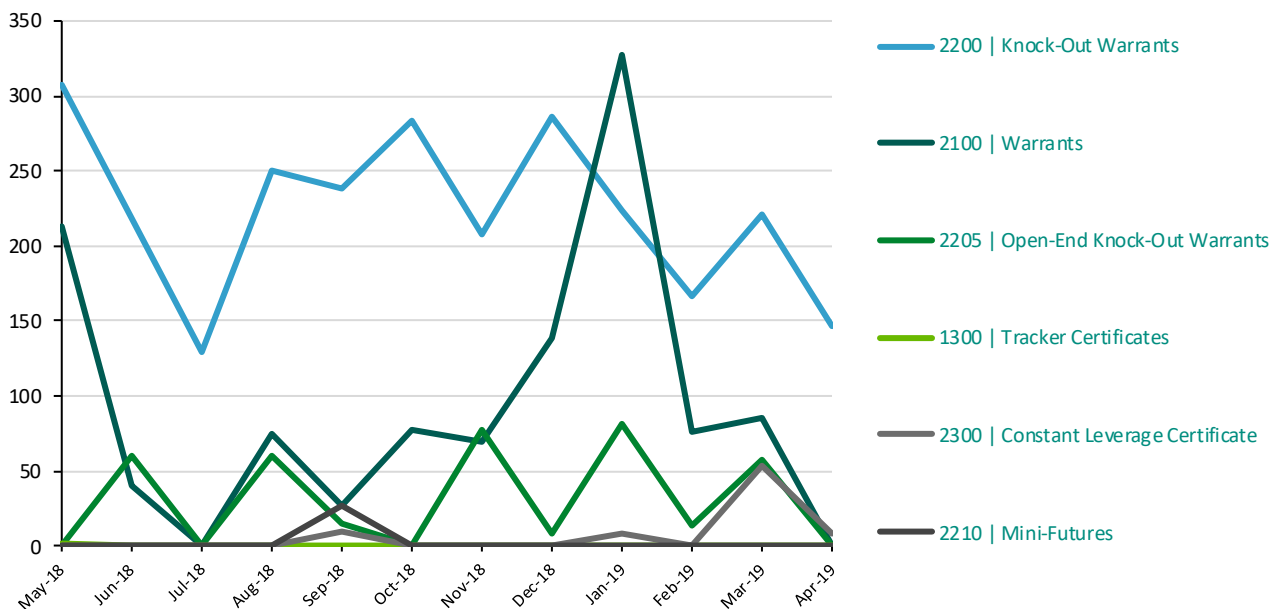
## Product Trend: Number of Live Products

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

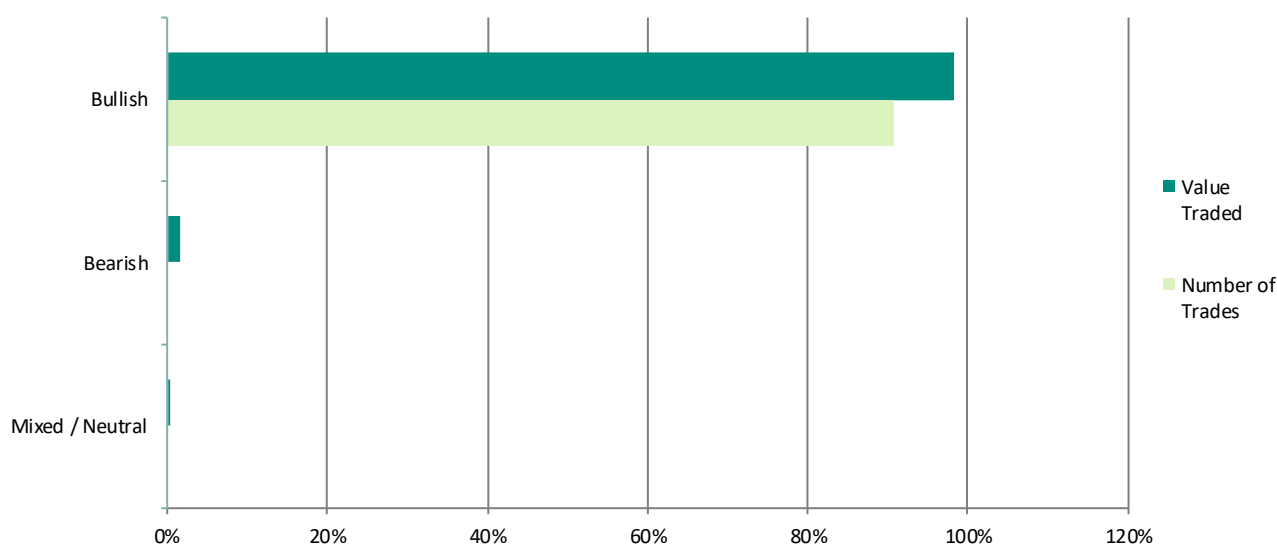
## Market Overview

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	7,612	18.6%	147%	98.4%	545	9.1%	86.1%	90.7%
Bearish	121	-36%	-38%	1.6%	0.0	-100%	-100%	0.0%
Mixed / Neutral	3	-77%	-65%	0.0%	0.0	-100%	-100%	0.0%
Total	7,735	16.9%	135.2%	100%	601	8.2%	71.3%	100%

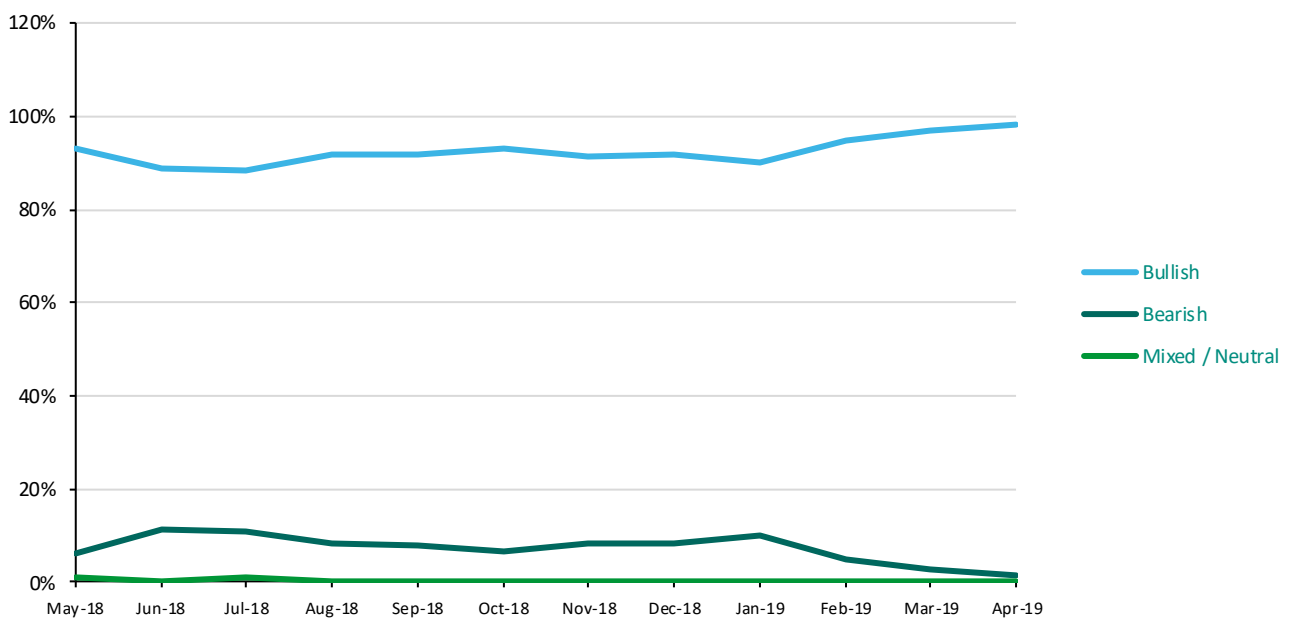
(Source Euronext)



# PRODUCT STRATEGIES

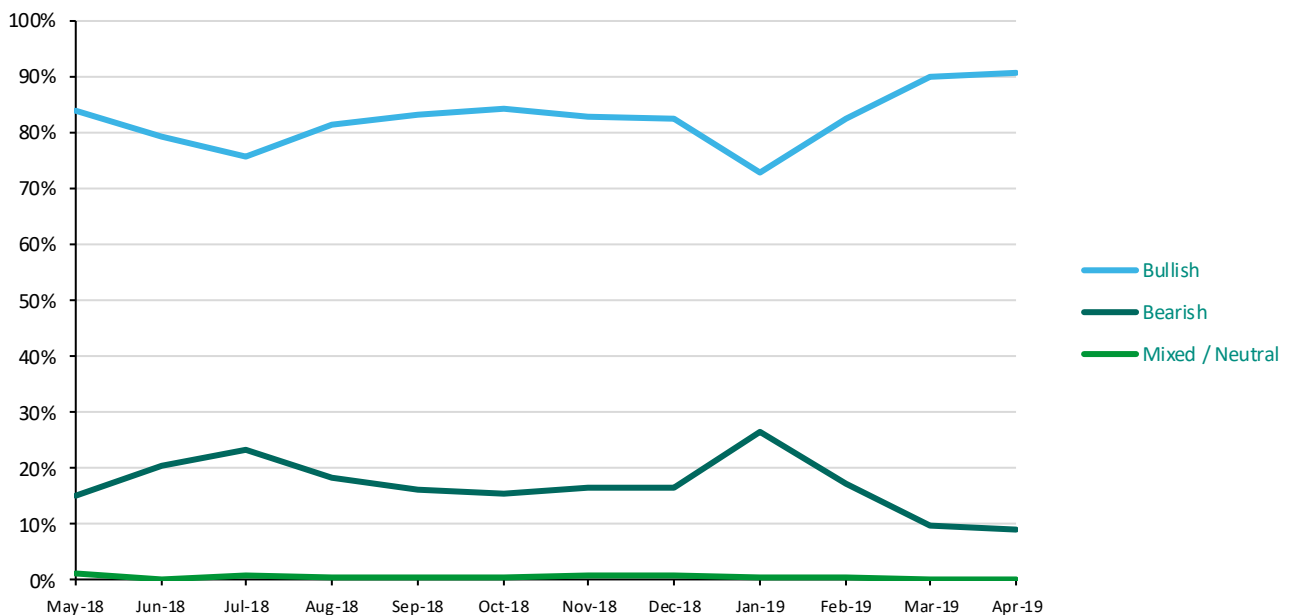
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

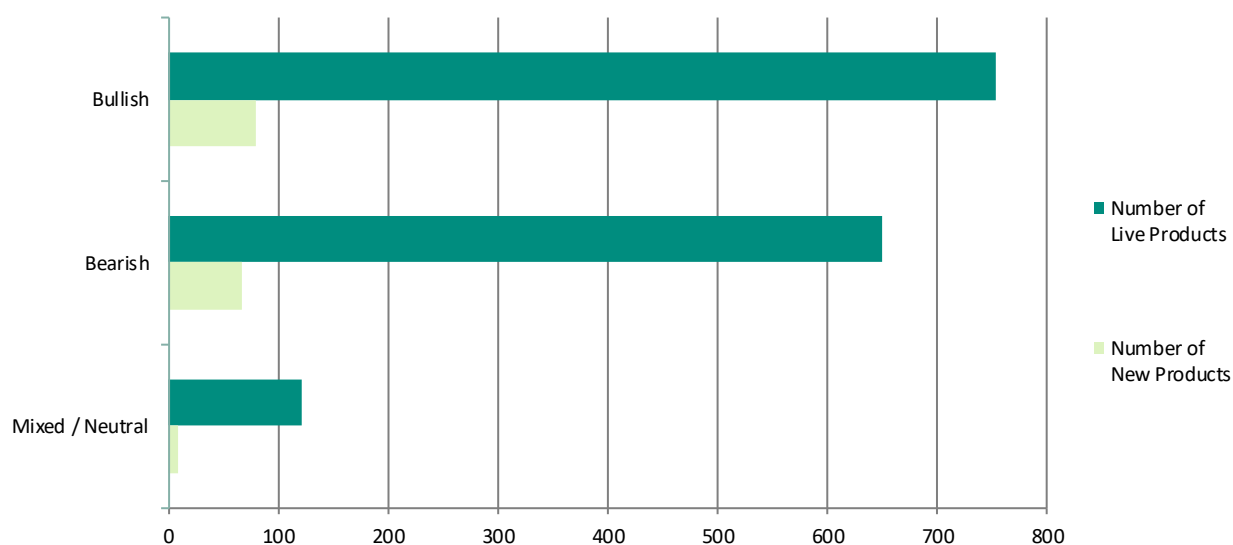
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	753	2.5%	10.3%	49.4%	80	-55%	-57%	51.9%
Bearish	650	-2.0%	-5.6%	42.7%	66	-64%	-60%	42.9%
Mixed / Neutral	121	5.9%	-6.9%	7.9%	8	-85%	23%	5.2%
<b>Total</b>	<b>1,525</b>	<b>0.8%</b>	<b>1.5%</b>	<b>100%</b>	<b>154</b>	<b>-63.0%</b>	<b>-56.9%</b>	<b>100%</b>

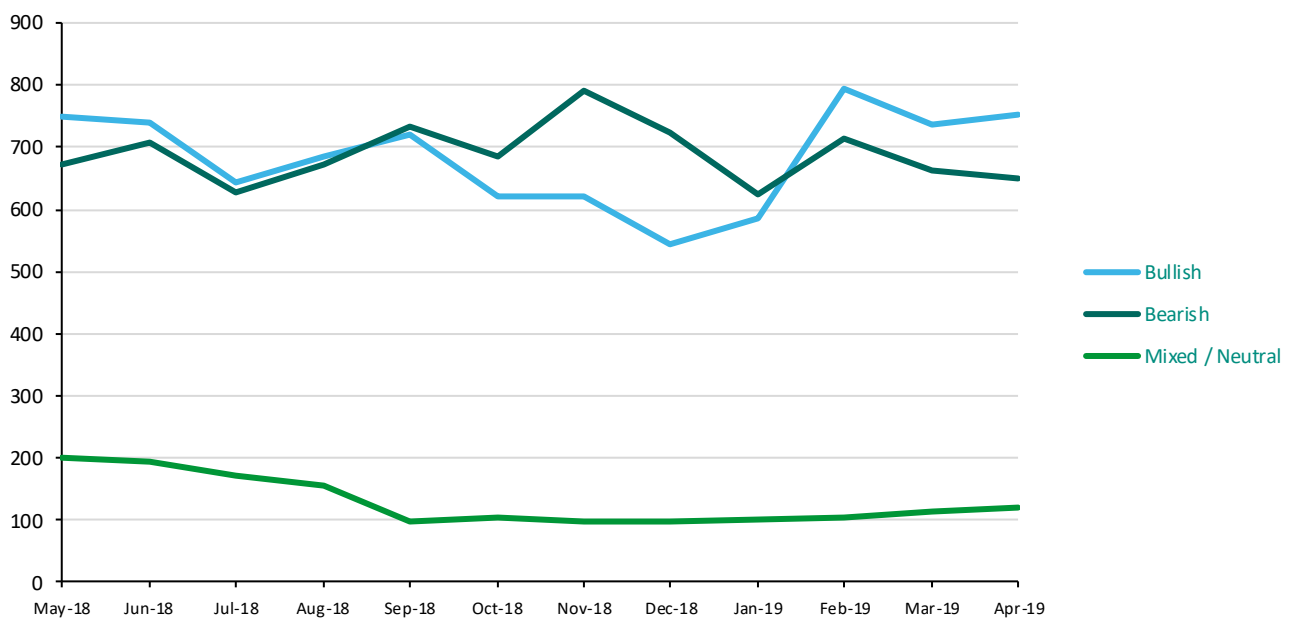
(Source Euronext)



# PRODUCT STRATEGIES

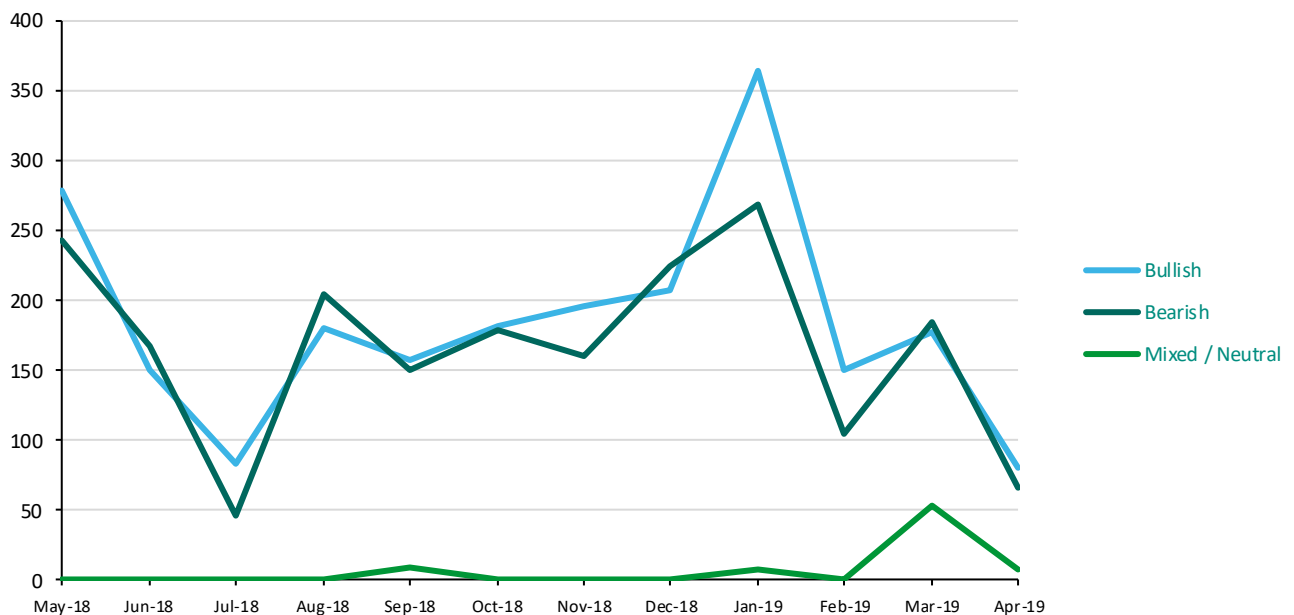
## Product Trend: Number of Live Products

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

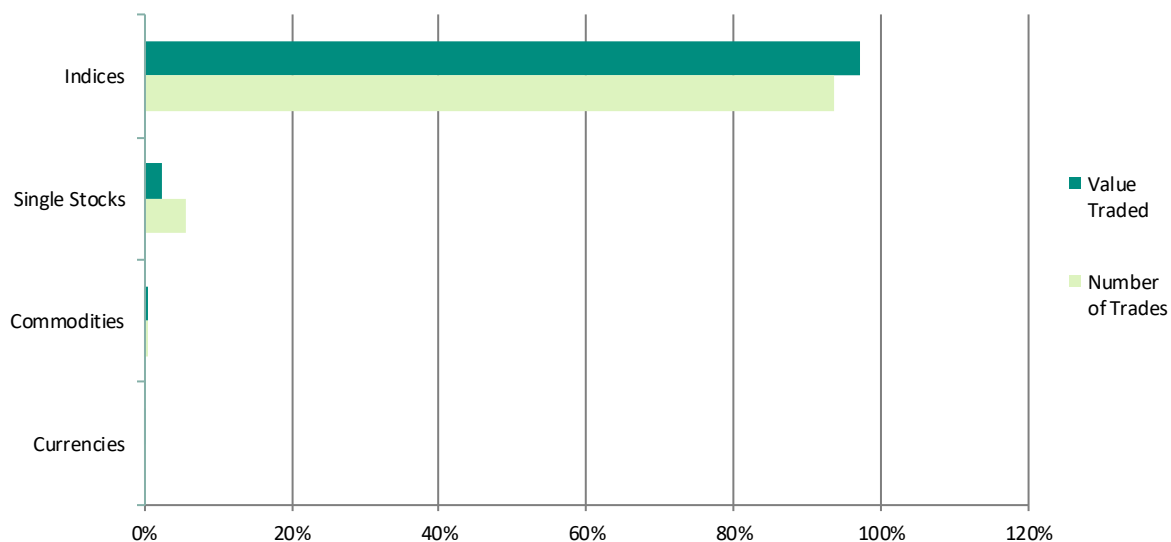
## Market Overview

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	7,510	17.3%	140%	97.1%	563	7.8%	76.5%	93.8%
Single Stocks	184	14.9%	54%	2.4%	33	12.4%	26.3%	5.6%
Commodities	41	-26%	25%	0.5%	3.6	28.1%	-14.8%	0.6%
Currencies	0		-92%	0.0%	0.5		-37.0%	0.1%
<b>Total</b>	<b>7,735</b>	<b>16.9%</b>	<b>135.2%</b>	<b>100%</b>	<b>601</b>	<b>8.2%</b>	<b>71.3%</b>	<b>100%</b>

(Source Euronext)

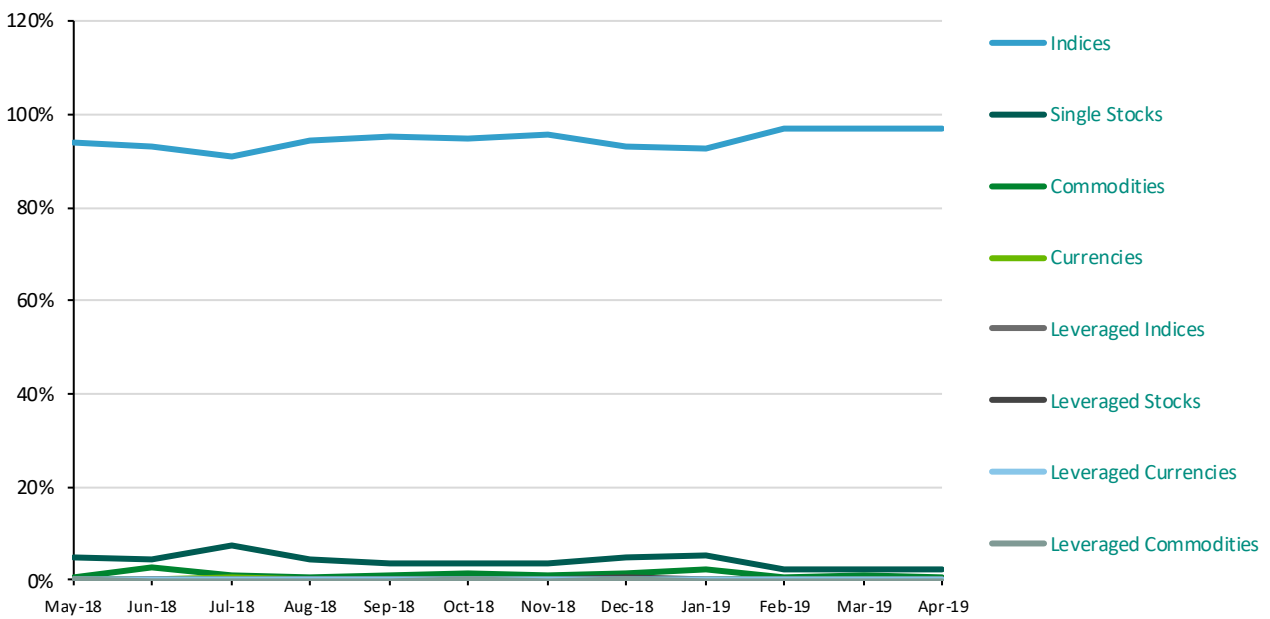




# UNDERLYING TYPES

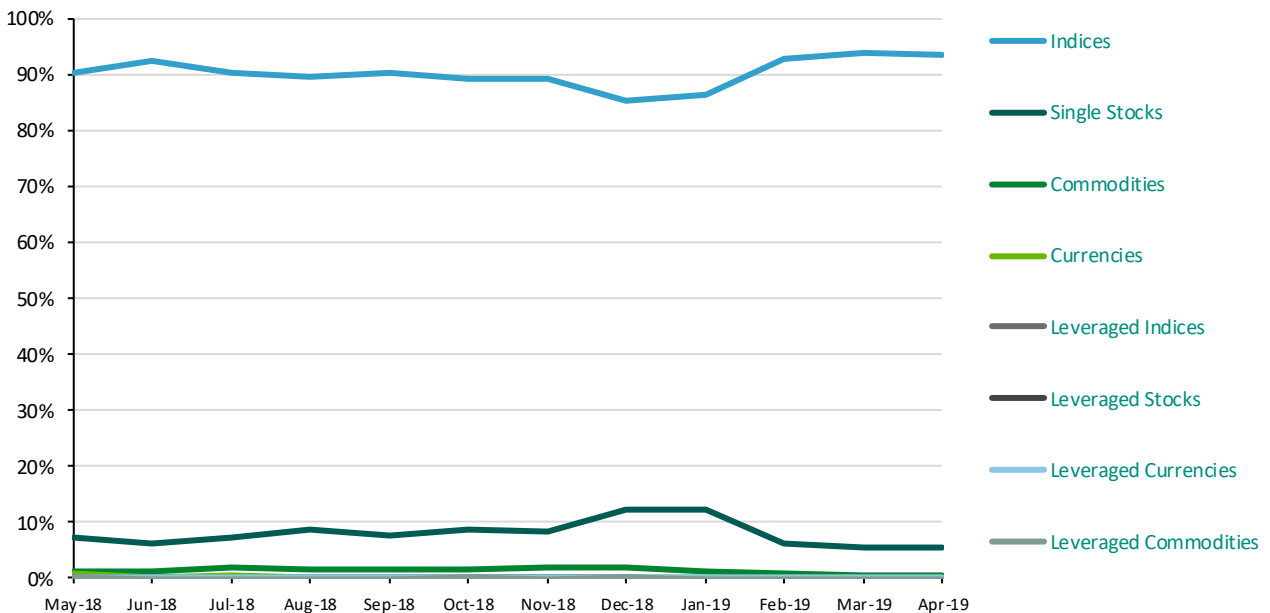
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## UNDERLYING TYPES

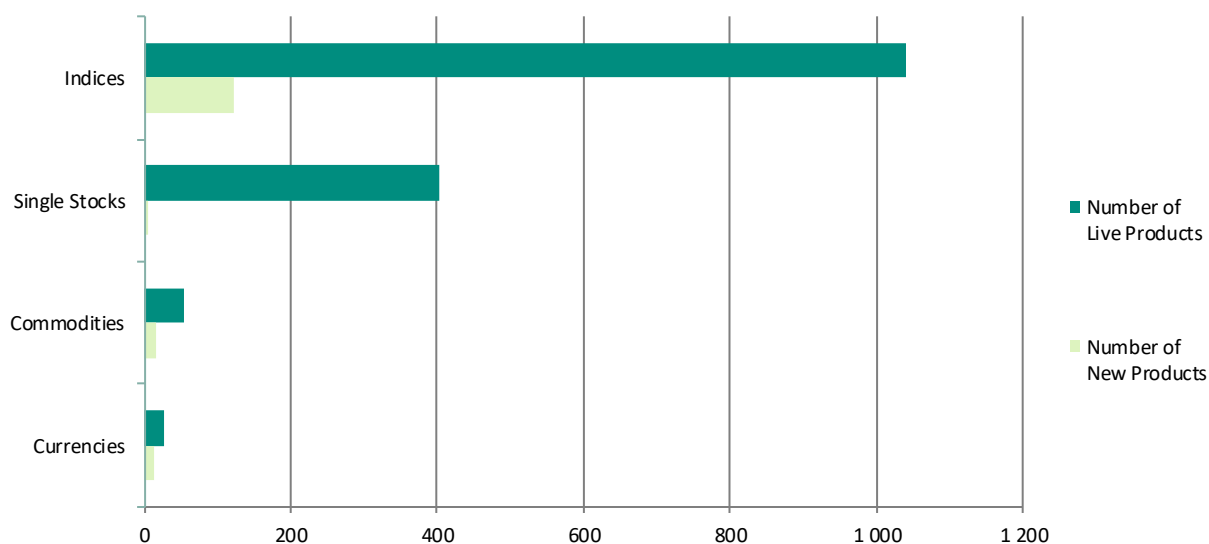
### Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	1,040	1.8%	13.0%	68.2%	121	-63%	-55%	78.6%
Single Stocks	404	-4.0%	-13.4%	26.5%	4	-94%	-94%	2.6%
Commodities	55	11.8%	1.2%	3.6%	17	21%	65%	11.0%
Currencies	26	21%	8.2%	1.7%	12	100%	85%	7.8%
<b>Total</b>	<b>1,525</b>	<b>0.8%</b>	<b>1.5%</b>	<b>100%</b>	<b>154</b>	<b>-63.0%</b>	<b>-56.9%</b>	<b>100%</b>

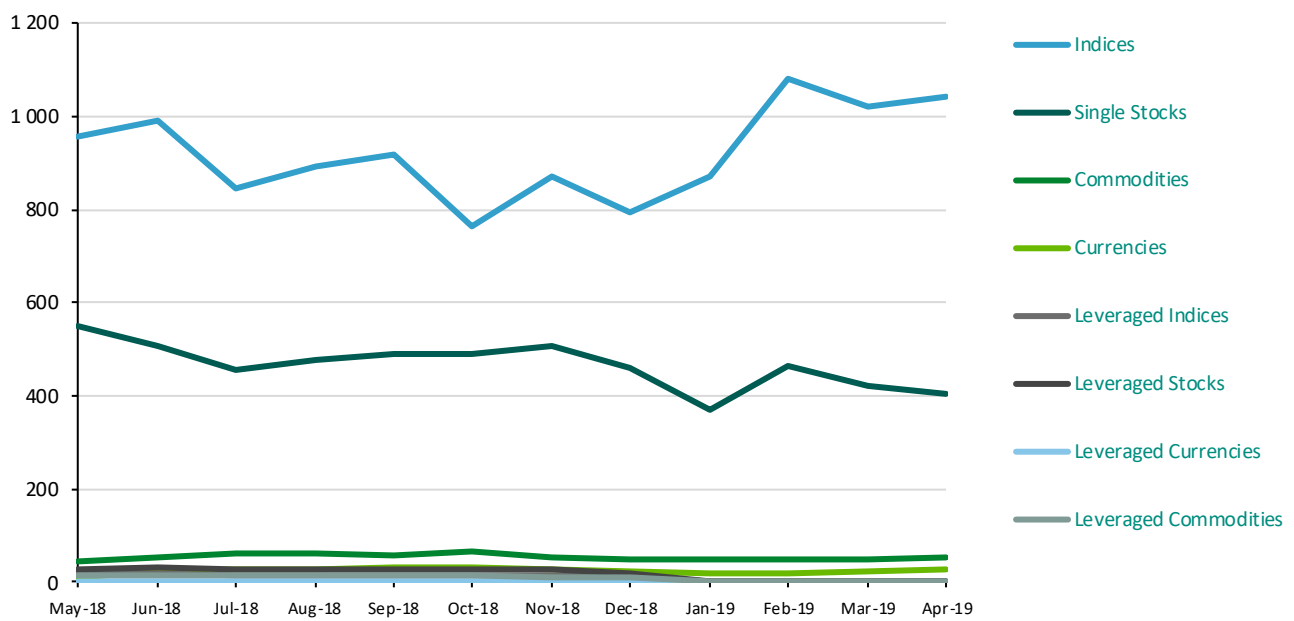
(Source Euronext)



# UNDERLYING TYPES

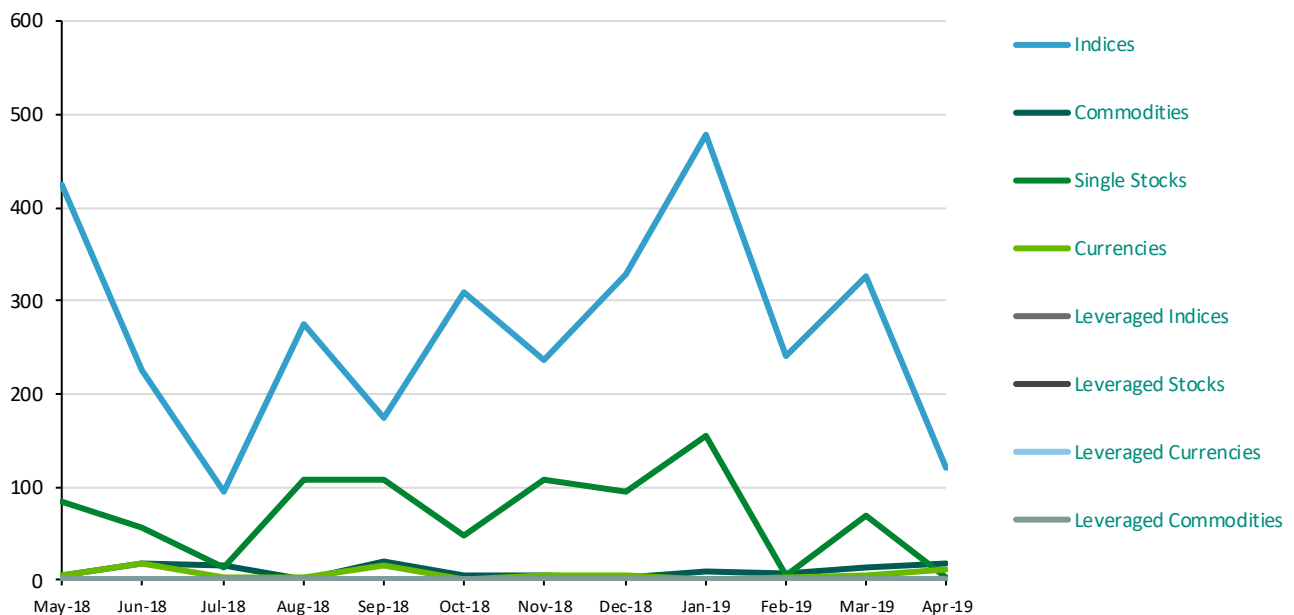
## Product Trend: Number of Live Products

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

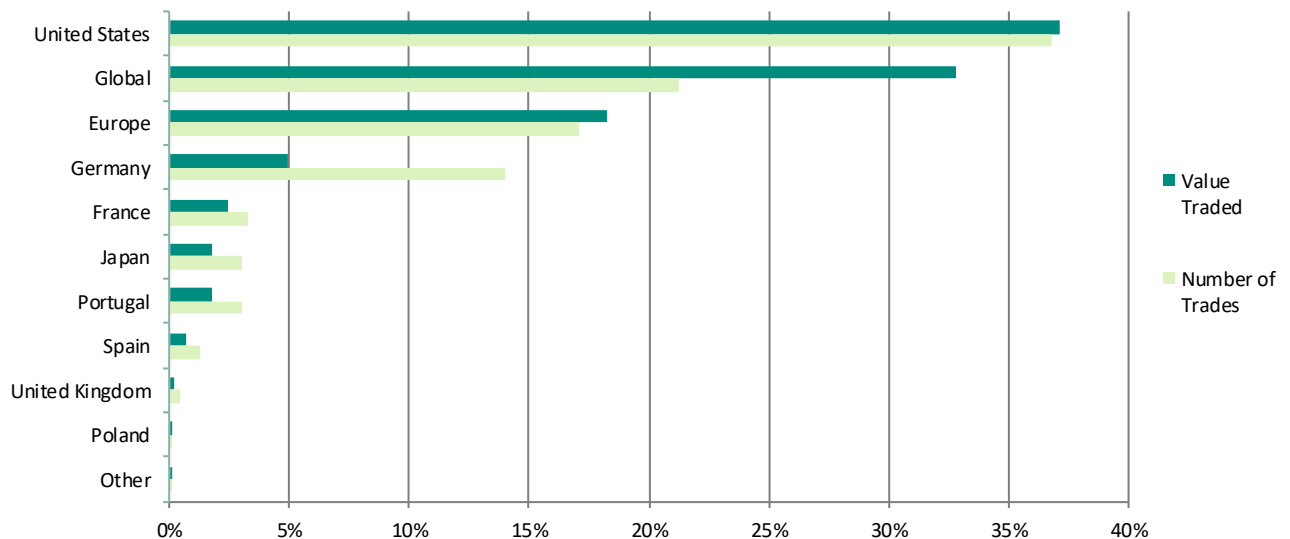
## Market Overview

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	2,877	5.2%	123%	37.2%	221	5.4%	77.8%	36.8%
Global	2,542	33%	257%	32.9%	127	18.9%	172%	21.2%
Europe	1,409	27%	125%	18.2%	102	21%	97%	17.1%
Germany	381	-3.7%	0.3%	4.9%	84	-6.5%	-2.9%	14.0%
France	185	25%	121%	2.4%	20	19.0%	82%	3.2%
Japan	136	0.2%	71%	1.8%	18	-3.0%	86%	3.0%
Portugal	135	12.2%	81%	1.7%	18	1.9%	33%	3.0%
Spain	53	48%	69%	0.7%	7.4	2.2%	33%	1.2%
United Kingdom	15	-47%	47%	0.2%	2.5	-18.3%	108%	0.4%
Poland	1	-41%	-16.1%	0.0%	0.2	5.0%	3.4%	0.0%
Other	0	126%	525%	0.0%	0.1	-30%	155%	0.0%
<b>Total</b>	<b>7,735</b>	<b>16.9%</b>	<b>135.2%</b>	<b>100%</b>	<b>601</b>	<b>8.2%</b>	<b>71.3%</b>	<b>100%</b>

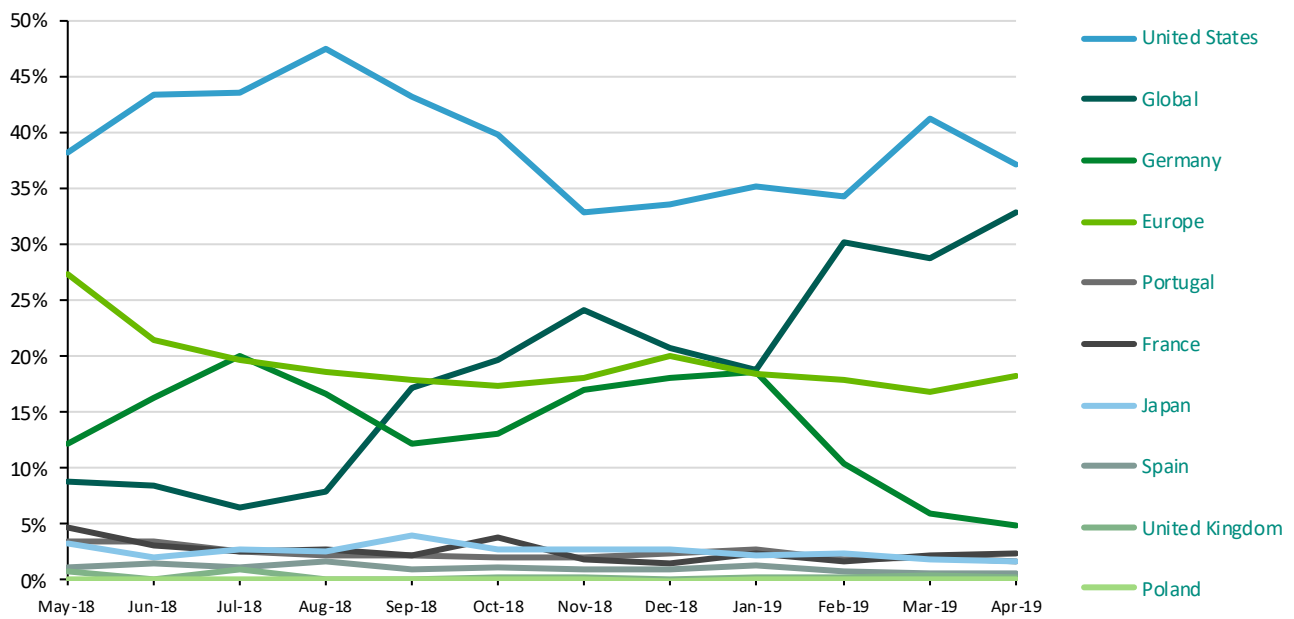
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

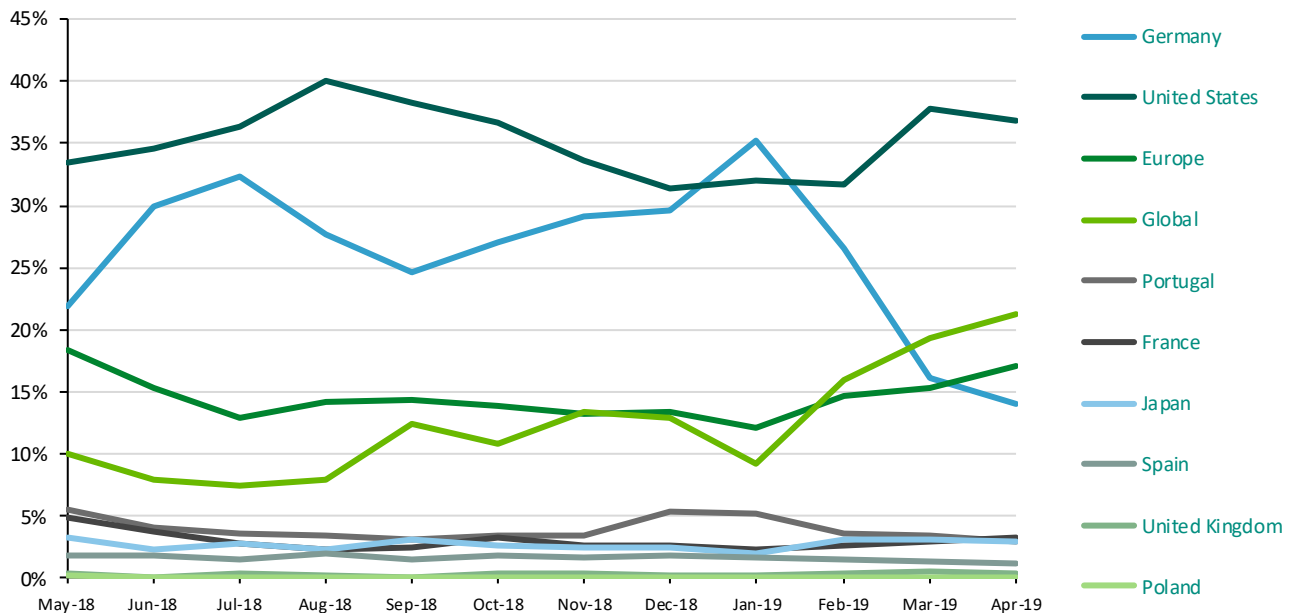
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

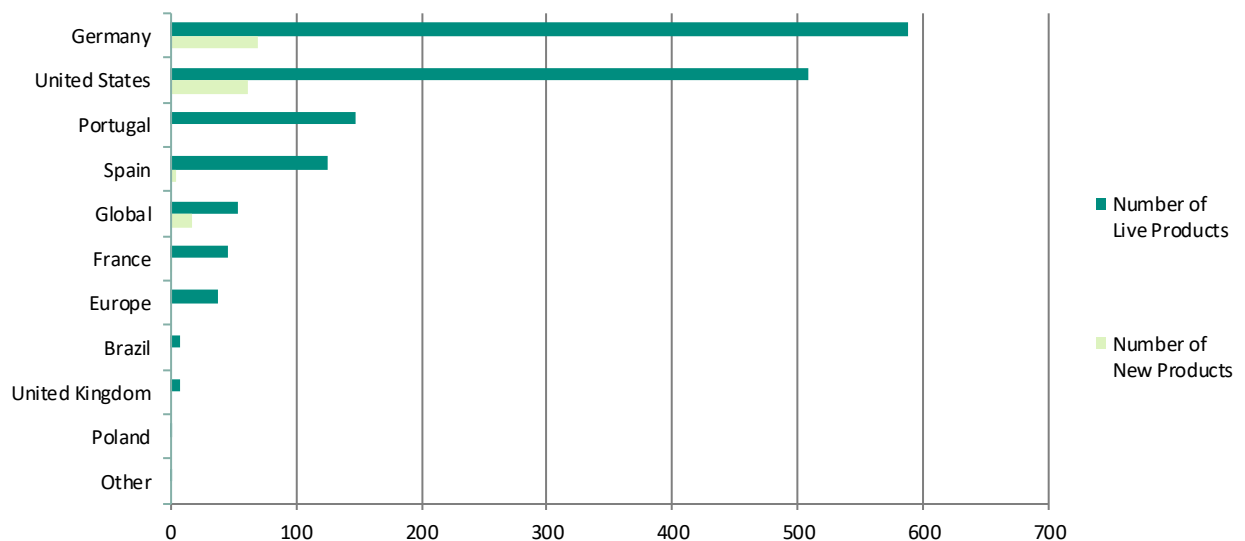
## Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Germany	589	9.6%	17.9%	38.6%	70	-60%	-46%	45.5%
United States	508	-6.4%	-1.8%	33.3%	62	-55%	-59%	40.3%
Portugal	147	-6.4%	-27%	9.6%	0	-100%	-100%	0.0%
Spain	126	0.1%	11.7%	8.2%	4	-90%	-87%	2.6%
Global	54	14.6%	-12.6%	3.6%	17	42%	67%	11.0%
France	45	0.8%	-35%	3.0%	1	-96%	-90%	0.6%
Europe	37	-3.4%	88%	2.4%	0		-100%	0.0%
Brazil	8	0.0%	47%	0.5%	0		-100%	0.0%
United Kingdom	8	5.0%	31%	0.5%	0	-100%	-100%	0.0%
Poland	1	0.0%	1.2%	0.1%	0			0.0%
Other	1	-53%	-83%	0.1%	0			0.0%
<b>Total</b>	<b>1,525</b>	<b>0.8%</b>	<b>1.5%</b>	<b>100%</b>	<b>154</b>	<b>-63.0%</b>	<b>-56.9%</b>	<b>100%</b>

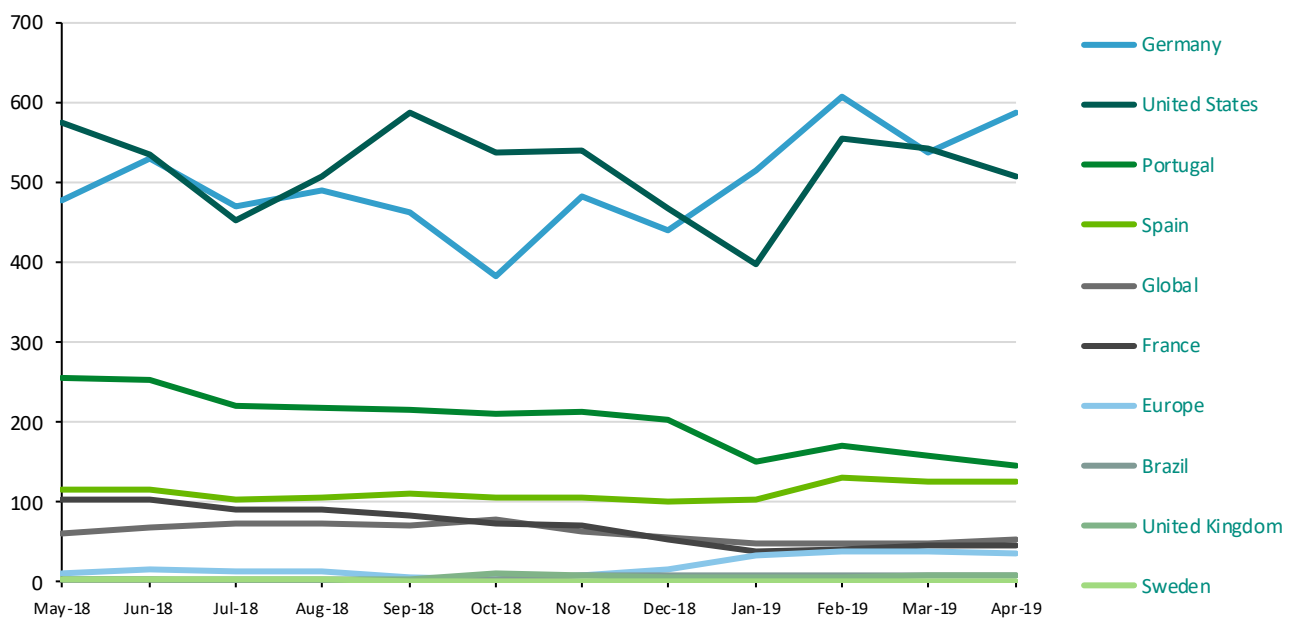
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

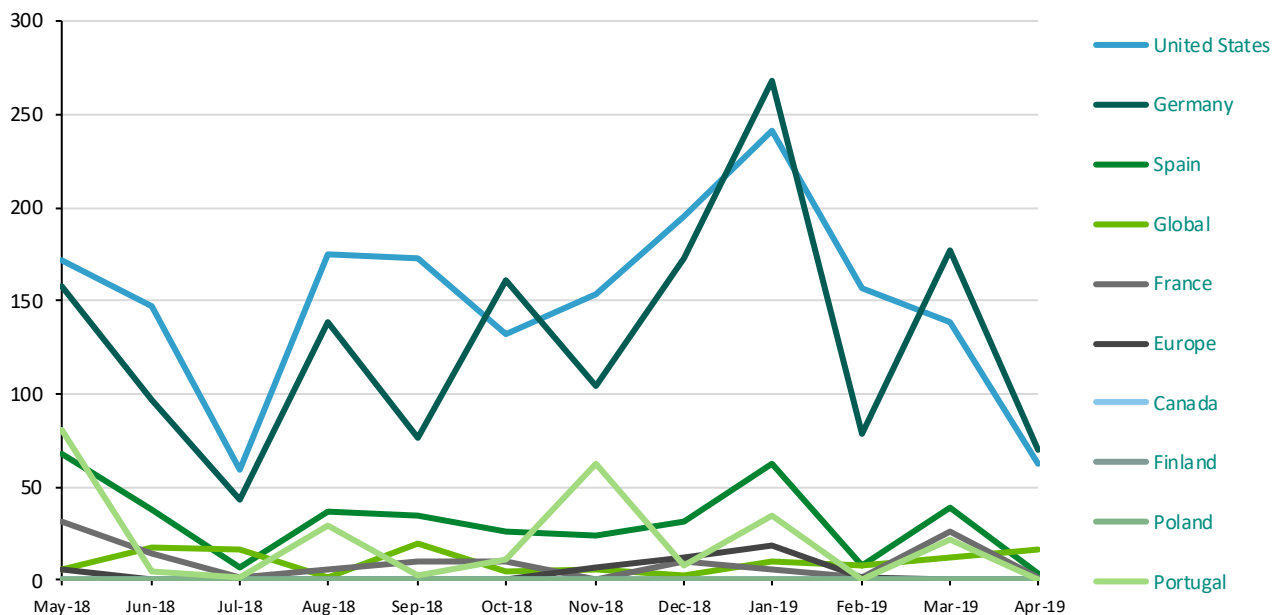
## Product Trend: Number of Live Products

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

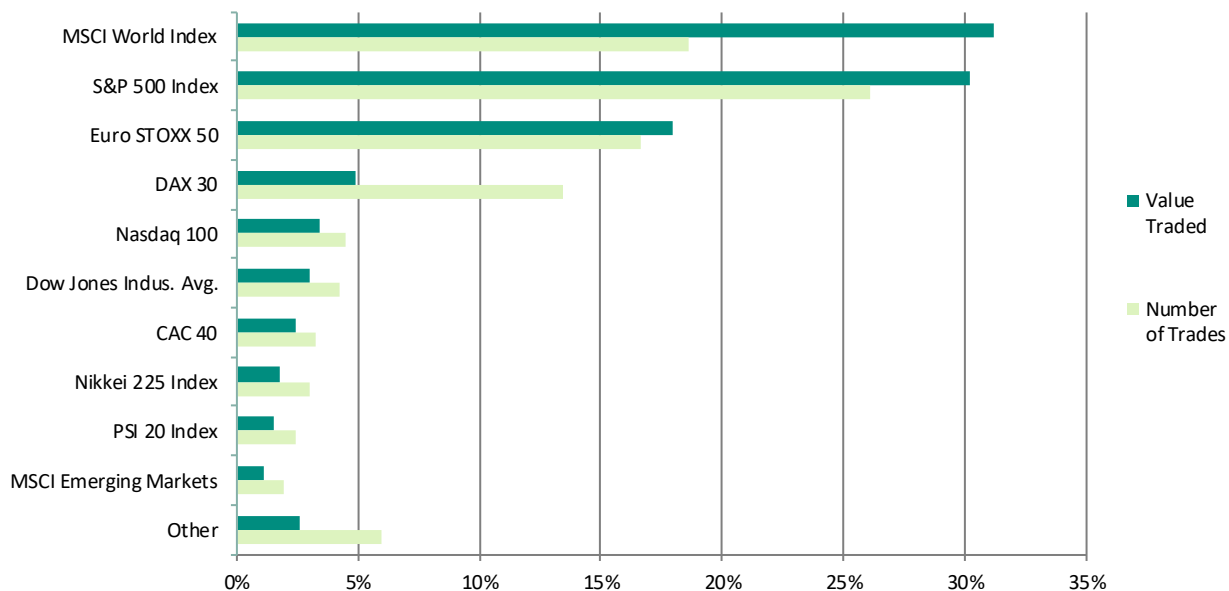
## Market Overview

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
MSCI World Index	2,414	6.3%	167%	31.2%	112	-23.9%	57.9%	18.6%
S&P 500 Index	2,336	30%	270%	30.2%	157	67%	353%	26.1%
Euro STOXX 50	1,392	26%	127%	18.0%	100	20.0%	98%	16.7%
DAX 30	376	-3.0%	1.6%	4.9%	81	-6.3%	-3.1%	13.4%
Nasdaq 100	266	0.8%	19.3%	3.4%	27	-2.1%	-9.8%	4.5%
Dow Jones Indus. Avg.	232	19.4%	83%	3.0%	25	-13.9%	82%	4.2%
CAC 40	185	25%	122%	2.4%	19	19.6%	83%	3.2%
Nikkei 225 Index	136	13.1%	71%	1.8%	18	2.7%	86%	3.0%
PSI 20 Index	116	5.0%	80%	1.5%	14	1.5%	48%	2.4%
MSCI Emerging Markets	82	45%	75%	1.1%	11	10.8%	47%	1.9%
Other	201	16.2%	37%	2.6%	36	22%	19.4%	5.9%
<b>Total</b>	<b>7,735</b>	<b>16.9%</b>	<b>135.2%</b>	<b>100%</b>	<b>601</b>	<b>8.2%</b>	<b>71.3%</b>	<b>100%</b>

(Source Euronext)

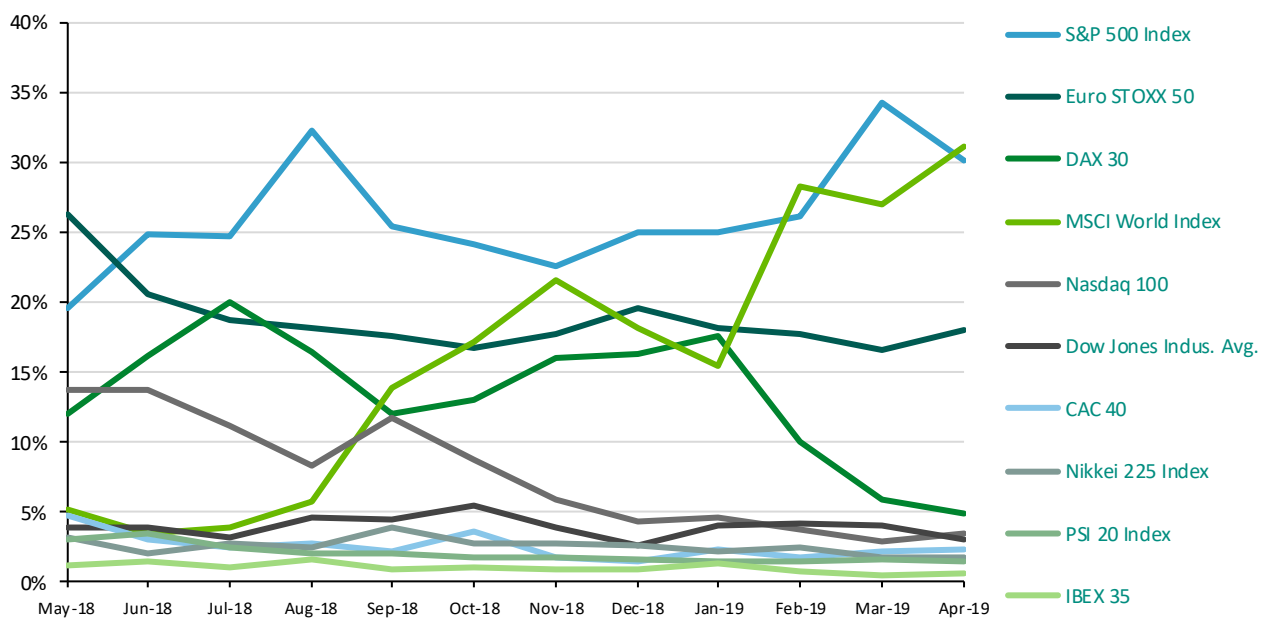




# TOP 10 UNDERLYINGS

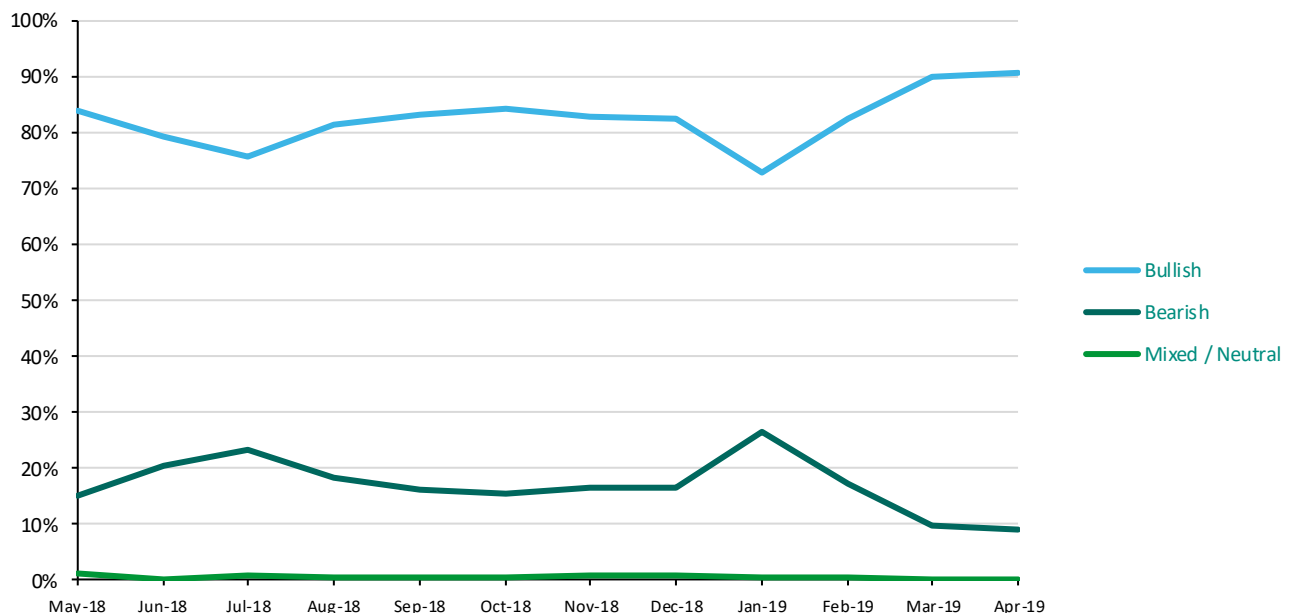
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYINGS

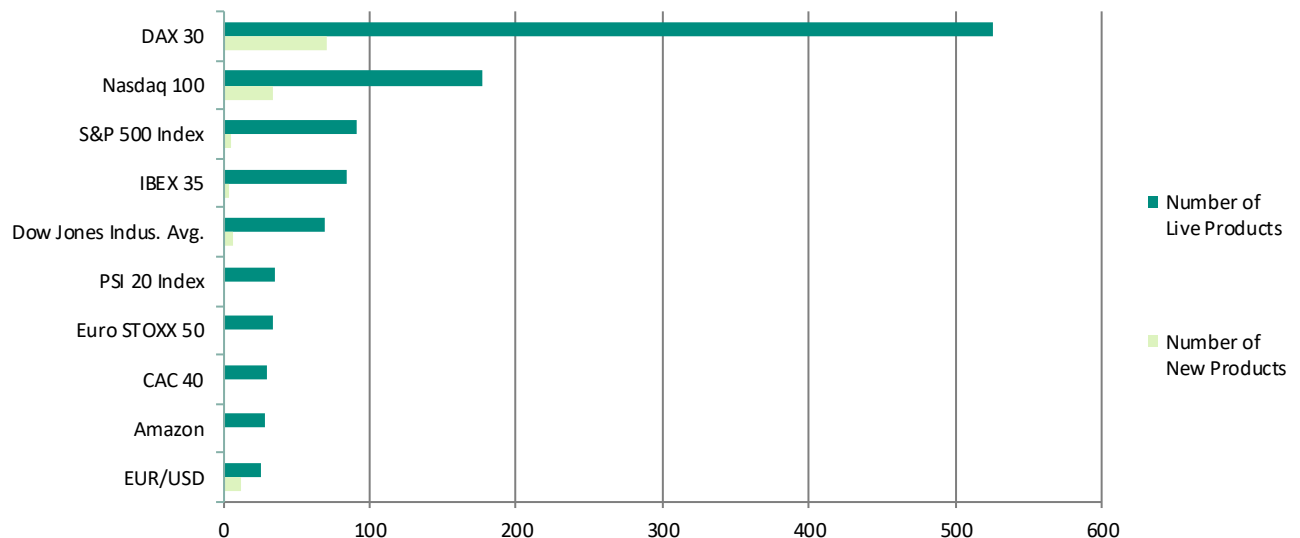
## Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
DAX 30	526	9.7%	23%	34.5%	70	-58%	-43%	45.5%
Nasdaq 100	176	-9.8%	9.7%	11.6%	34	-46%	-48%	22.1%
S&P 500 Index	92	-3.3%	14.4%	6.0%	5	-58%	-71%	3.2%
IBEX 35	84	-4.5%	-0.8%	5.5%	4	-87%	-86%	2.6%
Dow Jones Indus. Avg.	69	-8.9%	-7.6%	4.5%	7	-63%	-69%	4.5%
PSI 20 Index	35	-3.7%	-33%	2.3%	0		-100%	0.0%
Euro STOXX 50	34	-3.7%	104%	2.2%	0		-100%	0.0%
CAC 40	30	3.6%	-43%	1.9%	1	-96%	-88%	0.6%
Amazon	28	-15.4%	-26%	1.8%	0	-100%	-100%	0.0%
EUR/USD	26	21%	8.2%	1.7%	12	100%	85%	7.8%
Other	426	0.1%	-13.1%	27.9%	21			13.6%
<b>Total</b>	<b>1,525</b>	<b>0.8%</b>	<b>1.5%</b>	<b>100%</b>	<b>154</b>	<b>-63.0%</b>	<b>-56.9%</b>	<b>100%</b>

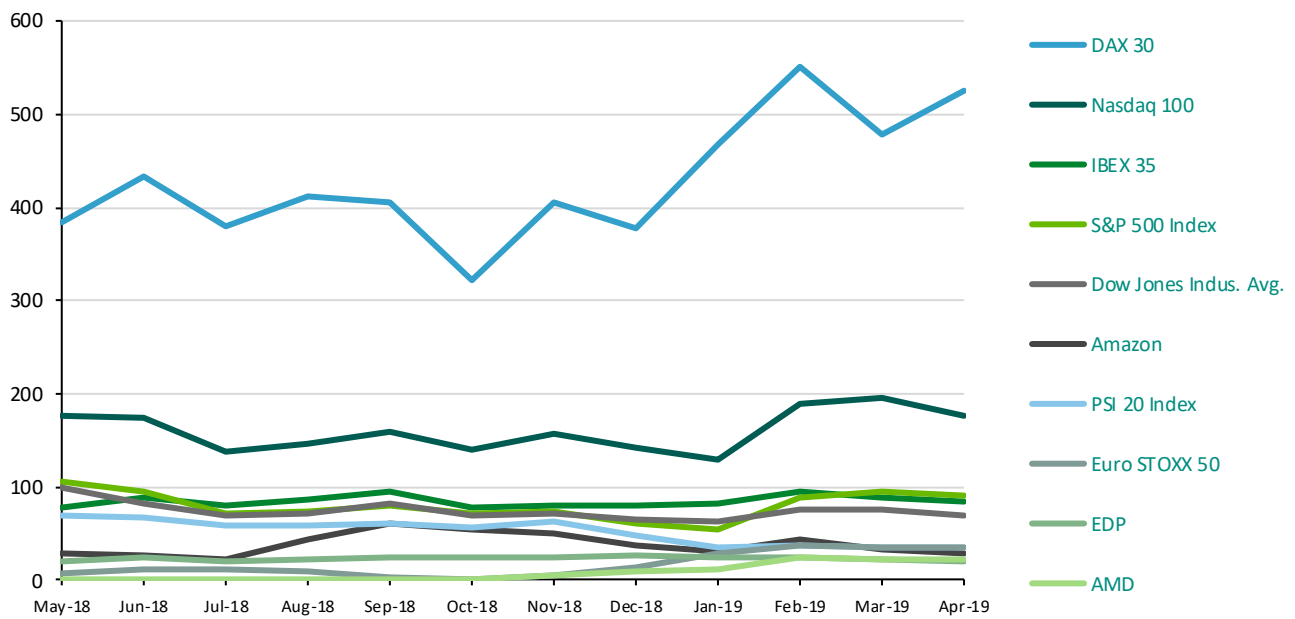
(Source Euronext)



# TOP 10 UNDERLYINGS

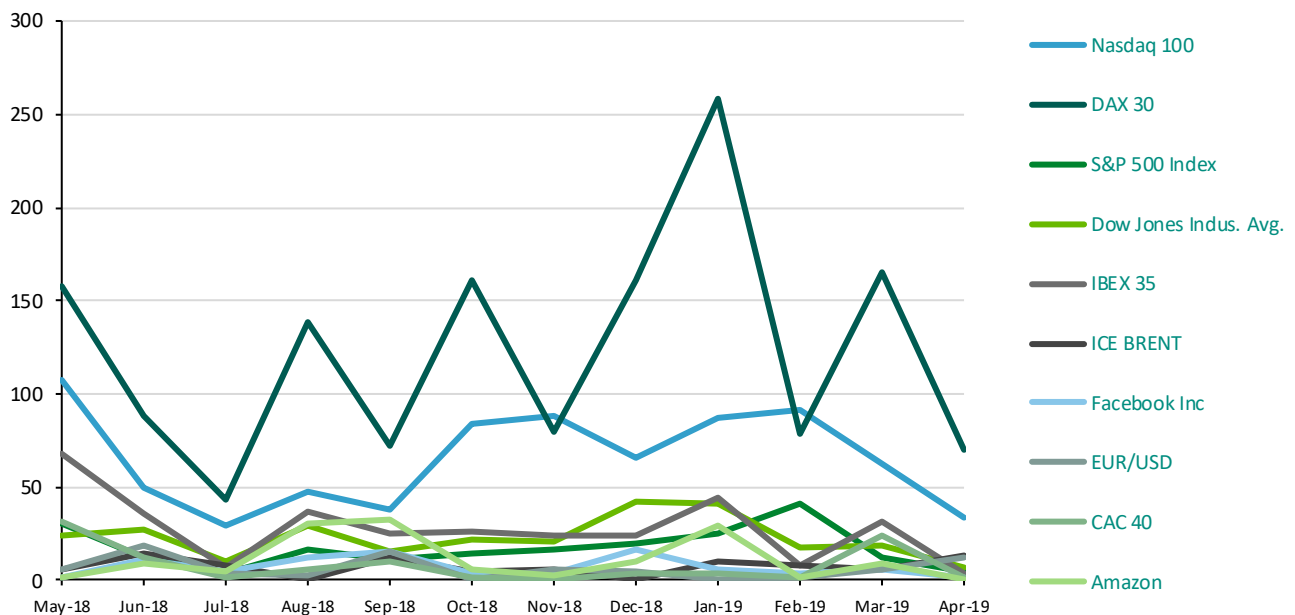
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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	96,575	4,472
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	55,669	4,006
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	54,180	3,016
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	39,157	3,202
PTBIWBVE0057	BCP	1300	Tracker Certificates	Nasdaq 100	10,103	644
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	9,146	892
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	8,916	820
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	7,373	768
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	5,445	726
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	4,625	568
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	3,294	456
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	2,110	284
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	1,211	68
DE000CP6NGC1	Citi	2200	Knock-Out Warrants	Facebook Inc	758	64
DE000CV3LMH1	Commerzbank	2100	Warrants	Galp Energia	700	78
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	599	96
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	468	62
DE000CP6NBG3	Citi	2200	Knock-Out Warrants	DAX 30	466	76
DE000CP6NBJ7	Citi	2200	Knock-Out Warrants	DAX 30	417	52
DE000CP6NFK6	Citi	2200	Knock-Out Warrants	Amazon	404	48
DE000CP6NBU4	Citi	2200	Knock-Out Warrants	DAX 30	396	62
DE000CP6NBH1	Citi	2200	Knock-Out Warrants	DAX 30	328	90
DE000CJ36V83	Commerzbank	2200	Knock-Out Warrants	DAX 30	326	96
DE000CP6NBE8	Citi	2200	Knock-Out Warrants	DAX 30	286	110
DE000CP6NBZ3	Citi	2200	Knock-Out Warrants	DAX 30	274	50
DE000CP6NGL2	Citi	2200	Knock-Out Warrants	DAX 30	266	38
PTBITCYM0077	BCP	1300	Tracker Certificates	ICE BRENT	248	32
DE000CJ36TW0	Commerzbank	2100	Warrants	DAX 30	222	42
DE000CJ36W17	Commerzbank	2200	Knock-Out Warrants	DAX 30	215	70
DE000CP6NFV3	Citi	2200	Knock-Out Warrants	DAX 30	202	20
PTBCSZYE0010	BCP	1300	Tracker Certificates	FTSE EPRA/NAREIT Euro Zone I	202	20
DE000CP6NEY0	Citi	2200	Knock-Out Warrants	DAX 30	200	86
DE000CP6NDL9	Citi	2200	Knock-Out Warrants	Facebook Inc	178	28
DE000CJ36U43	Commerzbank	2200	Knock-Out Warrants	DAX 30	154	34
DE000CJ36AK5	Commerzbank	2100	Warrants	Nasdaq 100	145	54
DE000CJ36LW7	Commerzbank	2200	Knock-Out Warrants	DAX 30	127	96
DE000CP6NBC2	Citi	2200	Knock-Out Warrants	DAX 30	127	24
PTBCPLYM0043	BCP	1300	Tracker Certificates	Silver	119	10
DE000CP6NB05	Citi	2200	Knock-Out Warrants	DAX 30	111	22
DE000CP6NC79	Citi	2200	Knock-Out Warrants	Alphabet	107	16
PTBIU2YE0087	BCP	1300	Tracker Certificates	STOXX 600 Basic Resources Inc	106	14
DE000CA21AM2	Commerzbank	2100	Warrants	Apple Computer Inc.	104	70
DE000CP6NFF6	Citi	2200	Knock-Out Warrants	DAX 30	91	22
DE000CJ36V75	Commerzbank	2200	Knock-Out Warrants	DAX 30	80	46
DE000CJ36W09	Commerzbank	2200	Knock-Out Warrants	DAX 30	79	50
DE000CJ36VF1	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	73	18
DE000CP6NB13	Citi	2200	Knock-Out Warrants	DAX 30	70	36
DE000CJ36UT4	Commerzbank	2200	Knock-Out Warrants	DAX 30	68	40
DE000CJ36W25	Commerzbank	2200	Knock-Out Warrants	DAX 30	68	66
DE000CJ36V91	Commerzbank	2200	Knock-Out Warrants	DAX 30	63	16

(Source Euronext)



Euronext Paris

# ISSUERS

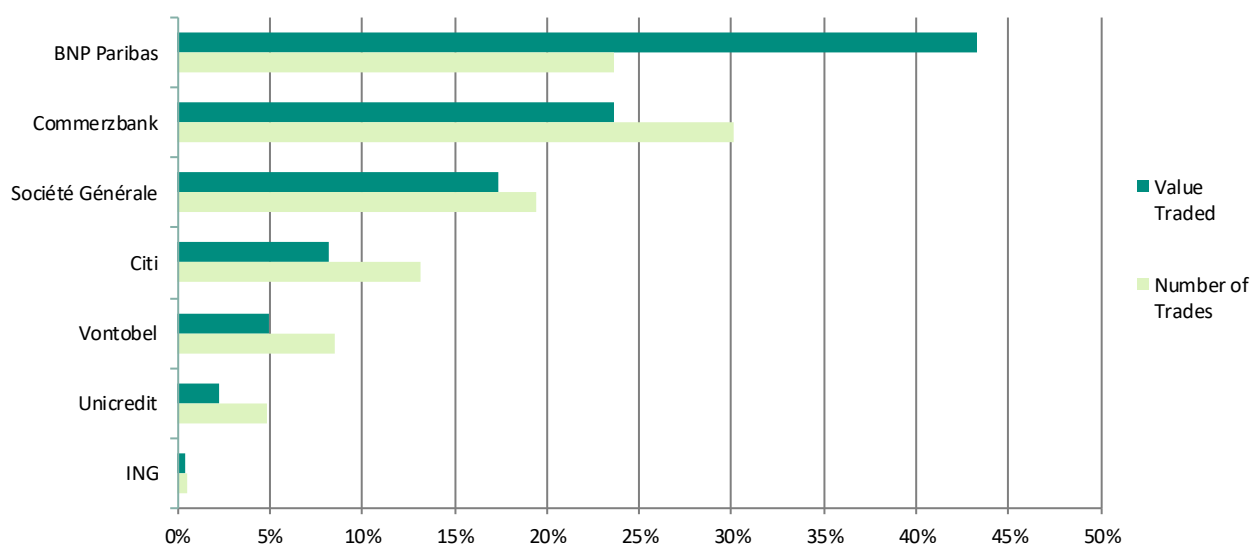
## Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	5,307	-0.4%	32%	43.3%	945	-12.7%	-41.8%	23.6%
Commerzbank	2,890	-8.0%	-11.6%	23.6%	1,204	-10.6%	31.1%	30.1%
Société Générale	2,128	-11.2%	-23%	17.4%	775	-15.7%	-13.8%	19.4%
Citi	1,008	-45%	-38%	8.2%	527	-14.7%	-31.0%	13.2%
Vontobel	601	-25%	-3.1%	4.9%	341	-17.6%	7.1%	8.5%
Unicredit	270	-9.5%	-28%	2.2%	191	-9.6%	-3.7%	4.8%
ING	46	-2.4%	-30%	0.4%	19	-10.3%	-36.3%	0.5%
<b>Total</b>	<b>12,250</b>	<b>-11.5%</b>	<b>-4.0%</b>	<b>100%</b>	<b>4,003</b>	<b>-13.2%</b>	<b>-15.8%</b>	<b>100%</b>

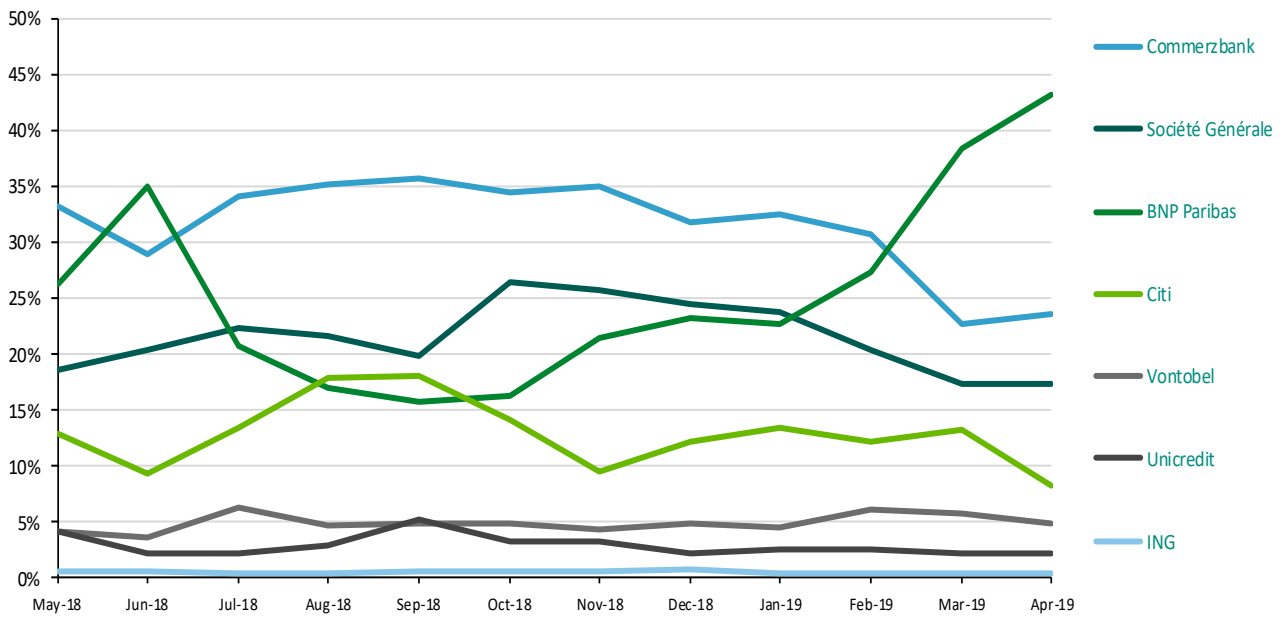
(Source Euronext)



# ISSUERS

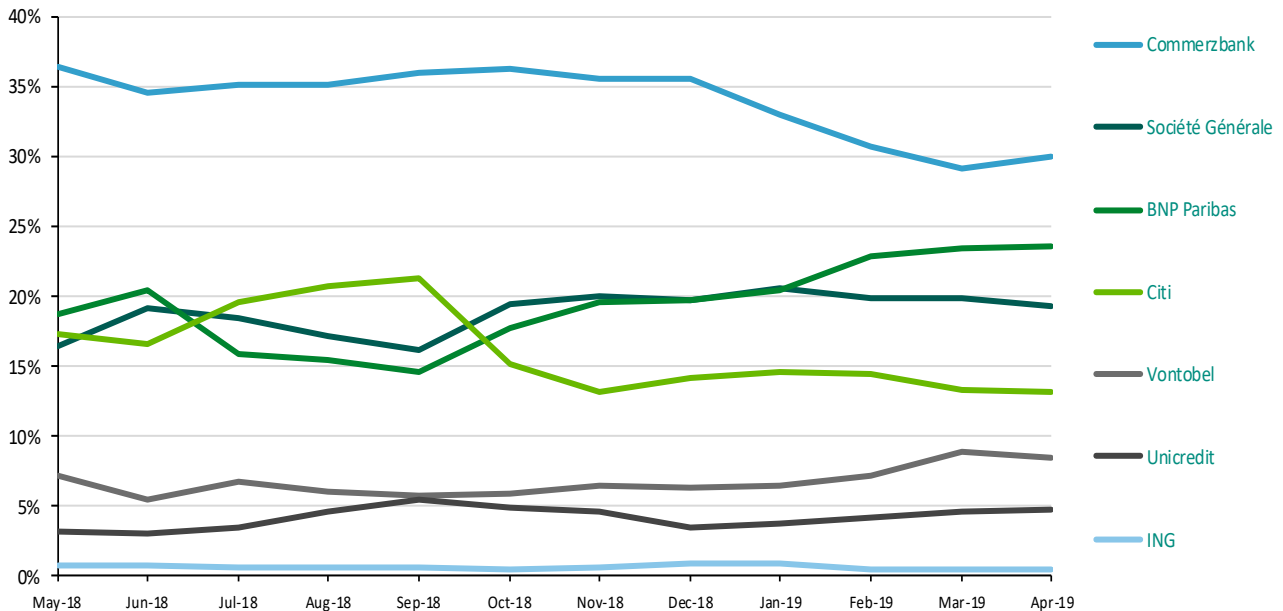
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

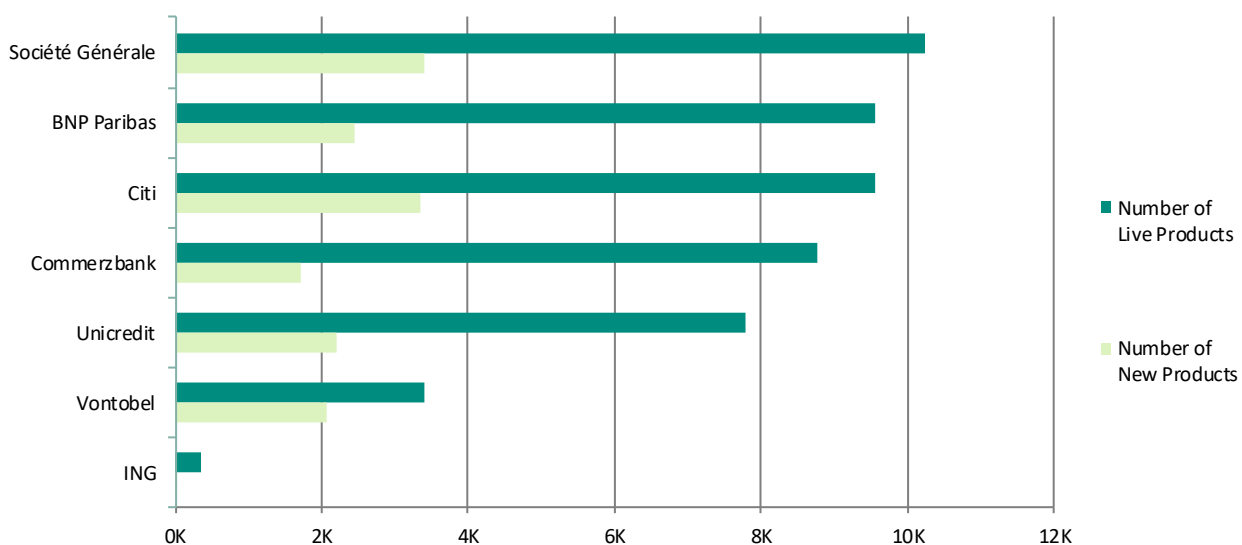
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	10,249	5.5%	15.1%	20.6%	3,402	-7.2%	21%	22.4%
BNP Paribas	9,563	3.7%	32%	19.3%	2,440	32%	5.4%	16.1%
Citi	9,553	5.8%	6.6%	19.2%	3,348	27%	14.7%	22.0%
Commerzbank	8,765	-3.5%	-2.8%	17.7%	1,721	-13.8%	-16.0%	11.3%
Unicredit	7,788	0.6%	9.2%	15.7%	2,204	19.8%	24%	14.5%
Vontobel	3,389	7.4%	-0.7%	6.8%	2,060	32%	29%	13.6%
ING	334	4.0%	-6.9%	0.7%	21	-19.2%	-8.7%	0.1%
<b>Total</b>	<b>49,640</b>	<b>2.9%</b>	<b>10.2%</b>	<b>100%</b>	<b>15,196</b>	<b>12.0%</b>	<b>12.6%</b>	<b>100%</b>

(Source Euronext)

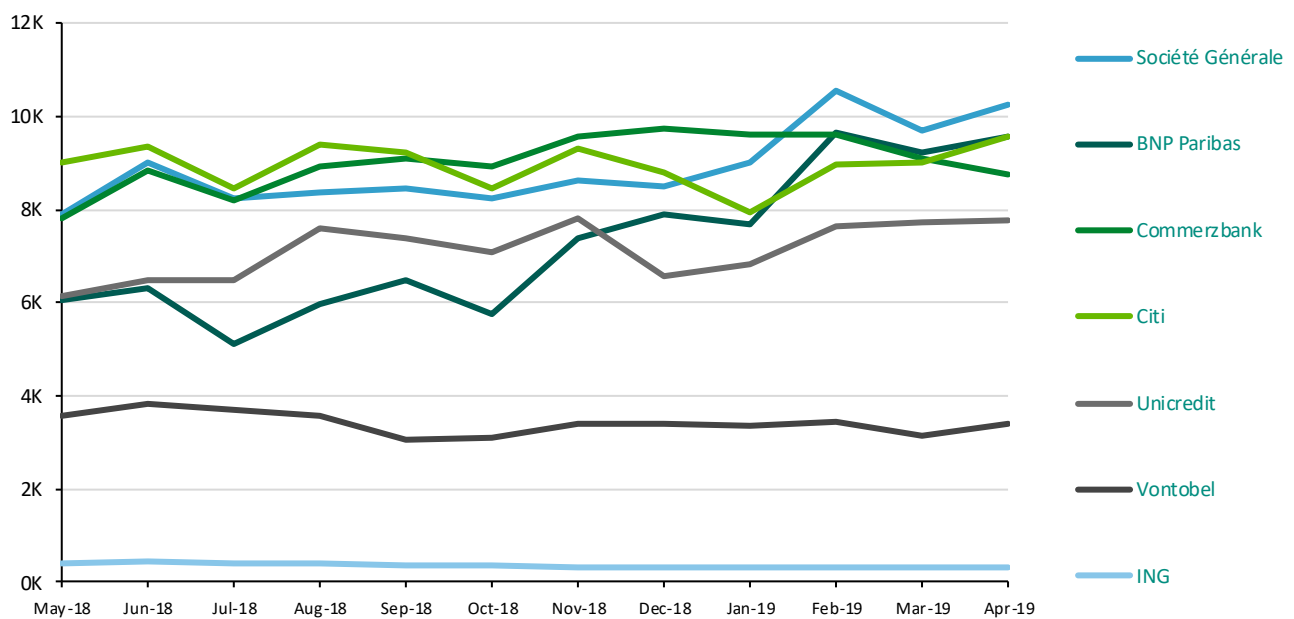




# ISSUERS

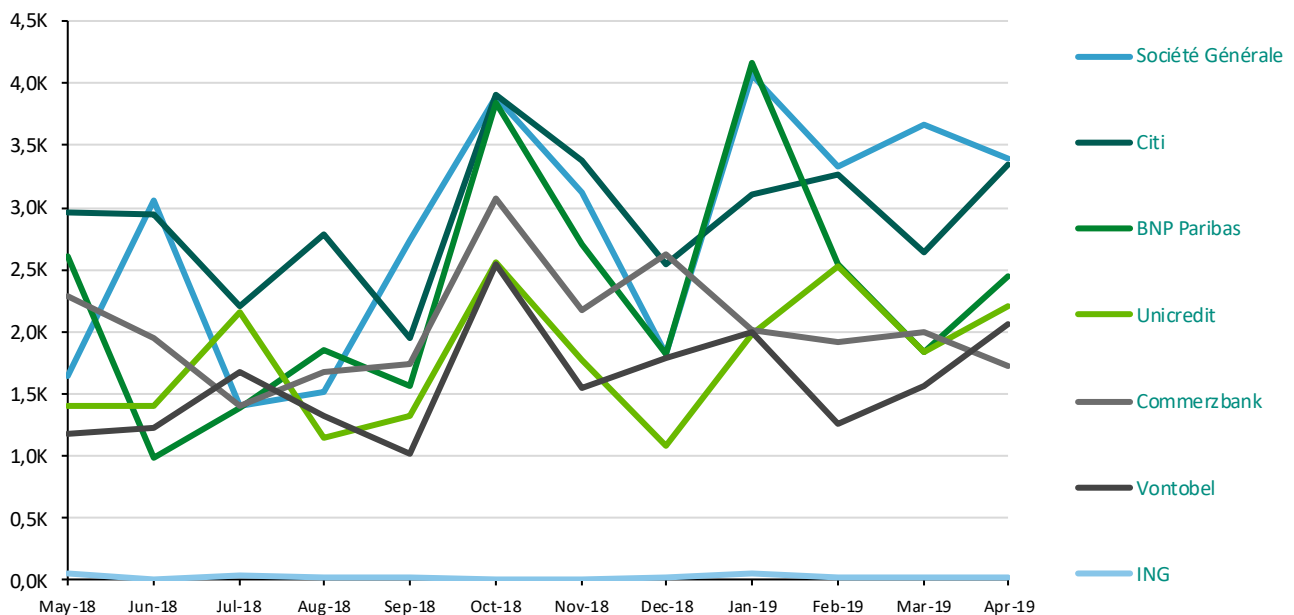
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

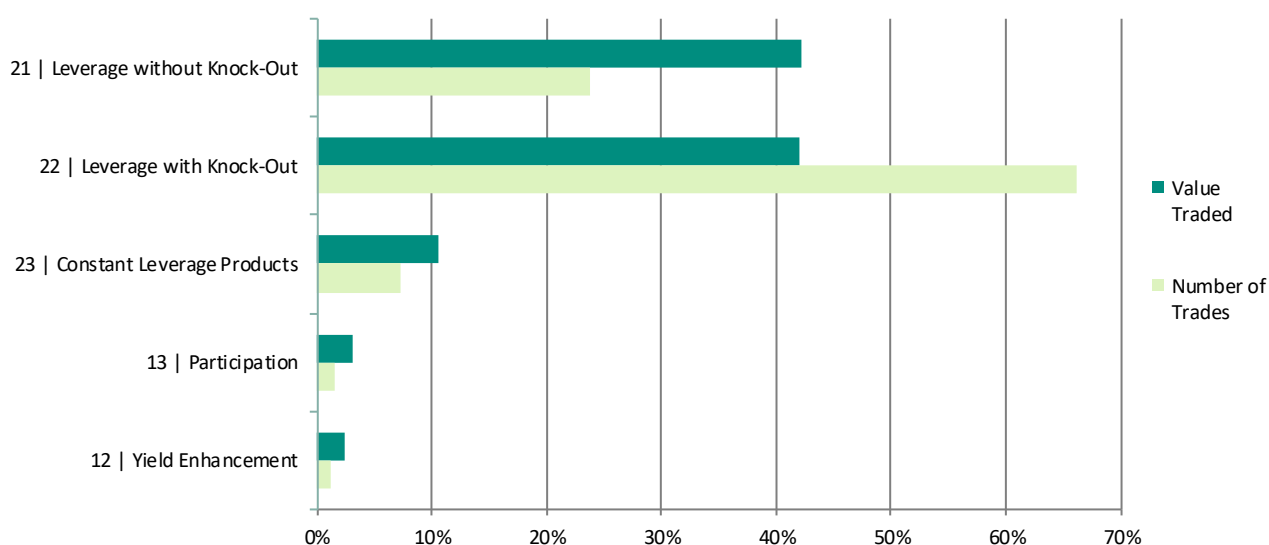
### Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
21   Leverage without Knock-Out	5,160	-28%	-21%	42.1%	953	-69.5%	-69.2%	23.8%
22   Leverage with Knock-Out	5,142	10.4%	38%	42.0%	2,652	160.9%	142.6%	66.2%
23   Constant Leverage Products	1,285	-13.8%	-28%	10.5%	289	-22.1%	-36.8%	7.2%
13   Participation	370	7.3%	-8.4%	3.0%	61	-1.9%	3.1%	1.5%
12   Yield Enhancement	293	45%	9.9%	2.4%	49	14.1%	-7.3%	1.2%
<b>Total</b>	<b>12,250</b>	<b>-11.5%</b>	<b>-4.0%</b>	<b>100%</b>	<b>4,003</b>	<b>-13.2%</b>	<b>-15.8%</b>	<b>100%</b>

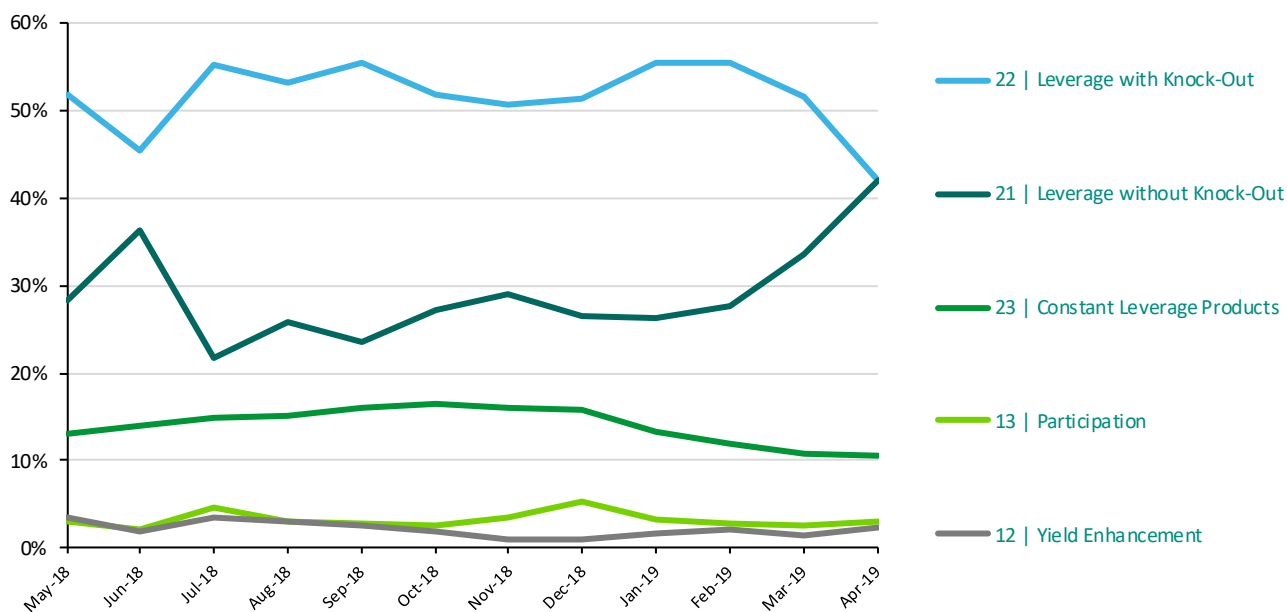
(Source Euronext)



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

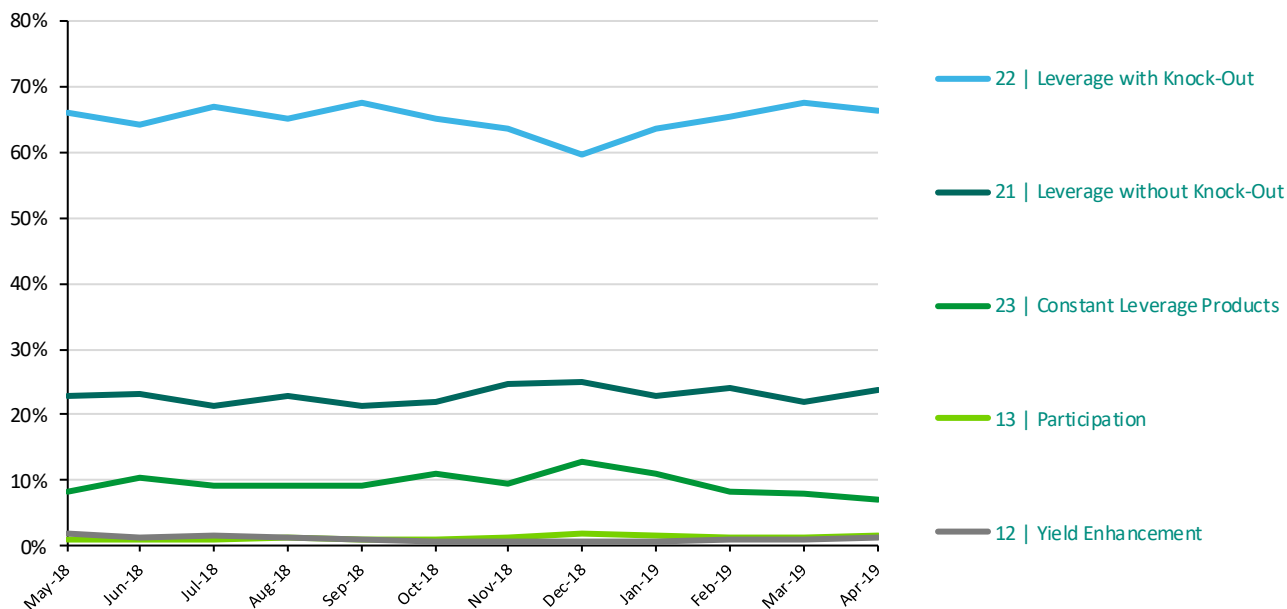
## Market Trend: Value traded

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

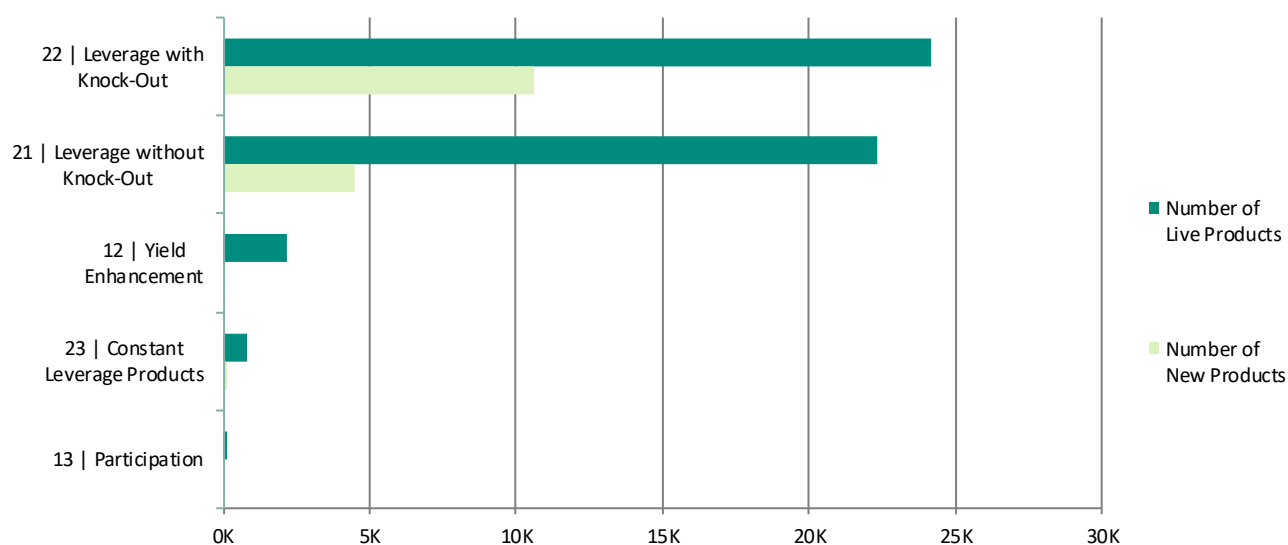
### Product Overview

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	24,162	1.1%	8.8%	48.7%	10,629	21%	14.7%	69.9%
21   Leverage without Knock-Out	22,361	4.6%	10.1%	45.0%	4,453	-0.8%	12.7%	29.3%
12   Yield Enhancement	2,160	5.6%	36%	4.4%	24	-91%	-90%	0.2%
23   Constant Leverage Products	823	1.0%	5.5%	1.7%	90		209%	0.6%
13   Participation	134	-2.0%	-9.7%	0.3%	0	-100%	-100%	0.0%
<b>Total</b>	<b>49,640</b>	<b>2.9%</b>	<b>10.2%</b>	<b>100%</b>	<b>15,196</b>	<b>12.0%</b>	<b>12.6%</b>	<b>100%</b>

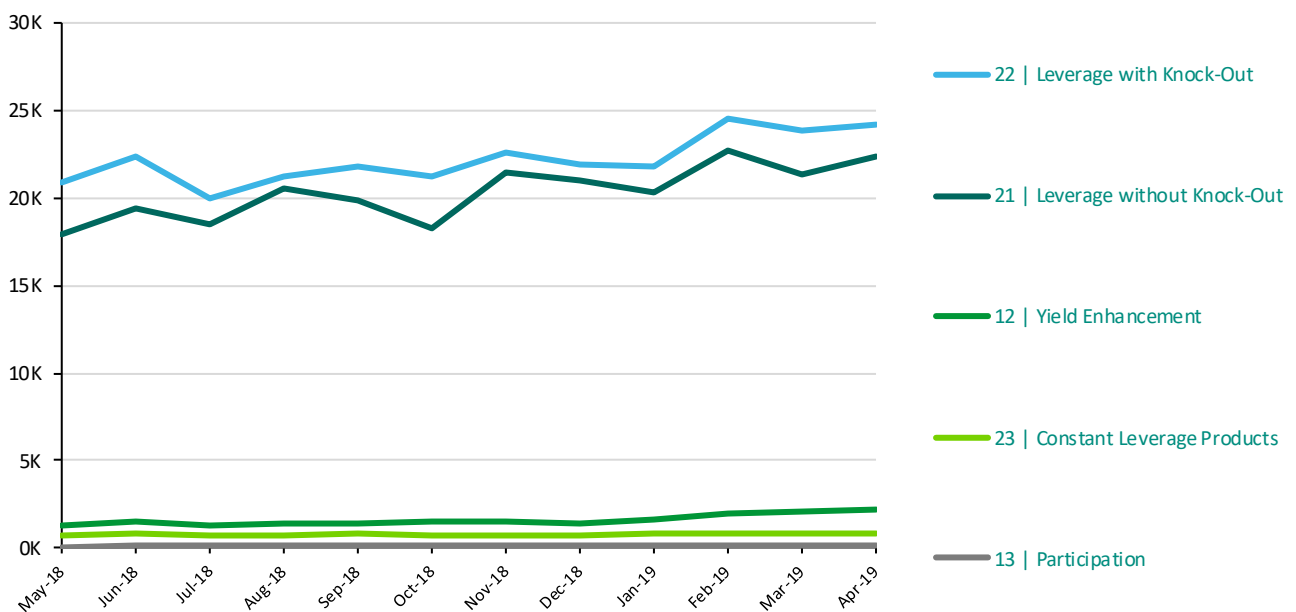
(Source Euronext)



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

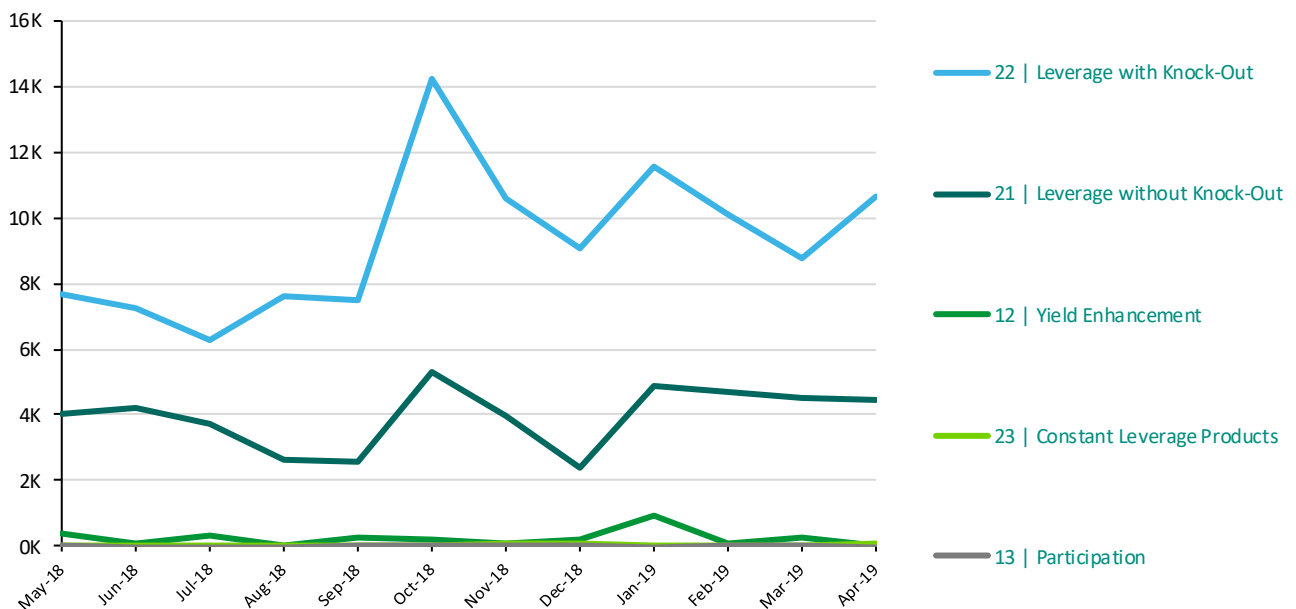
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

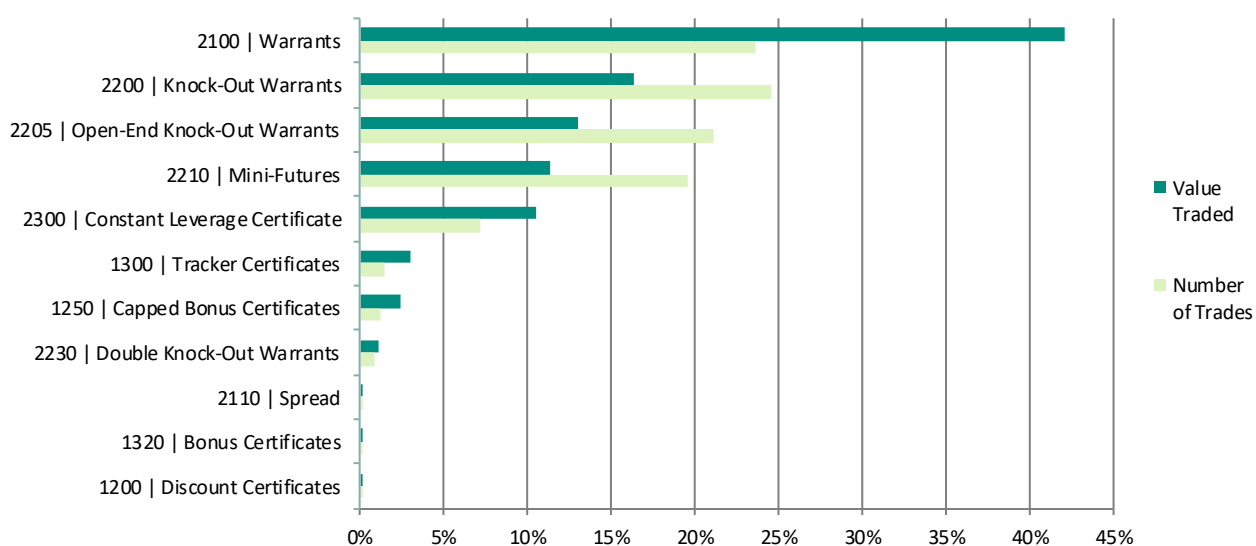
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2100   Warrants	5,156	10.8%	39%	42.1%	949	-6.2%	-12.4%	23.7%
2200   Knock-Out Warrants	2,004	-41%	-28%	16.4%	984	-15.6%	-21%	24.6%
2205   Open-End Knock-Out Warrants	1,604	-26%	-15.2%	13.1%	846	-22%	-12.8%	21.1%
2210   Mini-Futures	1,395	-6.3%	-23%	11.4%	787	112%	-8.5%	19.7%
2300   Constant Leverage Certificate	1,285	-12.9%	-28%	10.5%	289	-65%	-37%	7.2%
1300   Tracker Certificates	369	7.2%	-8.2%	3.0%	61	-1.9%	3.4%	1.5%
1250   Capped Bonus Certificates	293	44%	10.2%	2.4%	48	13.4%	-7.2%	1.2%
2230   Double Knock-Out Warrants	139	13.2%	84%	1.1%	35	-11.8%	63%	0.9%
2110   Spread	4	-12.2%	-84%	0.0%	3.8	-18.0%	-61%	0.1%
1320   Bonus Certificates	1	66%	-52%	0.0%	0.2	5.0%	-38%	0.0%
1200   Discount Certificates	1	NA	-39%	0.0%	0.4	635%	-15.0%	0.0%
<b>Total</b>	<b>12,250</b>	<b>-11.5%</b>	<b>-4.0%</b>	<b>100%</b>	<b>4,003</b>	<b>-13.2%</b>	<b>-15.8%</b>	<b>100%</b>

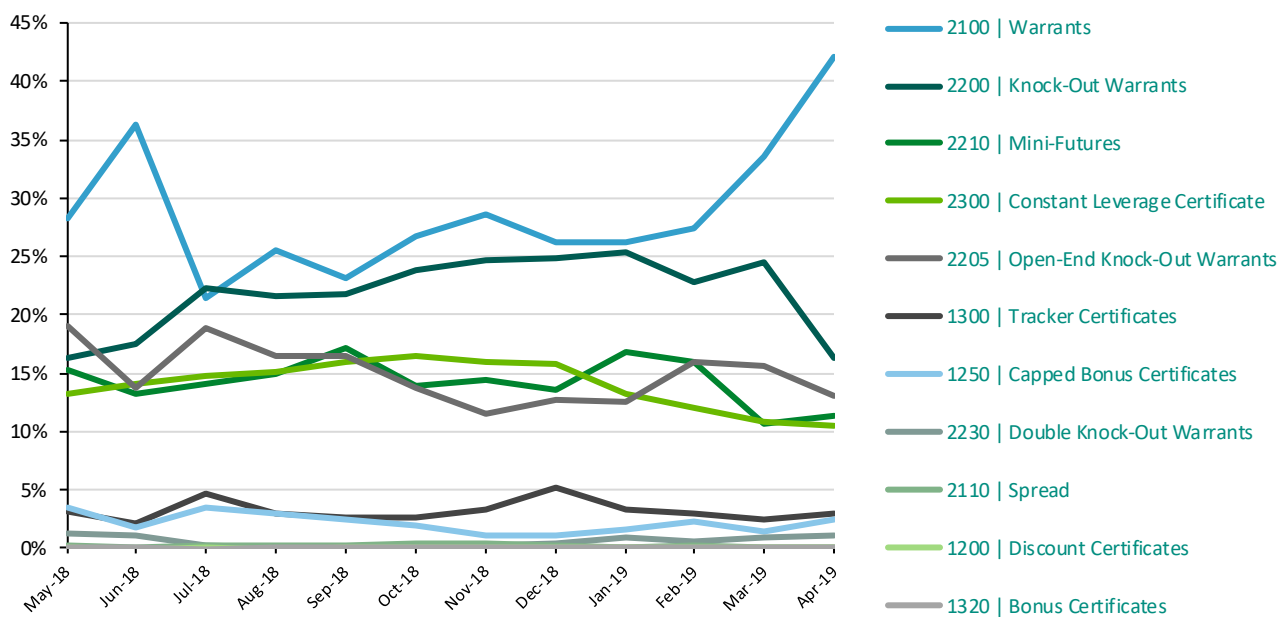
(Source Euronext)



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

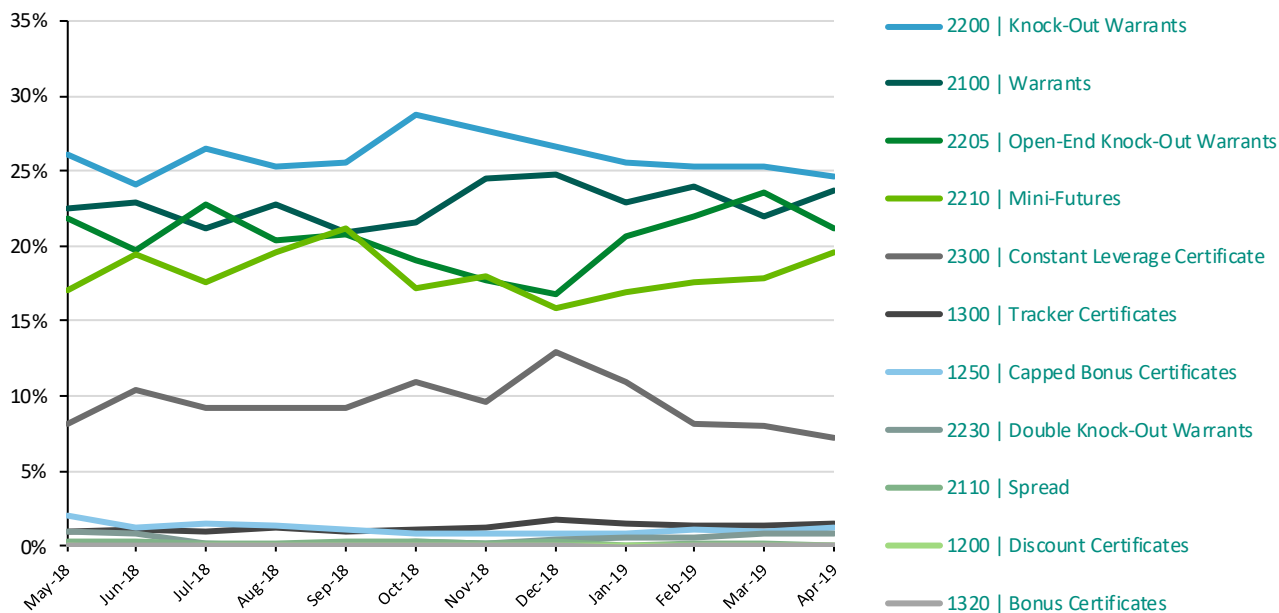
## Market Trend: Value traded

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

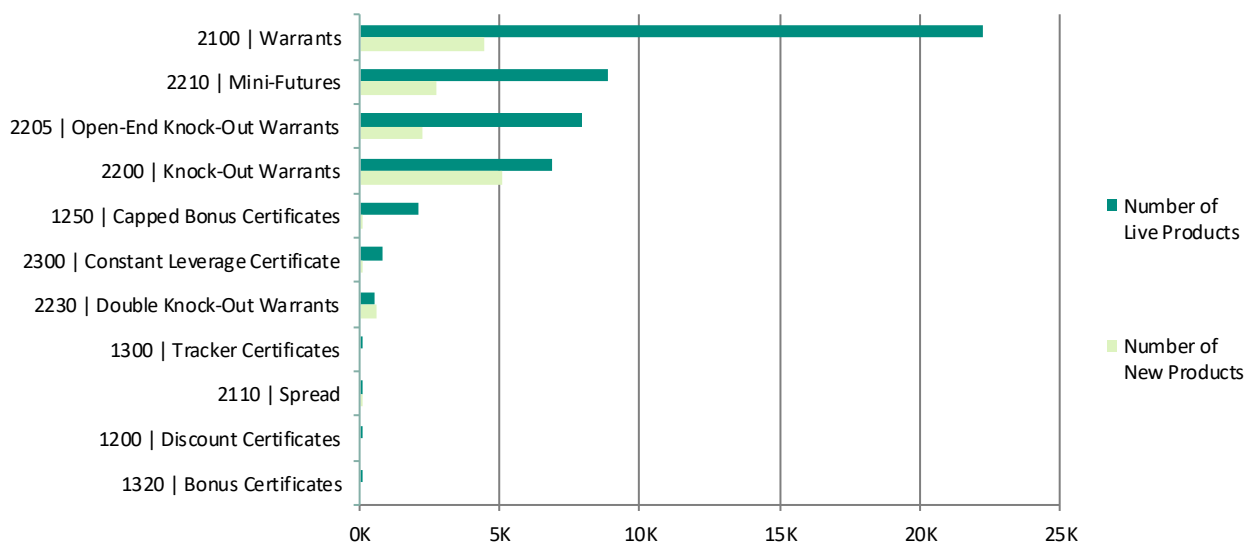
## Product Overview

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	22,271	4.7%	10.2%	44.9%	4,448	-0.9%	13.1%	29.3%
2210   Mini-Futures	8,845	4.2%	10.5%	17.8%	2,724	14.1%	36%	17.9%
2205   Open-End Knock-Out Warrants	7,923	1.8%	5.1%	16.0%	2,213	11.0%	0.1%	14.6%
2200   Knock-Out Warrants	6,884	-4.2%	8.2%	13.9%	5,081	17.3%	3.3%	33.4%
1250   Capped Bonus Certificates	2,083	5.6%	37%	4.2%	24	-90%	-89%	0.2%
2300   Constant Leverage Certificate	823	1.0%	5.5%	1.7%	90		209%	0.6%
2230   Double Knock-Out Warrants	509	17.8%	67%	1.0%	611	654%	345%	4.0%
1300   Tracker Certificates	96	-0.7%	-0.9%	0.2%	0	-100%	-100%	0.0%
2110   Spread	90	-11.4%	-11.8%	0.2%	5	25%	-68%	0.0%
1200   Discount Certificates	77	5.3%	20%	0.2%	0	-100%	-100%	0.0%
1320   Bonus Certificates	38	-5.1%	-26%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>49,640</b>	<b>2.9%</b>	<b>10.2%</b>	<b>100%</b>	<b>15,196</b>	<b>12.0%</b>	<b>12.6%</b>	<b>100%</b>

(Source Euronext)

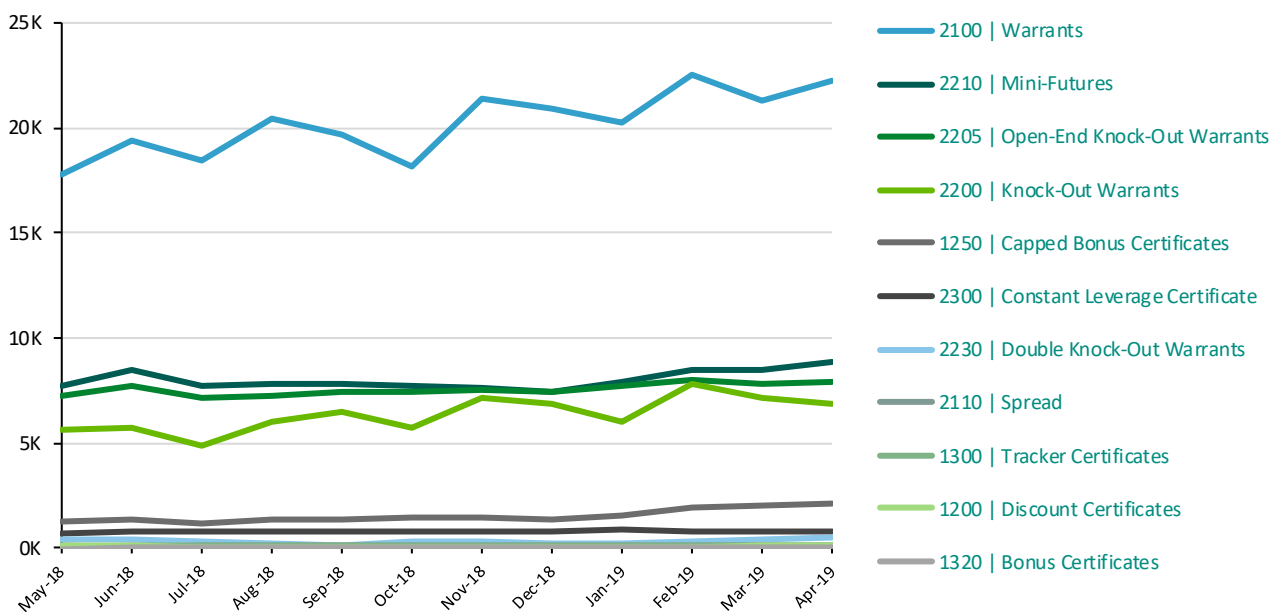




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

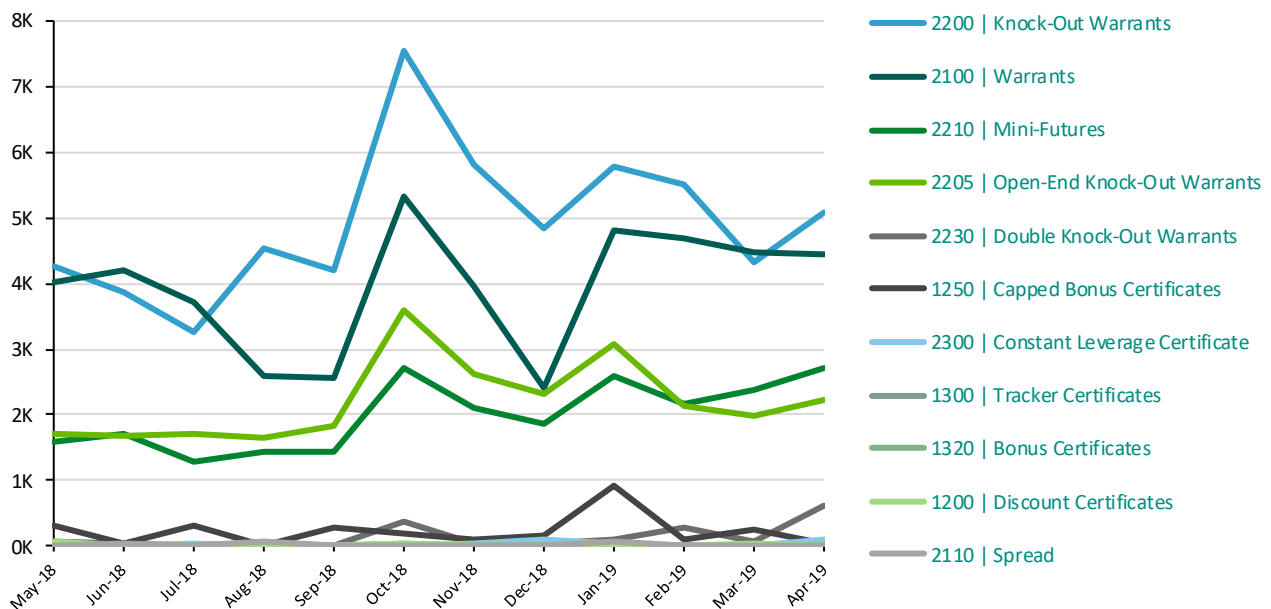
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

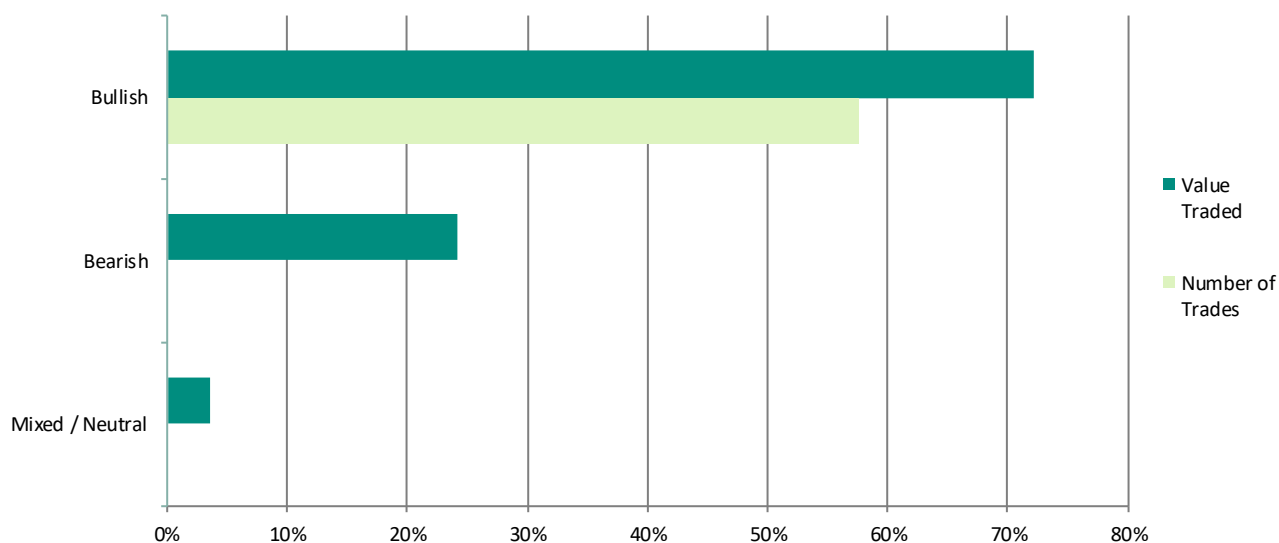
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	8,846	2.2%	5.7%	72.2%	2,302	-10.1%	-22.0%	57.5%
Bearish	2,967	-39%	-26%	24.2%	0.0	-100%	-100%	0.0%
Mixed / Neutral	437	32%	18.0%	3.6%	0.0	-100%	-100%	0.0%
Total	12,250	-11.5%	-4.0%	100%	4,003	-13.2%	-15.8%	100%

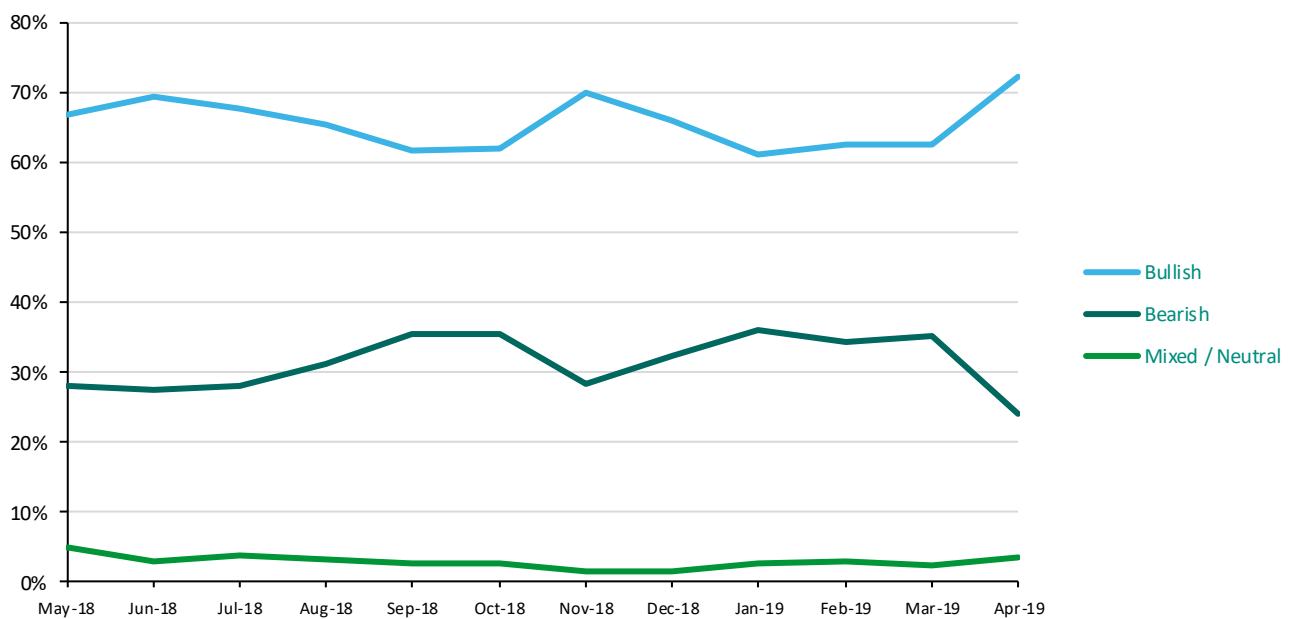
(Source Euronext)



# PRODUCT STRATEGIES

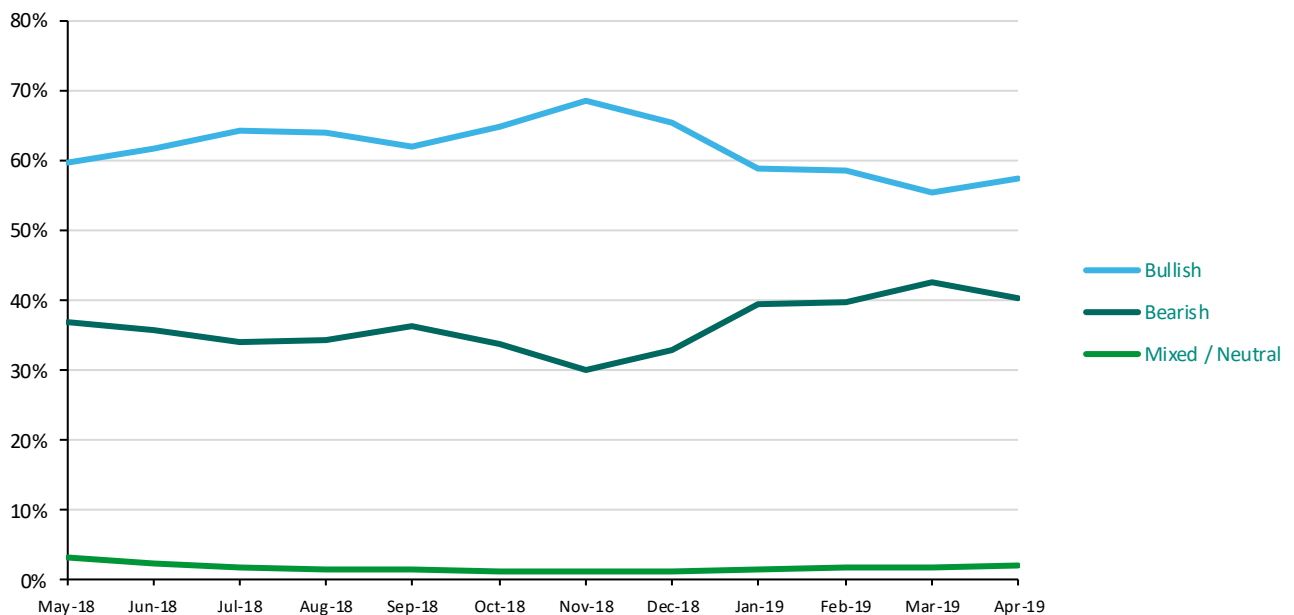
## Market Trend: Value traded

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

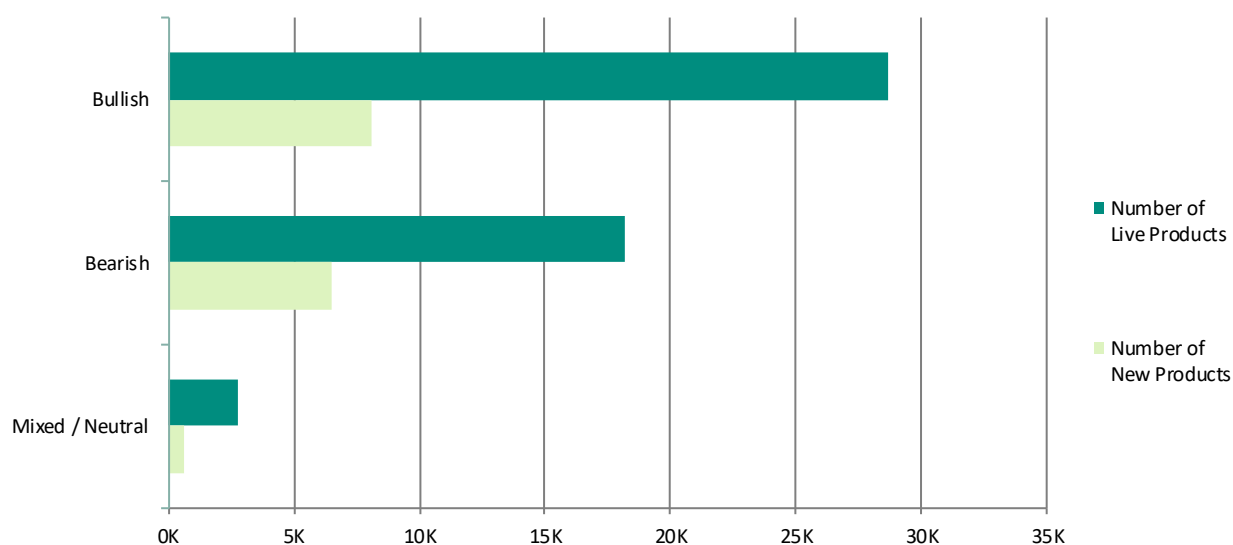
## Product Overview

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	28,689	3.8%	16.8%	57.8%	8,052	23%	13.4%	53.0%
Bearish	18,193	0.8%	-1.6%	36.6%	6,504	-1.9%	8.4%	42.8%
Mixed / Neutral	2,759	7.0%	38%	5.6%	640	76%	65%	4.2%
<b>Total</b>	<b>49,640</b>	<b>2.9%</b>	<b>10.2%</b>	<b>100%</b>	<b>15,196</b>	<b>12.0%</b>	<b>12.6%</b>	<b>100%</b>

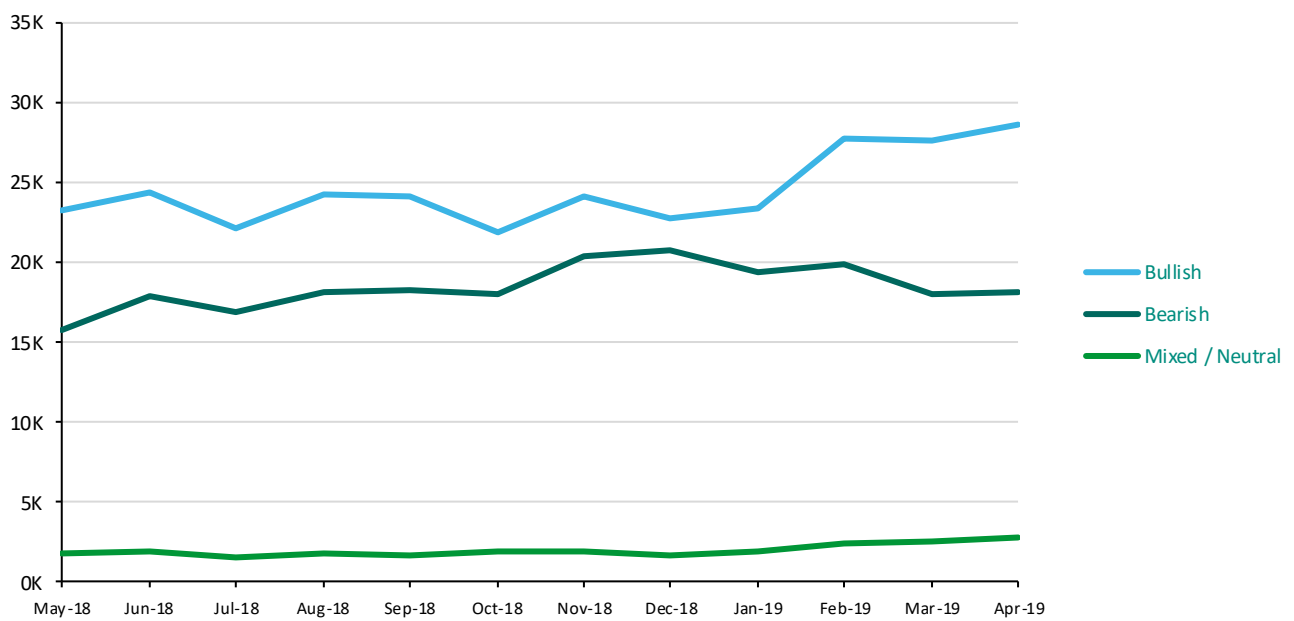
(Source Euronext)



# PRODUCT STRATEGIES

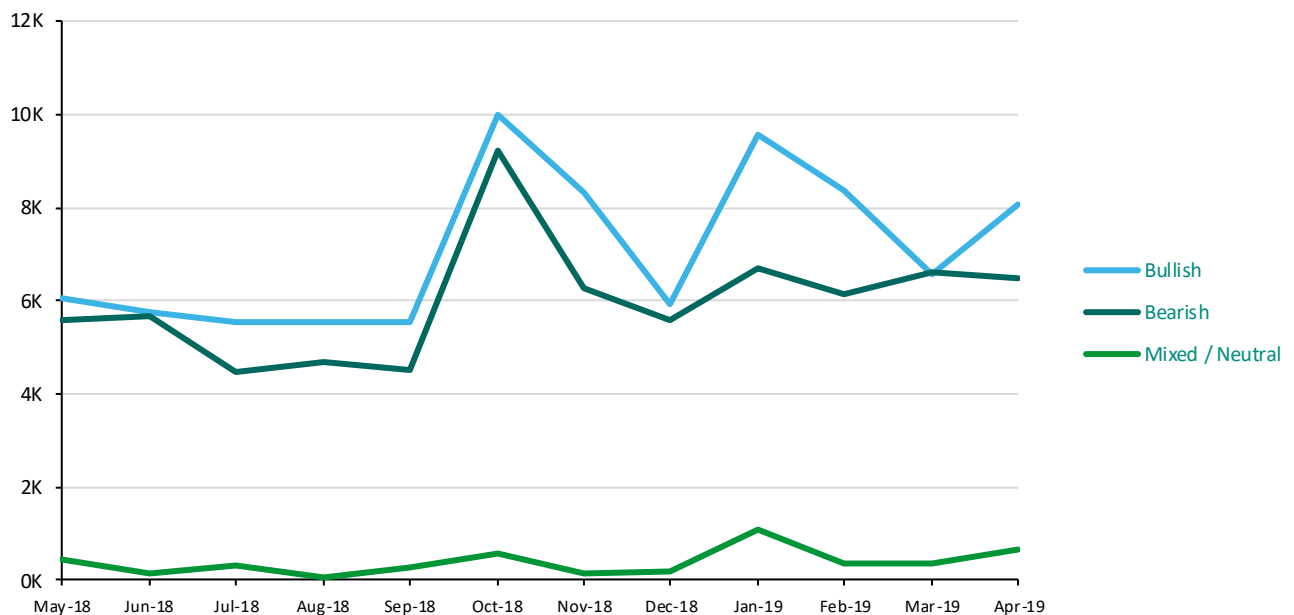
## Product Trend: Number of Live Products

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

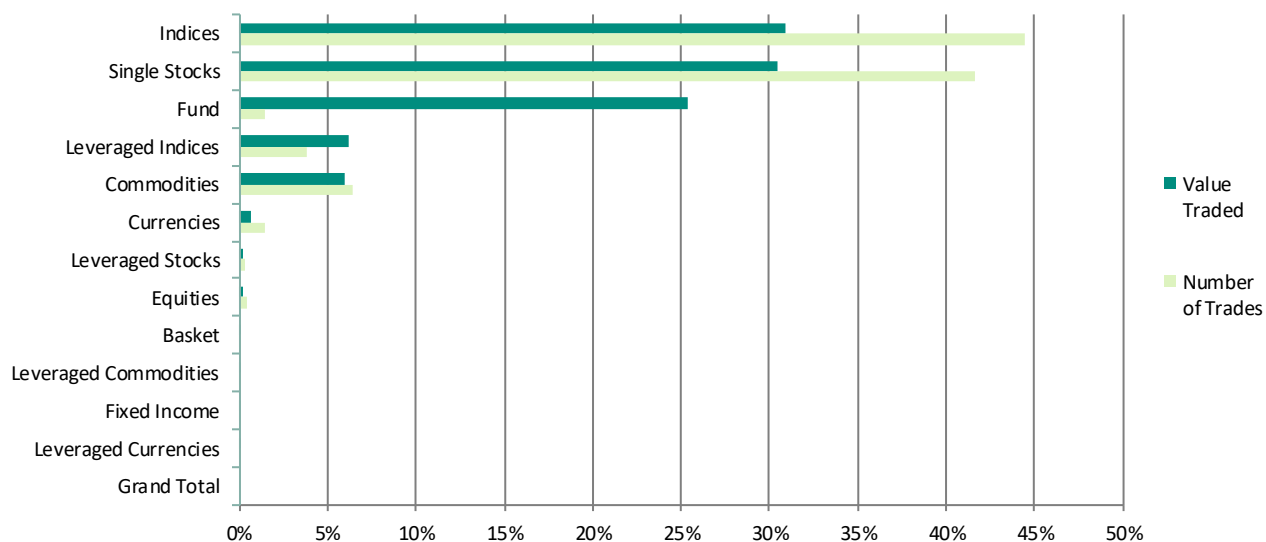
## Market Overview

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	3,791	-36%	-34%	30.9%	1,781	-21.8%	-20.7%	44.5%
Single Stocks	3,724	5.9%	-6.7%	30.4%	1,666	-2.5%	-8.3%	41.6%
Fund	3,105	18.4%	190%	25.3%	59	105.0%	313.0%	1.5%
Leveraged Indices	764	-15.2%	-28%	6.2%	152	-26.0%	-38.4%	3.8%
Commodities	728	7.5%	5.1%	5.9%	254	-8.8%	-16.4%	6.4%
Currencies	78	-31%	-36%	0.6%	56	-22.4%	-27.4%	1.4%
Leveraged Stocks	28	0.6%	8.9%	0.2%	11	-48.9%	-7.3%	0.3%
Equities	19	46%	6.3%	0.2%	17	177.6%	14.1%	0.4%
Basket	6	-57%	-62%	0.0%	1.0	-89.3%	-89.0%	0.0%
Leveraged Commodities	5	-30%	-65%	0.0%	3.5	219.6%	-67.5%	0.1%
Fixed Income	1	-68%	-55%	0.0%	1.7	-65.0%	228.7%	0.0%
Leveraged Currencies	0	-79%	-90%	0.0%	0.1	-73.8%	-78.0%	0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Total	12,250	-11.5%	-4.0%	100%	4,003	-13.2%	-15.8%	100%

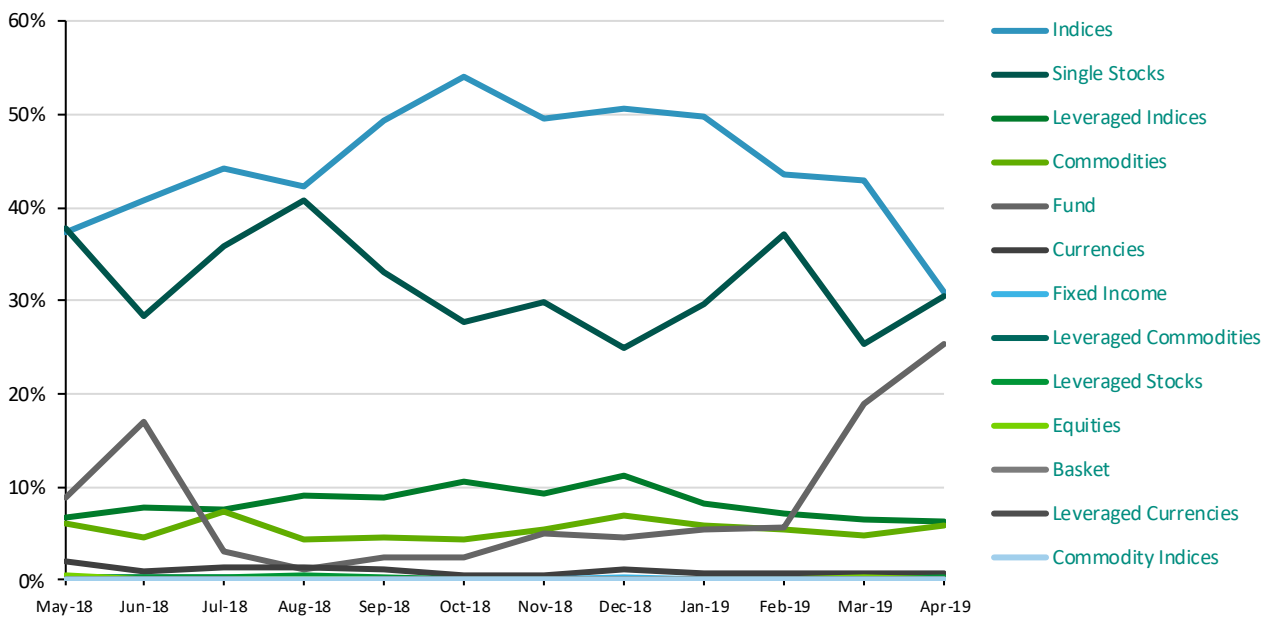
(Source Euronext)



# UNDERLYING TYPES

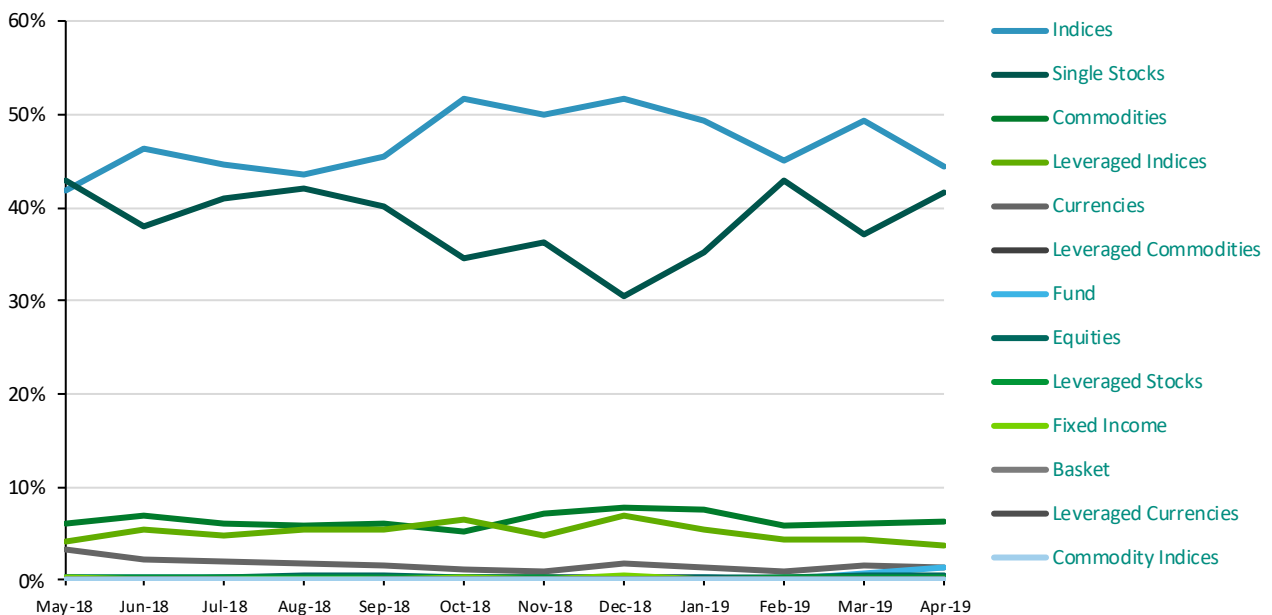
## Market Trend: Value traded

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

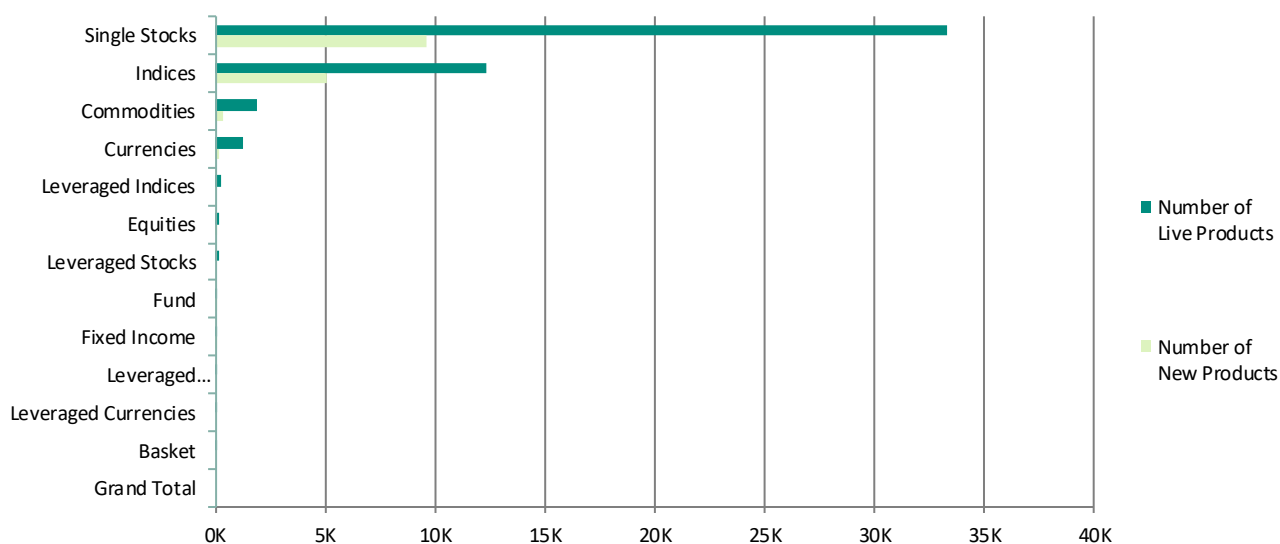
### Product Overview

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	33,347	3.1%	10.1%	67.2%	9,623	31%	23%	63.3%
Indices	12,323	3.2%	11.0%	24.8%	5,021	-7.0%	-0.1%	33.0%
Commodities	1,878	1.5%	11.5%	3.8%	350	-12.9%	-9.9%	2.3%
Currencies	1,294	-1.9%	9.0%	2.6%	145	-60%	-24%	1.0%
Leveraged Indices	253	-3.9%	-5.8%	0.5%	0		-100%	0.0%
Equities	182	4.7%	17.0%	0.4%	53	43%	11.8%	0.3%
Leveraged Stocks	160	-1.8%	39%	0.3%	0		-100%	0.0%
Fund	86	3.0%	14.6%	0.2%	2	100%	14.3%	0.0%
Fixed Income	59	-7.0%	-19.6%	0.1%	2	-89%	-29%	0.0%
Leveraged Commodities	47	-6.4%	-34%	0.1%	0		-100%	0.0%
Leveraged Currencies	8	0.0%	-0.8%	0.0%	0			0.0%
Basket	4	0.4%	-9.8%	0.0%	0			0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Total	49,640	2.9%	10.2%	100%	15,196	12.0%	12.6%	100%

(Source Euronext)

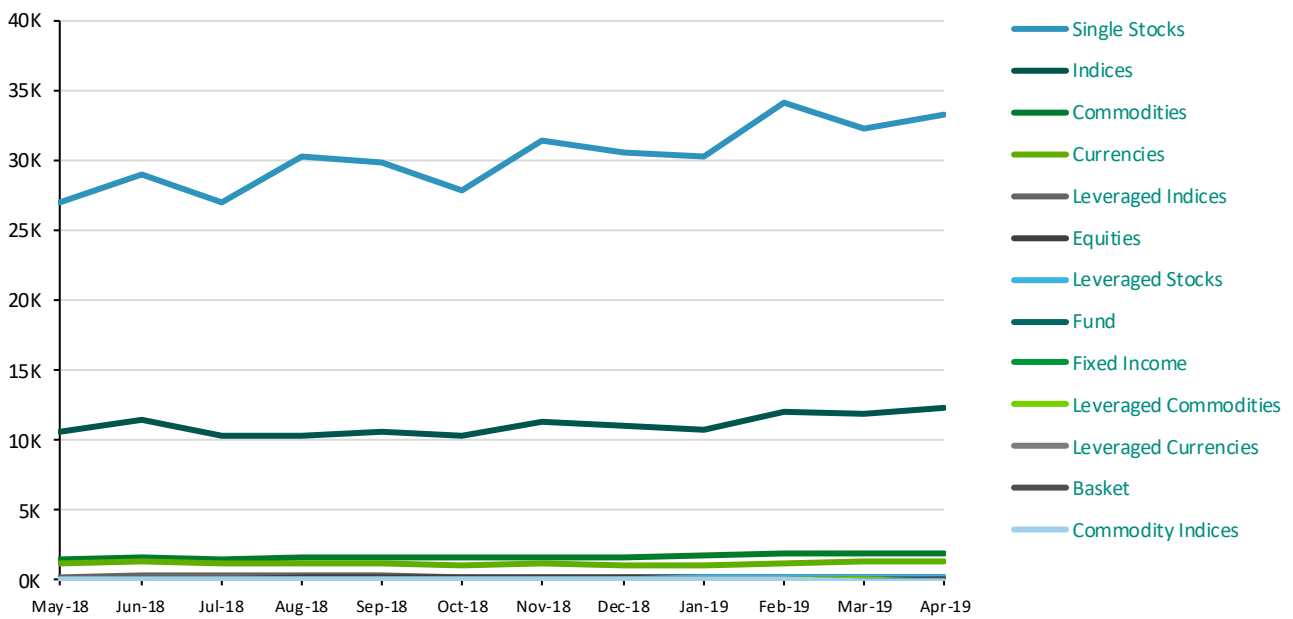




# UNDERLYING TYPES

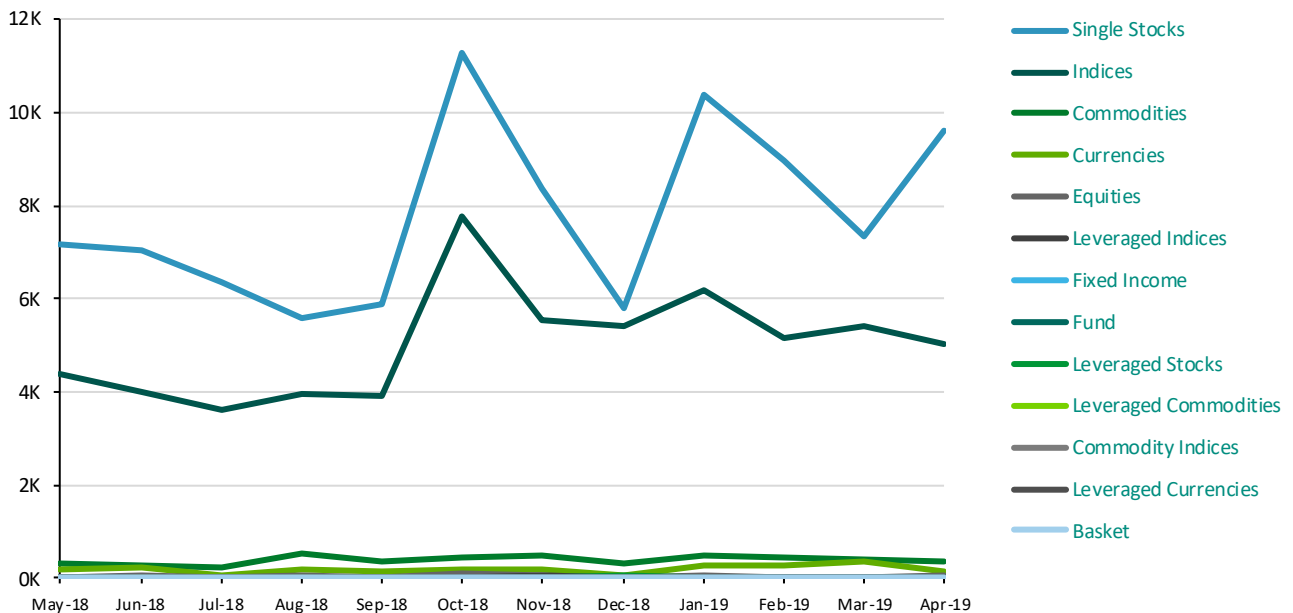
## Product Trend: Number of Live Products

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

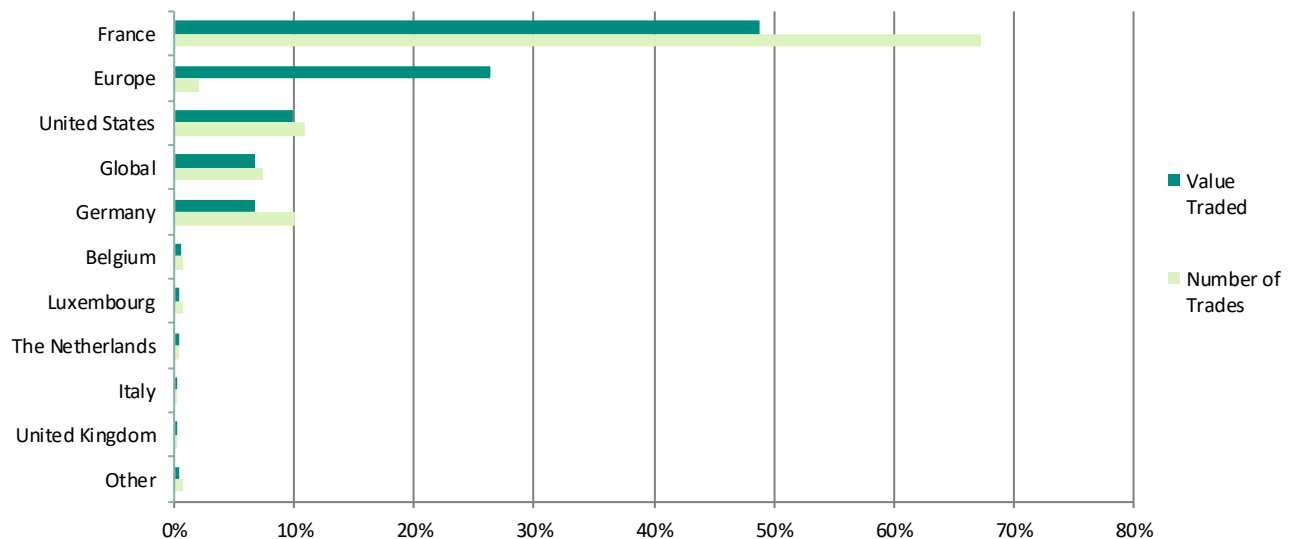
## Market Overview

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	5,975	-11.4%	-26%	48.8%	2,692	-15.0%	-19.8%	67.2%
Europe	3,235	21%	105%	26.4%	83	15.3%	-84%	2.1%
United States	1,196	-43%	5.6%	9.8%	435	-16.8%	NA	10.9%
Global	817	-33%	-15.2%	6.7%	291	-31%	-27%	7.3%
Germany	813	9.1%	7.9%	6.6%	403	31%	18.5%	10.1%
Belgium	53	-75%	-17.1%	0.4%	26	15.3%	-26%	0.6%
Luxembourg	47	-4.6%	8.1%	0.4%	27	-33%	128%	0.7%
The Netherlands	38	-21%	2.5%	0.3%	12	-53%	-36%	0.3%
Italy	26	37%	-16.9%	0.2%	3.8	-61%	-58%	0.1%
United Kingdom	11	-21%	-48%	0.1%	6.8	6.6%	-39%	0.2%
Other	38	49%	14.0%	0.3%	25	19.9%		0.6%
<b>Total</b>	<b>12,250</b>	<b>-11.5%</b>	<b>-4.0%</b>	<b>100%</b>	<b>4,003</b>	<b>-13.2%</b>	<b>-15.8%</b>	<b>100%</b>

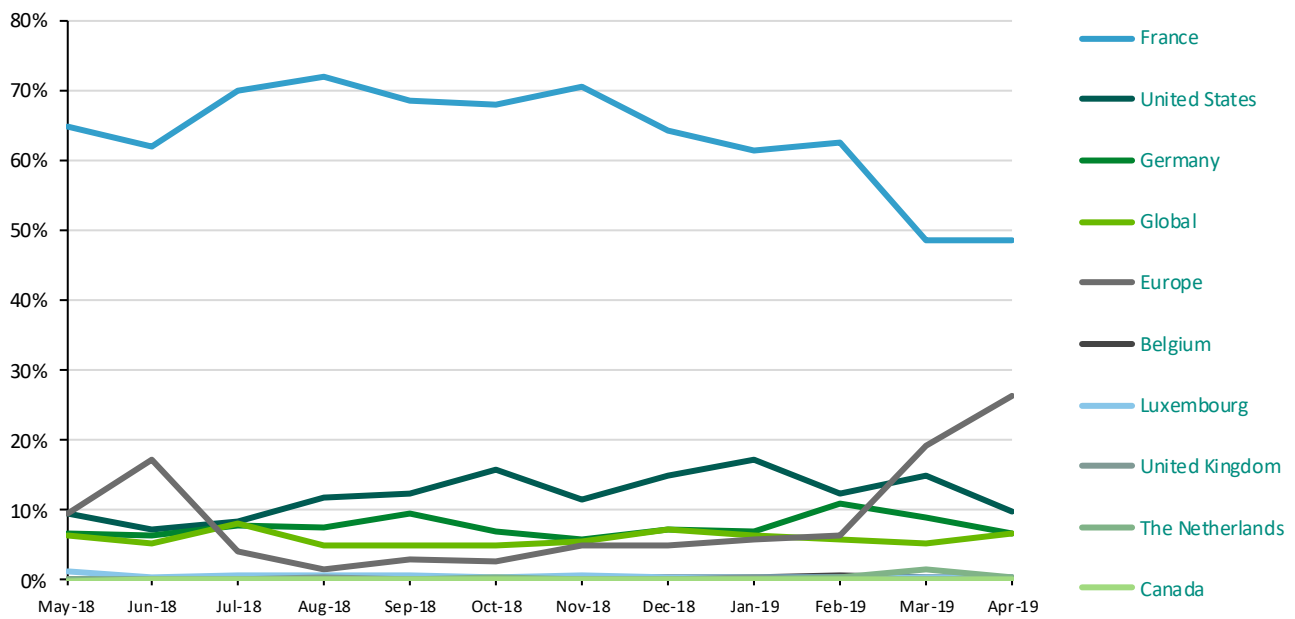
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

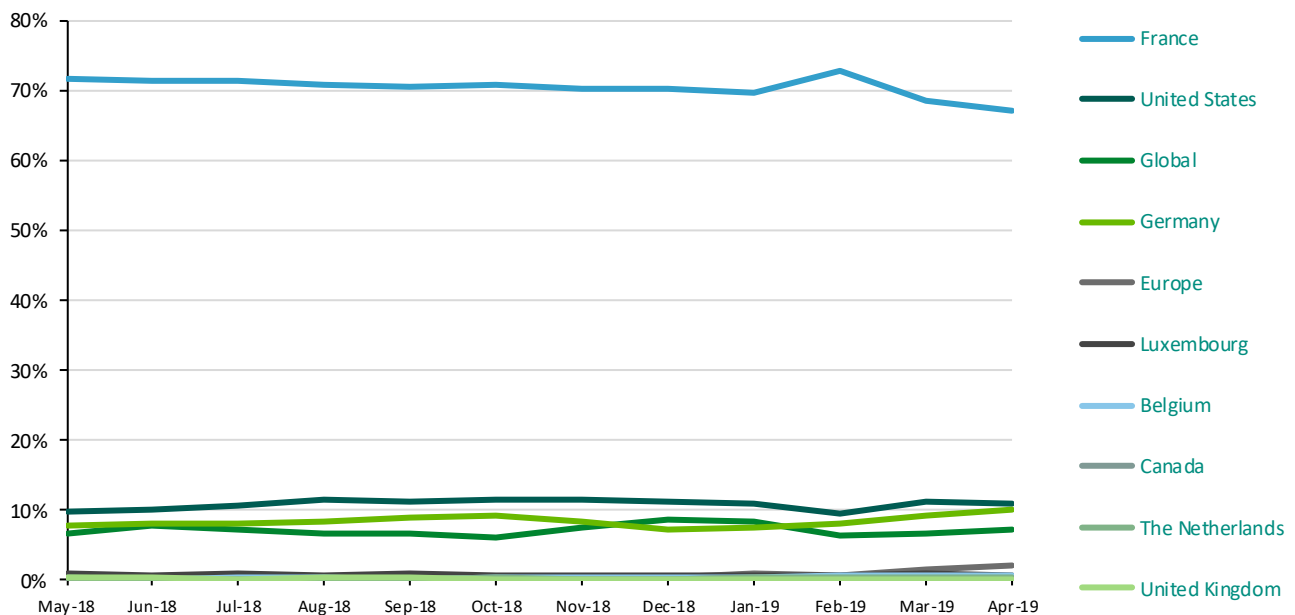
## Market Trend: Value traded

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

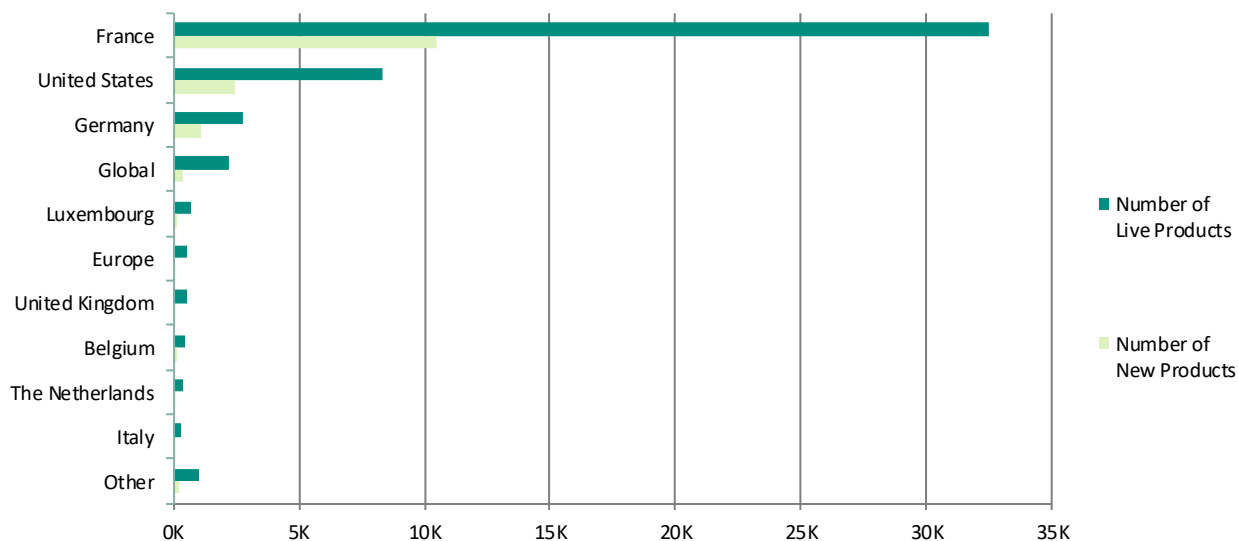
## Product Overview

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	32,463	1.9%	8.9%	65.4%	10,509	25%	15.3%	69.2%
United States	8,345	9.2%	25%	16.8%	2,440	-18.4%	13.4%	16.1%
Germany	2,789	1.0%	-2.8%	5.6%	1,075	9.8%	7.3%	7.1%
Global	2,203	1.9%	12.1%	4.4%	400	-13.2%	-4.6%	2.6%
Luxembourg	670	-7.1%	-19.6%	1.3%	177	29%	-17.3%	1.2%
Europe	574	-1.7%	0.0%	1.2%	53	-54%	-52%	0.3%
United Kingdom	522	3.1%	29%	1.1%	58	-59%	-31%	0.4%
Belgium	472	9.7%	34%	1.0%	159	83%	75%	1.0%
The Netherlands	343	3.3%	24%	0.7%	91	49%	22%	0.6%
Italy	267	-7.6%	-28%	0.5%	16	-47%	-68%	0.1%
Other	992	1.1%	9.2%	2.0%	218	36%	23%	1.4%
<b>Total</b>	<b>49,640</b>	<b>2.9%</b>	<b>10.2%</b>	<b>100%</b>	<b>15,196</b>	<b>12.0%</b>	<b>12.6%</b>	<b>100%</b>

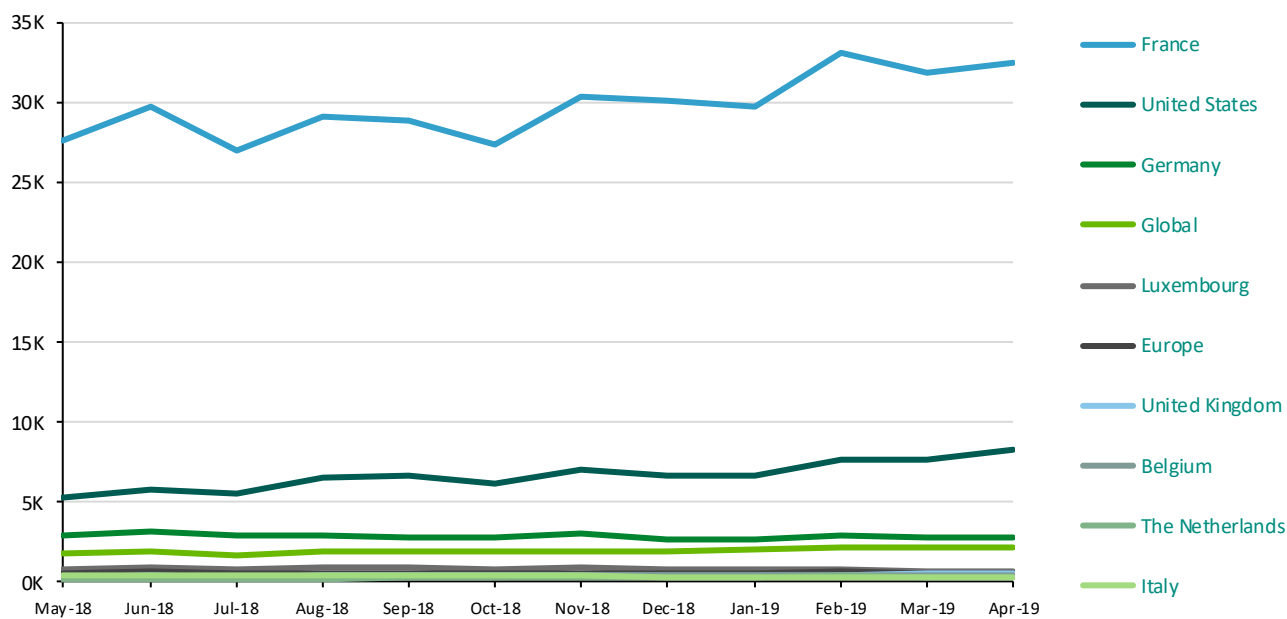
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

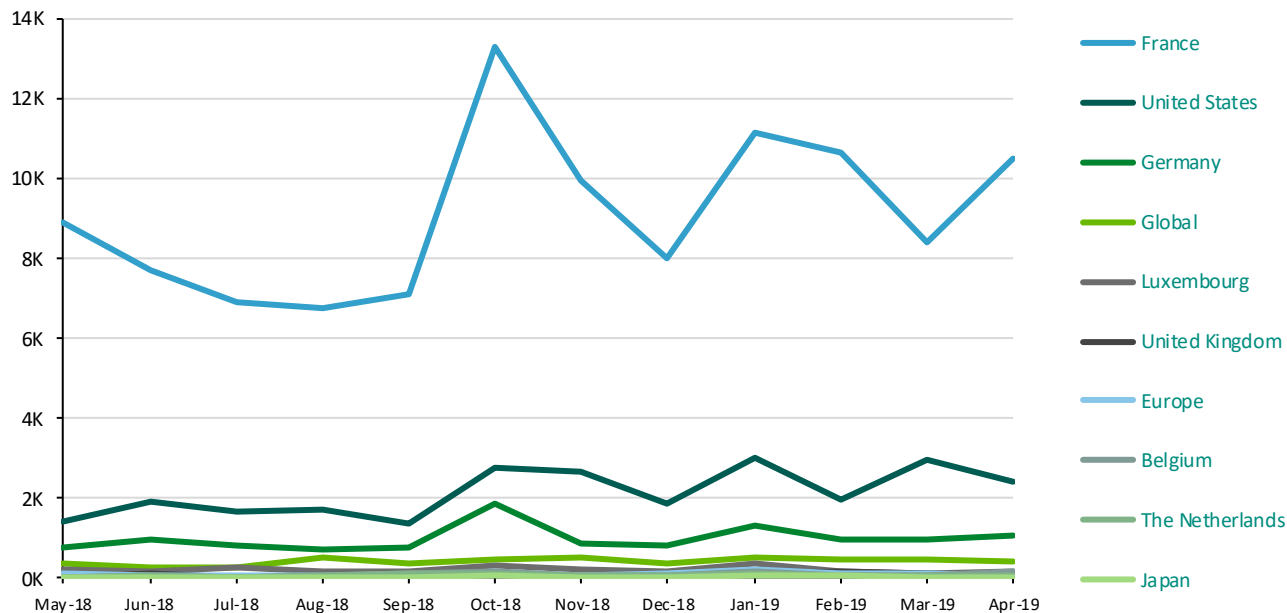
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

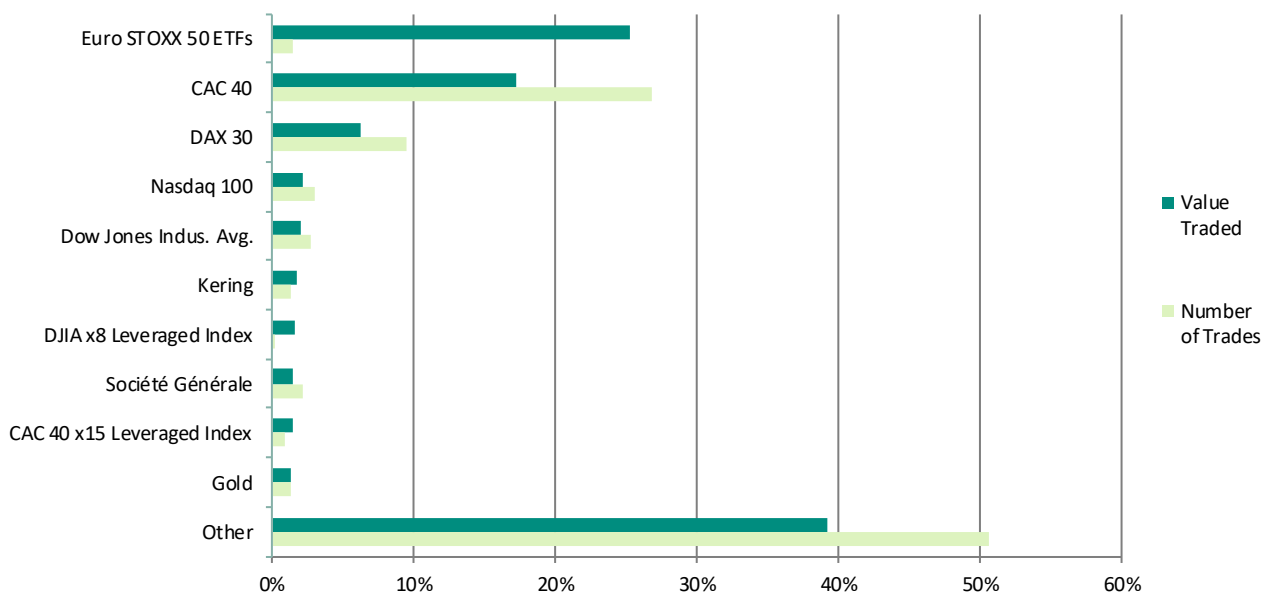
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Euro STOXX 50 ETFs	3,099	6.4%	-13.1%	25.3%	58	-96.0%	-96.1%	1.5%
CAC 40	2,117	-19.2%	98%	17.3%	1,075	NA	NA	26.9%
DAX 30	766	-33%	-13.9%	6.3%	379	-1.4%	4.3%	9.5%
Nasdaq 100	264	-62%	-43%	2.2%	123	-8.6%	-11.7%	3.1%
Dow Jones Indus. Avg.	257	-62%	-31%	2.1%	109	-36%	-15.1%	2.7%
Kering	212	-10.7%	-28%	1.7%	51	-39%	-25%	1.3%
DJIA x8 Leveraged Index	199	-15.1%	-6.3%	1.6%	1.2	-98%	-99%	0.0%
Société Générale	188	-12.2%	-9.5%	1.5%	85	-6.3%	59%	2.1%
CAC 40 x15 Leveraged Index	176	-17.1%	-11.0%	1.4%	39	-23%	-46%	1.0%
Gold	166	-13.9%	-11.0%	1.4%	54	310%	-22%	1.4%
Other	4,807	2.3%	-9.3%	39.2%	2,028			50.7%
<b>Total</b>	<b>12,250</b>	<b>-11.5%</b>	<b>-4.0%</b>	<b>100%</b>	<b>4,003</b>	<b>-13.2%</b>	<b>-15.8%</b>	<b>100%</b>

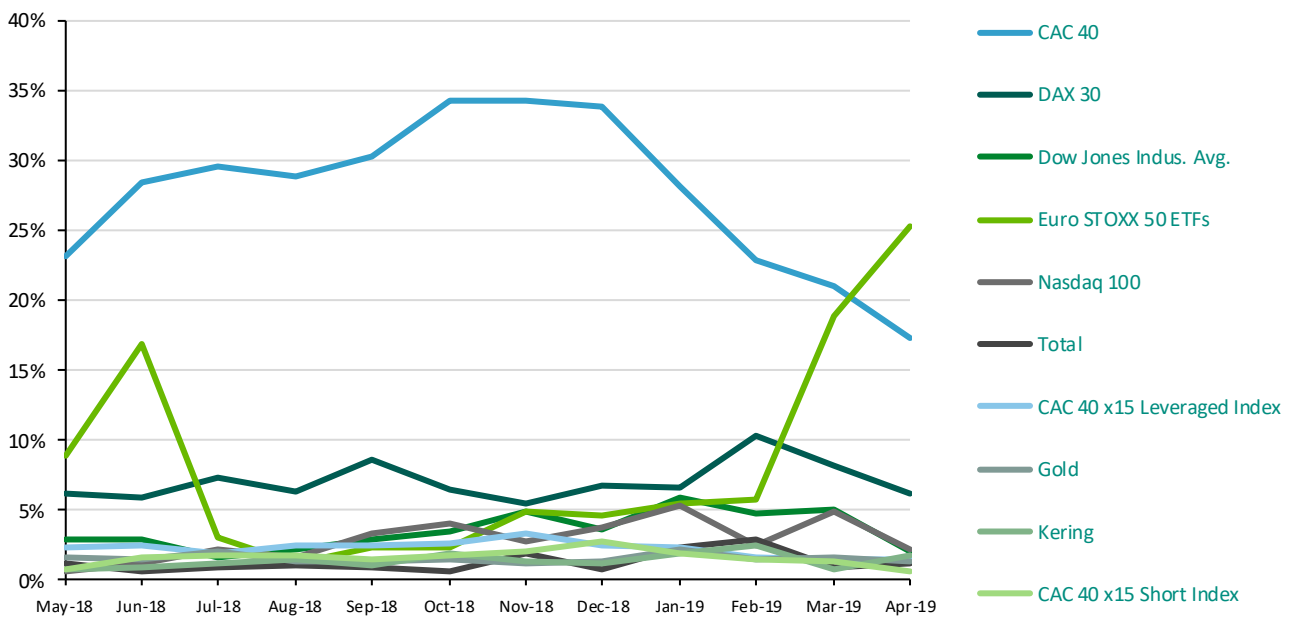
(Source Euronext)



# TOP 10 UNDERLYINGS

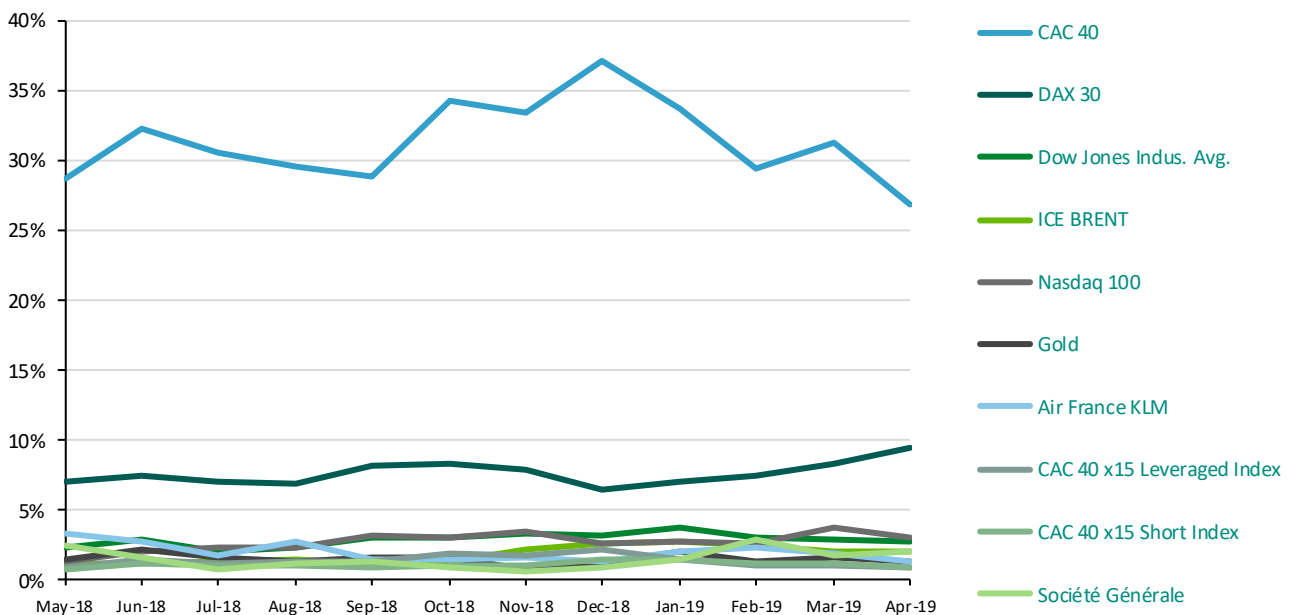
## Market Trend: Value traded

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

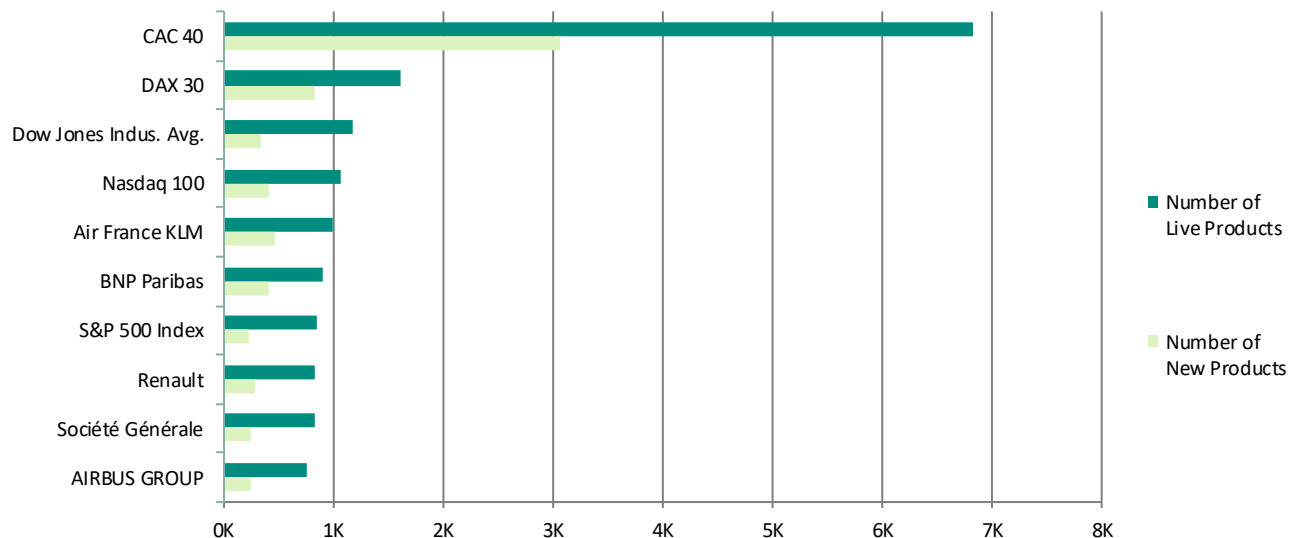
## Product Overview

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	6,826	2.7%	12.0%	13.8%	3,067	-9.2%	-2.4%	20.2%
DAX 30	1,608	0.7%	-5.7%	3.2%	836	19.1%	12.4%	5.5%
Dow Jones Indus. Avg.	1,183	3.0%	20%	2.4%	347	-26%	-17.5%	2.3%
Nasdaq 100	1,069	10.1%	29%	2.2%	417	-8.8%	15.4%	2.7%
Air France KLM	997	4.3%	12.2%	2.0%	463	89%	35%	3.0%
BNP Paribas	907	1.2%	1.9%	1.8%	419	83%	69%	2.8%
S&P 500 Index	845	5.4%	17.2%	1.7%	223	-13.2%	2.7%	1.5%
Renault	828	2.8%	-3.3%	1.7%	291	88%	13.7%	1.9%
Société Générale	823	-0.4%	-5.7%	1.7%	248	78%	9.9%	1.6%
AIRBUS GROUP	766	2.3%	10.8%	1.5%	250	28%	18.2%	1.6%
Other	33,787	2.8%	10.8%	68.1%	8,635	17.7%	17.9%	56.8%
Total	49,640	2.9%	10.2%	100%	15,196	12.0%	12.6%	100%

(Source Euronext)

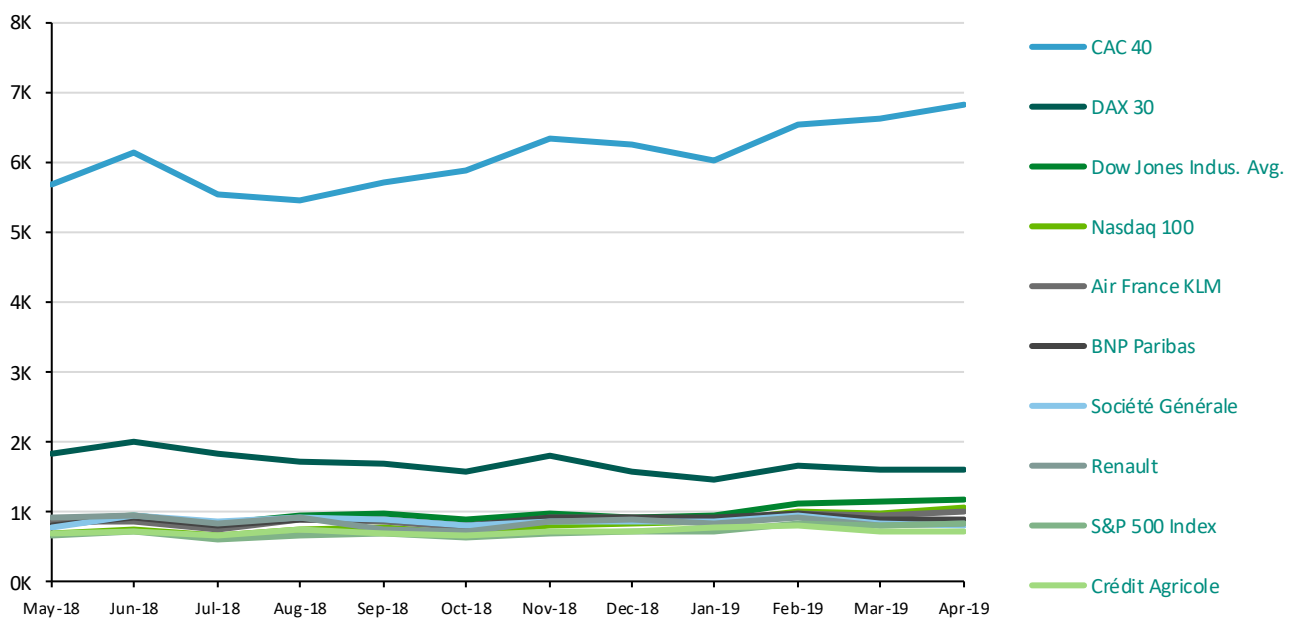




# TOP 10 UNDERLYINGS

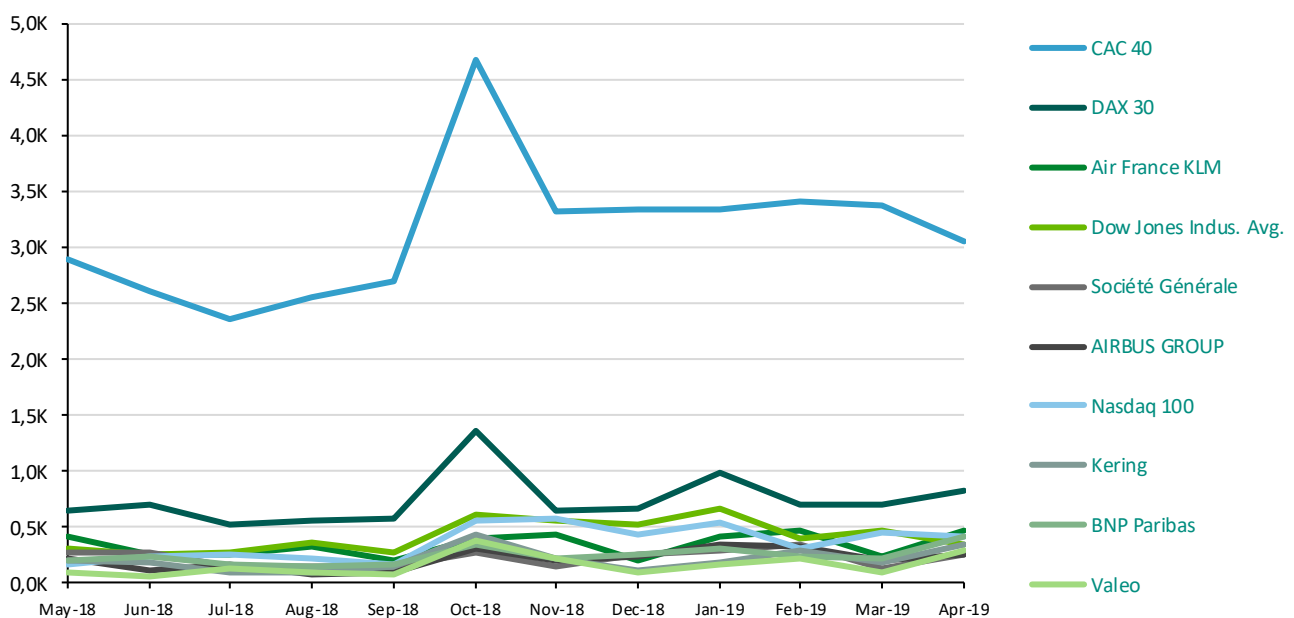
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NL0012969091	BNP Paribas	2100	Warrants	107,760	1,648
NL0012969083	BNP Paribas	2100	Warrants	14,386	470
DE000VN61VX4	Vontobel	2300	Constant Leverage Certificate	7,949	48
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	4,171	796
DE000CJ5BYA3	Commerzbank	2300	Constant Leverage Certificate	3,754	260
FR0010511535	Société Générale	1300	Tracker Certificates	3,521	228
FR0013188612	Société Générale	2300	Constant Leverage Certificate	3,205	480
LU1815432486	Société Générale	1300	Tracker Certificates	2,739	994
DE000CJ83WX4	Commerzbank	2200	Knock-Out Warrants	2,532	88
FR0013217940	Société Générale	2300	Constant Leverage Certificate	2,029	424
DE000CJ5EXG6	Commerzbank	2100	Warrants	1,748	168
DE000CA0ZD72	Commerzbank	2300	Constant Leverage Certificate	1,697	684
DE000CJ832A4	Commerzbank	2200	Knock-Out Warrants	1,673	60
LU1921244171	Société Générale	2100	Warrants	1,671	184
DE000CJ8Z5A3	Commerzbank	2200	Knock-Out Warrants	1,616	120
LU1937306477	Société Générale	2200	Knock-Out Warrants	1,581	70
FR0010673350	Société Générale	1300	Tracker Certificates	1,440	216
FR0010961078	Société Générale	2300	Constant Leverage Certificate	1,362	278
FR0011214527	Société Générale	2300	Constant Leverage Certificate	1,222	308
DE000CJ81G03	Commerzbank	2200	Knock-Out Warrants	1,215	106
LU1815432056	Société Générale	1300	Tracker Certificates	1,206	112
DE000CJ83KF6	Commerzbank	2200	Knock-Out Warrants	1,158	78
FR0013101565	Société Générale	2300	Constant Leverage Certificate	1,157	278
DE000CP4KXR5	Citi	2100	Warrants	1,128	110
FR0011119387	Société Générale	2300	Constant Leverage Certificate	1,125	46
FRBNPP00WTH0	BNP Paribas	2210	Mini-Futures	1,098	502
DE000CJ82986	Commerzbank	2200	Knock-Out Warrants	1,085	104
DE000CA0YHL7	Commerzbank	2300	Constant Leverage Certificate	1,056	58
NL0012300693	BNP Paribas	2100	Warrants	1,041	46
NL0013255748	BNP Paribas	2100	Warrants	1,035	124
FR0010511543	Société Générale	1300	Tracker Certificates	1,028	138
LU1555075354	Société Générale	2300	Constant Leverage Certificate	1,026	410
NL0006454928	BNP Paribas	1300	Tracker Certificates	1,008	60
FRBNPP00QF07	BNP Paribas	2205	Open-End Knock-Out Warrants	1,006	40
FR0011630474	Société Générale	1300	Tracker Certificates	976	142
DE000HV1YZG7	Unicredit	2205	Open-End Knock-Out Warrants	964	62
NL0012062137	ING	2205	Open-End Knock-Out Warrants	944	230
DE000CJ83X59	Commerzbank	2100	Warrants	930	114
DE000CJ5BRD1	Commerzbank	2210	Mini-Futures	912	182
DE000VF3HPB2	Vontobel	2100	Warrants	912	194
DE000CV5YVN8	Commerzbank	2300	Constant Leverage Certificate	893	62
LU1555074977	Société Générale	2300	Constant Leverage Certificate	880	390
DE000CD9FNJ6	Commerzbank	2210	Mini-Futures	878	38
LU1756784762	Société Générale	2205	Open-End Knock-Out Warrants	846	18
DE000CP29ZB3	Citi	2210	Mini-Futures	844	502
FRBNPP00X4A6	BNP Paribas	2210	Mini-Futures	826	50
FRBNPP00FZ06	BNP Paribas	2205	Open-End Knock-Out Warrants	823	38
DE000CE4XG53	Commerzbank	2205	Open-End Knock-Out Warrants	820	112
DE000CJ82RR8	Commerzbank	2205	Open-End Knock-Out Warrants	817	408
DE000CJ815N2	Commerzbank	2205	Open-End Knock-Out Warrants	808	288

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