



warrants and certificates

# Activity report

Issue 106  
May 2020

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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 31/05/2020)	29,563	846	1,574	50,327	<b>82,309</b>
New Products	14,296	290	272	16,849	<b>31,707</b>
New Products YTD	87,070	2,353	2,288	125,638	<b>217,349</b>
Value Traded (in €m)	585.1	9.6	35.0	494.4	<b>1,124.0</b>
Value Traded YTD (in €m)	3,442.6	82.1	420.5	2,569.4	<b>6,514.6</b>
Value Traded ADV (in €m)	29.3	0.5	1.7	24.7	<b>56.2</b>
Value Traded YTD ADV (in €m)	31.9	0.8	3.9	23.8	<b>60.3</b>
Number of Trades	203,699	4,692	6,046	176,476	<b>390,913</b>
Number of Trades YTD	1,154,430	30,636	44,993	915,218	<b>2,145,277</b>
Number of Trades ADV	10,185	235	302	8,824	<b>19,546</b>
Number of Trades YTD ADV	10,689	284	417	8,474	<b>19,864</b>

(Source Euronext)

# PARIS REAL ESTATE FUTURES CONTRACT



## EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

Euronext's futures contract on real estate proposes an innovative, alternative solution for investors seeking exposure to the Paris real estate market without the constraints of physical investment.

The contract is based on the PARISSQM index, a new reference price for Paris Residential Real Estate, created by Compass Financial Technologies and Kalstone, which has been live since May 2018.

Based solely on real transaction data, the index is published every two weeks with a six-week lag and quoted in euro per square metre.

The Compass Kalstone Paris Residential Property Index has been designed to provide a responsive and consistent benchmark for typical transacted prices in the residential real estate market.

### ABOUT THE INDEX

- The first investable benchmark to replicate the evolution of Paris real estate housing prices
- Based on a proprietary methodology using central tendency, stratification and noise filtering techniques
- Published every two weeks with a lag of six weeks. Index value represents the observed transacted price per square metre over the specific two-week period.
- The first pure proxy index (per square metre in euro) for the residential real estate market in Paris; based on real transaction data reported by the Paris Notaires Services\*
- More than 10 years data history collected and price evolution available on Bloomberg and Reuters.
- Compass Kalstone is a complementary partnership between financial indices expert Compass and real estate and finance solution provider Kalstone.

### BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

- Develop a flexible and efficient strategy to diversify property or trading portfolios.
- Hedge portfolio price risks with real estate futures
- The index reflects exact actual transactions, allowing investors to have accurate exposure to the real estate market, in a price per square metre
- Counterparty risk mitigation through LCH SA
- Cost efficiency: eliminates the constraints of a physical investment (no public notary required) and much lower capital requirements
- Transparency and liquidity: real-time quotation throughout market opening hours
- Financial leverage and flexibility
- Benefit from movements in housing prices

### Find out more

To find out more about the Paris real estate futures contract, contact the Euronext Commodities team at:

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

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\* All property transactions in France must be made through a 'notaire', a legal specialist who is a public official acting on behalf of the French state.



# Euronext Markets

# ISSUERS

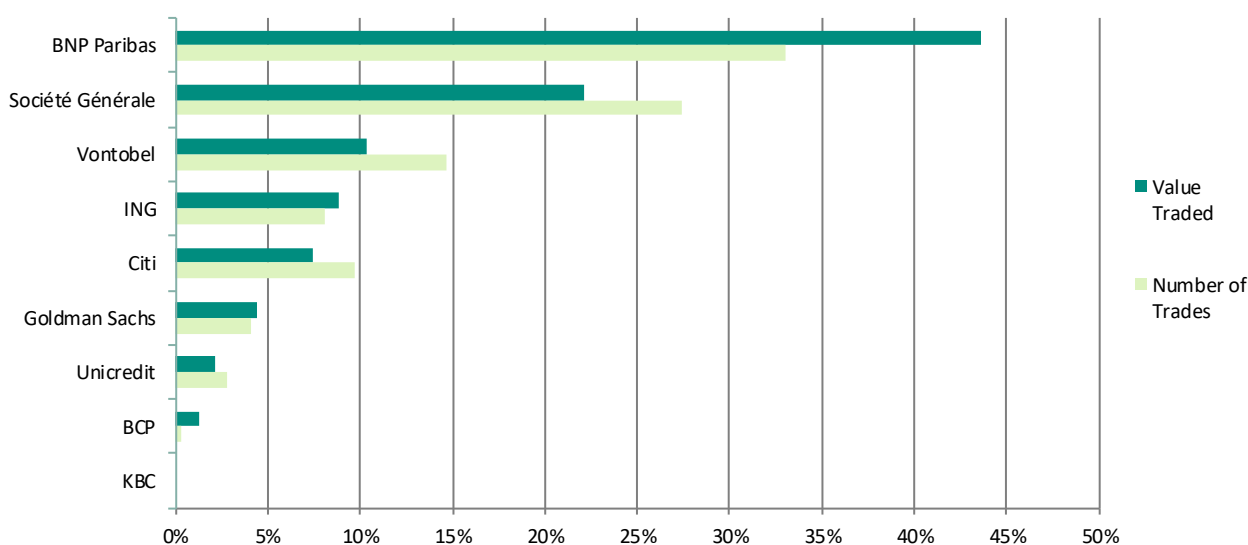
## Market Overview

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	24,485	-15.8%	59%	43.6%	6,455	-18.0%	49.7%	33.0%
Société Générale	12,428	-11.7%	127%	22.1%	5,364	-8.8%	171.9%	27.4%
Vontobel	5,786	-2.4%	63%	10.3%	2,856	9.4%	63.3%	14.6%
ING	4,964	-29%	44%	8.8%	1,577	-17.1%	28.1%	8.1%
Citi	4,145	-15.1%	56%	7.4%	1,886	-15.2%	32.6%	9.7%
Goldman Sachs	2,447	-39%	-4.7%	4.4%	796	-33.5%	-13.2%	4.1%
Unicredit	1,207	-20%	65%	2.1%	546	-10.0%	50.5%	2.8%
BCP	740	-2.9%	-82%	1.3%	66	-14.5%	-75.4%	0.3%
KBC	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
<b>Total</b>	<b>56,202</b>	<b>-16.7%</b>	<b>30.0%</b>	<b>100%</b>	<b>19,546</b>	<b>-12.7%</b>	<b>34.6%</b>	<b>100%</b>

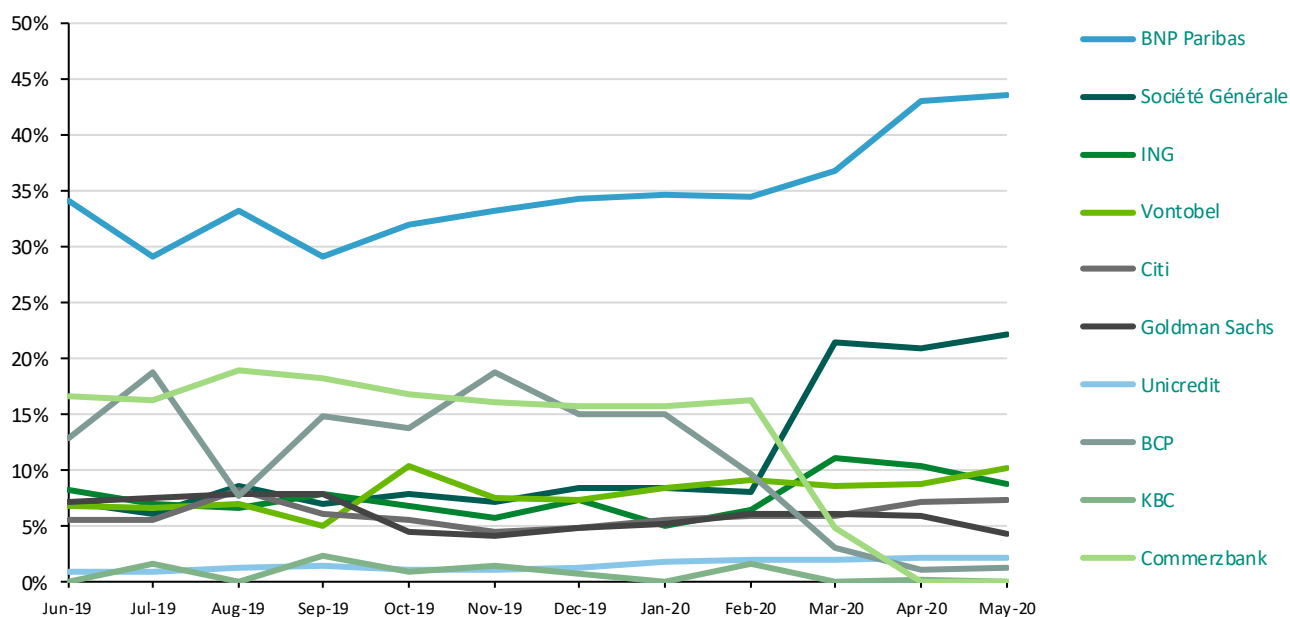
(Source Euronext)



# ISSUERS

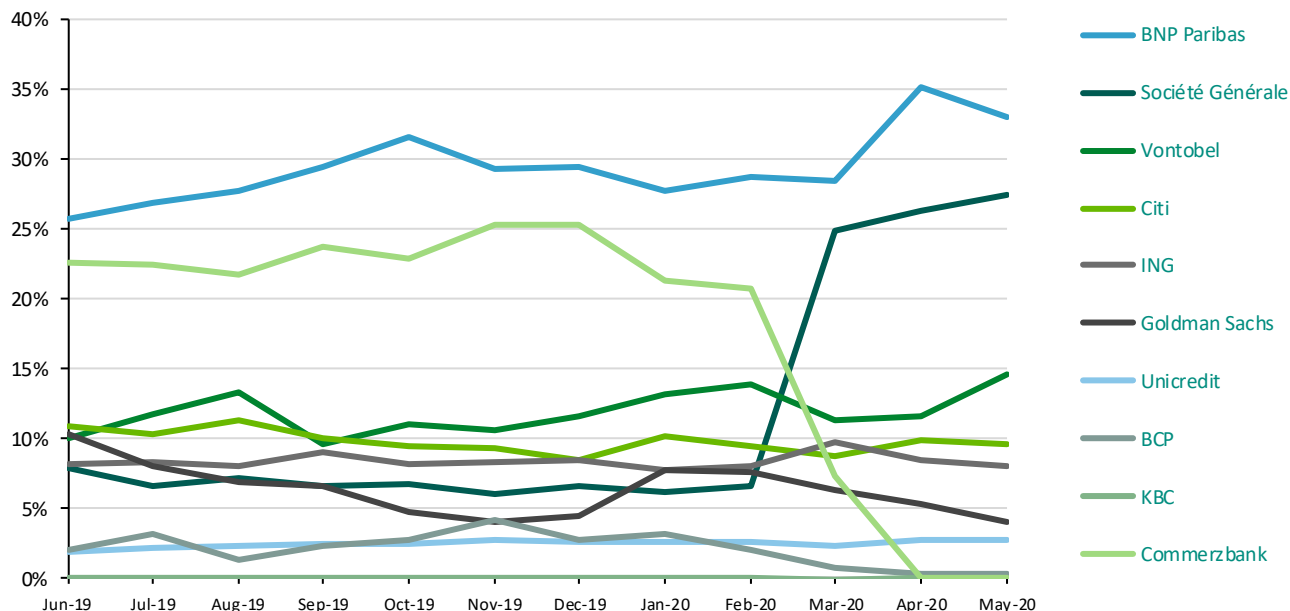
## Market Trend: Value traded

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

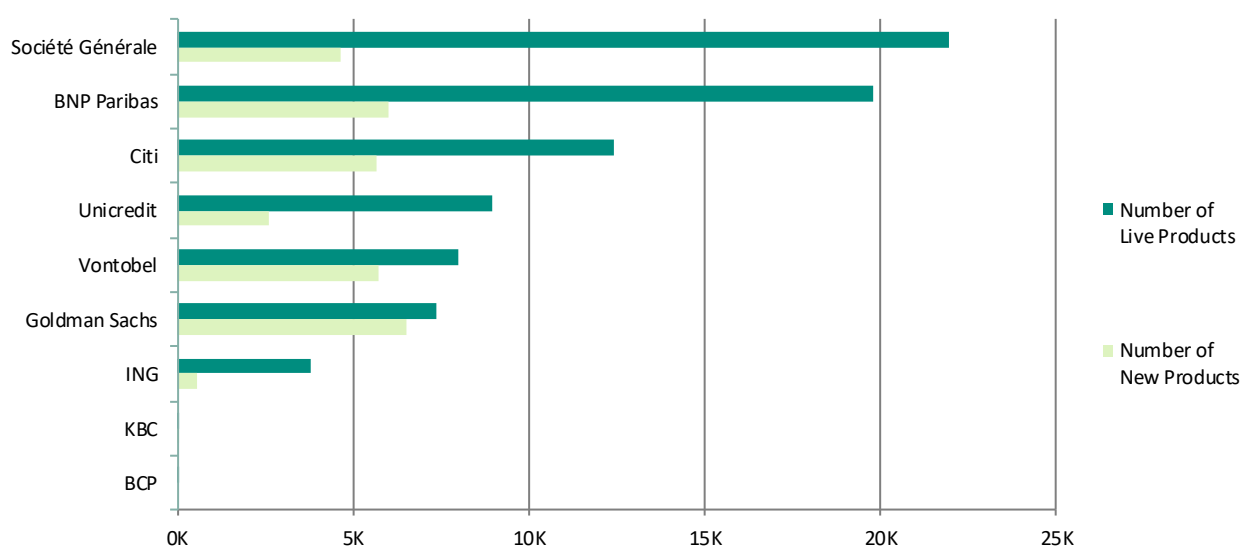
## Product Overview

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
Société Générale	21,951	1.1%	83%	26.7%	4,645	-50%	-15.9%	14.6%
BNP Paribas	19,824	3.5%	29%	24.1%	6,003	-21%	4.6%	18.9%
Citi	12,402	6.0%	-1.2%	15.1%	5,653	1.0%	24%	17.8%
Unicredit	8,971	3.9%	-1.3%	10.9%	2,585	-18.6%	-6.5%	8.2%
Vontobel	7,966	1.6%	16.5%	9.7%	5,735	10.6%	13.5%	18.1%
Goldman Sachs	7,352	17.7%	6.6%	8.9%	6,533	-19.9%	66%	20.6%
ING	3,799	7.3%	5.8%	4.6%	552	-58%	-30%	1.7%
KBC	30	9.3%	13.5%	0.0%	1	-80%	-64%	0.0%
BCP	15	-1.3%	-25%	0.0%	0			0.0%
<b>Total</b>	<b>82,309</b>	<b>4.4%</b>	<b>3.8%</b>	<b>100%</b>	<b>31,707</b>	<b>-21.2%</b>	<b>2.3%</b>	<b>100%</b>

(Source Euronext)

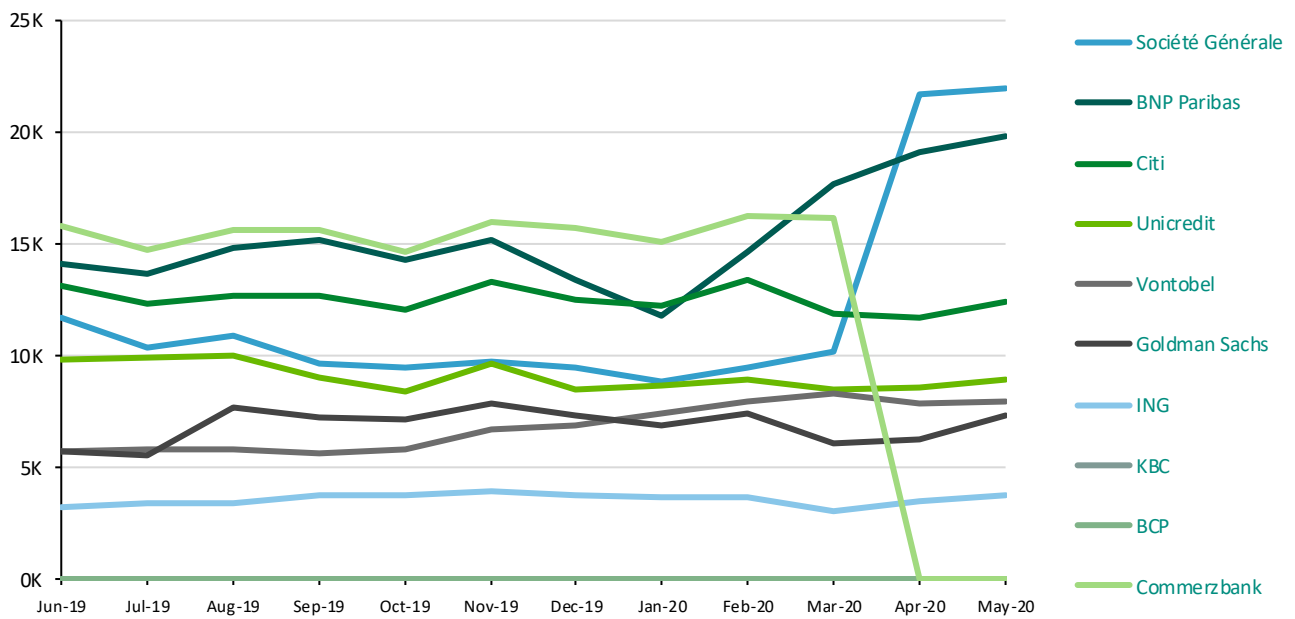




# ISSUERS

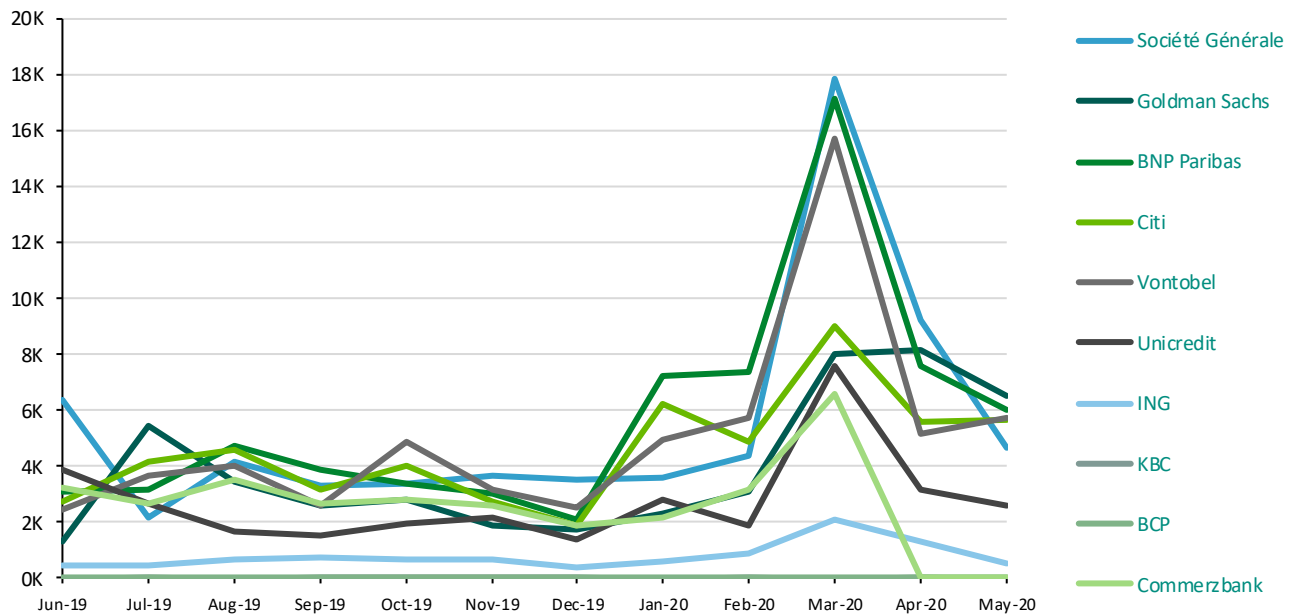
## Product Trend: Number of Live Products

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)

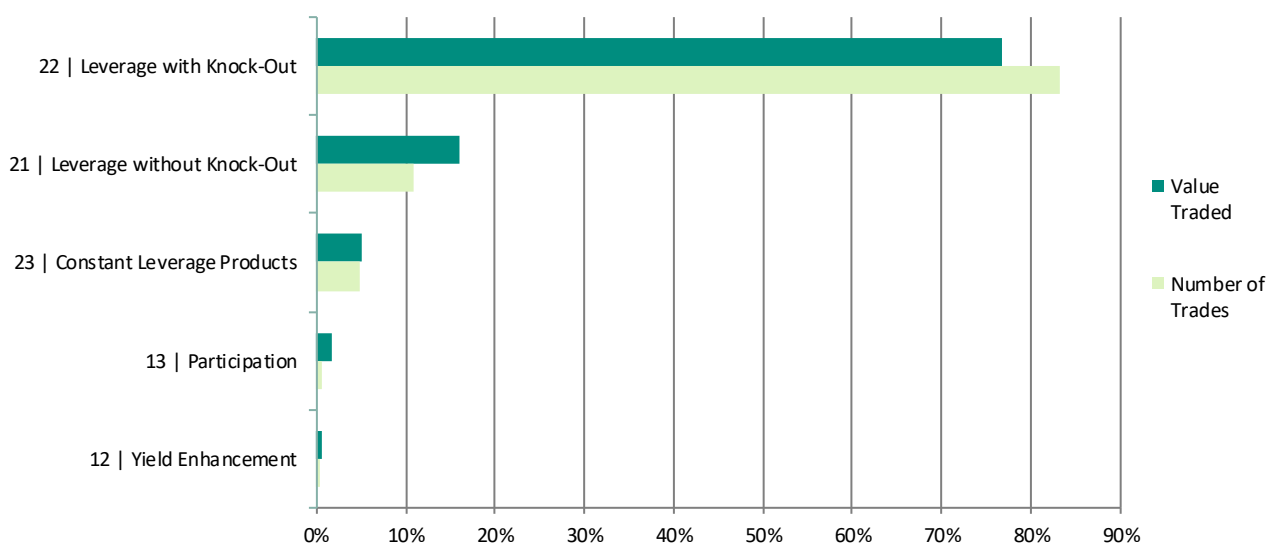
## Market Overview

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	43,149	-16.0%	43%	76.8%	16,269	-11.7%	36.4%	83.2%
21   Leverage without Knock-Out	8,974	-15.7%	65%	16.0%	2,117	-6.6%	45.9%	10.8%
23   Constant Leverage Products	2,819	-28%	26%	5.0%	960	-34.5%	37.2%	4.9%
13   Participation	924	-11.2%	-80%	1.6%	136	-19.2%	-63.1%	0.7%
12   Yield Enhancement	337	-27%	-58%	0.6%	63	19.7%	-6.6%	0.3%
<b>Total</b>	<b>56,202</b>	<b>-16.7%</b>	<b>30.0%</b>	<b>100%</b>	<b>19,546</b>	<b>-12.7%</b>	<b>34.6%</b>	<b>100%</b>

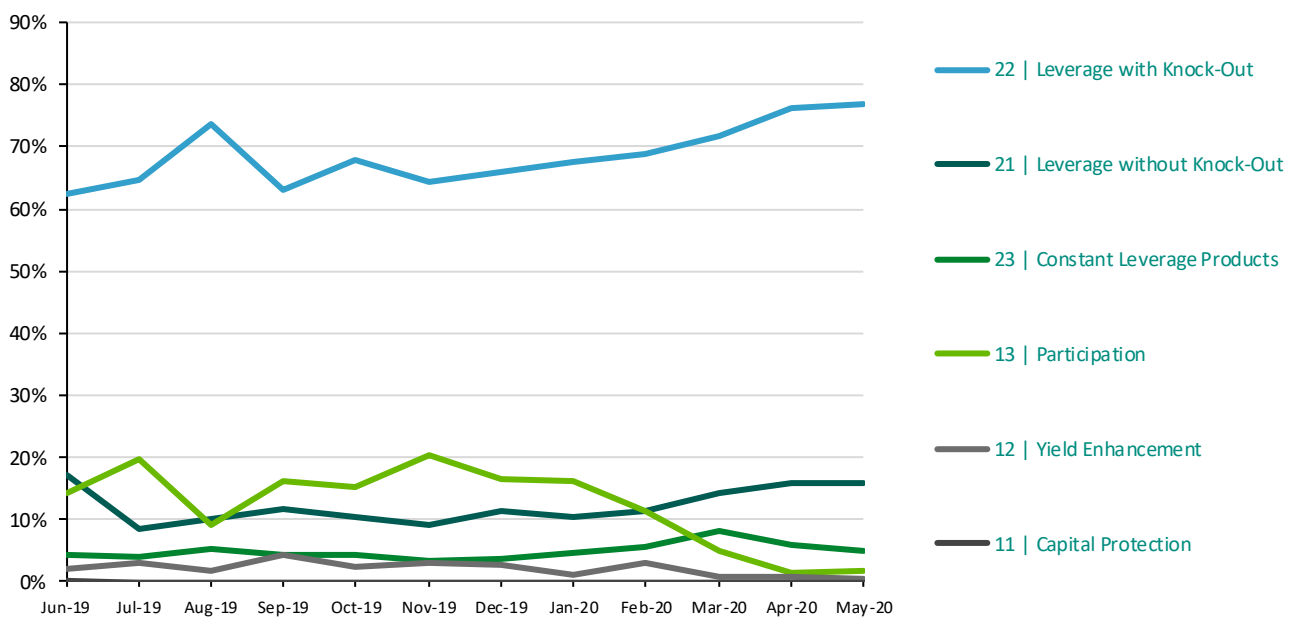
(Source Euronext)



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

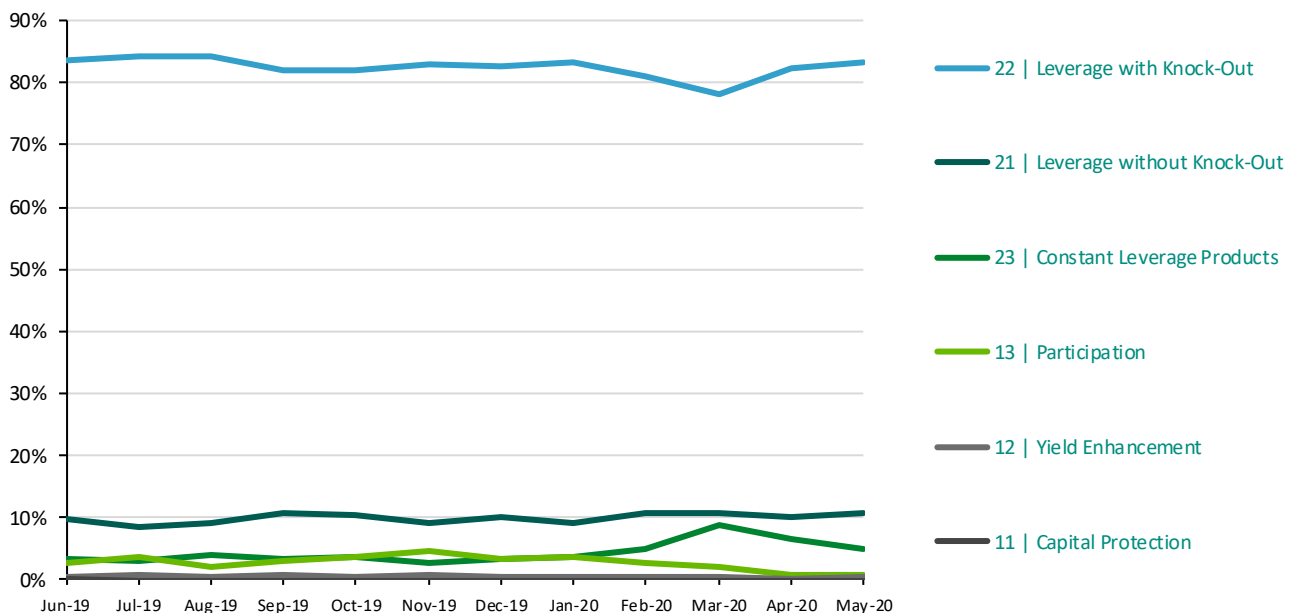
## Market Trend: Value traded

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



## Market Trend: Number of trades

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

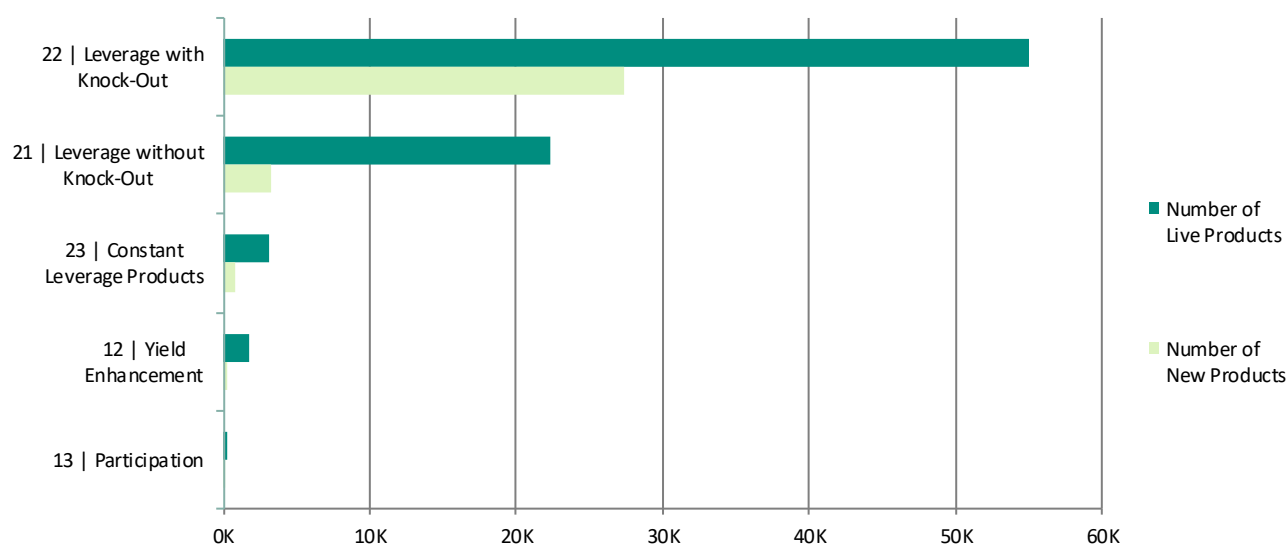
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

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	55,007	6.6%	8.4%	66.8%	27,324	-25%	5.8%	86.2%
21   Leverage without Knock-Out	22,278	-0.3%	-7.3%	27.1%	3,230	0.8%	-27%	10.2%
23   Constant Leverage Products	3,054	-1.8%	33%	3.7%	809	72%	97%	2.6%
12   Yield Enhancement	1,689	10.4%	-13.3%	2.1%	297	-4.2%	-8.8%	0.9%
13   Participation	282	7.0%	0.4%	0.3%	47	NA	75%	0.1%
<b>Total</b>	<b>82,309</b>	<b>4.4%</b>	<b>3.8%</b>	<b>100%</b>	<b>31,707</b>	<b>-21.2%</b>	<b>2.3%</b>	<b>100%</b>

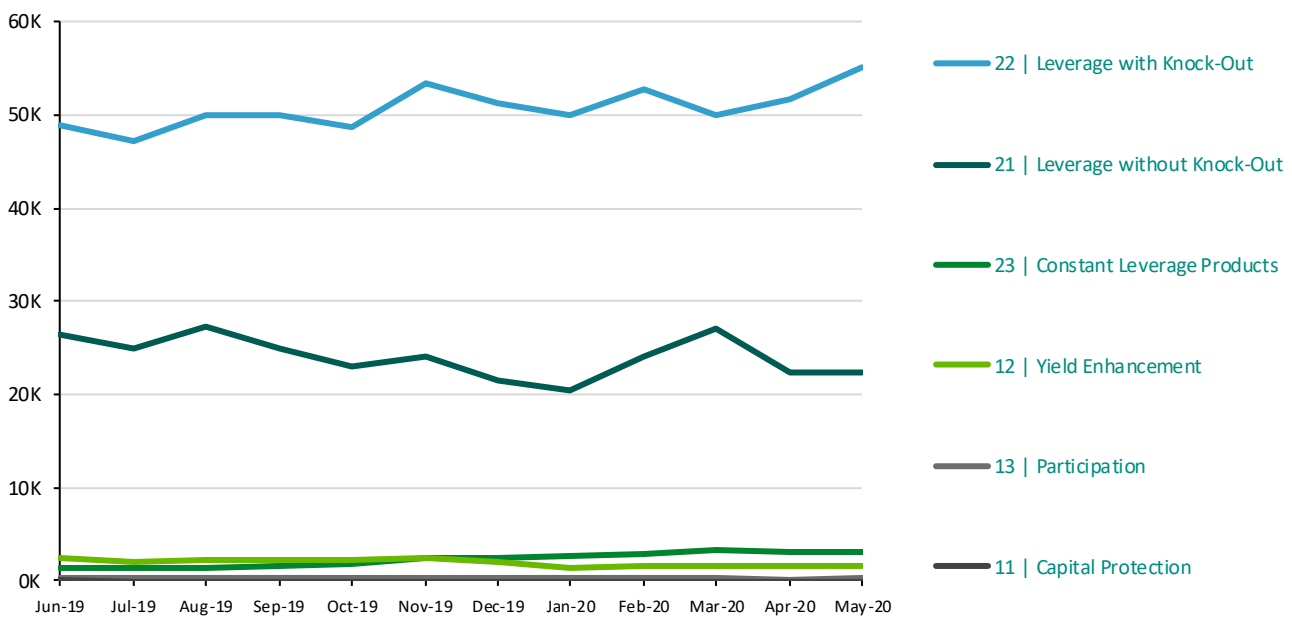
(Source Euronext)



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

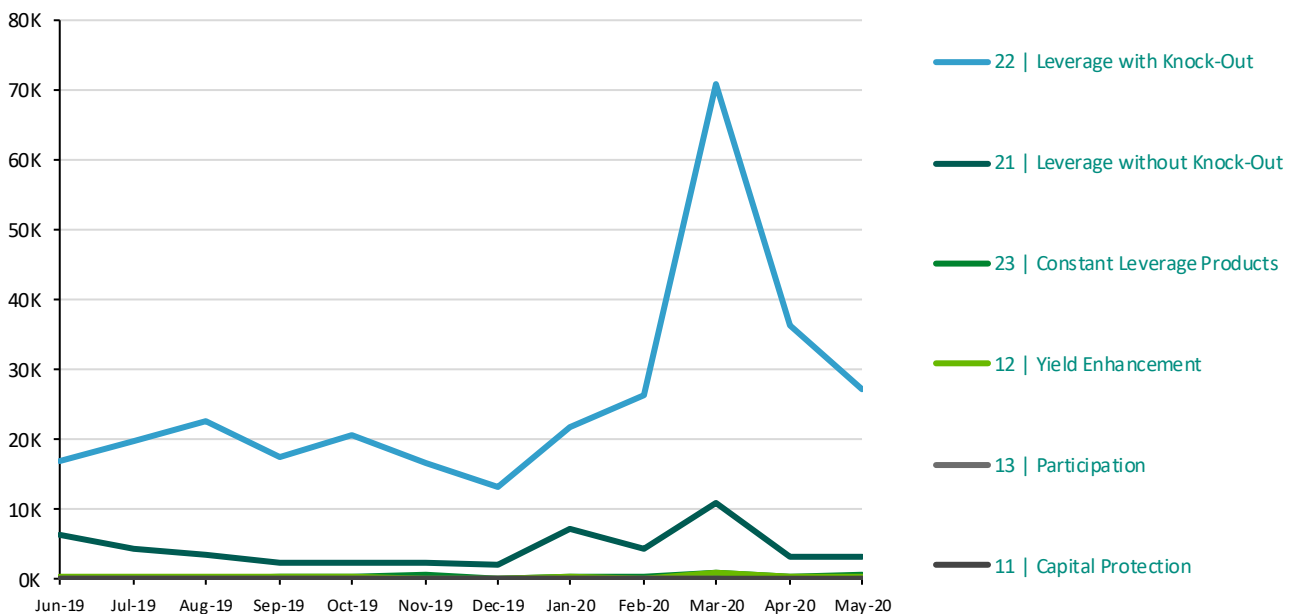
## Product Trend: Number of Live Products

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

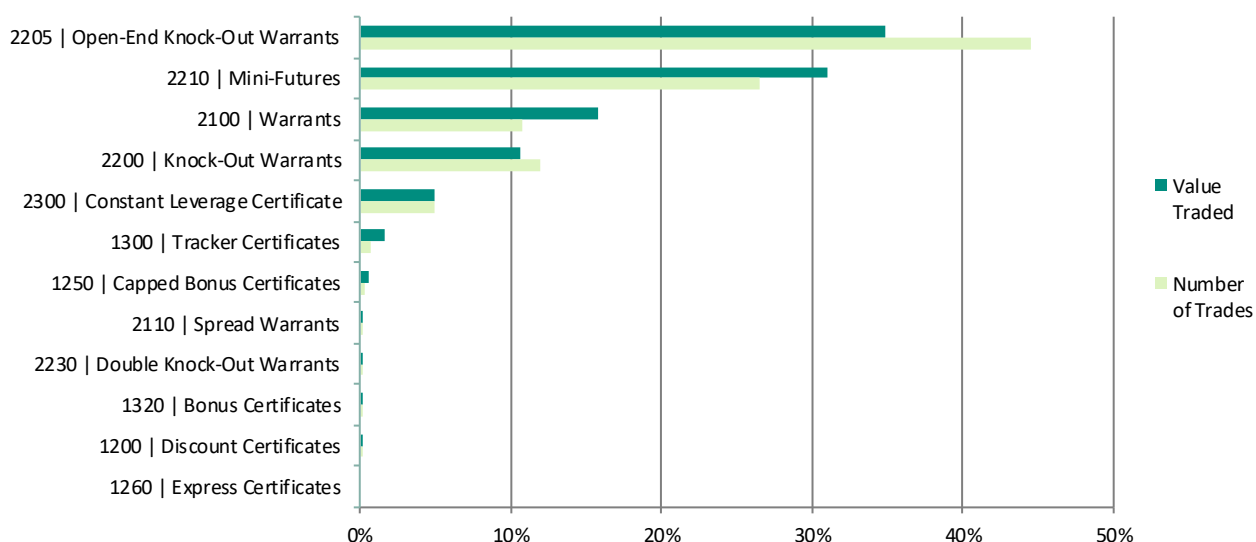
## Market Overview

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	19,630	-14.4%	35%	34.9%	8,719	-9.2%	31.9%	44.6%
2210   Mini-Futures	17,447	-19.8%	51%	31.0%	5,180	-19.6%	47%	26.5%
2100   Warrants	8,866	-16.3%	66%	15.8%	2,101	-6.8%	47%	10.7%
2200   Knock-Out Warrants	5,983	-10.1%	55%	10.6%	2,337	-0.6%	34%	12.0%
2300   Constant Leverage Certificate	2,819	-28%	26%	5.0%	960	-34%	37%	4.9%
1300   Tracker Certificates	915	-11.2%	-80%	1.6%	134	-20.0%	-64%	0.7%
1250   Capped Bonus Certificates	337	41%	-34%	0.6%	63	25%	-4.0%	0.3%
2110   Spread Warrants	108	108%	21%	0.2%	16	34%	-11.9%	0.1%
2230   Double Knock-Out Warrants	89	65%	-25%	0.2%	33	64%	-12.8%	0.2%
1320   Bonus Certificates	9	-6.6%	-30%	0.0%	2.8	49%	15.0%	0.0%
1200   Discount Certificates	0	-93%	-71%	0.0%	0.1	-87%	-55%	0.0%
1260   Express Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>56,202</b>	<b>-16.7%</b>	<b>30.0%</b>	<b>100%</b>	<b>19,546</b>	<b>-12.7%</b>	<b>34.6%</b>	<b>100%</b>

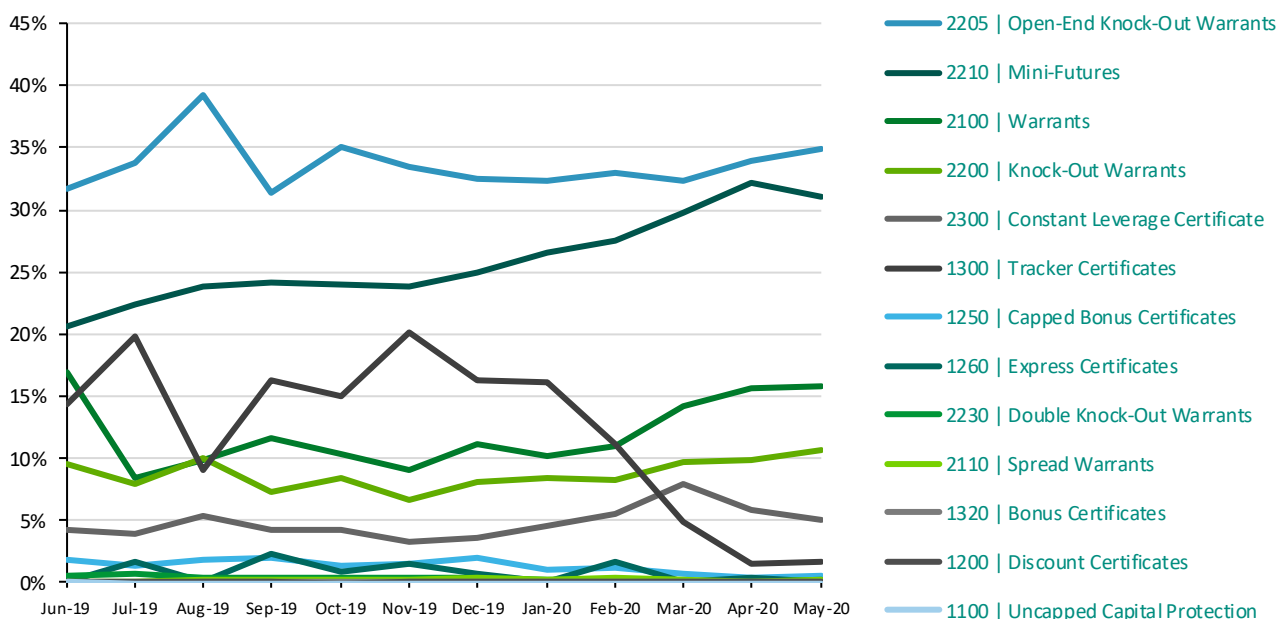
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

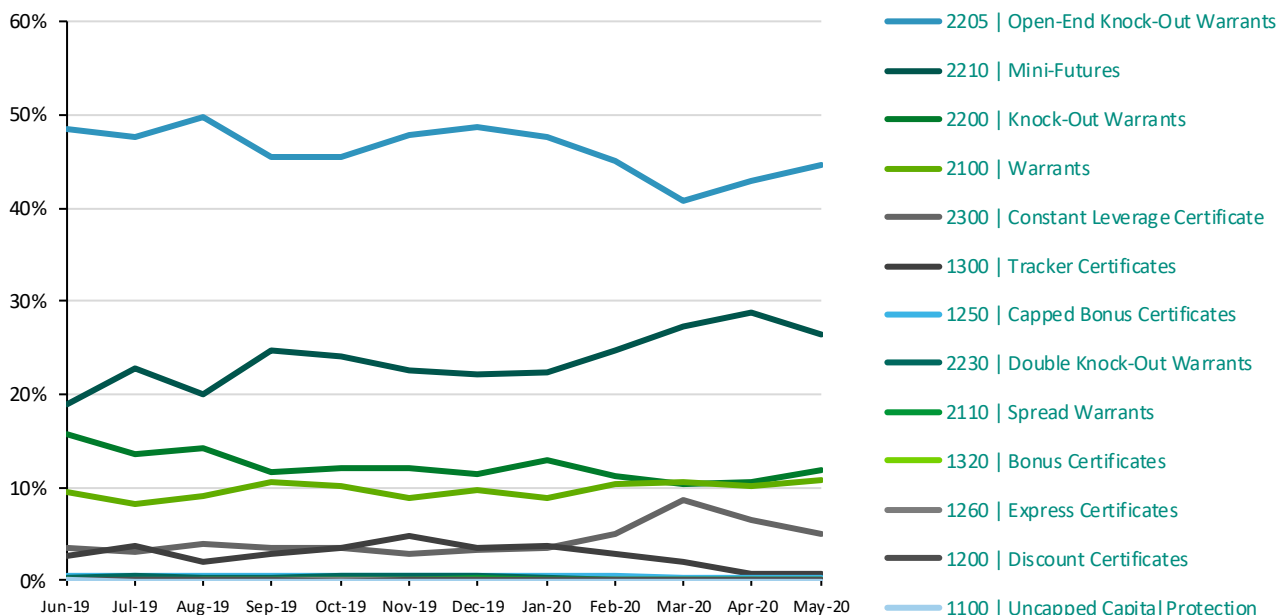
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

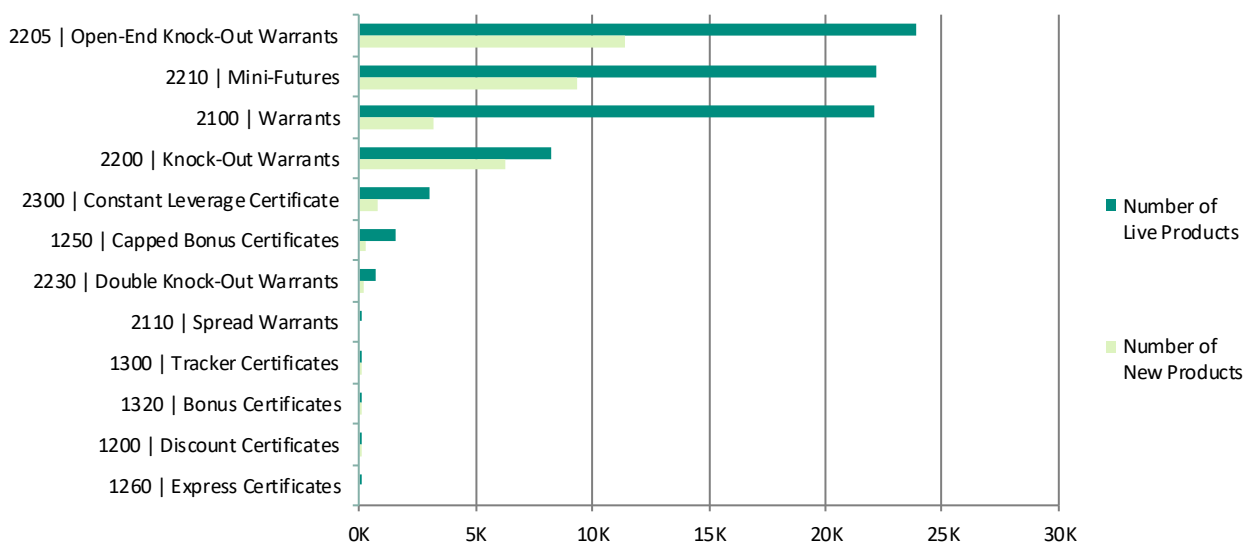
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	23,860	6.3%	13.8%	29.0%	11,435	-27%	15.9%	36.1%
2210   Mini-Futures	22,151	4.6%	9.0%	26.9%	9,339	-32%	11.1%	29.5%
2100   Warrants	22,115	-0.3%	-7.5%	26.9%	3,230	1.5%	-26%	10.2%
2200   Knock-Out Warrants	8,238	6.7%	-5.7%	10.0%	6,314	-1.1%	-13.0%	19.9%
2300   Constant Leverage Certificate	3,054	-1.8%	33%	3.7%	809	72%	97%	2.6%
1250   Capped Bonus Certificates	1,546	10.2%	-17.3%	1.9%	278	-9.2%	-10.3%	0.9%
2230   Double Knock-Out Warrants	758	175%	4.7%	0.9%	236	-53%	-21%	0.7%
2110   Spread Warrants	163	-8.7%	17.4%	0.2%	0	-100%	-100%	0.0%
1300   Tracker Certificates	142	-1.8%	-10.7%	0.2%	1	0.0%	200%	0.0%
1320   Bonus Certificates	140	17.9%	15.0%	0.2%	46	NA	74%	0.1%
1200   Discount Certificates	122	12.6%	77%	0.1%	19		35%	0.1%
1260   Express Certificates	21	17.7%	127%	0.0%	0	-100%	-100%	0.0%
<b>Total</b>	<b>82,309</b>	<b>4.4%</b>	<b>3.8%</b>	<b>100%</b>	<b>31,707</b>	<b>-21.2%</b>	<b>2.3%</b>	<b>100%</b>

(Source Euronext)

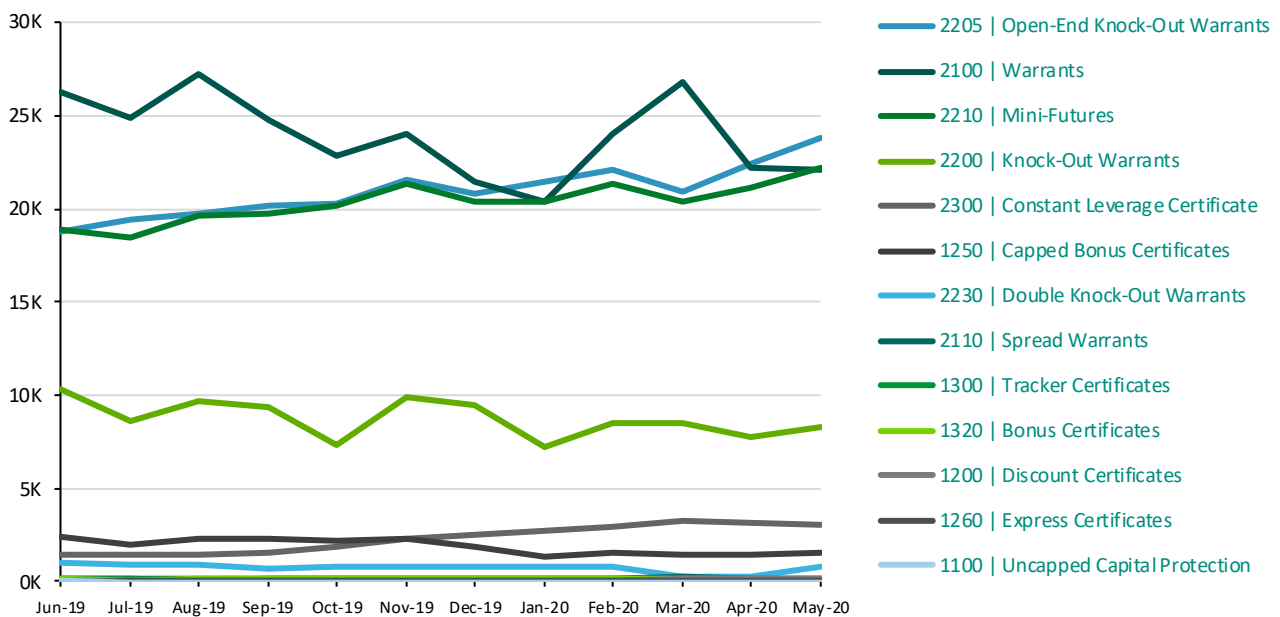




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

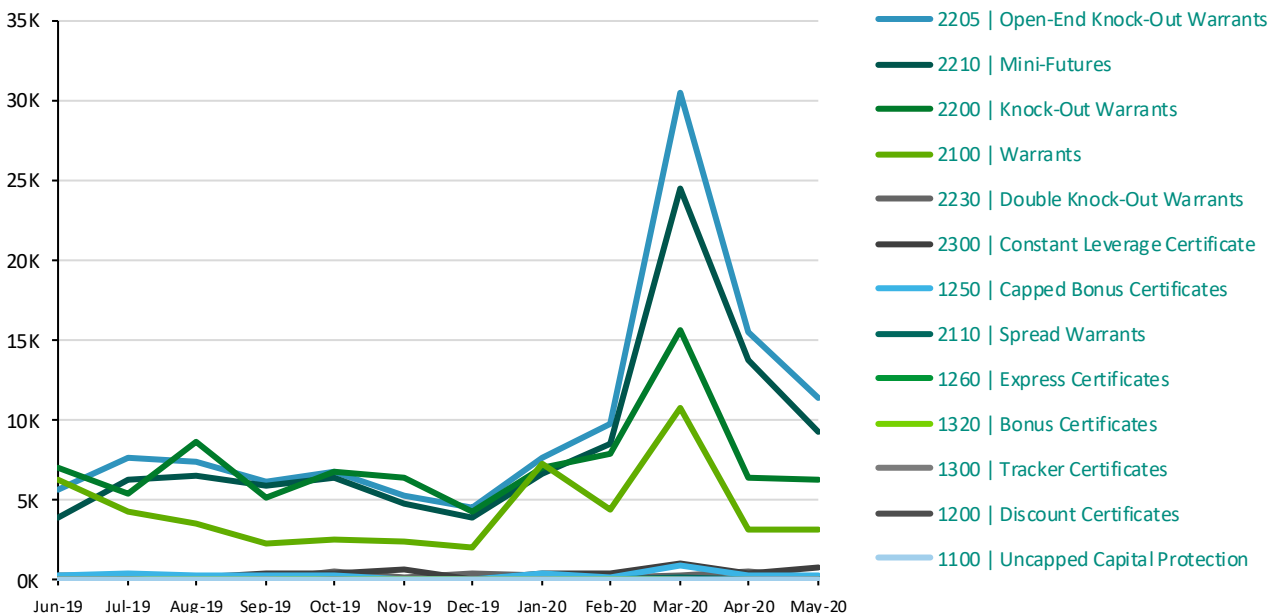
## Product Trend: Number of Live Products

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

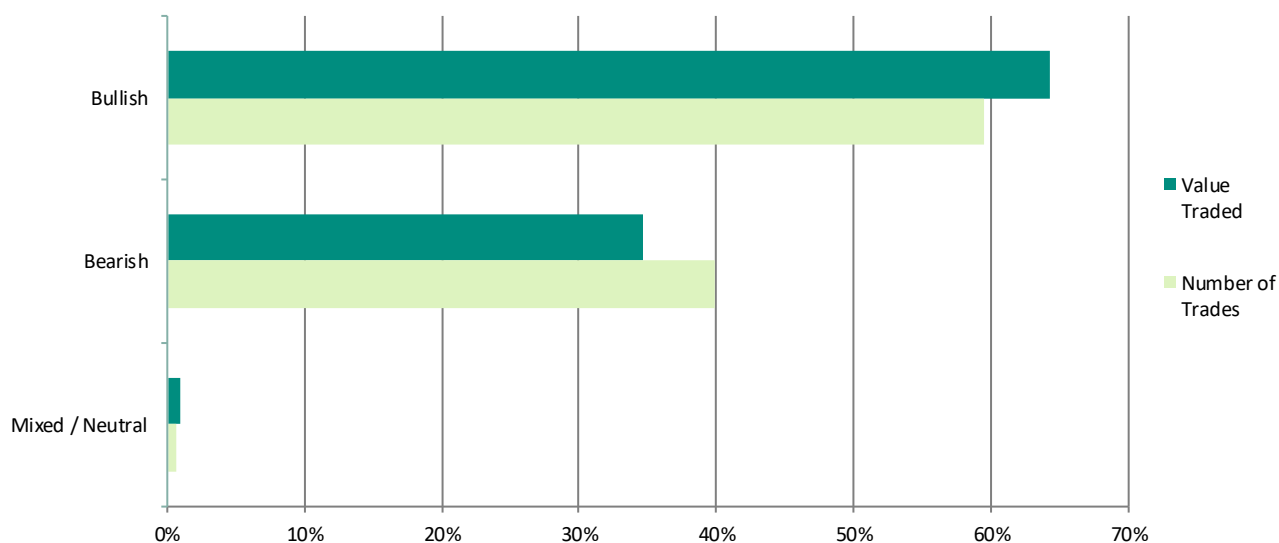
## Market Overview

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	36,170	-11.3%	26%	64.4%	11,639	-9.5%	33.3%	59.5%
Bearish	19,496	-26%	42%	34.7%	7,792	-17.3%	38%	39.9%
Mixed / Neutral	536	53%	-27%	1.0%	115	30%	-7.9%	0.6%
Total	56,202	-16.7%	30.0%	100%	19,546	-12.7%	34.6%	100%

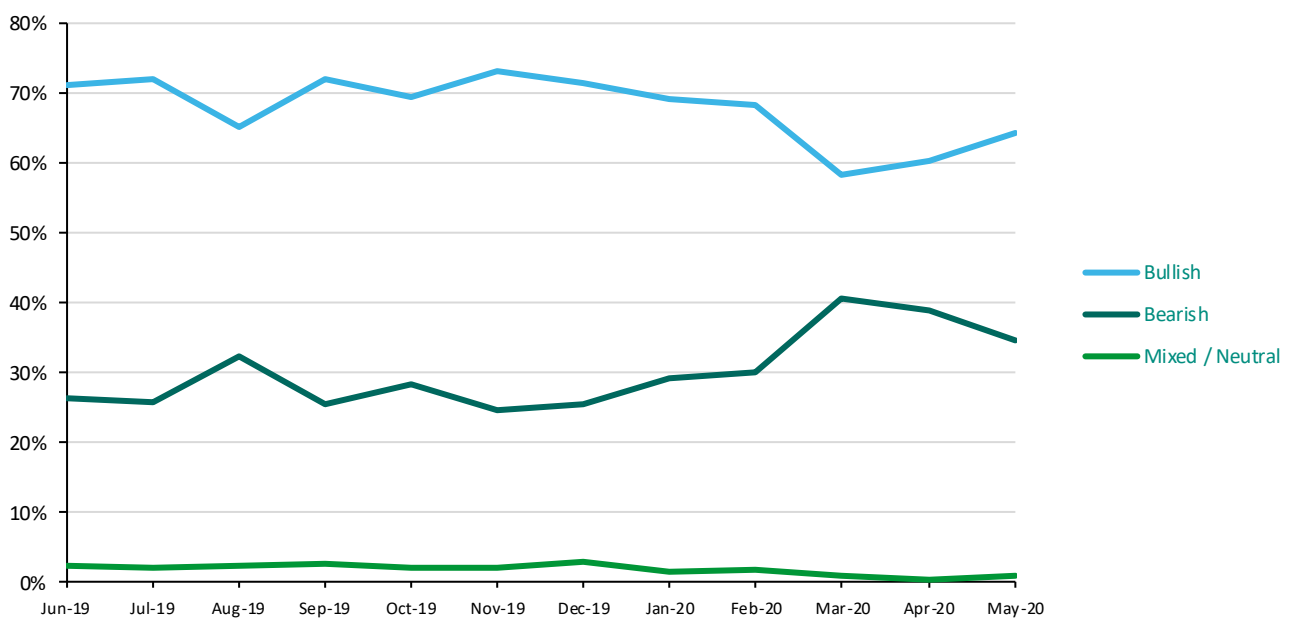
(Source Euronext)



# PRODUCT STRATEGIES

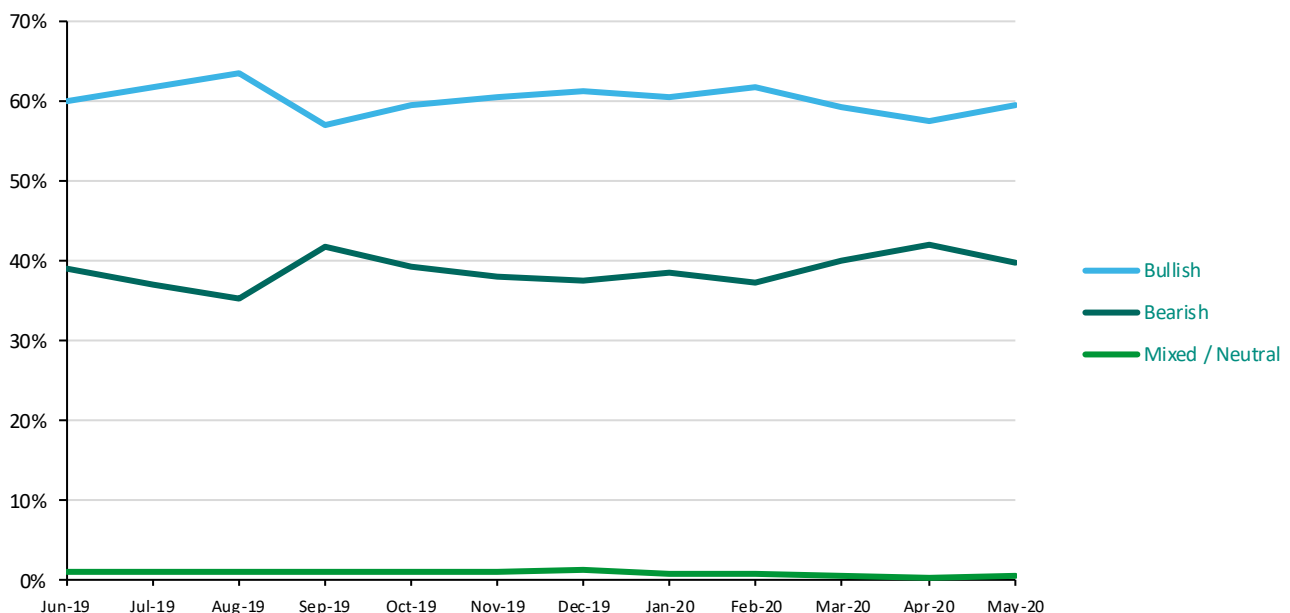
## Market Trend: Value traded

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

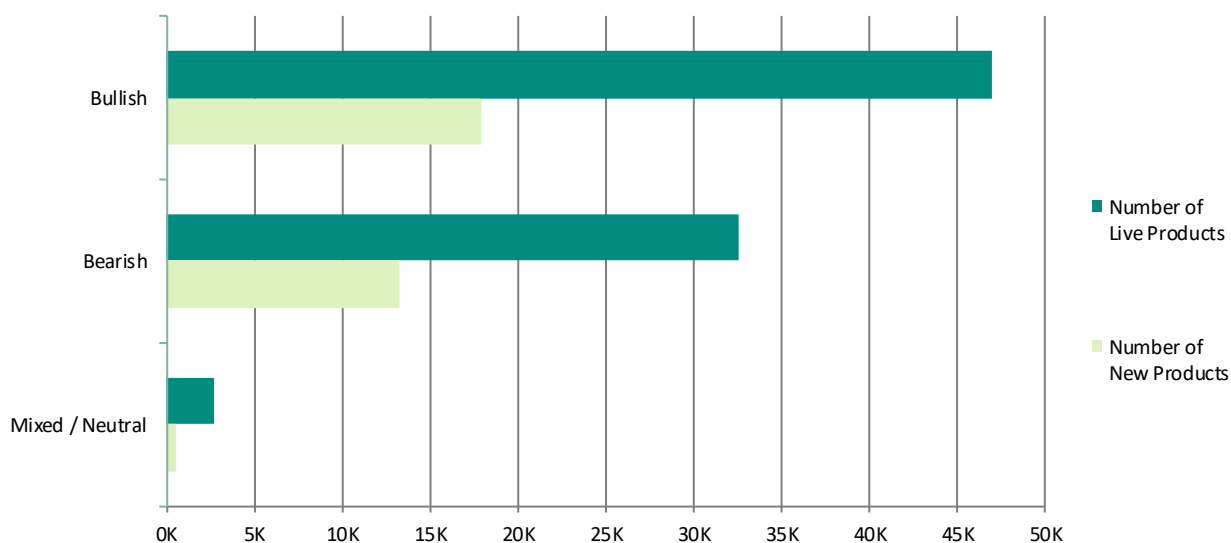
## Product Overview

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	47,027	10.3%	2.0%	57.1%	17,902	-29%	4.2%	56.5%
Bearish	32,628	-4.5%	7.6%	39.6%	13,272	-7.3%	0.9%	41.9%
Mixed / Neutral	2,655	30%	-8.4%	3.2%	533	-36%	-19.5%	1.7%
<b>Total</b>	<b>82,309</b>	<b>4.4%</b>	<b>3.8%</b>	<b>100%</b>	<b>31,707</b>	<b>-21.2%</b>	<b>2.3%</b>	<b>100%</b>

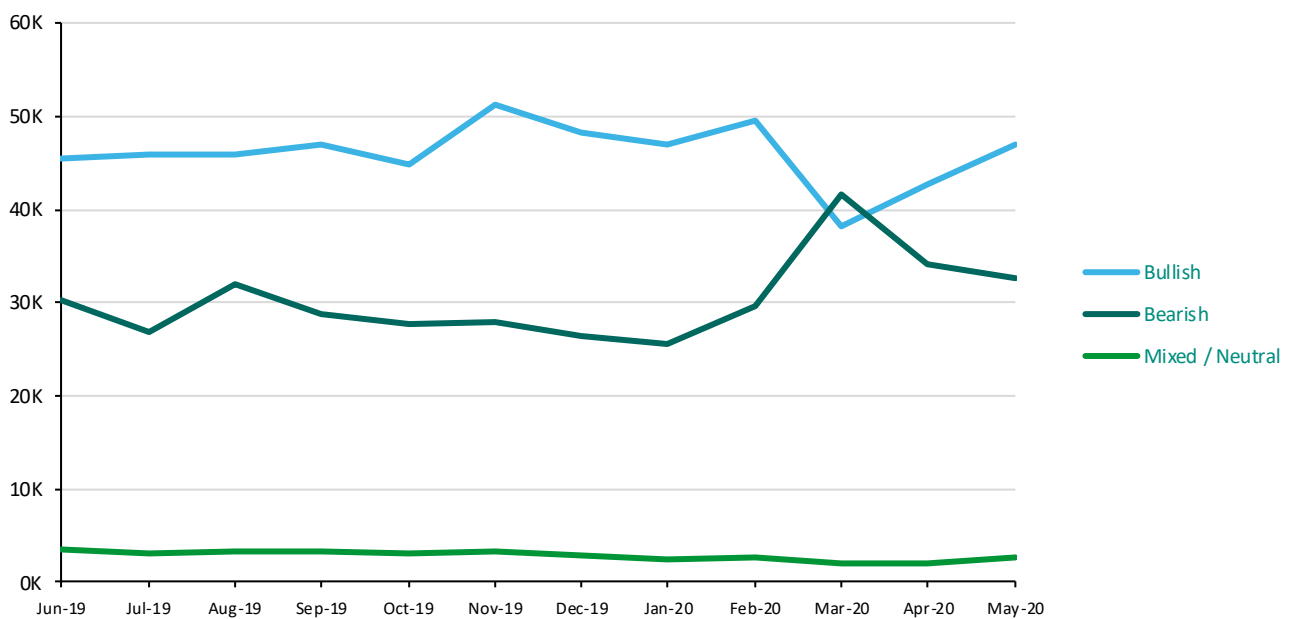
(Source Euronext)



# PRODUCT STRATEGIES

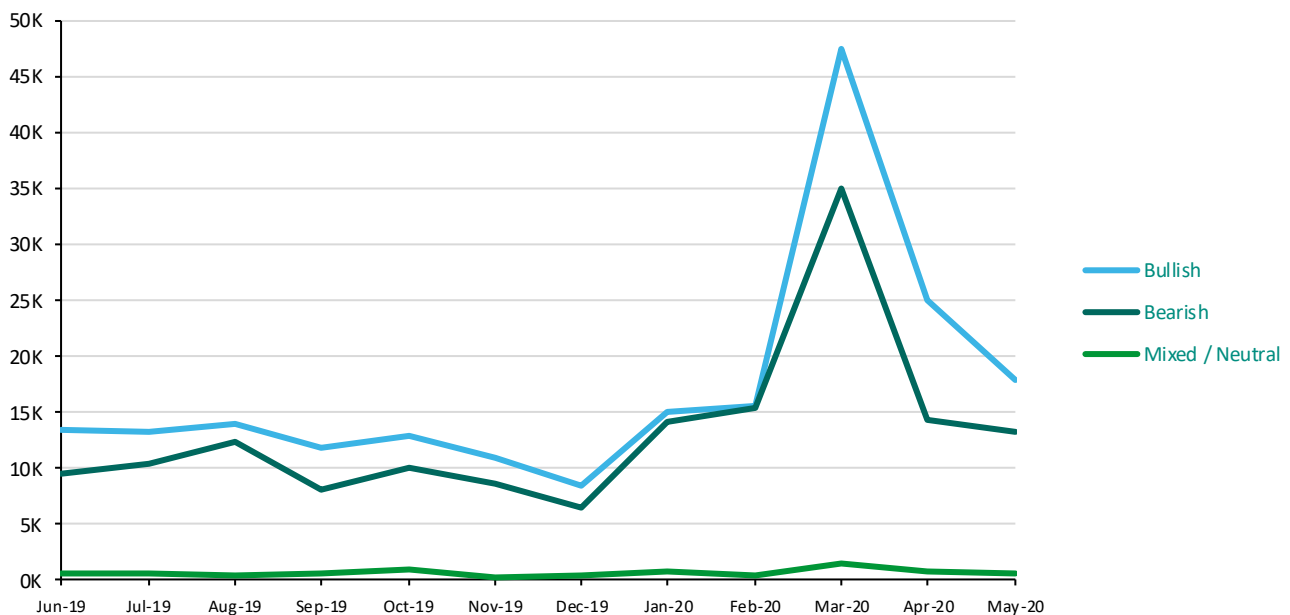
## Product Trend: Number of Live Products

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

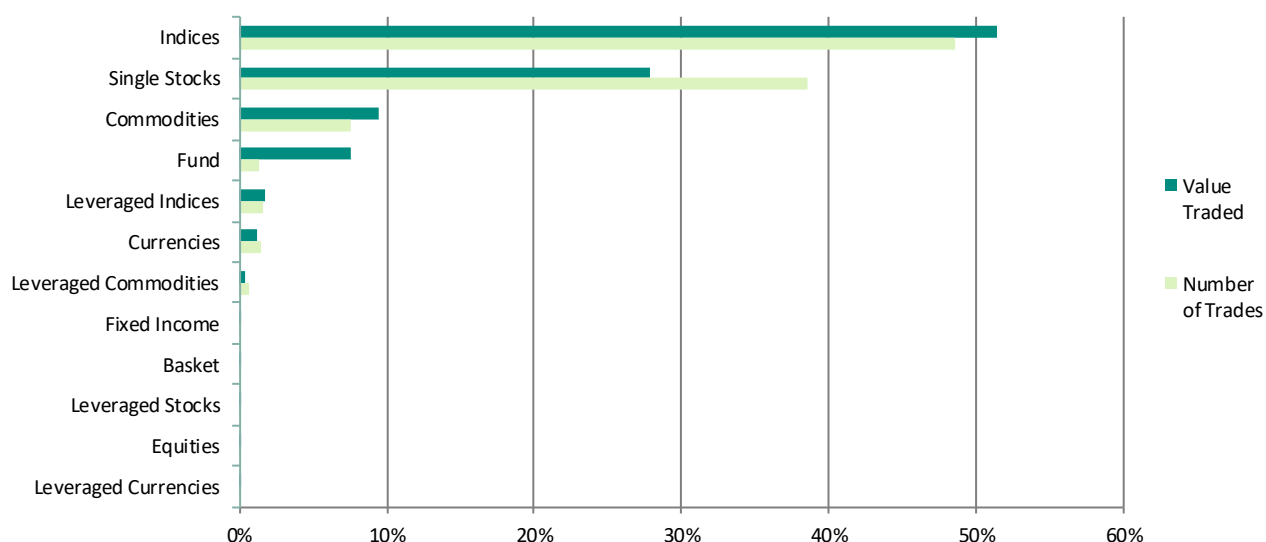
## Market Overview

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	28,929	-16.9%	23%	51.5%	9,508	-11.2%	27.3%	48.6%
Single Stocks	15,689	-1.5%	34%	27.9%	7,552	-3.6%	49.0%	38.6%
Commodities	5,308	-35%	37%	9.4%	1,489	-41.2%	23.3%	7.6%
Fund	4,265	-34%	88%	7.6%	255	-33.3%	62.9%	1.3%
Leveraged Indices	975	7.1%	-19.1%	1.7%	309	-33.8%	-5.7%	1.6%
Currencies	683	-19.2%	71%	1.2%	289	6.2%	53.0%	1.5%
Leveraged Commodities	232	0.4%	78%	0.4%	113	-23.6%	88.5%	0.6%
Fixed Income	65	29%	24%	0.1%	17	3.4%	-20.5%	0.1%
Basket	42	-13.0%	-30%	0.1%	2.5	47.1%	1.5%	0.0%
Leveraged Stocks	12	-48%	-17.4%	0.0%	11	-34.3%	-4.0%	0.1%
Equities	2	NA	-98%	0.0%	0.5	150.0%	-29.9%	0.0%
Leveraged Currencies	0		-86%	0.0%	0.1		-74.4%	0.0%
<b>Total</b>	<b>56,202</b>	<b>-16.7%</b>	<b>30.0%</b>	<b>100%</b>	<b>19,546</b>	<b>-12.7%</b>	<b>34.6%</b>	<b>100%</b>

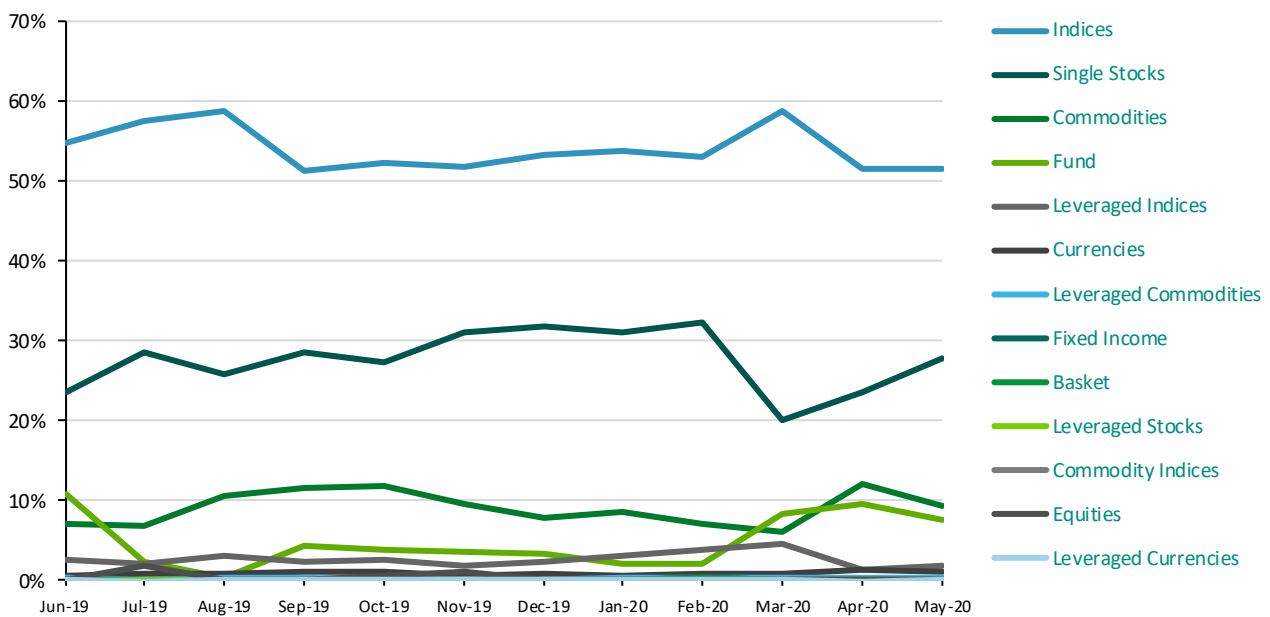
(Source Euronext)



# UNDERLYING TYPES

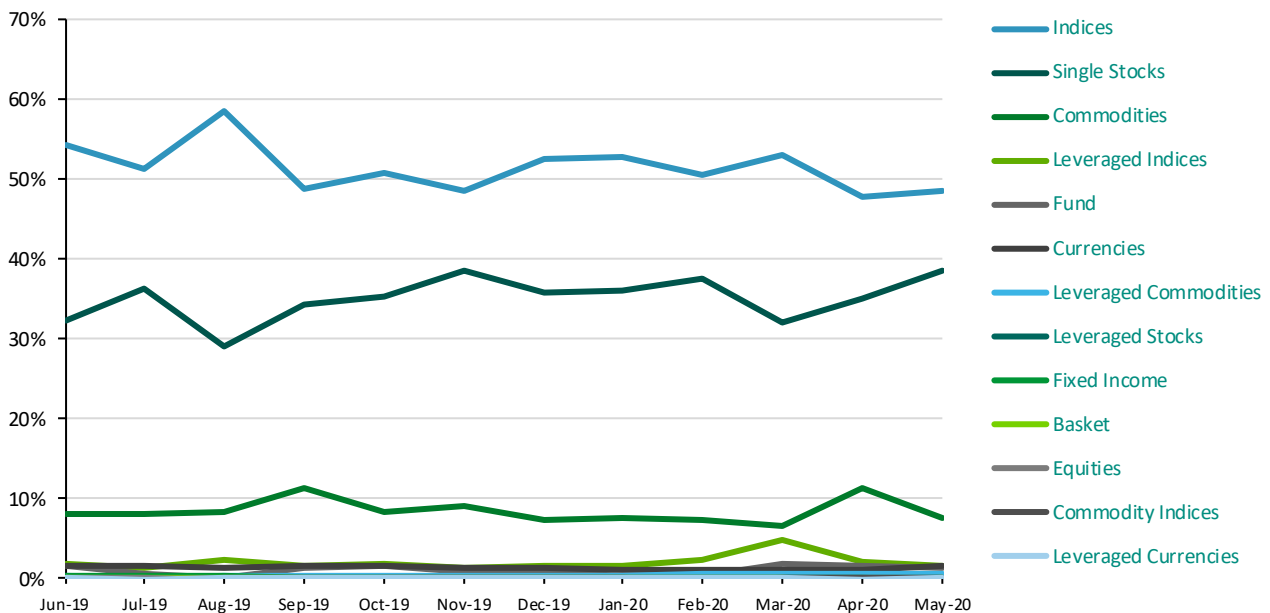
## Market Trend: Value traded

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

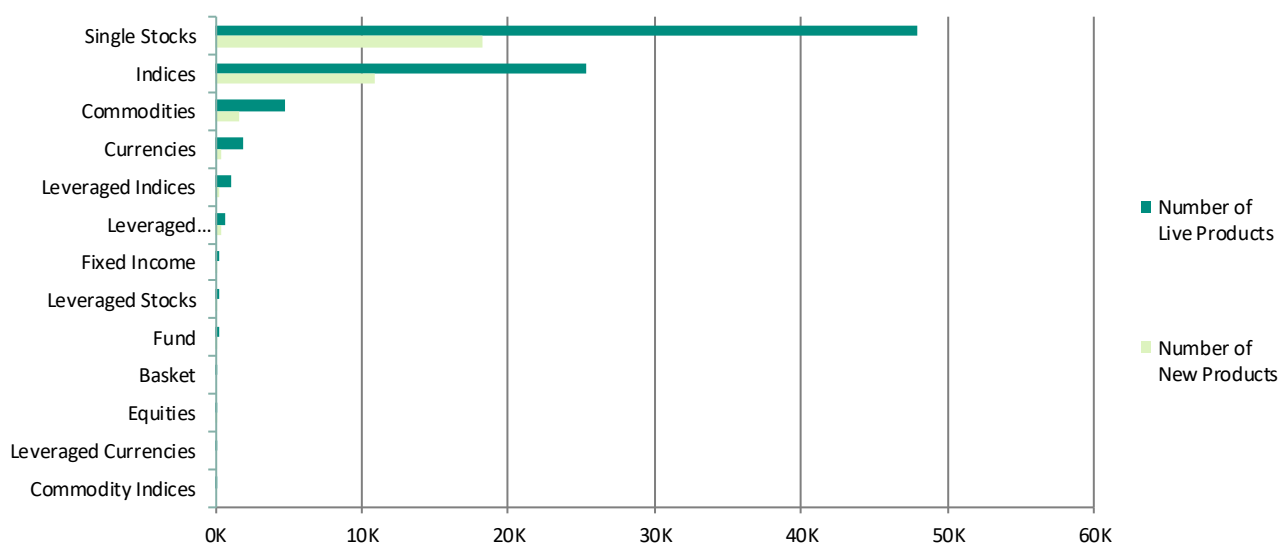
## Product Overview

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	47,998	5.3%	-4.2%	58.3%	18,237	-23%	6.4%	57.5%
Indices	25,266	2.9%	18.0%	30.7%	10,909	-10.1%	-4.4%	34.4%
Commodities	4,681	5.3%	17.2%	5.7%	1,554	-56%	-9.8%	4.9%
Currencies	1,868	7.0%	-4.4%	2.3%	369	-12.6%	-2.9%	1.2%
Leveraged Indices	1,077	6.9%	69%	1.3%	290	60%	110%	0.9%
Leveraged Commodities	609	-4.8%	32%	0.7%	310	35%	116%	1.0%
Fixed Income	293	-0.1%	-8.0%	0.4%	4	-83%	-87%	0.0%
Leveraged Stocks	279	-25%	14.8%	0.3%	24	9.1%	-32%	0.1%
Fund	204	3.0%	12.4%	0.2%	8	0.0%	60%	0.0%
Basket	22	0.2%	11.4%	0.0%	0		-100%	0.0%
Equities	8	29%	16.9%	0.0%	2	100%	33%	0.0%
Leveraged Currencies	3	-61%	-60%	0.0%	0			0.0%
Commodity Indices	1	0.0%	0.0%	0.0%	0			0.0%
<b>Total</b>	<b>82,309</b>	<b>4.4%</b>	<b>3.8%</b>	<b>100%</b>	<b>31,707</b>	<b>-21.2%</b>	<b>2.3%</b>	<b>100%</b>

(Source Euronext)

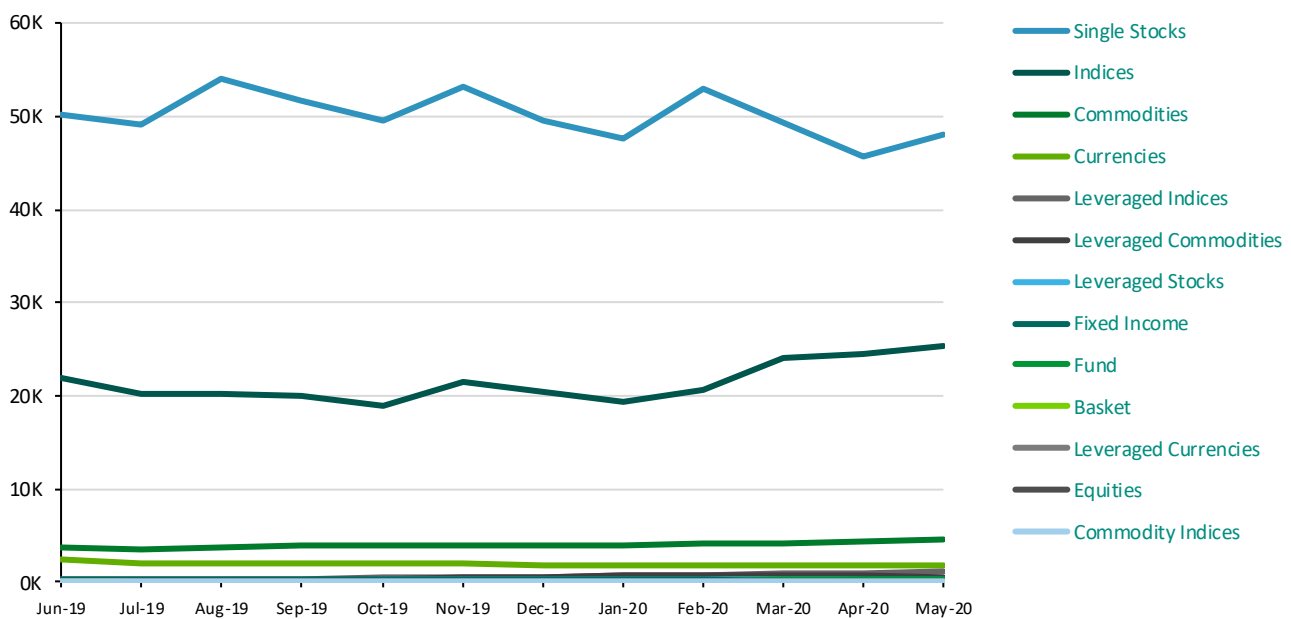




# UNDERLYING TYPES

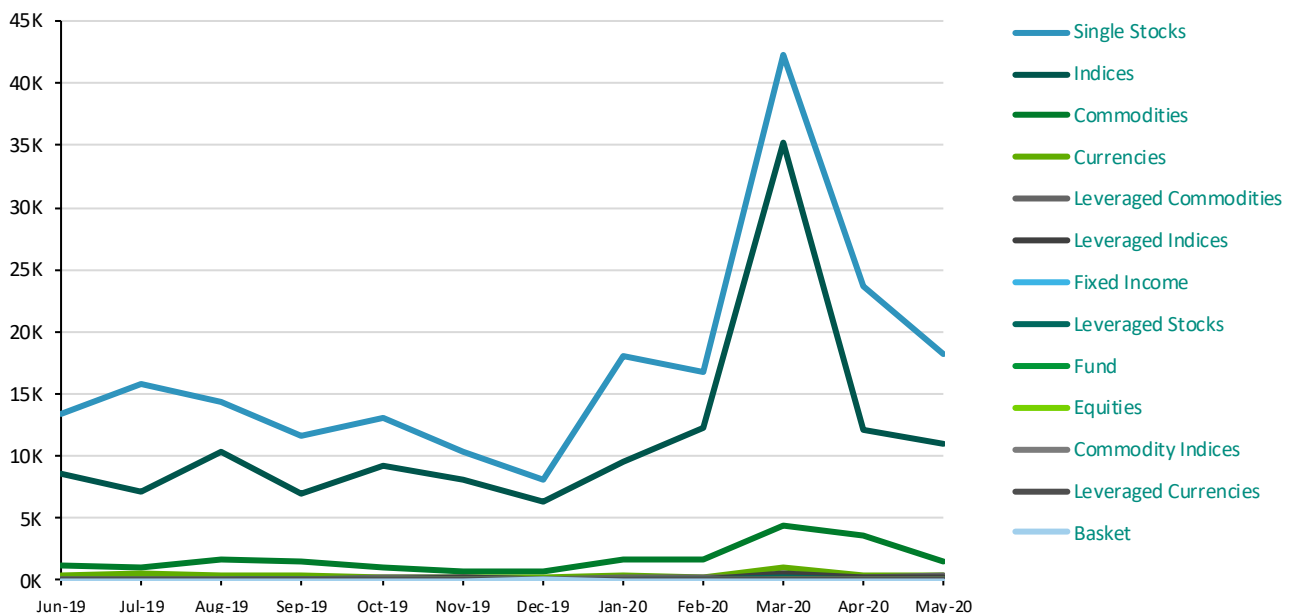
## Product Trend: Number of Live Products

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

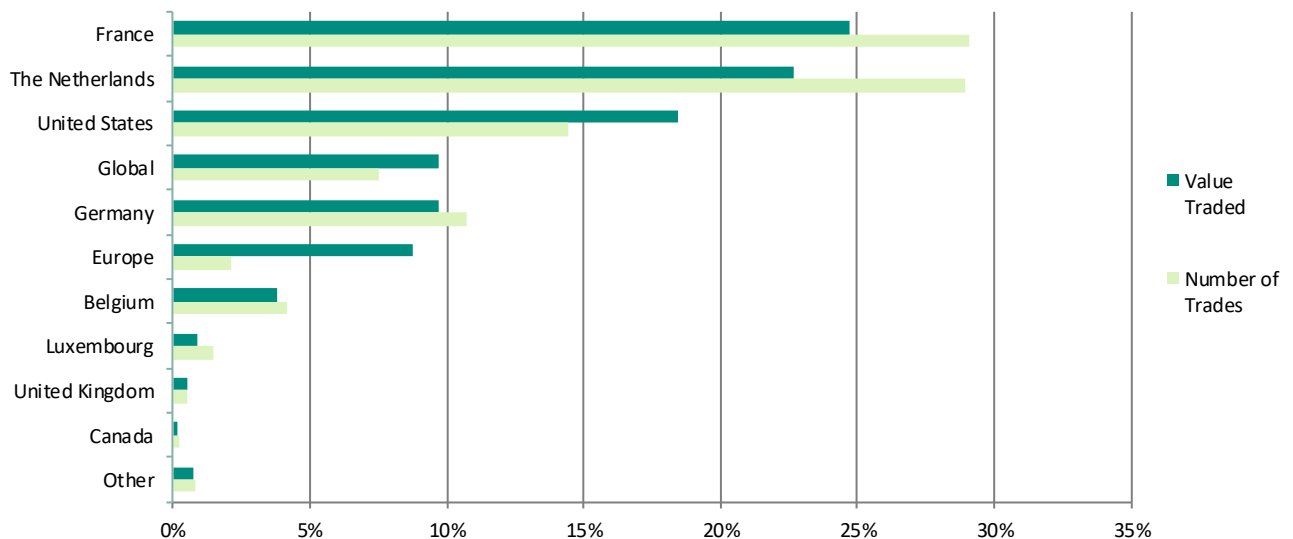
## Market Overview

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
France	13,871	-7.3%	35%	24.7%	5,689	-5.1%	37.4%	29.1%
The Netherlands	12,746	-27%	30%	22.7%	5,662	-16.5%	30%	29.0%
United States	10,382	-14.2%	51%	18.5%	2,825	-24%	45%	14.5%
Global	5,443	-24%	-4.1%	9.7%	1,476	-31%	10.3%	7.5%
Germany	5,432	-5.5%	39%	9.7%	2,093	4.0%	46%	10.7%
Europe	4,920	-30%	41%	8.8%	408	-29%	39%	2.1%
Belgium	2,125	19.2%	17.6%	3.8%	812	27%	56%	4.2%
Luxembourg	485	30%	-14.0%	0.9%	279	36%	19.6%	1.4%
United Kingdom	296	-8.8%	11.6%	0.5%	108	-5.2%	23%	0.6%
Canada	76	-8.5%	38%	0.1%	41	0.5%	46%	0.2%
Other	427	23%	-14.1%	0.8%	154	0.3%	14.5%	0.8%
<b>Total</b>	<b>56,202</b>	<b>-16.7%</b>	<b>30.0%</b>	<b>100%</b>	<b>19,546</b>	<b>-12.7%</b>	<b>34.6%</b>	<b>100%</b>

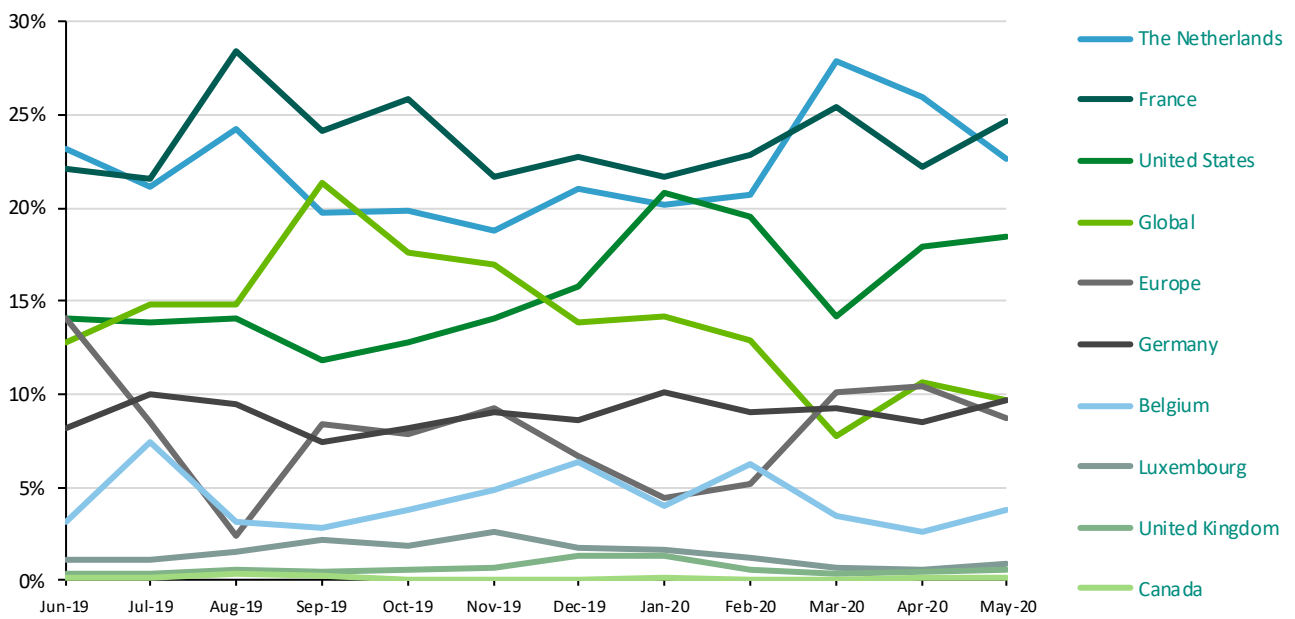
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

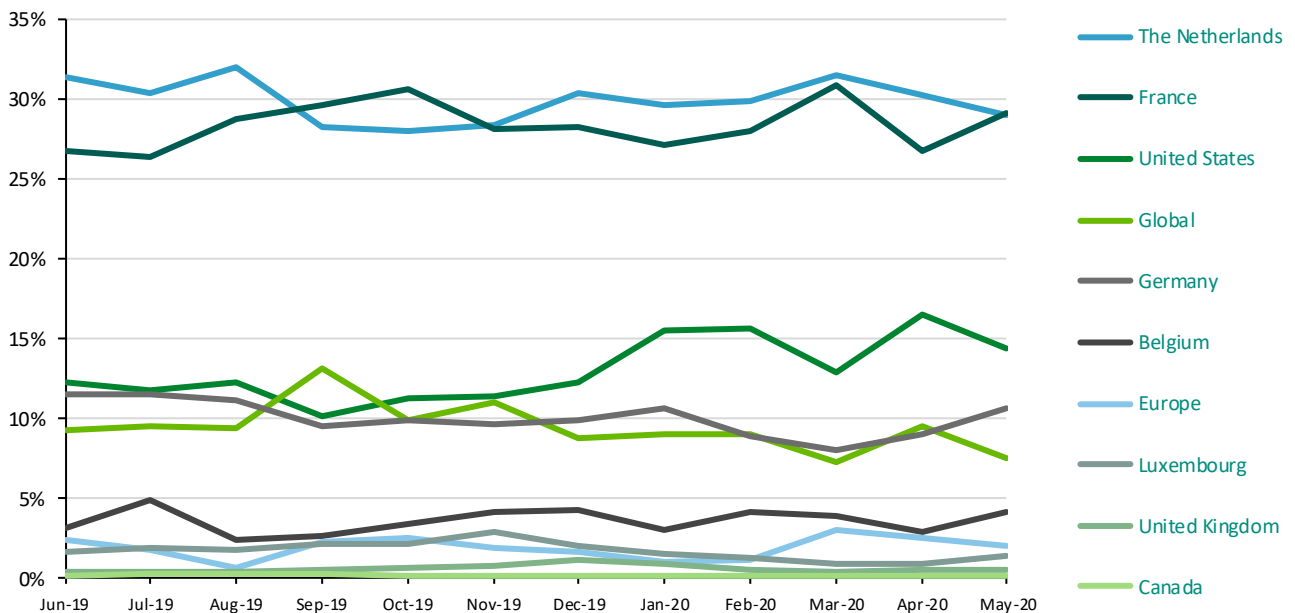
## Market Trend: Value traded

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

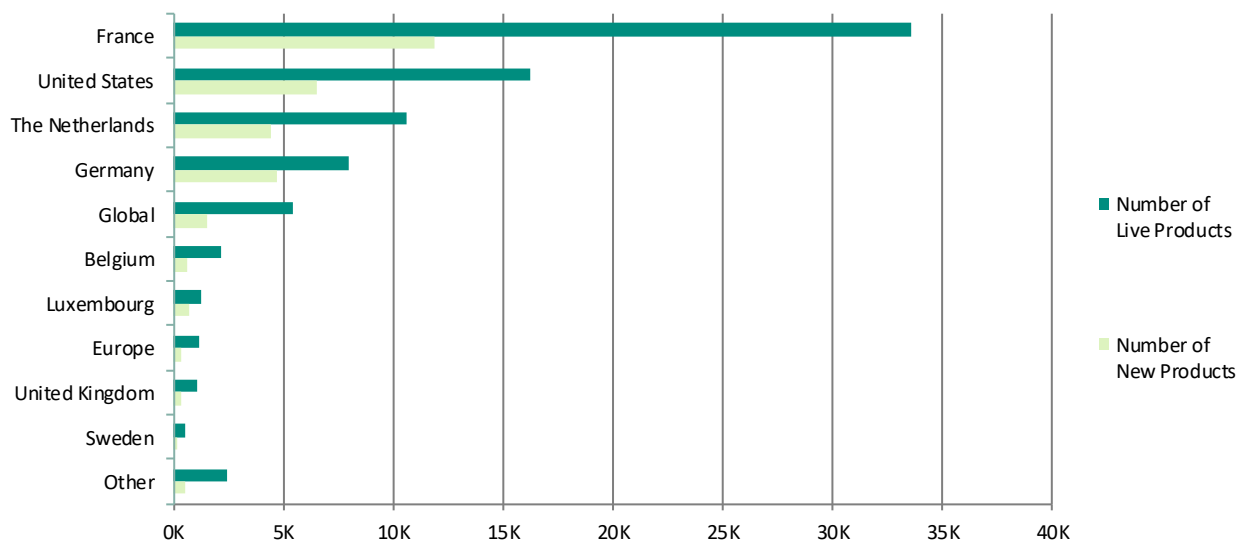
## Product Overview

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	33,556	2.6%	-2.9%	40.8%	11,905	-1.2%	-7.7%	37.5%
United States	16,272	6.9%	5.3%	19.8%	6,483	-37%	1.6%	20.4%
The Netherlands	10,564	5.3%	17.9%	12.8%	4,400	-21%	11.5%	13.9%
Germany	7,931	8.3%	13.7%	9.6%	4,705	-18.4%	35%	14.8%
Global	5,417	2.2%	7.7%	6.6%	1,530	-49%	-12.5%	4.8%
Belgium	2,116	5.8%	-1.1%	2.6%	641	-26%	-5.3%	2.0%
Luxembourg	1,234	6.3%	2.0%	1.5%	699	-4.0%	16.5%	2.2%
Europe	1,153	-3.6%	16.6%	1.4%	318	-7.8%	16.2%	1.0%
United Kingdom	1,098	4.2%	-1.1%	1.3%	315	-25%	9.6%	1.0%
Sweden	500	8.9%	8.6%	0.6%	203	-20%	30%	0.6%
Other	2,469	2.7%	2.1%	3.0%	508	-45%	-5.5%	1.6%
<b>Total</b>	<b>82,309</b>	<b>4.4%</b>	<b>3.8%</b>	<b>100%</b>	<b>31,707</b>	<b>-21.2%</b>	<b>2.3%</b>	<b>100%</b>

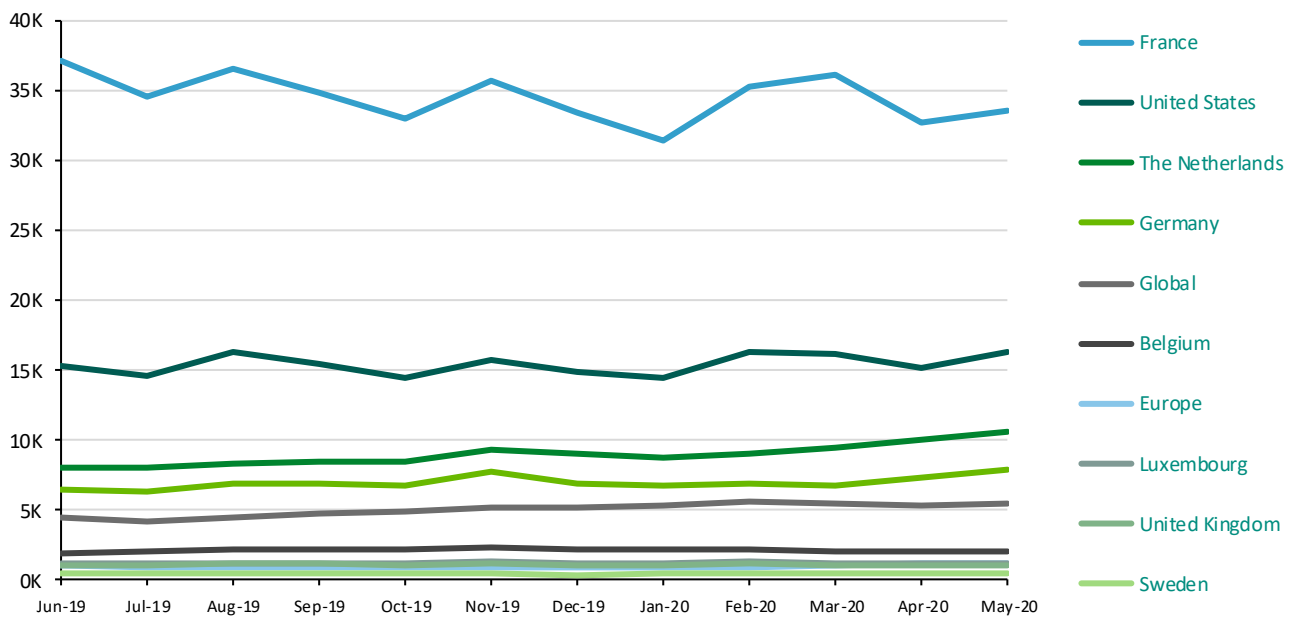
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

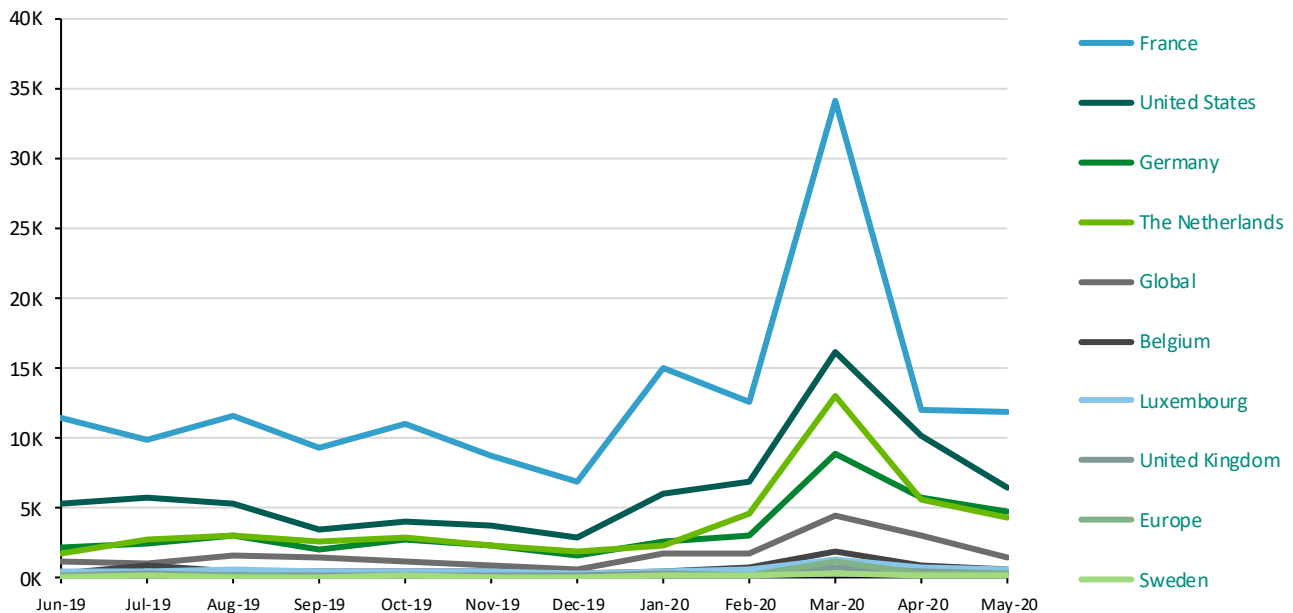
## Product Trend: Number of Live Products

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

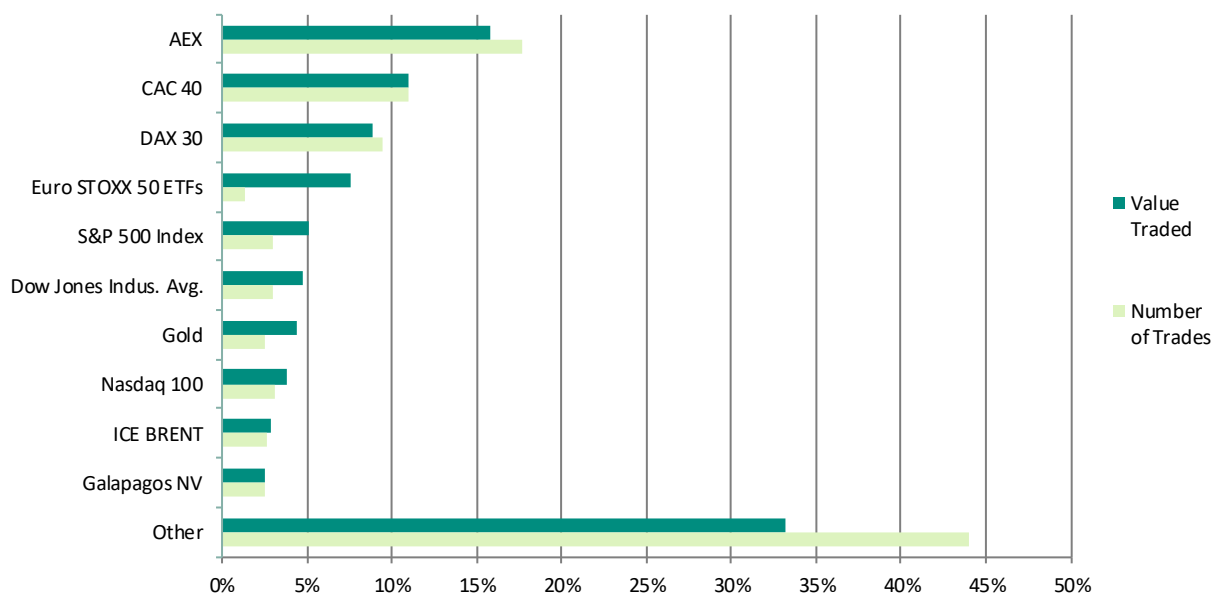
## Market Overview

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
AEX	8,894	-30%	30%	15.8%	3,451	-15.9%	22.6%	17.7%
CAC 40	6,183	-21%	22%	11.0%	2,149	-12.3%	14.6%	11.0%
DAX 30	4,997	-3.6%	42%	8.9%	1,836	4.9%	45%	9.4%
Euro STOXX 50 ETFs	4,265	-34%	88%	7.6%	255	-33%	63%	1.3%
S&P 500 Index	2,888	0.9%	43%	5.1%	584	-22%	59%	3.0%
Dow Jones Indus. Avg.	2,679	-19.4%	69%	4.8%	572	-26%	39%	2.9%
Gold	2,457	-26%	35%	4.4%	484	-10.8%	18.0%	2.5%
Nasdaq 100	2,141	36%	76%	3.8%	613	21%	59%	3.1%
ICE BRENT	1,612	-39%	67%	2.9%	505	-56%	29%	2.6%
Galapagos NV	1,427	18.5%	6.3%	2.5%	490	42%	59%	2.5%
Other	18,658	-8.1%	12.5%	33.2%	8,605	-10.5%	40%	44.0%
<b>Total</b>	<b>56,202</b>	<b>-16.7%</b>	<b>30.0%</b>	<b>100%</b>	<b>19,546</b>	<b>-12.7%</b>	<b>34.6%</b>	<b>100%</b>

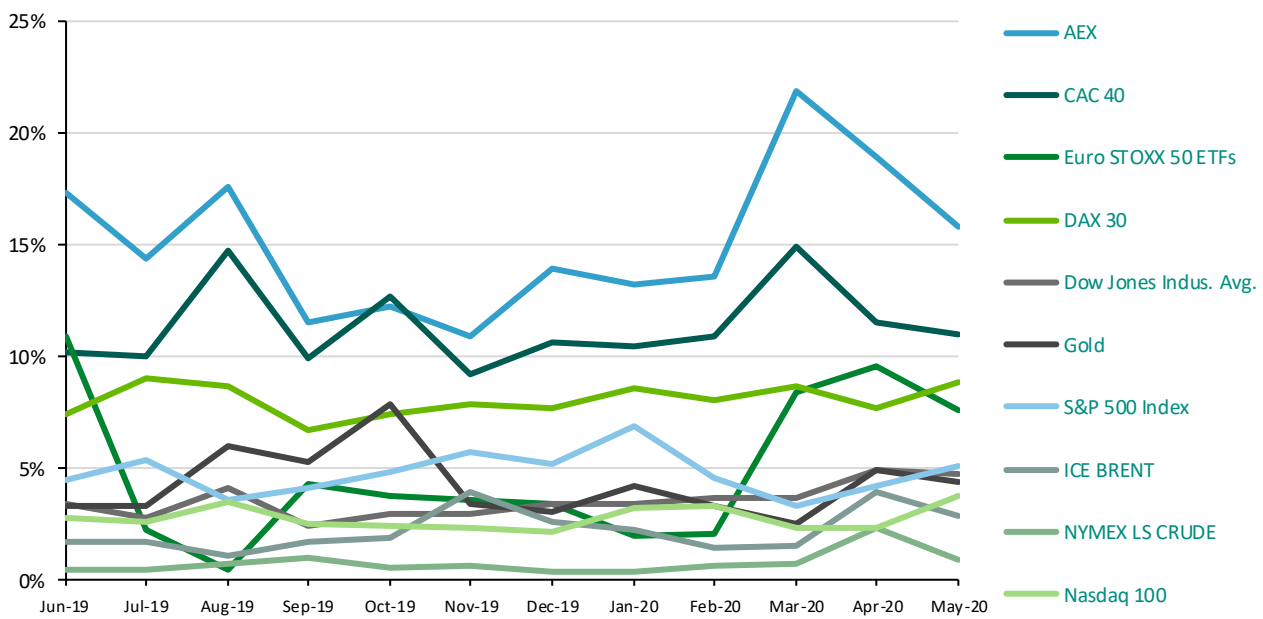
(Source Euronext)



# TOP 10 UNDERLYINGS

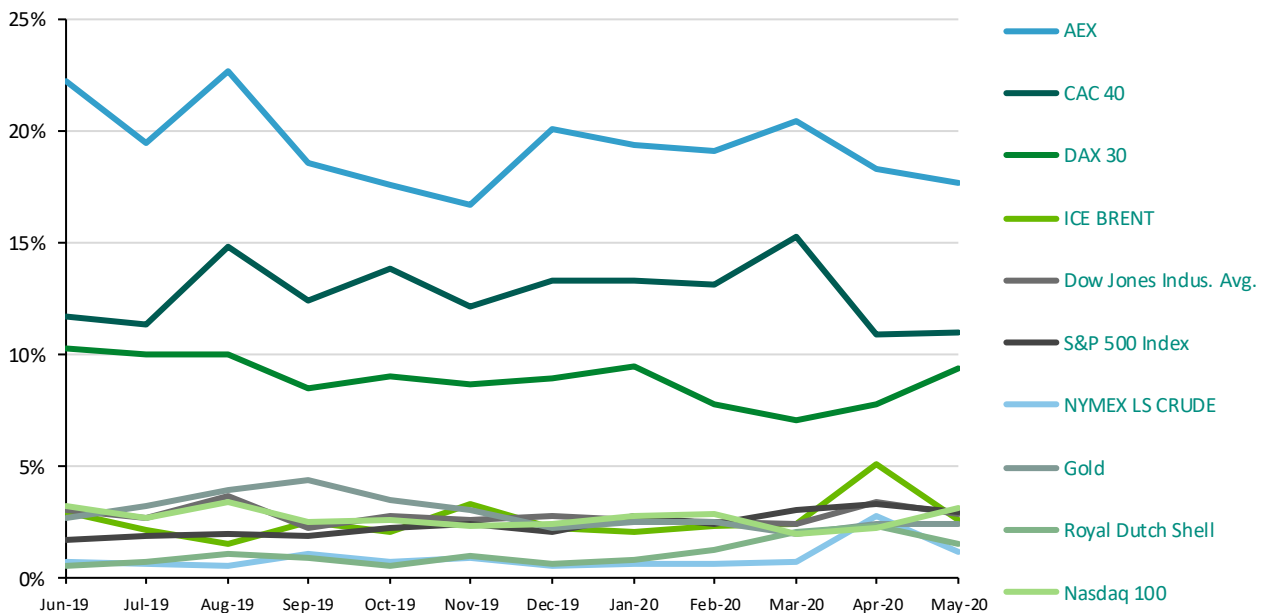
## Market Trend: Value traded

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

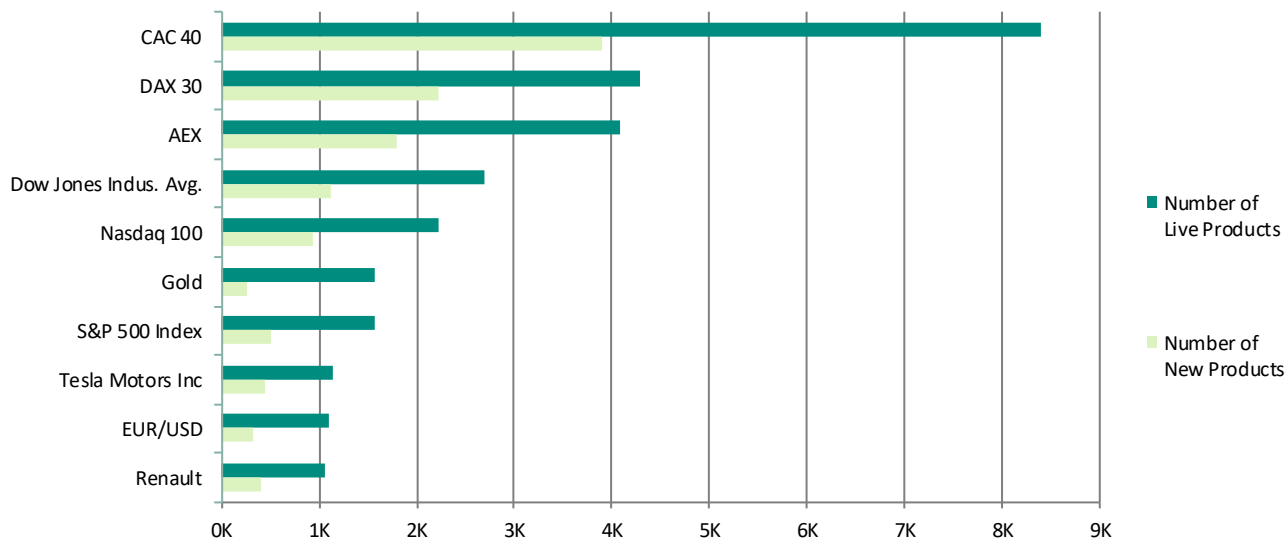
## Product Overview

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	8,394	-2.6%	13.7%	10.2%	3,905	12.4%	-13.6%	12.3%
DAX 30	4,281	10.1%	20%	5.2%	2,214	-7.6%	15.8%	7.0%
AEX	4,094	5.0%	42%	5.0%	1,796	-11.2%	12.7%	5.7%
Dow Jones Indus. Avg.	2,699	8.0%	24%	3.3%	1,128	-35%	-9.6%	3.6%
Nasdaq 100	2,230	5.7%	6.8%	2.7%	938	-25%	-12.9%	3.0%
Gold	1,576	8.9%	14.4%	1.9%	252	-61%	-40%	0.8%
S&P 500 Index	1,568	6.4%	6.5%	1.9%	510	-27%	-15.3%	1.6%
Tesla Motors Inc	1,132	2.2%	17.4%	1.4%	448	-40%	-23%	1.4%
EUR/USD	1,107	11.7%	-0.9%	1.3%	318	3.9%	22%	1.0%
Renault	1,061	0.3%	9.0%	1.3%	404	27%	-2.1%	1.3%
Other	54,168	4.6%	-2.1%	65.8%	19,794	-26%	7.7%	62.4%
<b>Total</b>	<b>82,309</b>	<b>4.4%</b>	<b>3.8%</b>	<b>100%</b>	<b>31,707</b>	<b>-21.2%</b>	<b>2.3%</b>	<b>100%</b>

(Source Euronext)

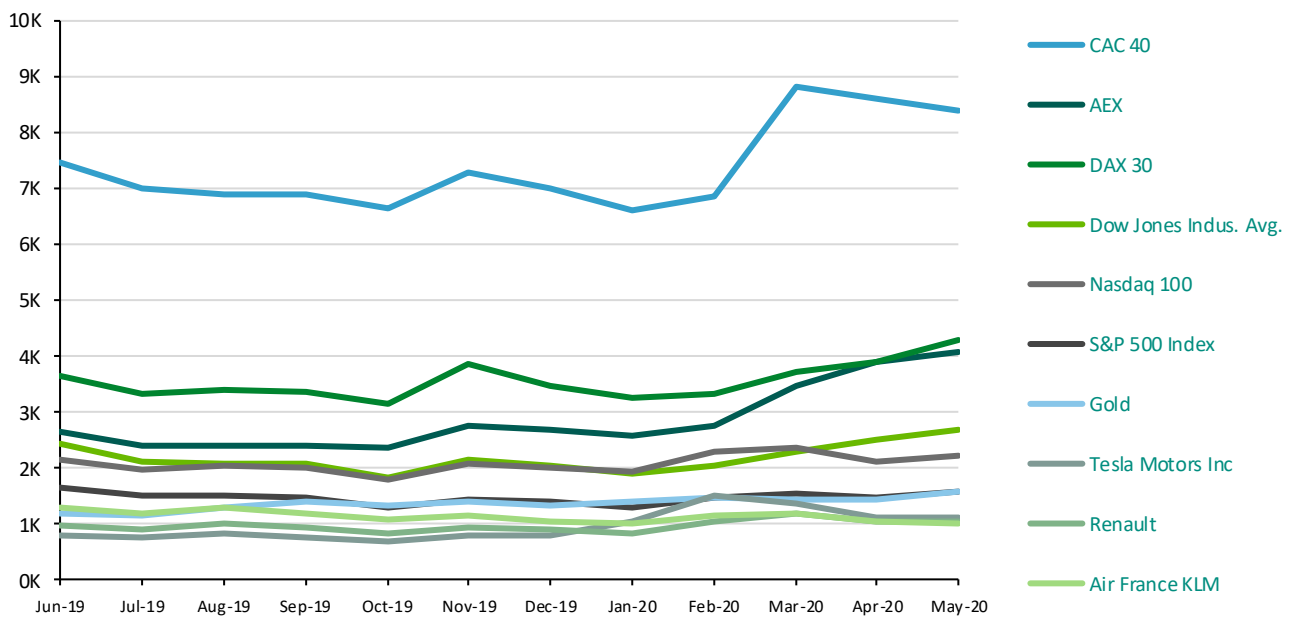




# TOP 10 UNDERLYINGS

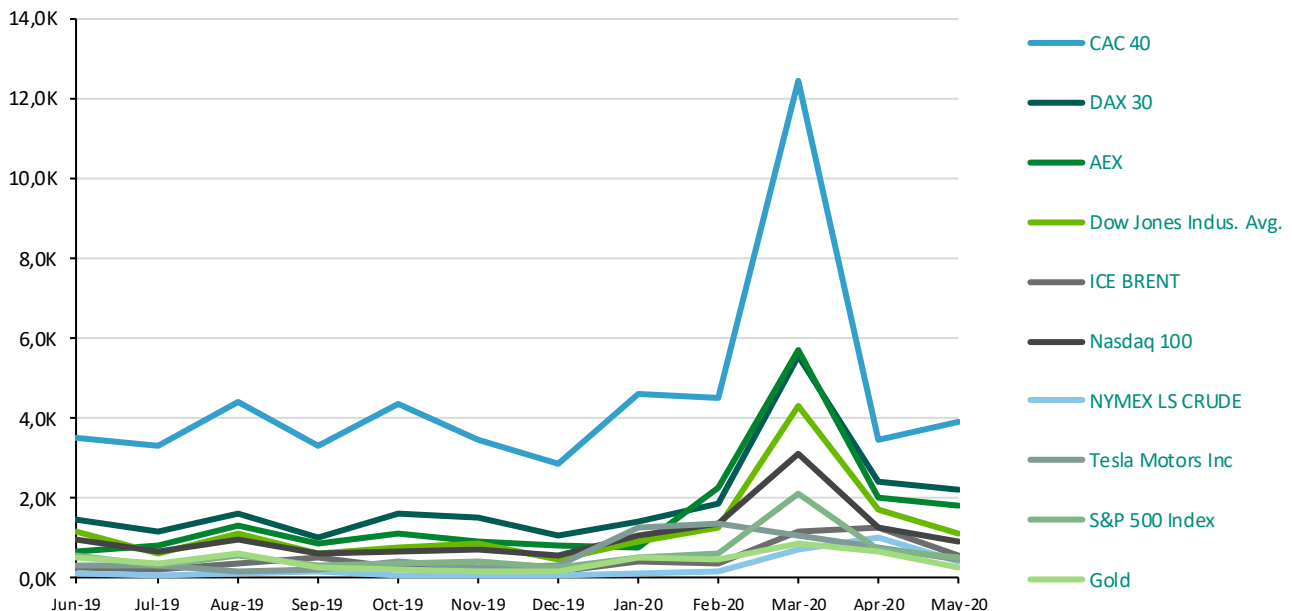
## Product Trend: Number of Live Products

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
NL0013666233	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	26,146	112
NL0014433302	ING	2100   Warrants	Euro STOXX 50 ETFs	16,243	1,156
DE000VF8EEJ5	Vontobel	2205   Open-End Knock-Out Warrants	Gold	12,003	51
NL0014433294	ING	2100   Warrants	Euro STOXX 50 ETFs	9,298	746
NL0014433310	ING	2100   Warrants	Euro STOXX 50 ETFs	8,979	851
NL0014433286	ING	2100   Warrants	Euro STOXX 50 ETFs	5,735	874
PTBITTYE0094	BCP	1300   Tracker Certificates	MSCI World Index	5,493	399
NL0013666225	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	5,374	101
DE000VP3JOG3	Vontobel	2205   Open-End Knock-Out Warrants	AEX	4,684	358
PTBITHYM0080	BCP	1300   Tracker Certificates	S&P 500 Index	4,607	399
NL0014433278	ING	2100   Warrants	Euro STOXX 50 ETFs	3,455	447
DE000CL7K3Z9	Société Générale	2205   Open-End Knock-Out Warrants	AEX	3,370	629
DE000CL5AN89	Société Générale	2300   Constant Leverage Certificate	CAC 40	3,234	790
NL0013920580	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	3,220	17
NL0014155608	BNP Paribas	2210   Mini-Futures	Galapagos NV	3,138	613
NL0014832230	BNP Paribas	2210   Mini-Futures	S&P 500 Index	3,096	30
NL0014819310	BNP Paribas	2210   Mini-Futures	S&P 500 Index	3,039	32
NL0014486995	BNP Paribas	2210   Mini-Futures	AEX	3,005	702
FR0010961078	Société Générale	2300   Constant Leverage Certificate	CAC 40 x5 Leverage Index	2,815	540
NL0014487001	BNP Paribas	2210   Mini-Futures	AEX	2,744	379
NL0014482309	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,573	29
DE000VN610B3	Vontobel	2300   Constant Leverage Certificate	Gold x12 Leverage Index	2,541	625
NL0014132557	ING	2100   Warrants	Euro STOXX 50 ETFs	2,474	228
NL0014484271	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2,462	956
DE000CL1GL89	Société Générale	2300   Constant Leverage Certificate	CAC 40	2,459	845
NL0014709602	Goldman Sachs	2205   Open-End Knock-Out Warrants	Euro STOXX 50	2,401	116
NL0014433260	ING	2100   Warrants	Euro STOXX 50 ETFs	2,381	264
DE000CL5AN63	Société Générale	2300   Constant Leverage Certificate	DAX 30	2,212	87
DE000CL5CGS6	Société Générale	2100   Warrants	Renault	2,173	136
NL0014487738	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,156	50
DE000VP3GRZ7	Vontobel	2205   Open-End Knock-Out Warrants	S&P 500 Index	2,150	188
DE000KA39SH9	Citi	2200   Knock-Out Warrants	S&P 500 Index	2,082	50
FRBNPP01JJ27	BNP Paribas	2210   Mini-Futures	CAC 40	2,075	94
NL0014830747	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,064	16
FRBNPP01JMP3	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	2,041	606
FRBNPP01N616	BNP Paribas	2205   Open-End Knock-Out Warrants	ICE BRENT	2,021	129
NL0014446742	ING	2205   Open-End Knock-Out Warrants	AEX	2,012	221
NL0014844680	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,007	24
NL0014496374	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,959	85
FRBNPP0195F0	BNP Paribas	2300   Constant Leverage Certificate	DAX 30	1,943	74
FRBNPP01MH16	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,911	127
DE000CL5CP69	Société Générale	2100   Warrants	Unibail-Rodamco	1,909	144
NL0014498057	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	1,903	40
PTBIVRYE0068	BCP	1300   Tracker Certificates	Euro STOXX 50	1,888	239
NL0014491284	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	1,873	328
DE000SR8E0T8	Société Générale	2205   Open-End Knock-Out Warrants	AEX	1,849	40
DE000VP3FOW4	Vontobel	2205   Open-End Knock-Out Warrants	DAX 30	1,830	30
FRBNPP01NNG2	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,828	111
DE000VE8MJ00	Vontobel	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,817	55
NL0014110371	ING	2205   Open-End Knock-Out Warrants	AEX	1,784	132

(Source Euronext)



Euronext Amsterdam

# ISSUERS

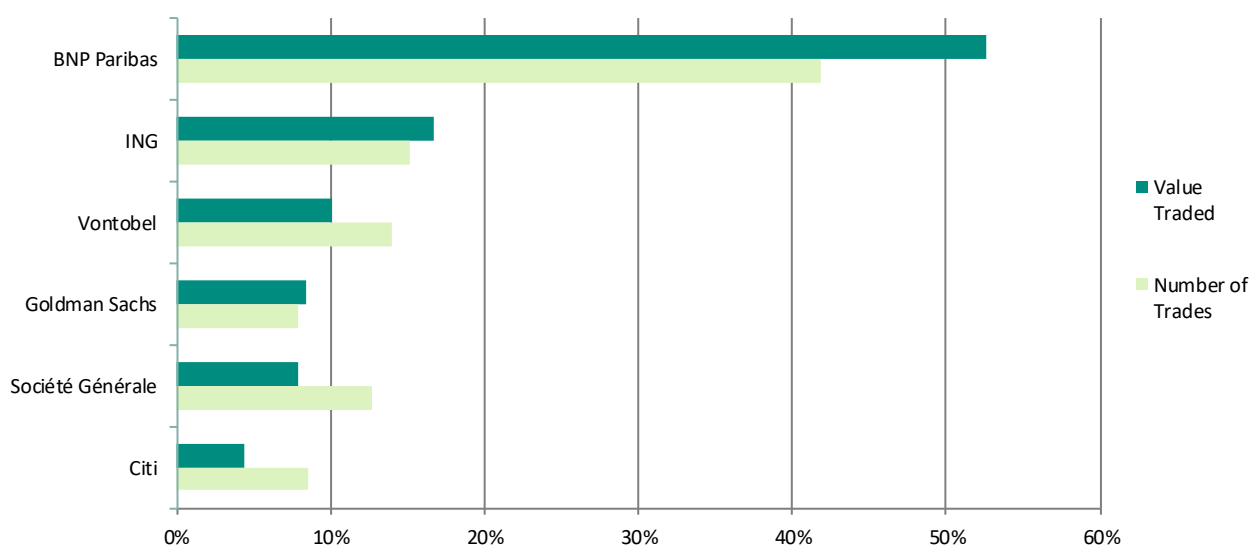
## Market Overview

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	15,384	-19.3%	41%	52.6%	4,258	-22.1%	41.3%	41.8%
ING	4,874	-29%	44%	16.7%	1,542	-17.2%	27.9%	15.1%
Vontobel	2,960	-11.5%	60%	10.1%	1,425	16.6%	51.3%	14.0%
Goldman Sachs	2,447	-39%	-4.7%	8.4%	796	-33.5%	-13.2%	7.8%
Société Générale	2,319	-25%	235%	7.9%	1,289	-18.8%	272.8%	12.7%
Citi	1,269	-28%	47%	4.3%	874	-17.4%	44.4%	8.6%
Total	29,253	-23.3%	32.0%	100%	10,185	-17.8%	27.4%	100%

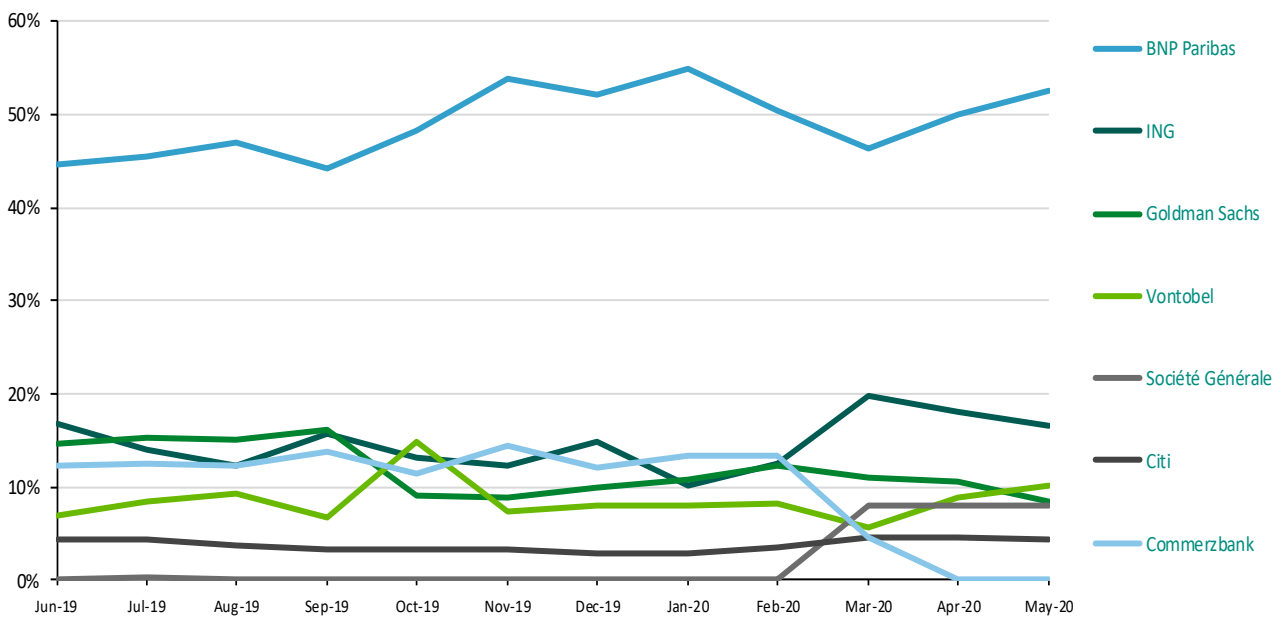
(Source Euronext)



# ISSUERS

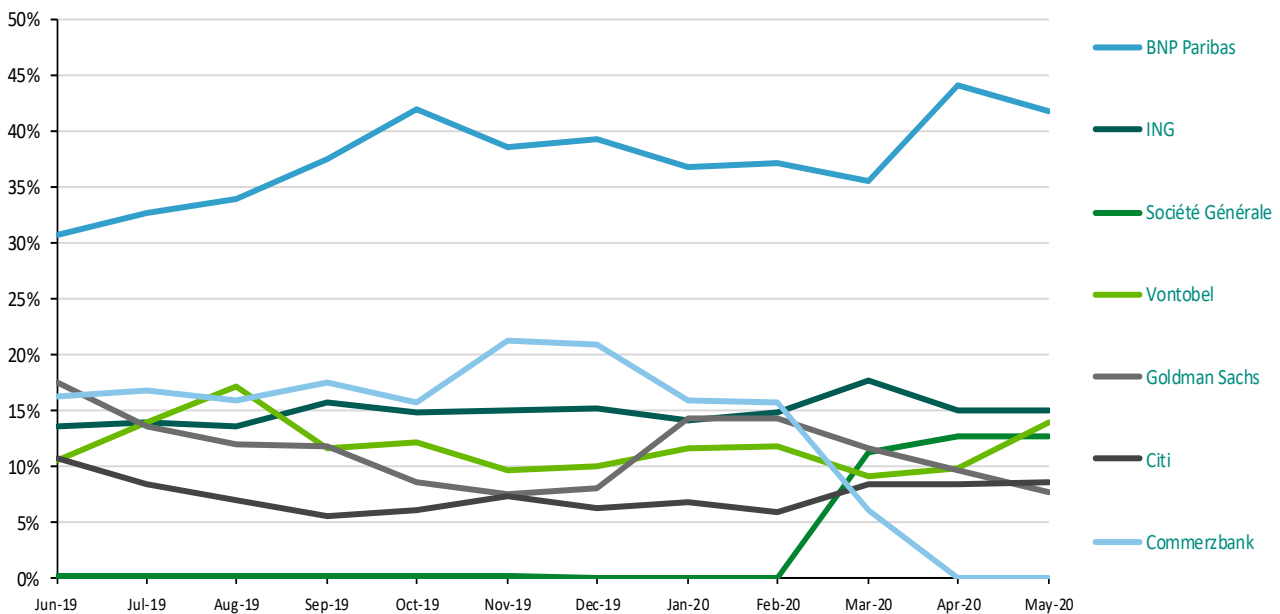
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

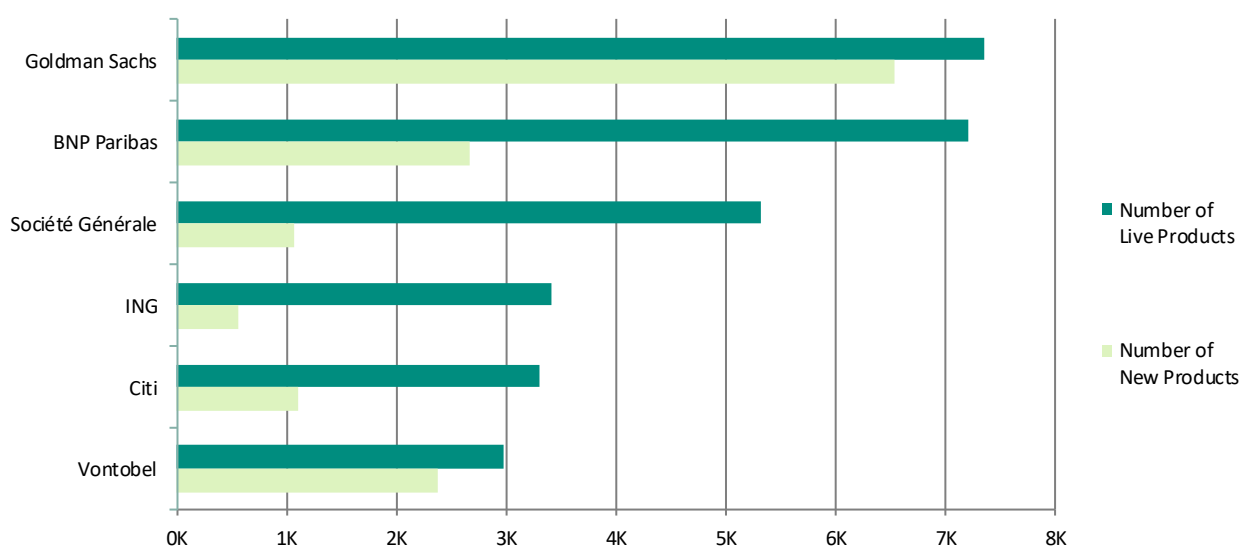
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	7,352	17.7%	6.6%	24.9%	6,533	-19.9%	66%	45.7%
BNP Paribas	7,202	1.1%	38%	24.4%	2,664	-22%	11.5%	18.6%
Société Générale	5,323	1.9%	364%	18.0%	1,076	-67%	61%	7.5%
ING	3,411	7.8%	5.8%	11.5%	552	-52%	-24%	3.9%
Citi	3,296	6.1%	30%	11.1%	1,101	-16.7%	16.4%	7.7%
Vontobel	2,980	3.2%	10.0%	10.1%	2,370	2.1%	19.9%	16.6%
Total	29,563	6.5%	16.1%	100%	14,296	-27.2%	25.3%	100%

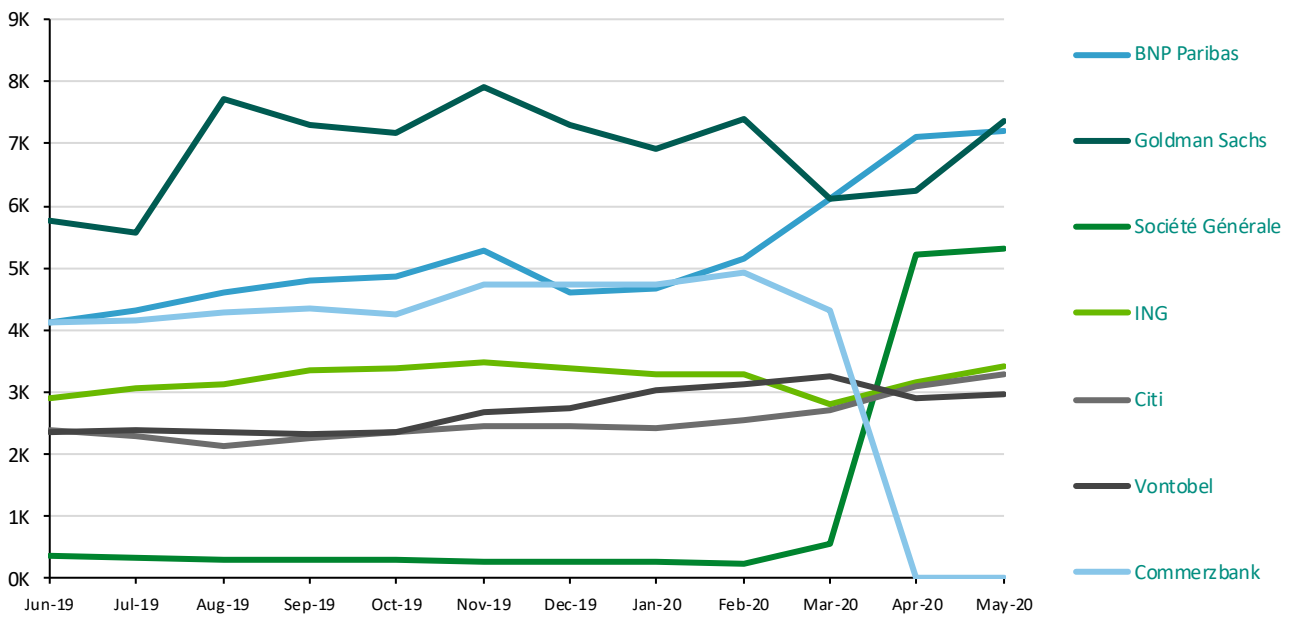
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# ISSUERS

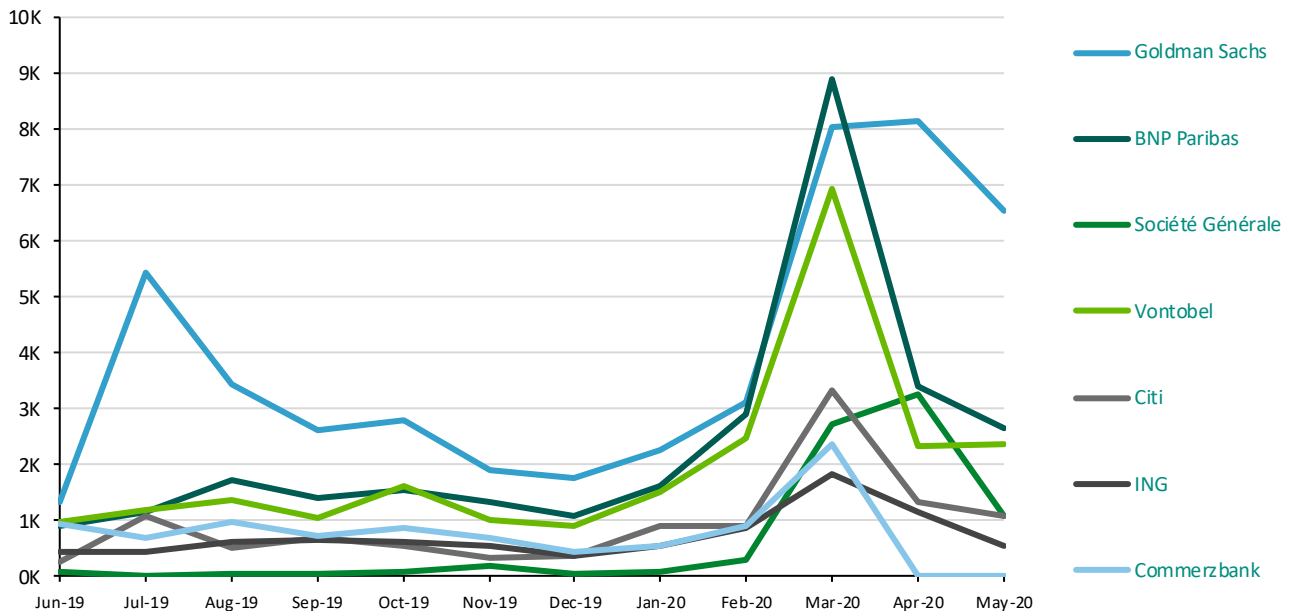
## Product Trend: Number of Live Products

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

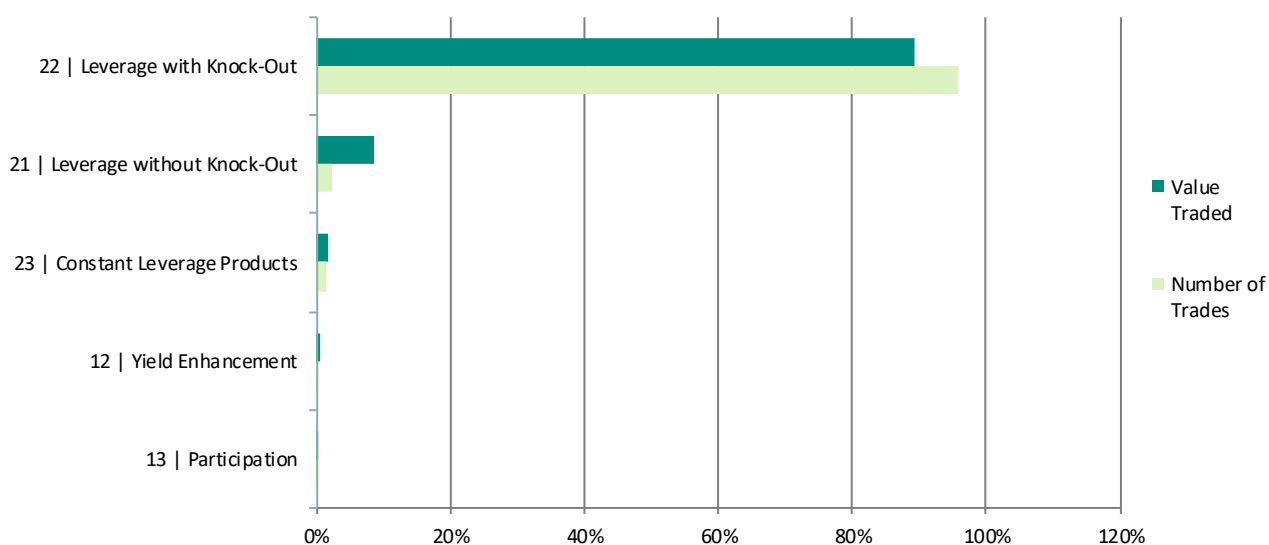
## Market Overview

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	26,129	-23%	29%	89.3%	9,773	-17.1%	26.6%	96.0%
21   Leverage without Knock-Out	2,505	-32%	91%	8.6%	243	-31.1%	67.1%	2.4%
23   Constant Leverage Products	474	59%	58%	1.6%	153	-38.4%	40.2%	1.5%
12   Yield Enhancement	125	52%	-31%	0.4%	12	34.4%	-27.4%	0.1%
13   Participation	20	30%	-40%	0.1%	4.7	84.3%	-0.4%	0.0%
<b>Total</b>	<b>29,253</b>	<b>-23.3%</b>	<b>32.0%</b>	<b>100%</b>	<b>10,185</b>	<b>-17.8%</b>	<b>27.4%</b>	<b>100%</b>

(Source Euronext)

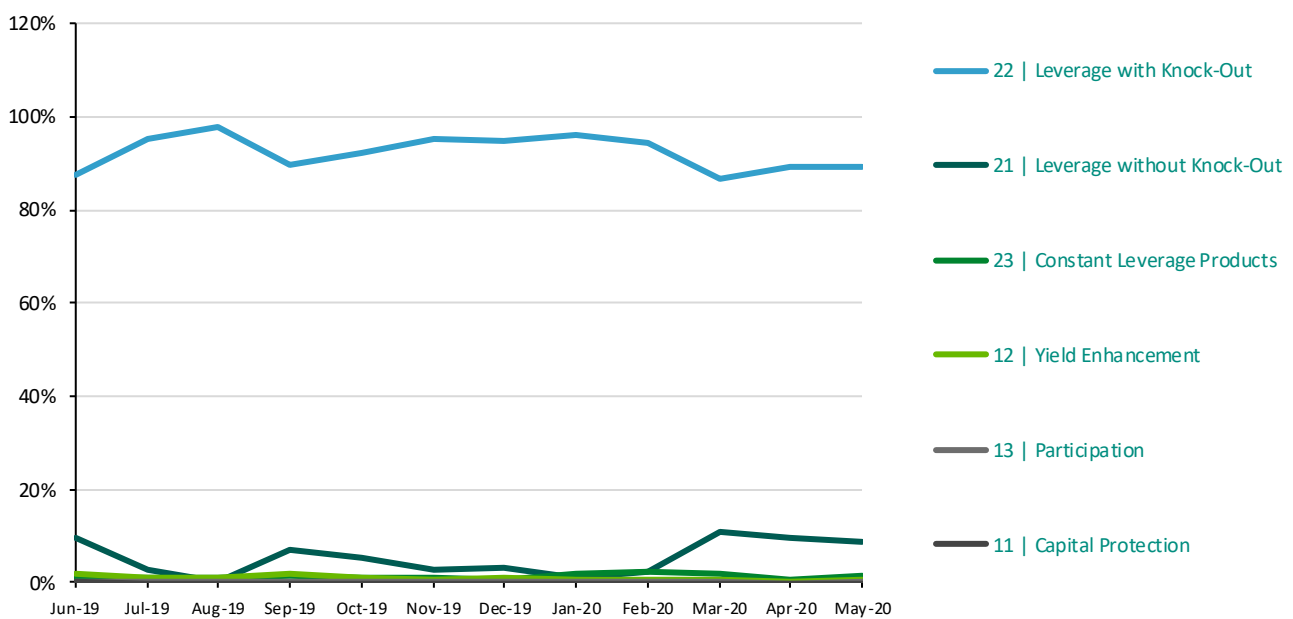




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

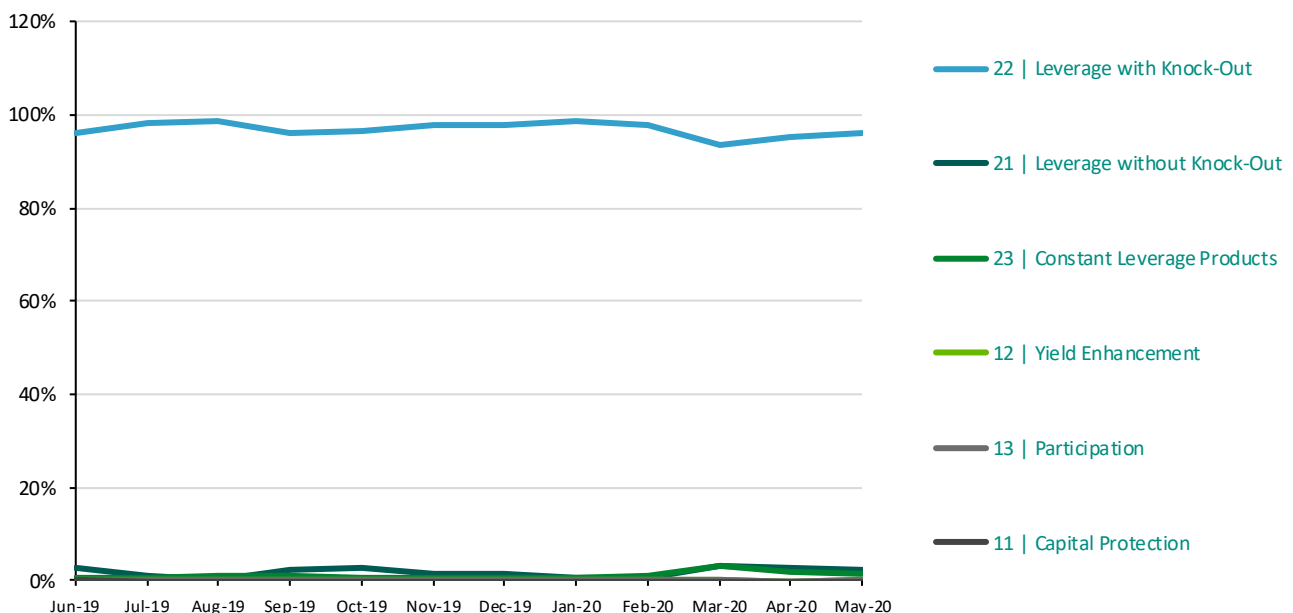
## Market Trend: Value traded

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)

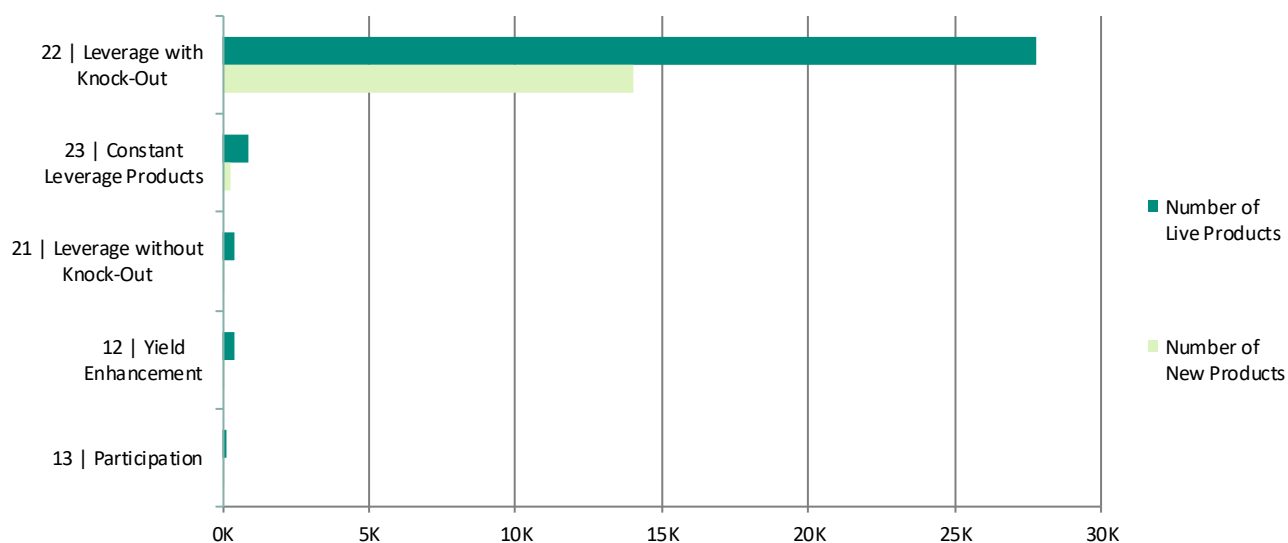
## Product Overview

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	27,797	6.9%	14.7%	94.0%	13,991	-28%	25%	97.9%
23   Constant Leverage Products	886	1.3%	82%	3.0%	230	-1.3%	90%	1.6%
21   Leverage without Knock-Out	387	2.3%	22%	1.3%	10	-86%	-81%	0.1%
12   Yield Enhancement	367	0.5%	28%	1.2%	53	960%	0.0%	0.4%
13   Participation	126	0.1%	-7.9%	0.4%	12	500%	-15.3%	0.1%
<b>Total</b>	<b>29,563</b>	<b>6.5%</b>	<b>16.1%</b>	<b>100%</b>	<b>14,296</b>	<b>-27.2%</b>	<b>25.3%</b>	<b>100%</b>

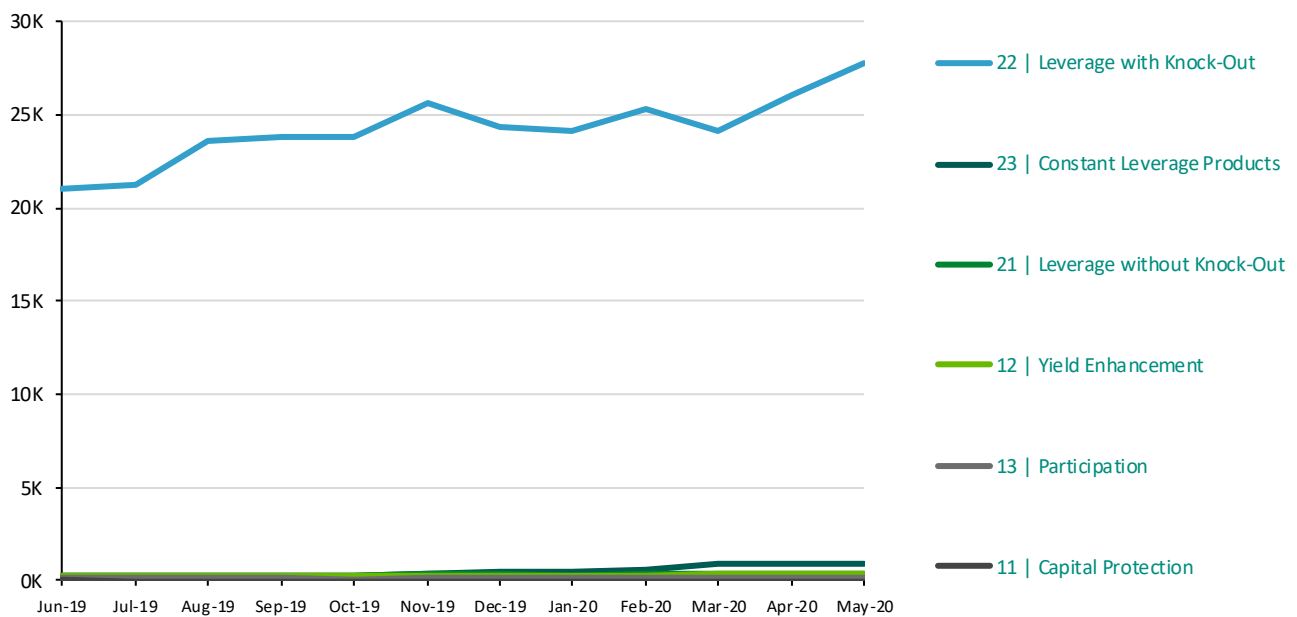
(Source Euronext)



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

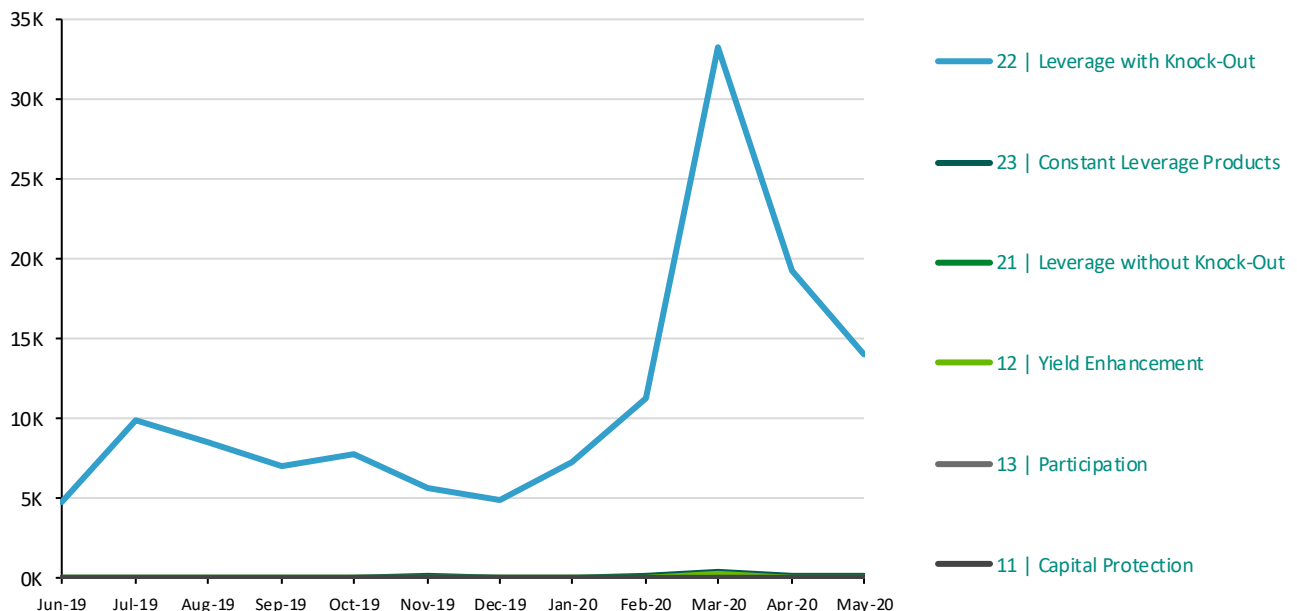
## Product Trend: Number of Live Products

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)

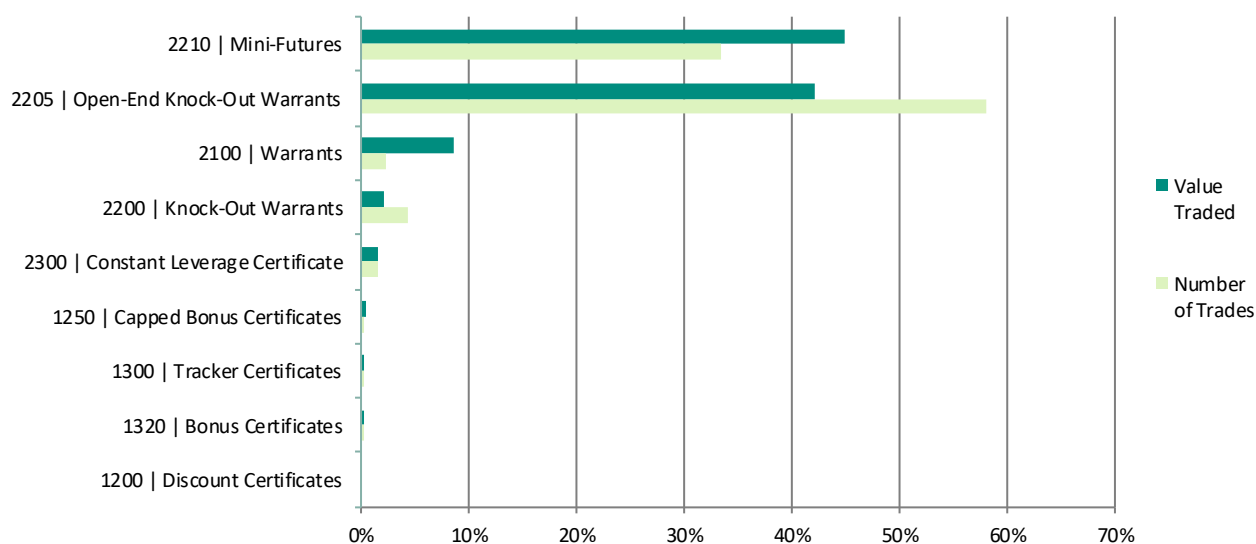
## Market Overview

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
2210   Mini-Futures	13,142	-22%	46%	44.9%	3,416	-24.3%	40.3%	33.5%
2205   Open-End Knock-Out Warrants	12,354	-24%	14.4%	42.2%	5,921	-13.5%	20%	58.1%
2100   Warrants	2,505	-32%	91%	8.6%	243	-31%	67%	2.4%
2200   Knock-Out Warrants	633	-28%	14.4%	2.2%	435	3.5%	23%	4.3%
2300   Constant Leverage Certificate	474	59%	58%	1.6%	153	-38%	40%	1.5%
1250   Capped Bonus Certificates	125	52%	-31%	0.4%	12	34%	-27%	0.1%
1300   Tracker Certificates	13	15.9%	-42%	0.0%	2.5	79%	-1.7%	0.0%
1320   Bonus Certificates	7	64%	-38%	0.0%	2.2	91%	1.0%	0.0%
1200   Discount Certificates	0			0.0%	0.0			0.0%
<b>Total</b>	<b>29,253</b>	<b>-23%</b>	<b>32%</b>	<b>100%</b>	<b>10,185</b>	<b>-17.8%</b>	<b>27%</b>	<b>100%</b>

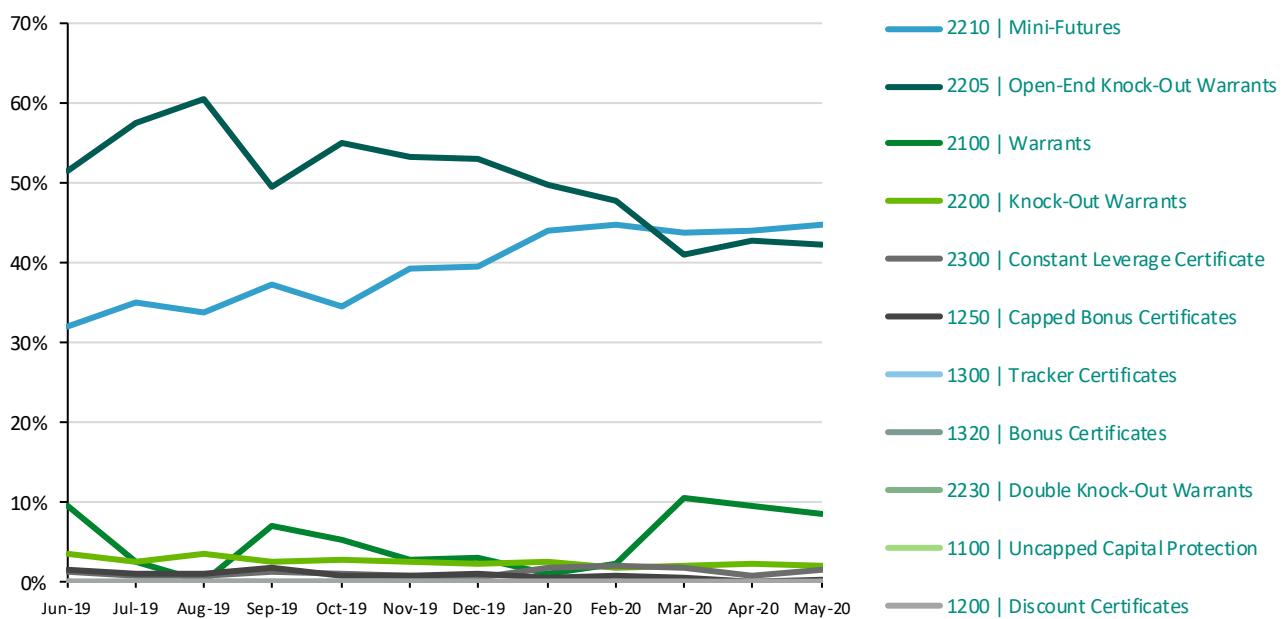
(Source Euronext)



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

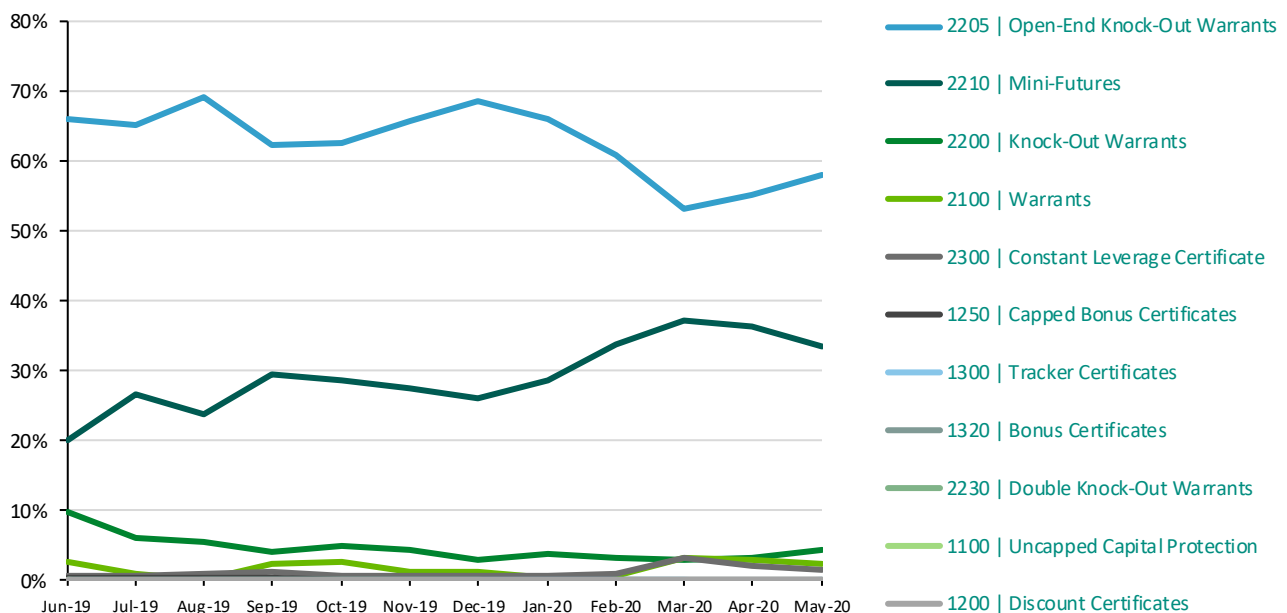
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

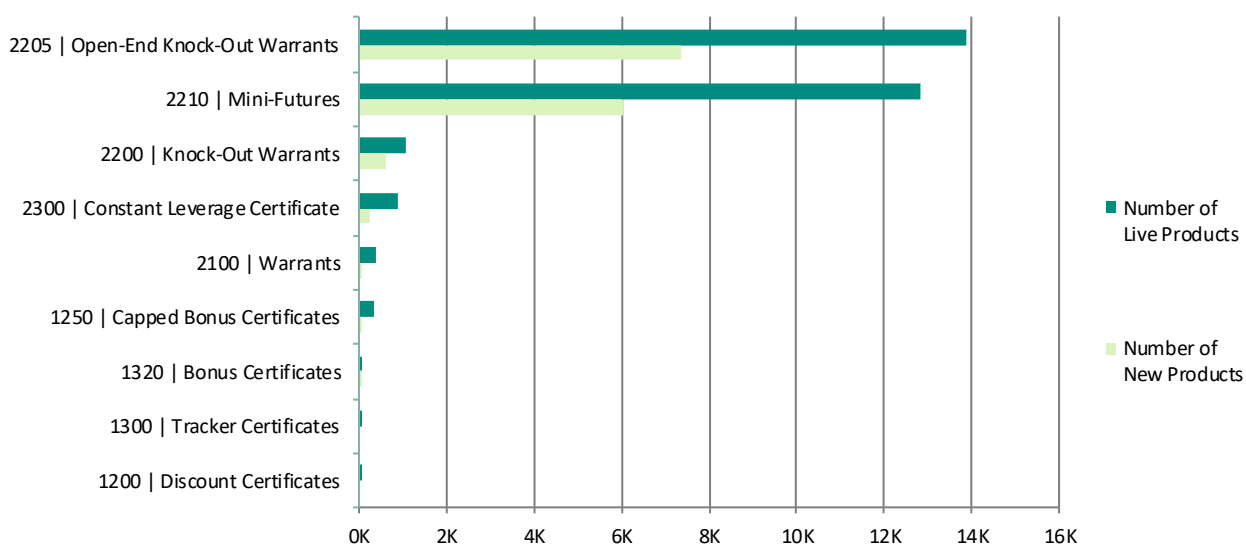
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	13,895	8.5%	17.5%	47.0%	7,344	-26%	30%	51.4%
2210   Mini-Futures	12,836	3.8%	11.4%	43.4%	6,027	-30%	22%	42.2%
2200   Knock-Out Warrants	1,065	27%	23%	3.6%	620	-24%	7.2%	4.3%
2300   Constant Leverage Certificate	886	1.3%	82%	3.0%	230	-1.3%	90%	1.6%
2100   Warrants	387	2.3%	22%	1.3%	10	-86%	-81%	0.1%
1250   Capped Bonus Certificates	360	0.5%	28%	1.2%	53	960%	1.1%	0.4%
1320   Bonus Certificates	70	1.6%	-11.7%	0.2%	12	500%	-15.3%	0.1%
1300   Tracker Certificates	56	-1.7%	-2.6%	0.2%	0			0.0%
1200   Discount Certificates	7	0.0%	59%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>29,563</b>	<b>6.5%</b>	<b>16.1%</b>	<b>100%</b>	<b>14,296</b>	<b>-27%</b>	<b>25%</b>	<b>100%</b>

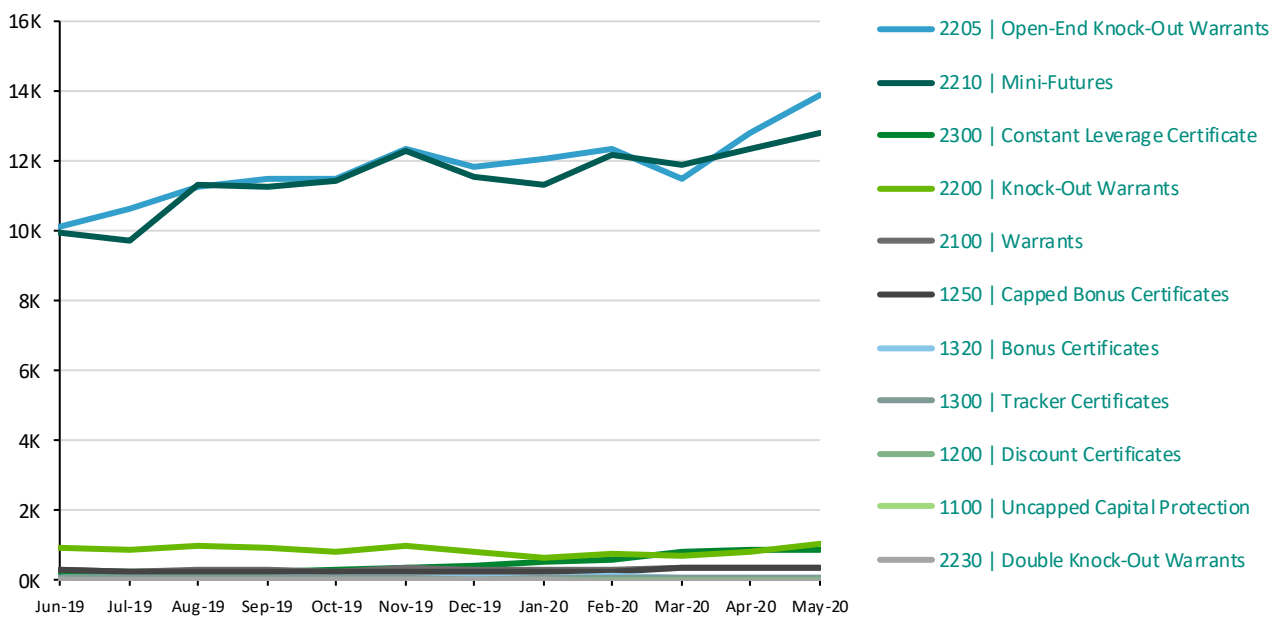
(Source Euronext)



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

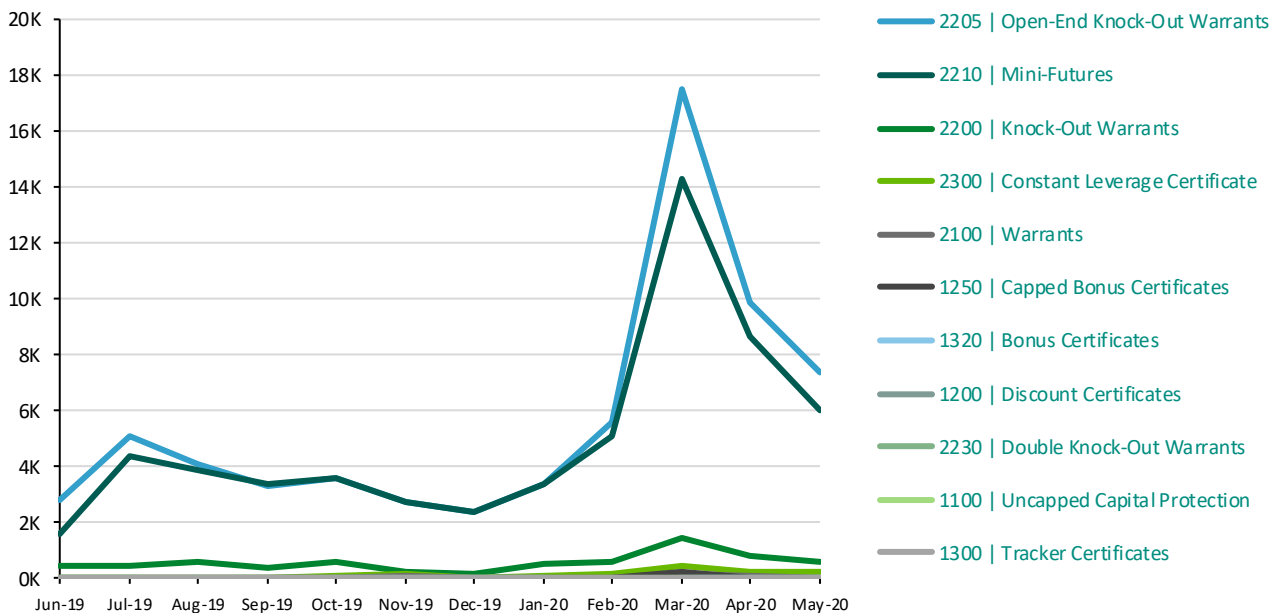
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

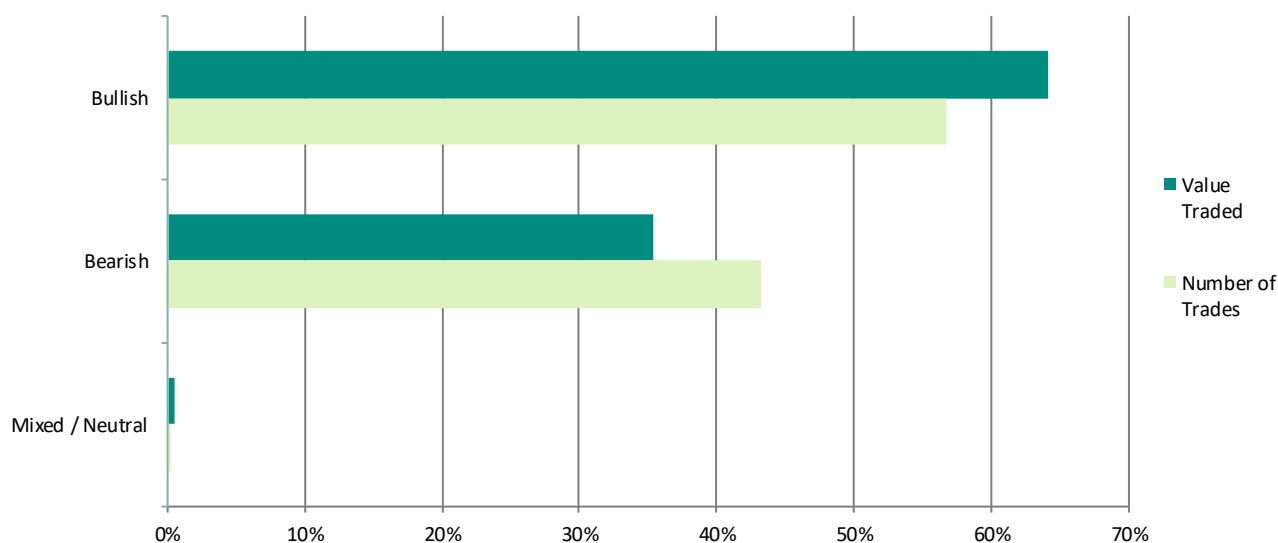
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	18,757	-15.4%	30%	64.1%	5,776	-14.0%	20.1%	56.7%
Bearish	10,371	-35%	37%	35.5%	4,397	-22%	39%	43.2%
Mixed / Neutral	125	52%	-31%	0.4%	12	34%	-29%	0.1%
Total	29,253	-23.3%	32.0%	100%	10,185	-17.8%	27.4%	100%

(Source Euronext)

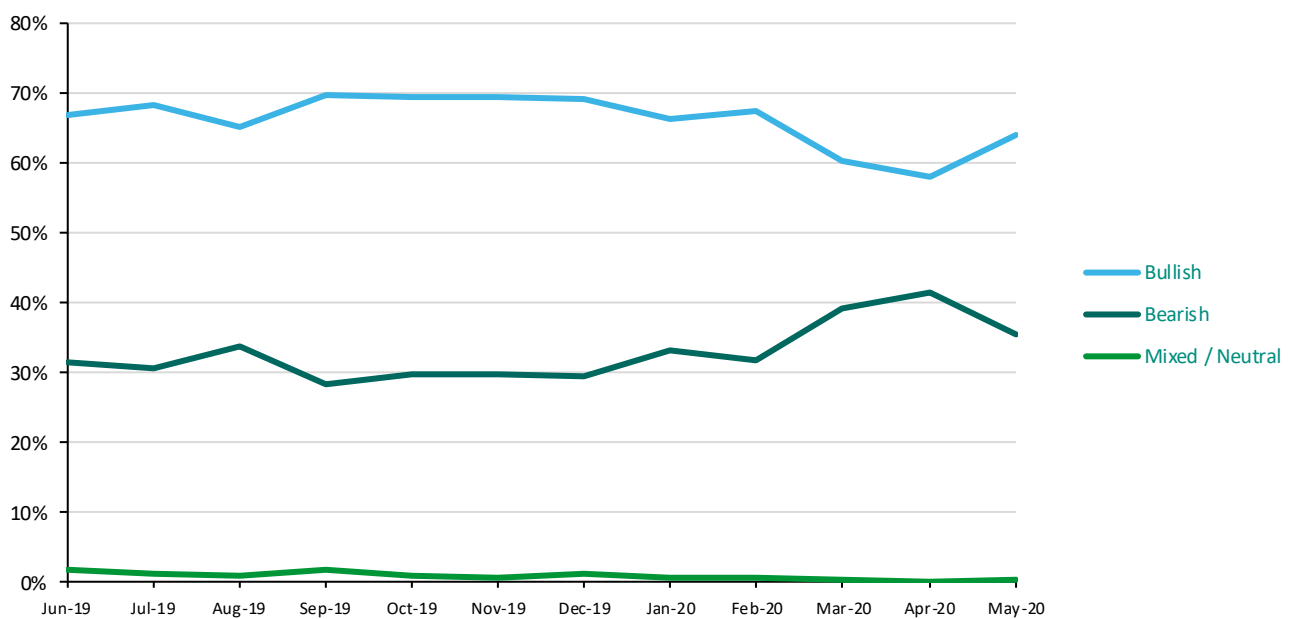




# PRODUCT STRATEGIES

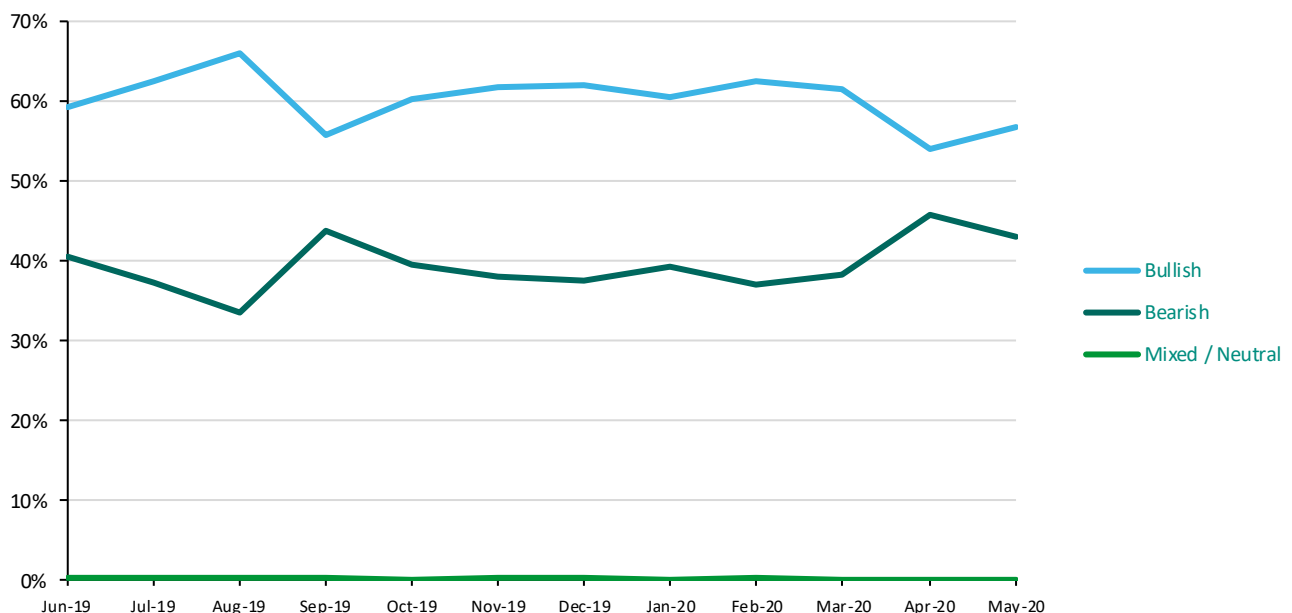
## Market Trend: Value traded

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

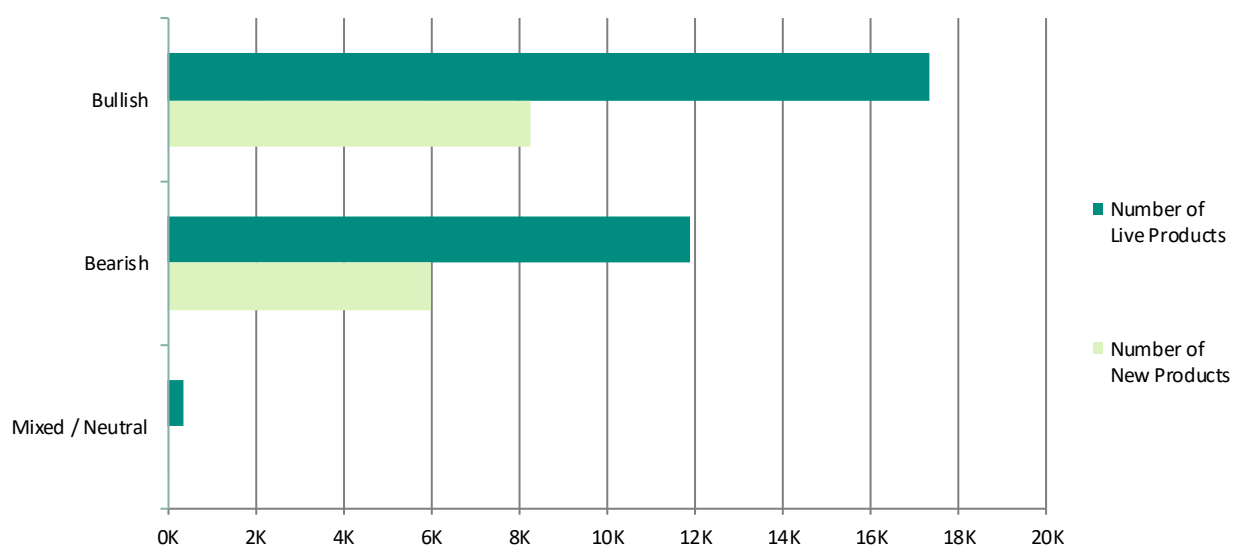
## Product Overview

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	17,324	15.0%	7.5%	58.6%	8,250	-33%	24%	57.7%
Bearish	11,872	-3.7%	31%	40.2%	5,993	-17.3%	27%	41.9%
Mixed / Neutral	367	0.5%	17.8%	1.2%	53	960%	-14.5%	0.4%
Total	29,563	6.5%	16.1%	100%	14,296	-27.2%	25.3%	100%

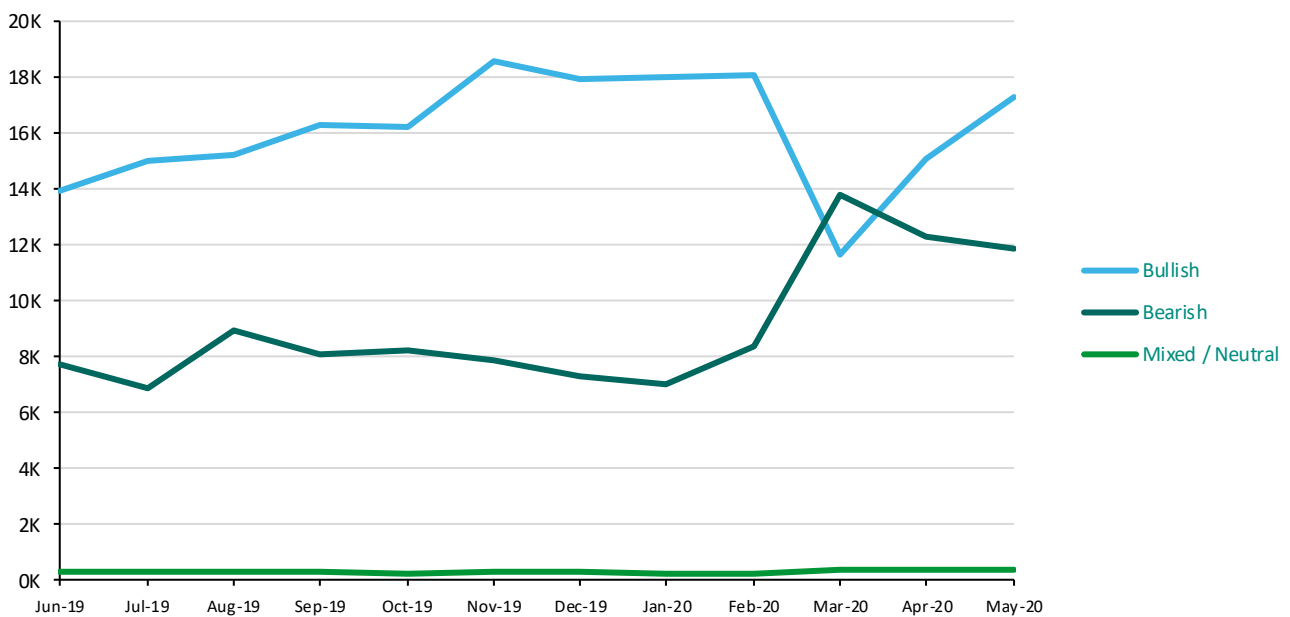
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# PRODUCT STRATEGIES

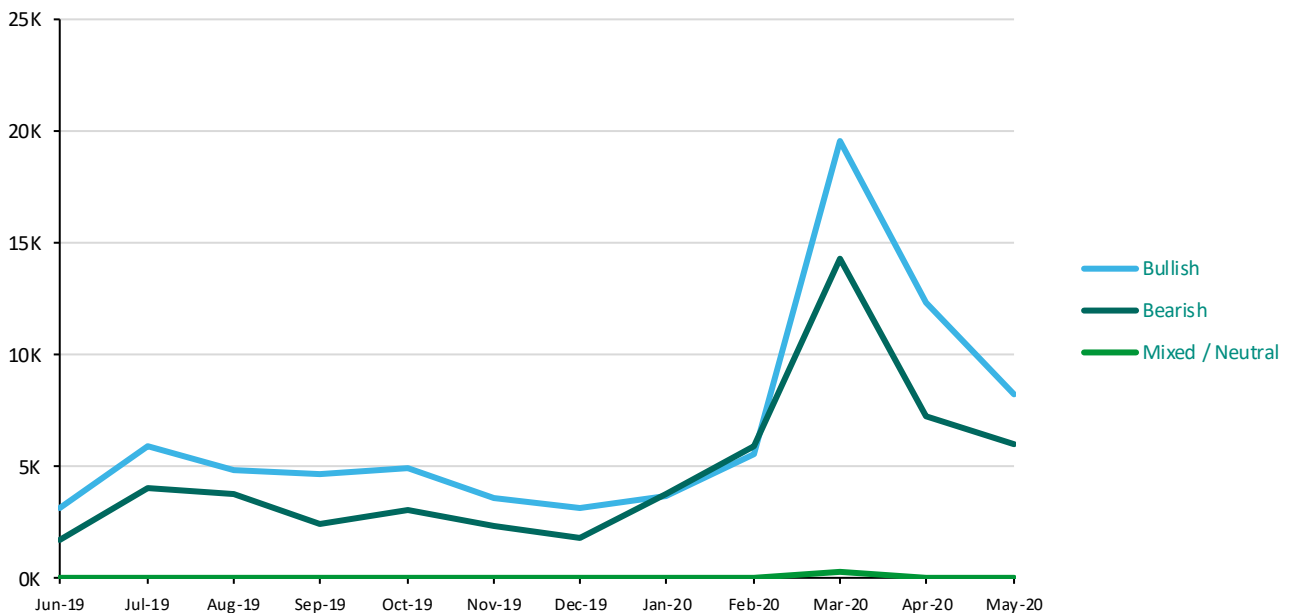
## Product Trend: Number of Live Products

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

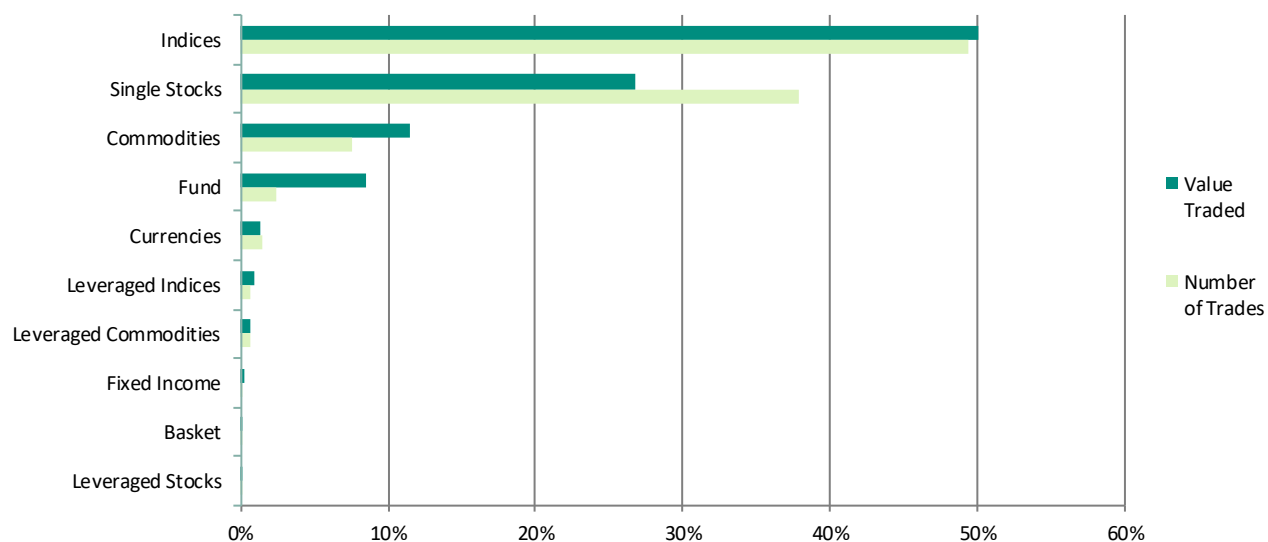
### Market Overview

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	14,643	-24%	35%	50.1%	5,028	-18.1%	23.2%	49.4%
Single Stocks	7,835	-7.5%	18.9%	26.8%	3,860	-8.9%	37.4%	37.9%
Commodities	3,363	-40%	21%	11.5%	764	-40.9%	2.5%	7.5%
Fund	2,495	-32%	91%	8.5%	240	-31.3%	67.6%	2.4%
Currencies	404	-40%	40%	1.4%	149	-11.5%	29.3%	1.5%
Leveraged Indices	271	112%	34%	0.9%	63	-43.0%	13.0%	0.6%
Leveraged Commodities	173	37%	167%	0.6%	63	-24.9%	130.9%	0.6%
Fixed Income	58	40%	31%	0.2%	14	30.0%	-3.0%	0.1%
Basket	8	184%	-35%	0.0%	1.3	271.4%	11.8%	0.0%
Leveraged Stocks	2	-7.5%	58%	0.0%	2.1	0.0%	136.6%	0.0%
<b>Total</b>	<b>29,253</b>	<b>-23.3%</b>	<b>32.0%</b>	<b>100%</b>	<b>10,185</b>	<b>-17.8%</b>	<b>27.4%</b>	<b>100%</b>

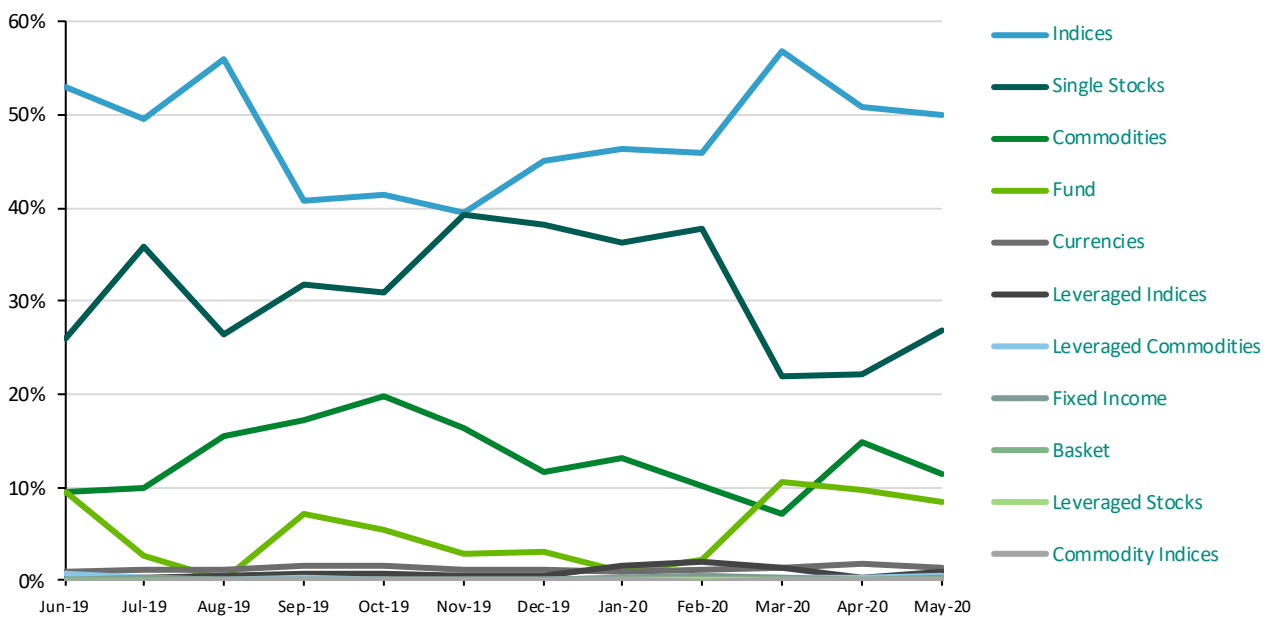
(Source Euronext)



# UNDERLYING TYPES

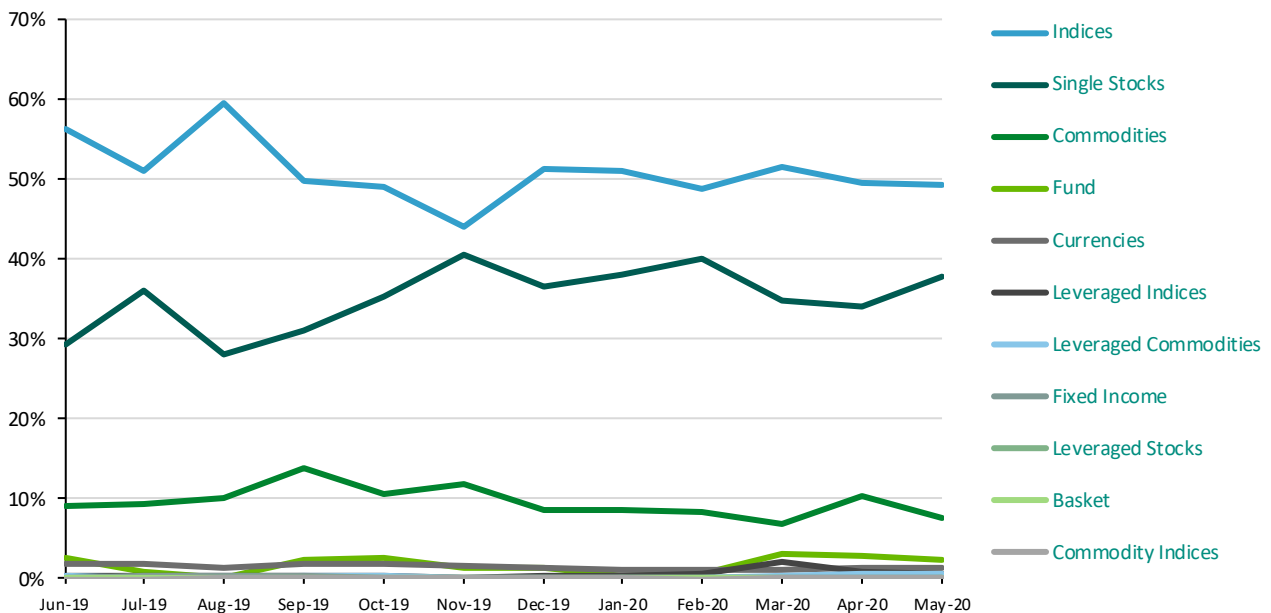
## Market Trend: Value traded

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

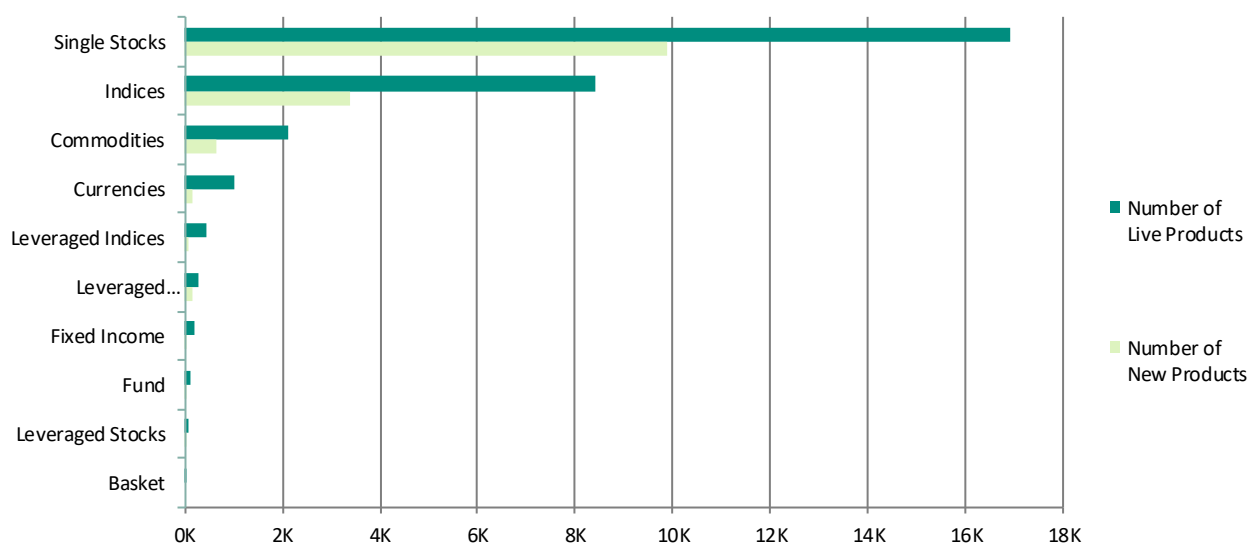
### Product Overview

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	16,908	7.6%	9.2%	57.2%	9,885	-24%	38%	69.1%
Indices	8,408	5.0%	28%	28.4%	3,376	-23%	8.7%	23.6%
Commodities	2,128	5.1%	17.9%	7.2%	645	-61%	-18.9%	4.5%
Currencies	1,005	7.0%	10.7%	3.4%	153	-44%	-28%	1.1%
Leveraged Indices	451	9.2%	118%	1.5%	56	-45%	12.4%	0.4%
Leveraged Commodities	264	12.5%	119%	0.9%	161	40%	219%	1.1%
Fixed Income	209	0.5%	-12.4%	0.7%	4	-82%	-84%	0.0%
Fund	105	4.3%	18.7%	0.4%	3	-40%	20.0%	0.0%
Leveraged Stocks	70	-34%	89%	0.2%	13	-24%	-21%	0.1%
Basket	14	0.4%	0.7%	0.0%	0			0.0%
<b>Total</b>	<b>29,563</b>	<b>6.5%</b>	<b>16.1%</b>	<b>100%</b>	<b>14,296</b>	<b>-27.2%</b>	<b>25.3%</b>	<b>100%</b>

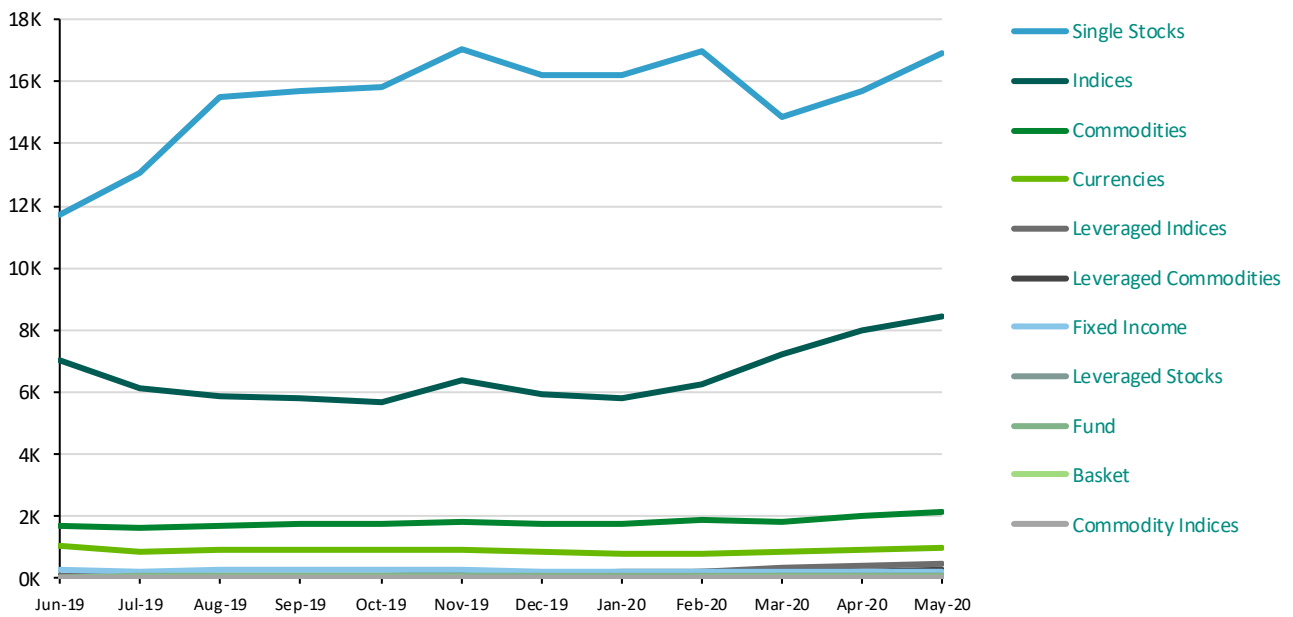
(Source Euronext)



# UNDERLYING TYPES

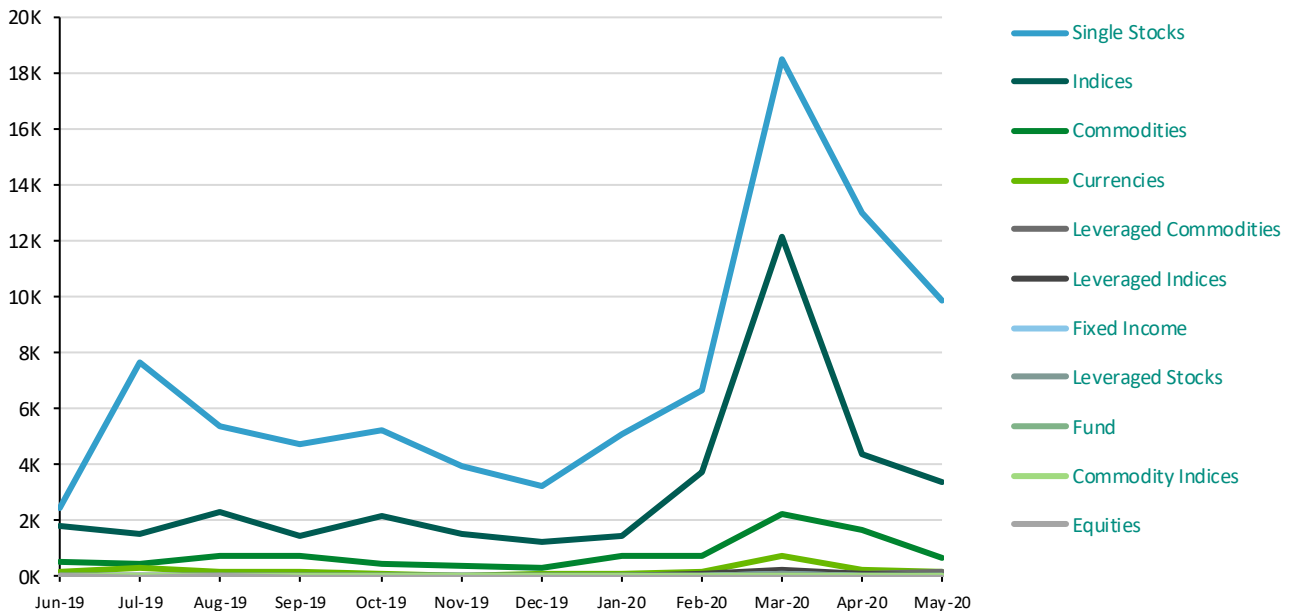
## Product Trend: Number of Live Products

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

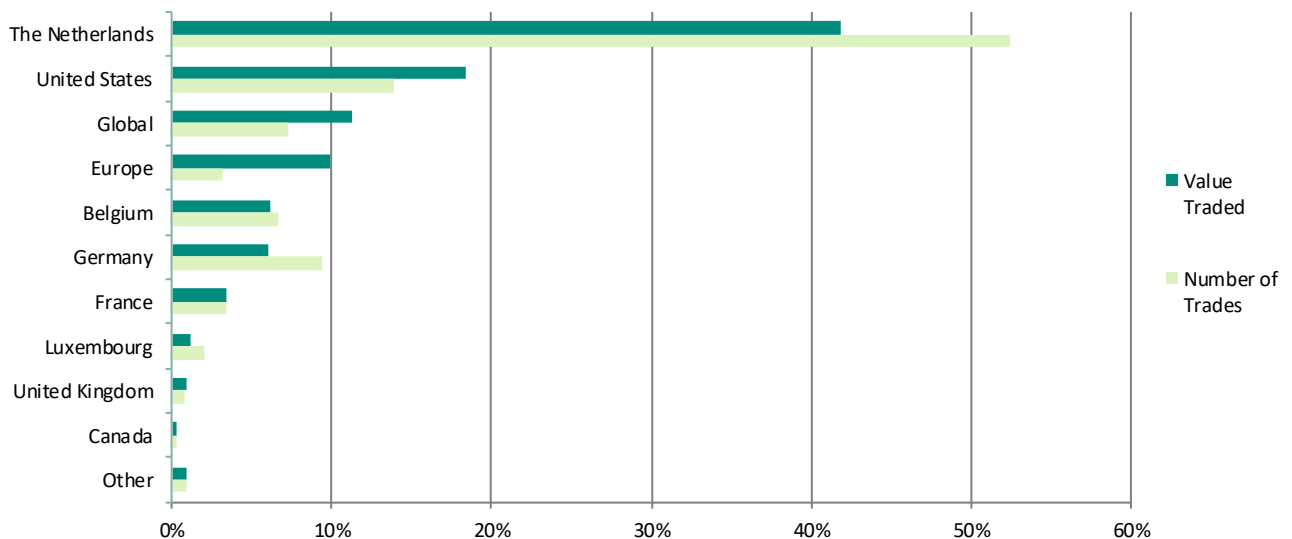
## Market Overview

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	12,251	-29%	28%	41.9%	5,349	-19.3%	27.5%	52.5%
United States	5,390	-12.4%	88%	18.4%	1,416	-29%	41%	13.9%
Global	3,298	-31%	15.1%	11.3%	736	-32%	-4.3%	7.2%
Europe	2,903	-27%	88%	9.9%	317	-28%	66%	3.1%
Belgium	1,780	13.5%	6.6%	6.1%	672	23%	50%	6.6%
Germany	1,749	-36%	-21%	6.0%	954	-6.1%	16.8%	9.4%
France	982	34%	105%	3.4%	349	8.5%	68%	3.4%
Luxembourg	320	4.6%	-31%	1.1%	199	30%	7.6%	2.0%
United Kingdom	243	0.9%	16.8%	0.8%	78	-13.2%	11.0%	0.8%
Canada	60	4.2%	84%	0.2%	29	5.7%	39%	0.3%
Other	275	21%	0.0%	0.9%	86	-13.4%	6.6%	0.8%
<b>Total</b>	<b>29,253</b>	<b>-23.3%</b>	<b>32.0%</b>	<b>100%</b>	<b>10,185</b>	<b>-17.8%</b>	<b>27.4%</b>	<b>100%</b>

(Source Euronext)

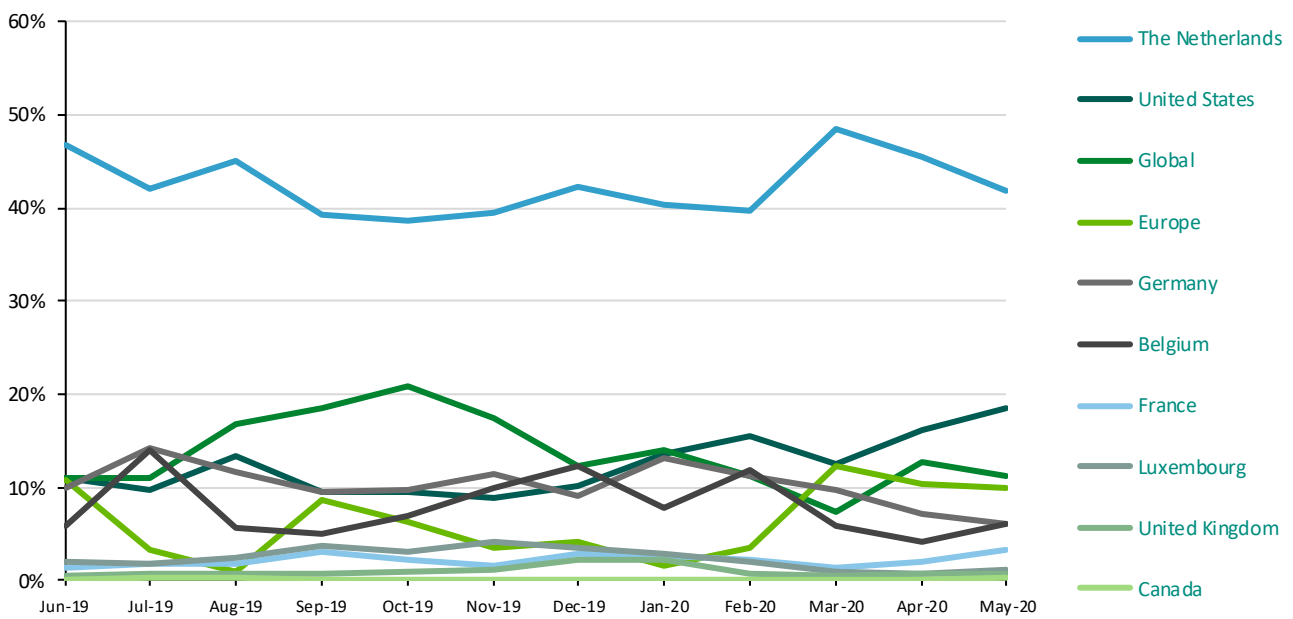




# TOP 10 UNDERLYING COUNTRIES

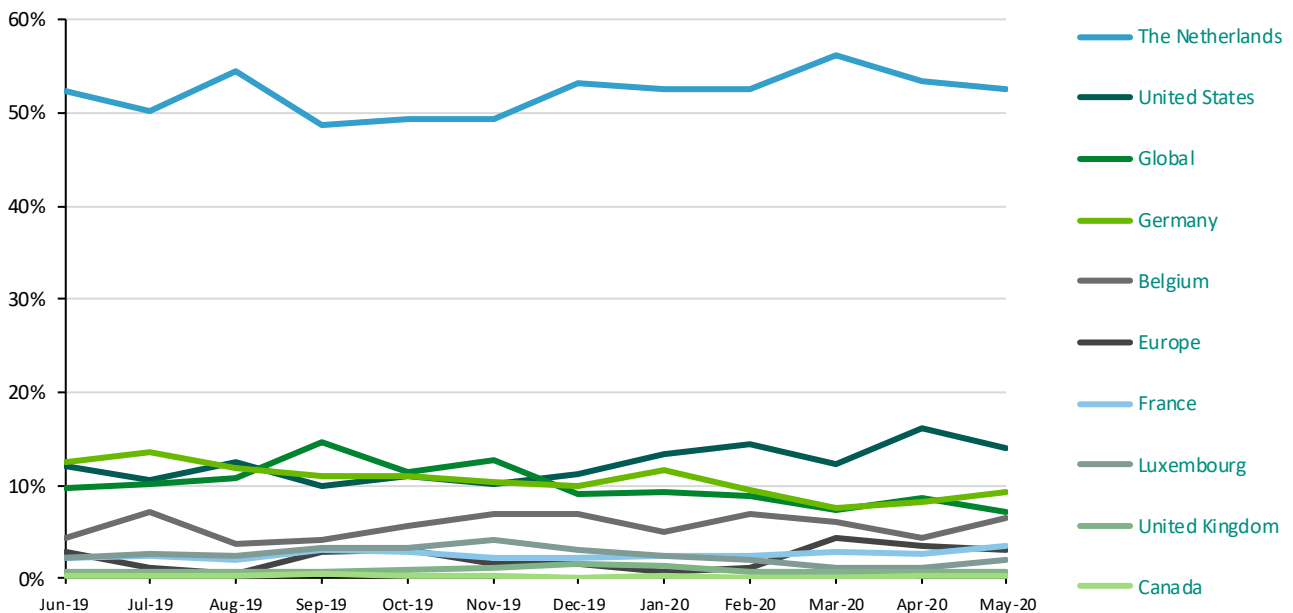
## Market Trend: Value traded

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

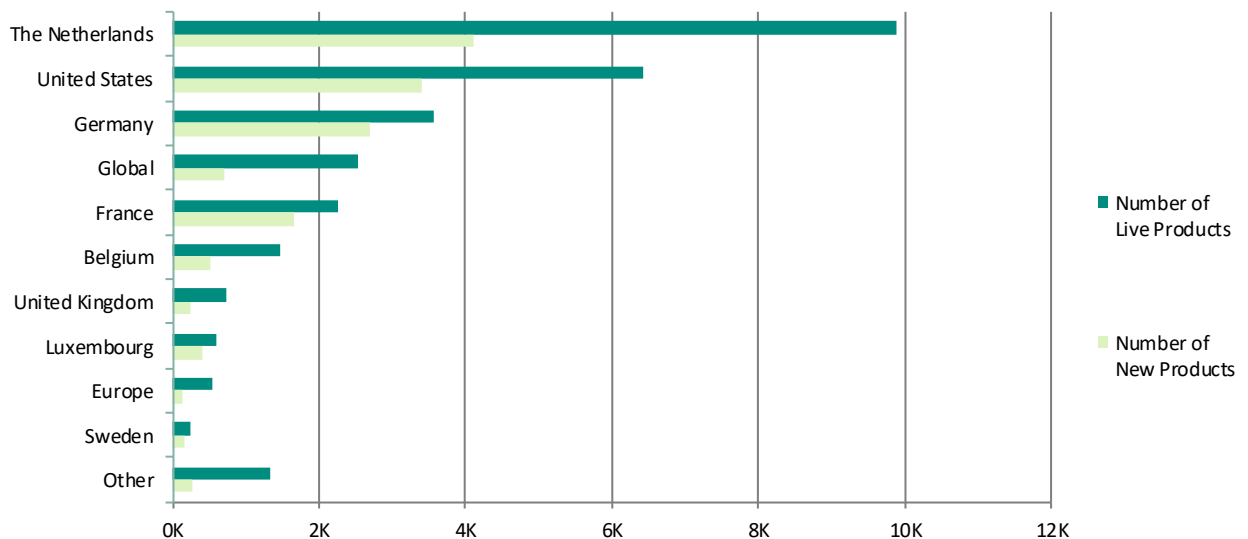
## Product Overview

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	9,880	5.8%	18.2%	33.4%	4,112	-21%	11.6%	28.8%
United States	6,429	10.2%	21%	21.7%	3,413	-41%	25%	23.9%
Germany	3,573	4.6%	21%	12.1%	2,686	-29%	59%	18.8%
Global	2,539	4.0%	13.3%	8.6%	703	-53%	-11.7%	4.9%
France	2,247	11.9%	4.2%	7.6%	1,649	62%	79%	11.5%
Belgium	1,474	5.4%	4.1%	5.0%	510	-20%	1.4%	3.6%
United Kingdom	722	4.1%	9.0%	2.4%	243	-28%	15.4%	1.7%
Luxembourg	596	3.8%	0.7%	2.0%	413	3.3%	16.8%	2.9%
Europe	529	2.8%	24%	1.8%	137	-21%	7.6%	1.0%
Sweden	249	12.1%	5.3%	0.8%	155	-14.4%	57%	1.1%
Other	1,324	1.3%	17.6%	4.5%	275	-54%	-7.5%	1.9%
<b>Total</b>	<b>29,563</b>	<b>6.5%</b>	<b>16.1%</b>	<b>100%</b>	<b>14,296</b>	<b>-27.2%</b>	<b>25.3%</b>	<b>100%</b>

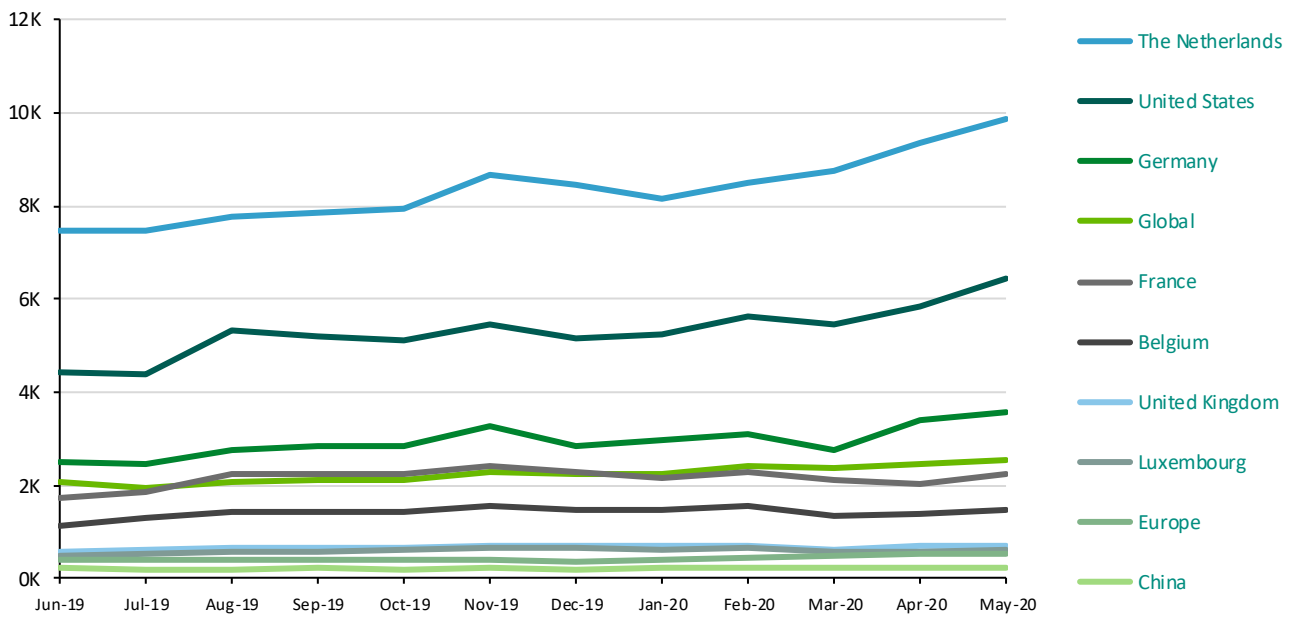
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

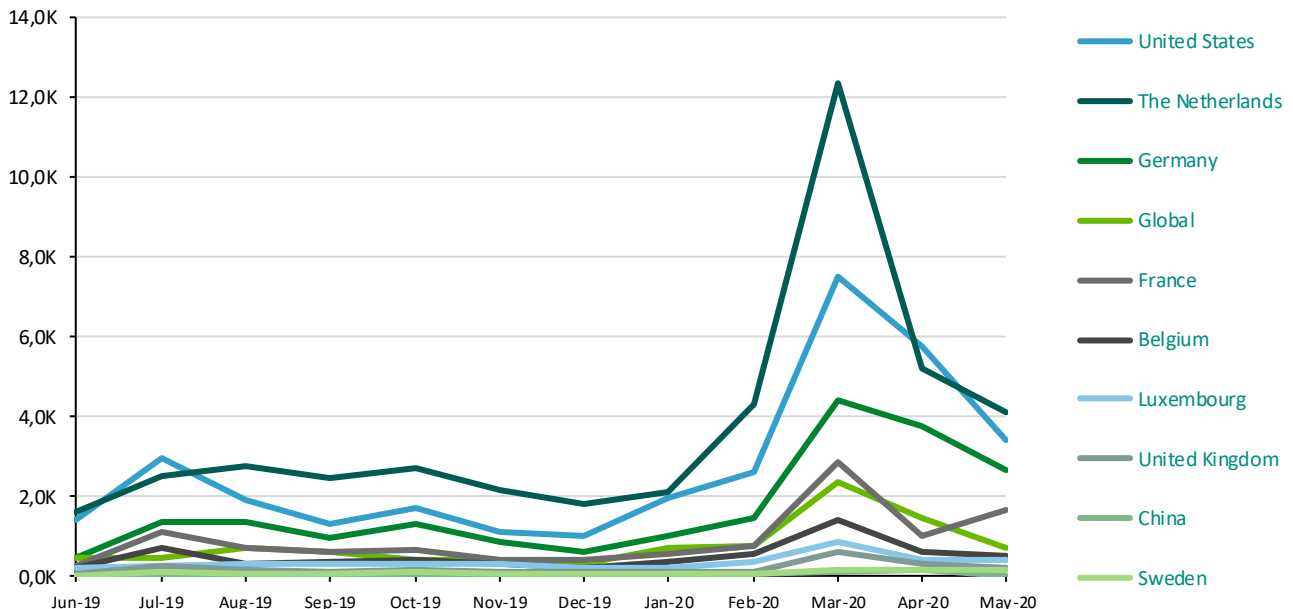
## Product Trend: Number of Live Products

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

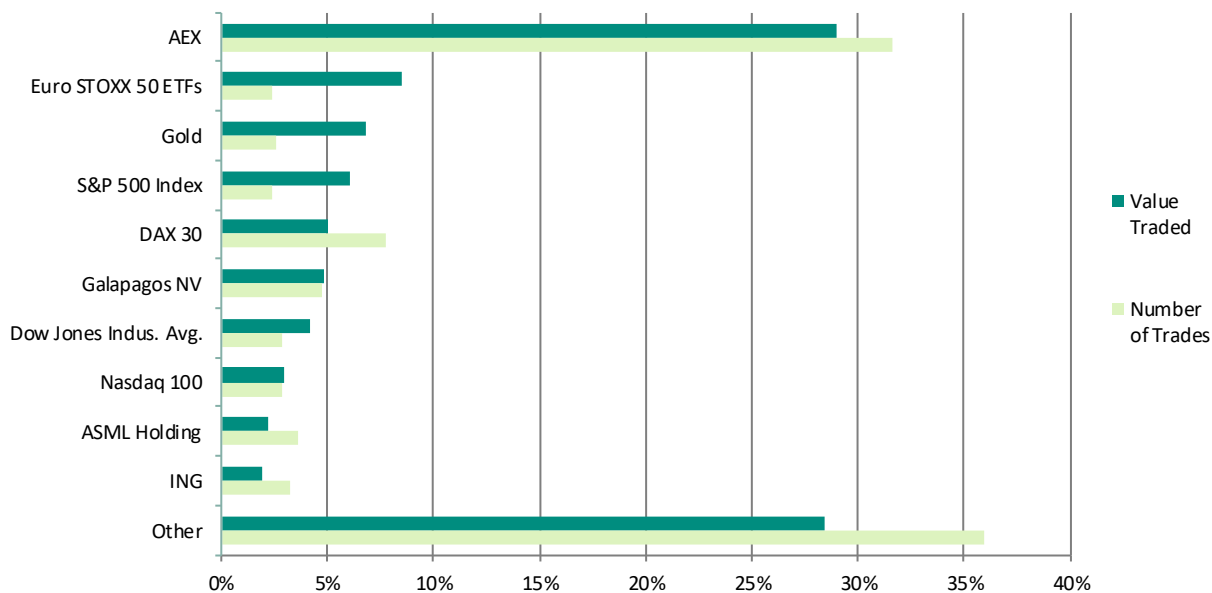
## Market Overview

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	8,485	-33%	29%	29.0%	3,218	-19.9%	20.1%	31.6%
Euro STOXX 50 ETFs	2,495	-32%	91%	8.5%	240	-31%	68%	2.4%
Gold	1,981	-28%	40%	6.8%	265	-16.6%	-1.2%	2.6%
S&P 500 Index	1,783	34%	317%	6.1%	243	-25%	75%	2.4%
DAX 30	1,473	-39%	-25%	5.0%	792	-6.5%	13.0%	7.8%
Galapagos NV	1,419	17.9%	5.9%	4.9%	487	41%	58%	4.8%
Dow Jones Indus. Avg.	1,228	-16.7%	63%	4.2%	294	-28%	40%	2.9%
Nasdaq 100	860	27%	51%	2.9%	292	-5.5%	46%	2.9%
ASML Holding	647	-33%	4.1%	2.2%	367	-10.8%	51%	3.6%
ING	570	16.8%	79%	1.9%	331	1.2%	92%	3.2%
Other	8,312	-20%	21%	28.4%	3,658	-23%	25%	35.9%
<b>Total</b>	<b>29,253</b>	<b>-23.3%</b>	<b>32.0%</b>	<b>100%</b>	<b>10,185</b>	<b>-17.8%</b>	<b>27.4%</b>	<b>100%</b>

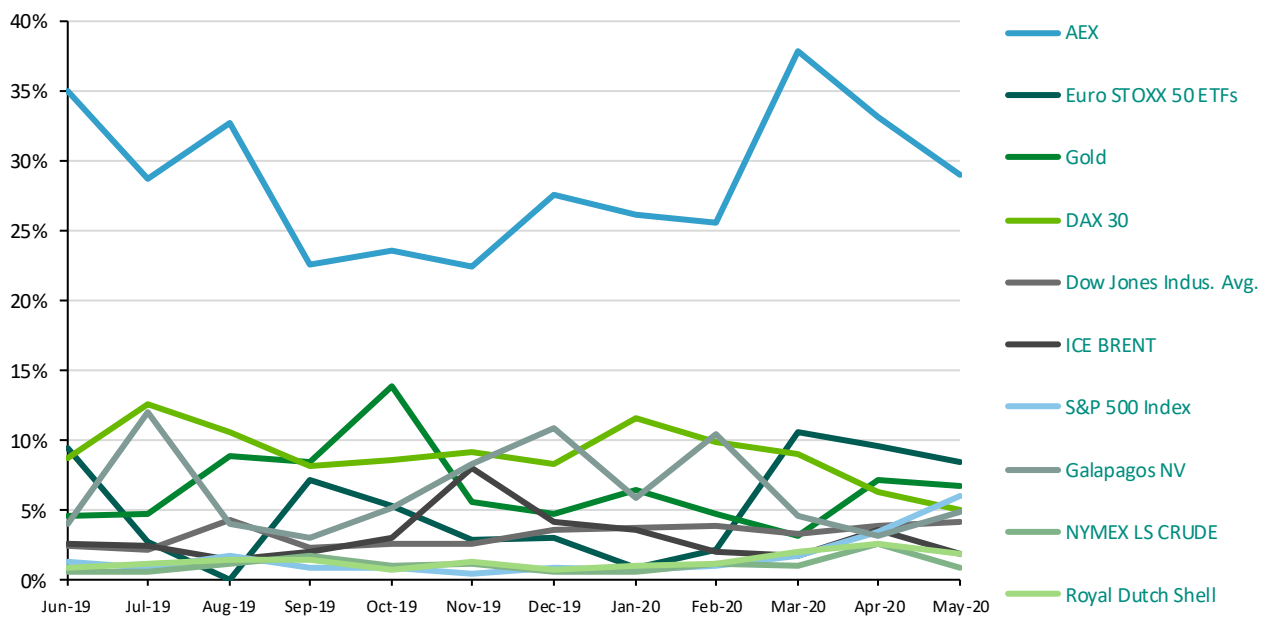
(Source Euronext)



# TOP 10 UNDERLYINGS

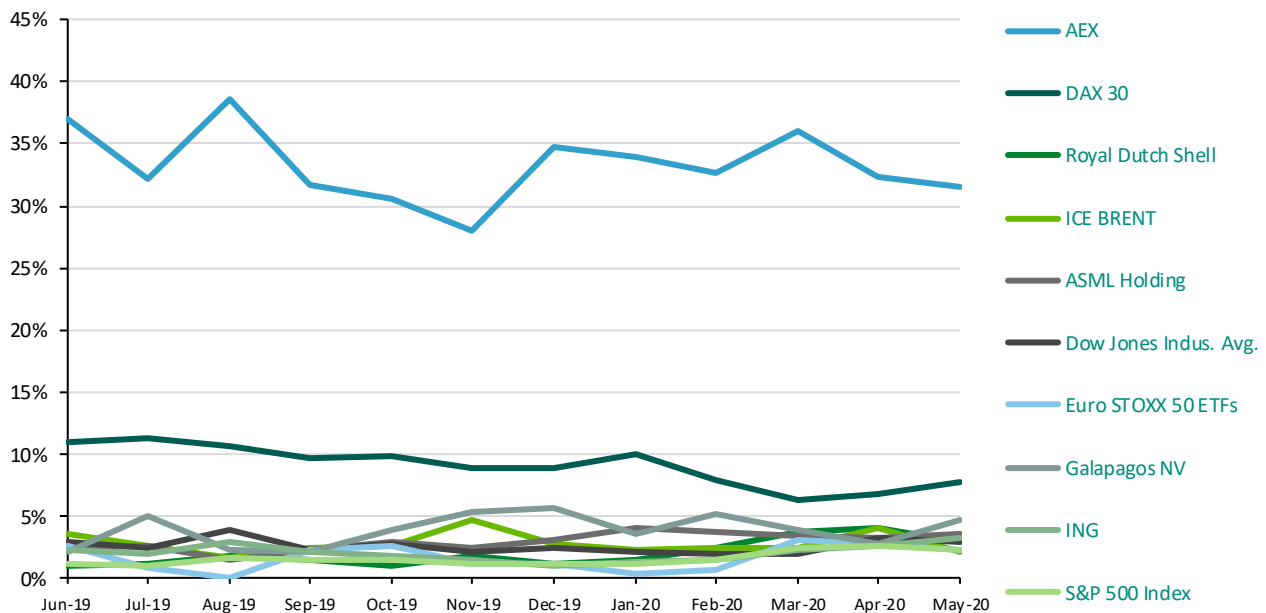
## Market Trend: Value traded

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

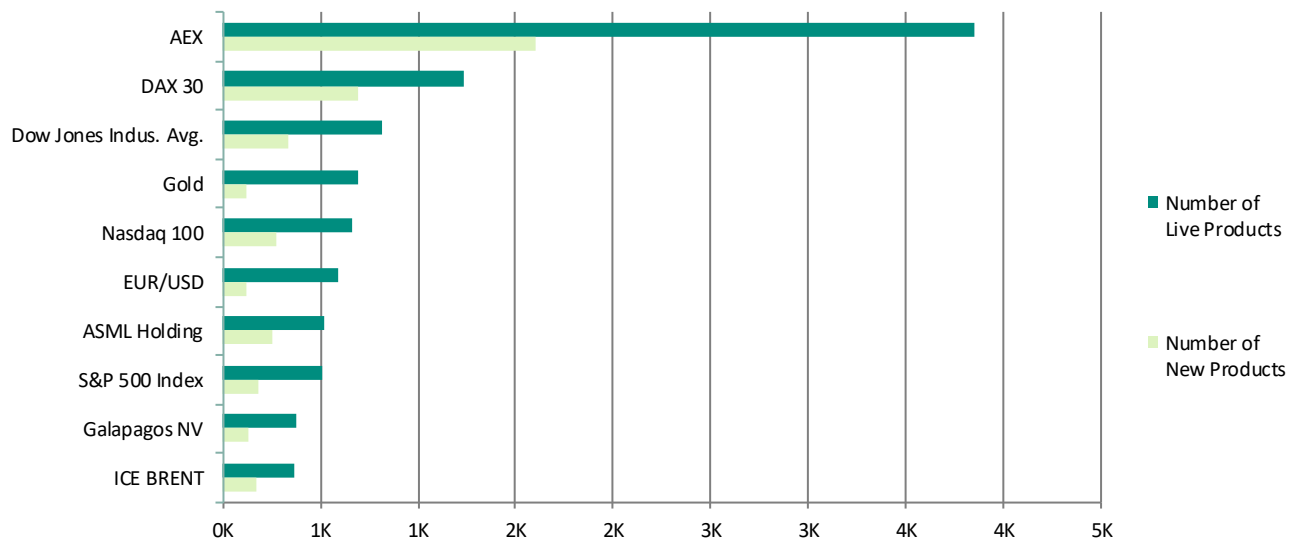
## Product Overview

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	3,848	5.1%	45%	13.0%	1,602	-12.4%	11.9%	11.2%
DAX 30	1,238	8.0%	28%	4.2%	691	-19.2%	36%	4.8%
Dow Jones Indus. Avg.	815	4.8%	25%	2.8%	339	-39%	-5.8%	2.4%
Gold	696	10.2%	22%	2.4%	116	-64%	-32%	0.8%
Nasdaq 100	661	7.1%	16.2%	2.2%	277	-40%	-4.3%	1.9%
EUR/USD	590	9.8%	16.7%	2.0%	120	-34%	-13.1%	0.8%
ASML Holding	515	-2.6%	7.8%	1.7%	251	-38%	8.2%	1.8%
S&P 500 Index	508	9.7%	15.7%	1.7%	186	-33%	8.8%	1.3%
Galapagos NV	372	9.2%	14.2%	1.3%	133	-25%	-3.2%	0.9%
ICE BRENT	366	9.1%	13.7%	1.2%	171	-65%	-9.6%	1.2%
Other	19,955	6.6%	11.0%	67.5%	10,410	-26%	34%	72.8%
Total	29,563	6.5%	16.1%	100%	14,296	-27.2%	25.3%	100%

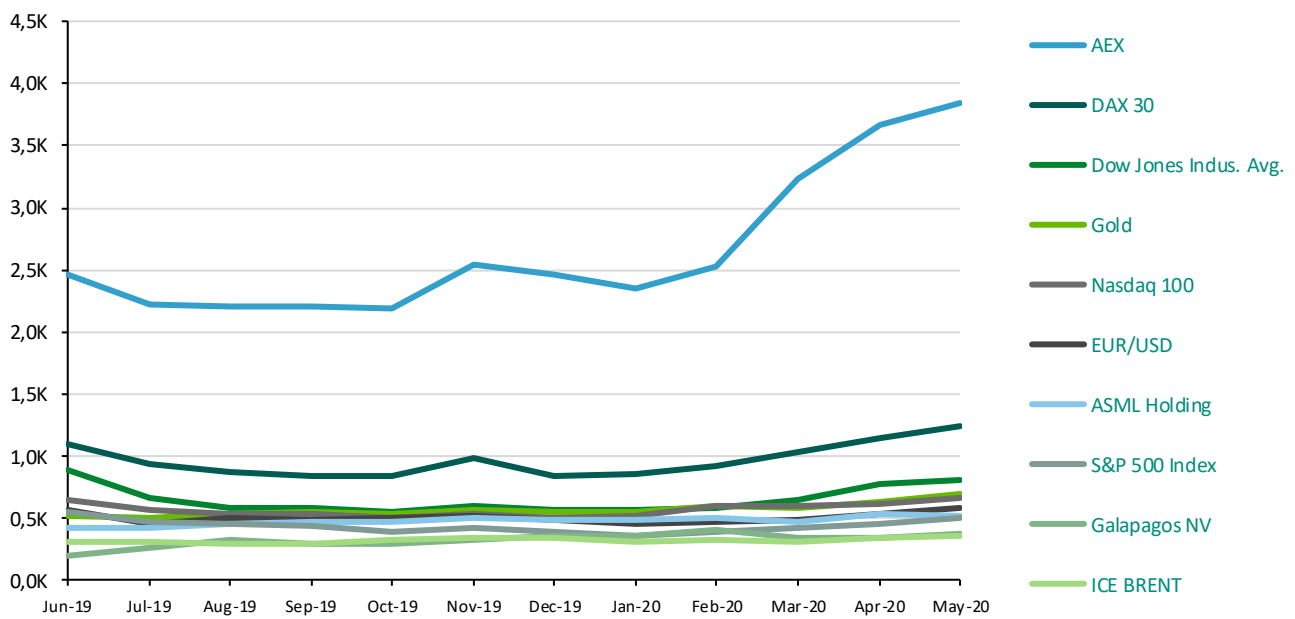
(Source Euronext)



# TOP 10 UNDERLYINGS

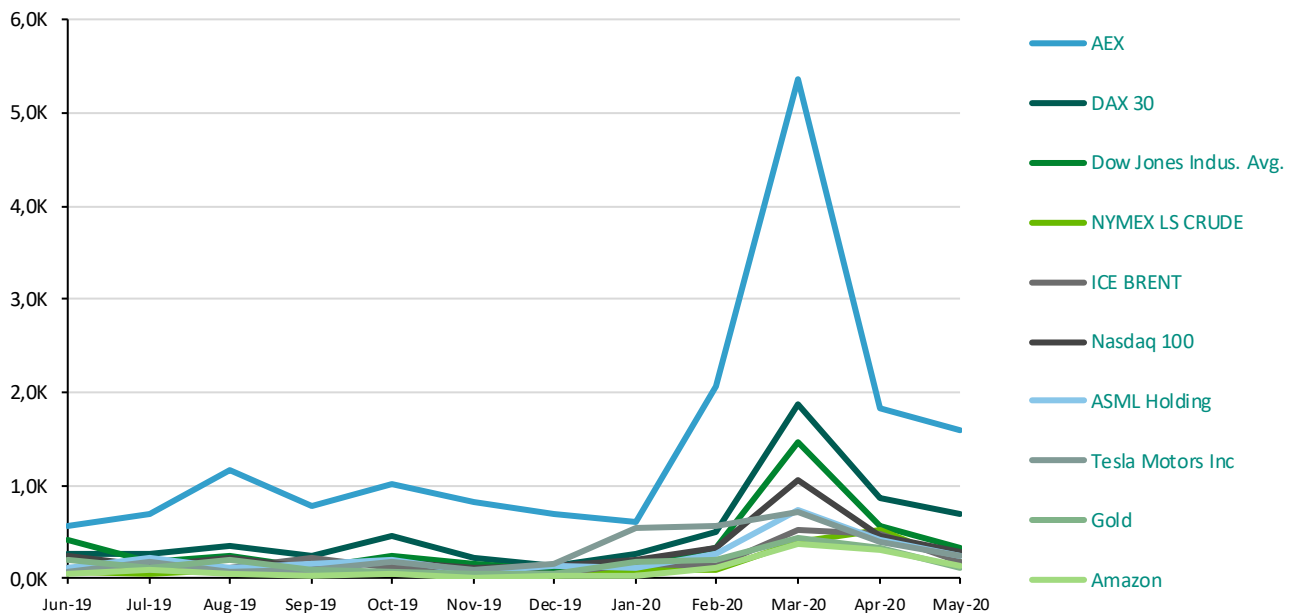
## Product Trend: Number of Live Products

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
NL0014433302	ING	2100   Warrants	Euro STOXX 50 ETFs	16,243	1,156
DE000VF8EEJ5	Vontobel	2205   Open-End Knock-Out Warrants	Gold	12,003	51
NL0014433294	ING	2100   Warrants	Euro STOXX 50 ETFs	9,298	746
NL0014433310	ING	2100   Warrants	Euro STOXX 50 ETFs	8,979	851
NL0014433286	ING	2100   Warrants	Euro STOXX 50 ETFs	5,735	874
DE000VP3JOG3	Vontobel	2205   Open-End Knock-Out Warrants	AEX	4,684	358
NL0014433278	ING	2100   Warrants	Euro STOXX 50 ETFs	3,455	447
DE000CL7K3Z9	Société Générale	2205   Open-End Knock-Out Warrants	AEX	3,370	629
NL0014155608	BNP Paribas	2210   Mini-Futures	Galapagos NV	3,138	613
NL0014832230	BNP Paribas	2210   Mini-Futures	S&P 500 Index	3,096	30
NL0014819310	BNP Paribas	2210   Mini-Futures	S&P 500 Index	3,039	32
NL0014486995	BNP Paribas	2210   Mini-Futures	AEX	3,005	702
NL0014487001	BNP Paribas	2210   Mini-Futures	AEX	2,744	379
NL0014482309	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,573	29
DE000VN610B3	Vontobel	2300   Constant Leverage Certificate	Gold x12 Leverage Index	2,541	625
NL0014132557	ING	2100   Warrants	Euro STOXX 50 ETFs	2,474	228
NL0014484271	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	2,462	956
NL0014709602	Goldman Sachs	2205   Open-End Knock-Out Warrants	Euro STOXX 50	2,401	116
NL0014433260	ING	2100   Warrants	Euro STOXX 50 ETFs	2,381	264
NL0014487738	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,156	50
NL0014830747	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,064	16
NL0014446742	ING	2205   Open-End Knock-Out Warrants	AEX	2,012	221
NL0014844680	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,007	24
NL0014496374	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,959	85
NL0014498057	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	1,903	40
NL0014491284	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	1,873	328
DE000SR8E0T8	Société Générale	2205   Open-End Knock-Out Warrants	AEX	1,849	40
NL0014110371	ING	2205   Open-End Knock-Out Warrants	AEX	1,784	132
NL0014140931	BNP Paribas	2210   Mini-Futures	Gold	1,759	23
NL0014837643	BNP Paribas	2210   Mini-Futures	Gold	1,723	94
NL0014811994	BNP Paribas	2210   Mini-Futures	AEX	1,713	296
NL0014671497	BNP Paribas	2210   Mini-Futures	AEX	1,680	85
NL0014491250	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	1,665	784
NL0014325037	BNP Paribas	2210   Mini-Futures	AEX	1,655	19
NL0014142598	BNP Paribas	2205   Open-End Knock-Out Warrants	Nasdaq 100	1,647	1,335
NL0014649782	BNP Paribas	2210   Mini-Futures	Gold	1,643	32
DE000CL4JXD1	Société Générale	2205   Open-End Knock-Out Warrants	AEX	1,635	960
NL0014835662	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,628	14
NL0014111775	ING	2205   Open-End Knock-Out Warrants	AEX	1,607	2,629
NL0014832123	BNP Paribas	2210   Mini-Futures	AEX	1,597	281
DE000VN61ZR7	Vontobel	2300   Constant Leverage Certificate	FTSE x8 Leverage Index	1,501	99
NL0012270466	BNP Paribas	2210   Mini-Futures	Alibaba	1,450	16
NL0014833899	BNP Paribas	2210   Mini-Futures	AEX	1,446	300
NL0014632283	BNP Paribas	2210   Mini-Futures	Unibail-Rodamco	1,396	263
NL0014484347	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	1,388	1,491
DE000CU6HDM2	Société Générale	2205   Open-End Knock-Out Warrants	Galapagos NV	1,388	201
NL0014487019	BNP Paribas	2210   Mini-Futures	AEX	1,382	393
NL0014487027	BNP Paribas	2210   Mini-Futures	AEX	1,367	294
DE000VN61ZU1	Vontobel	2300   Constant Leverage Certificate	FTSE x8 Short Index	1,360	110
NL0014817694	BNP Paribas	2210   Mini-Futures	Gold	1,319	150

(Source Euronext)





Euronext Brussels

# ISSUERS

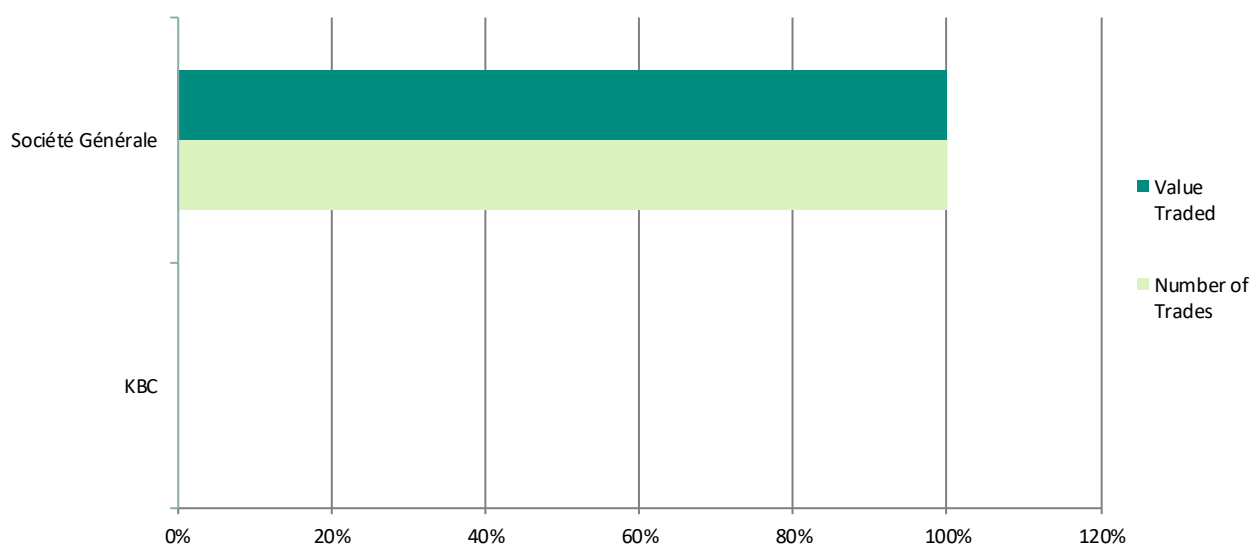
## Market Overview

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
Société Générale	482	72%	274%	100.0%	235	37.4%	279.4%	100.0%
KBC	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	482	-3.2%	-31.5%	100%	235	36.3%	5.4%	100%

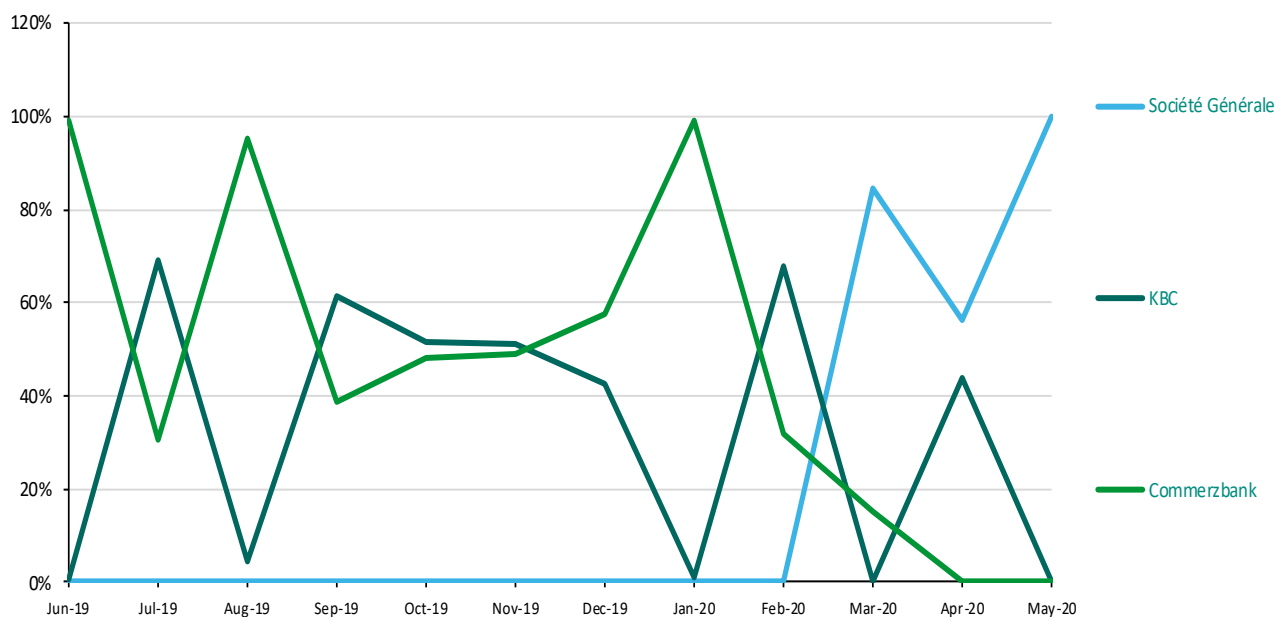
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# ISSUERS

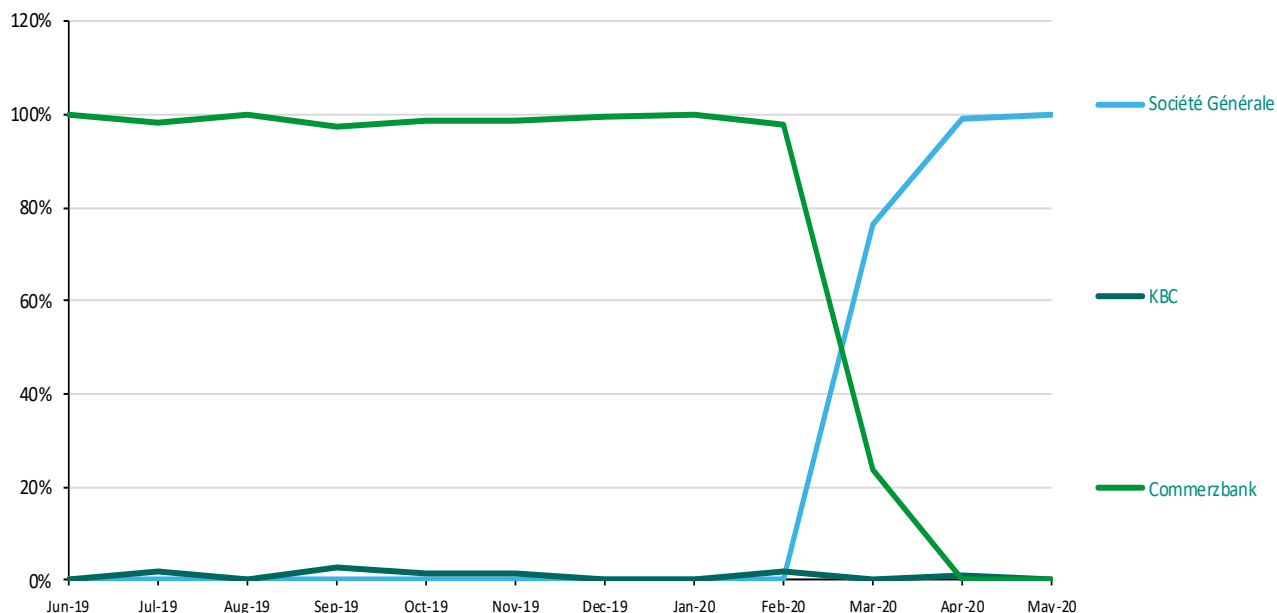
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

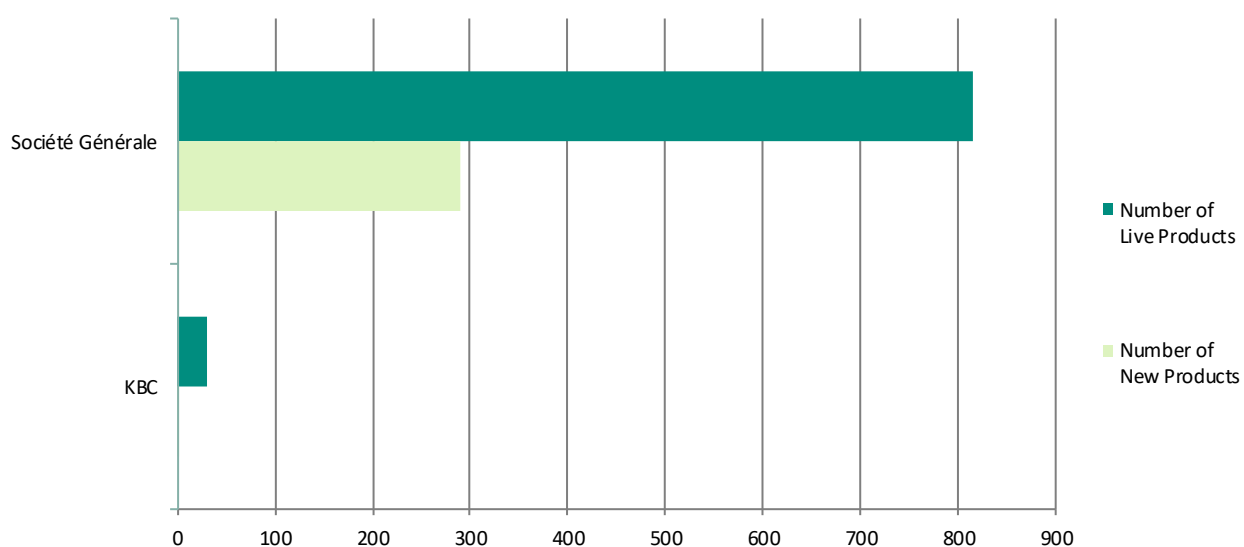
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	816	3.4%	371%	96.5%	289	-66%	108%	99.7%
KBC	30	9.3%	13.5%	3.5%	1	-80%	-64%	0.3%
Total	846	3.6%	6.9%	100%	290	-66.1%	-7.0%	100%

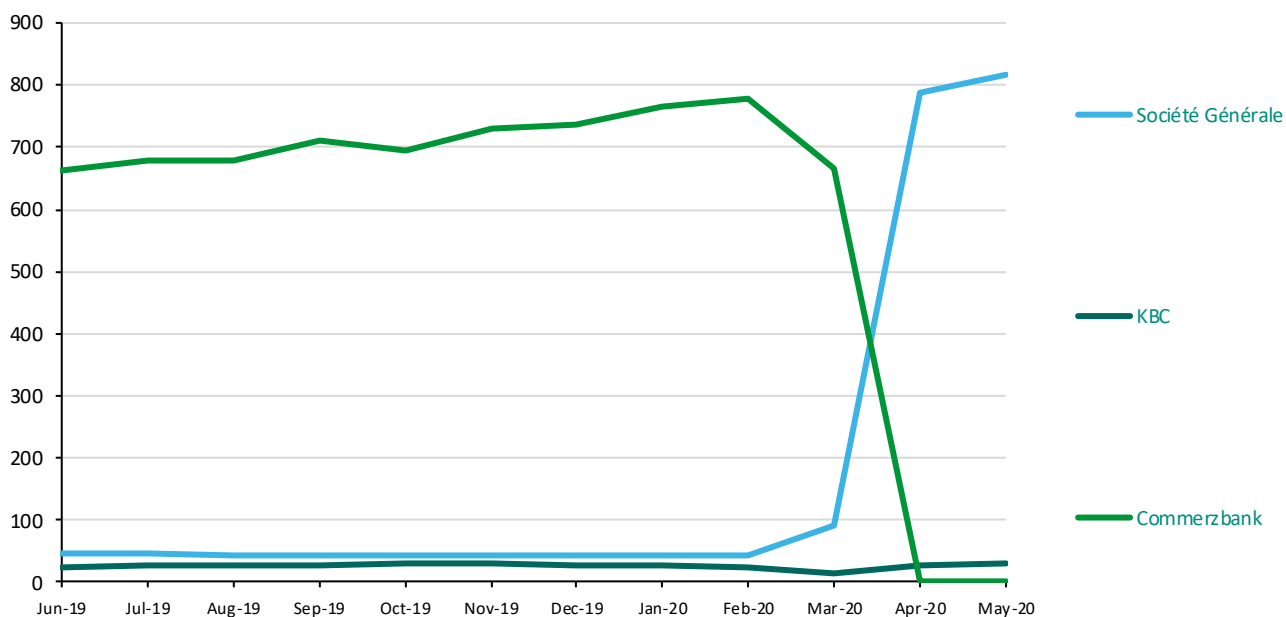
(Source Euronext)



# ISSUERS

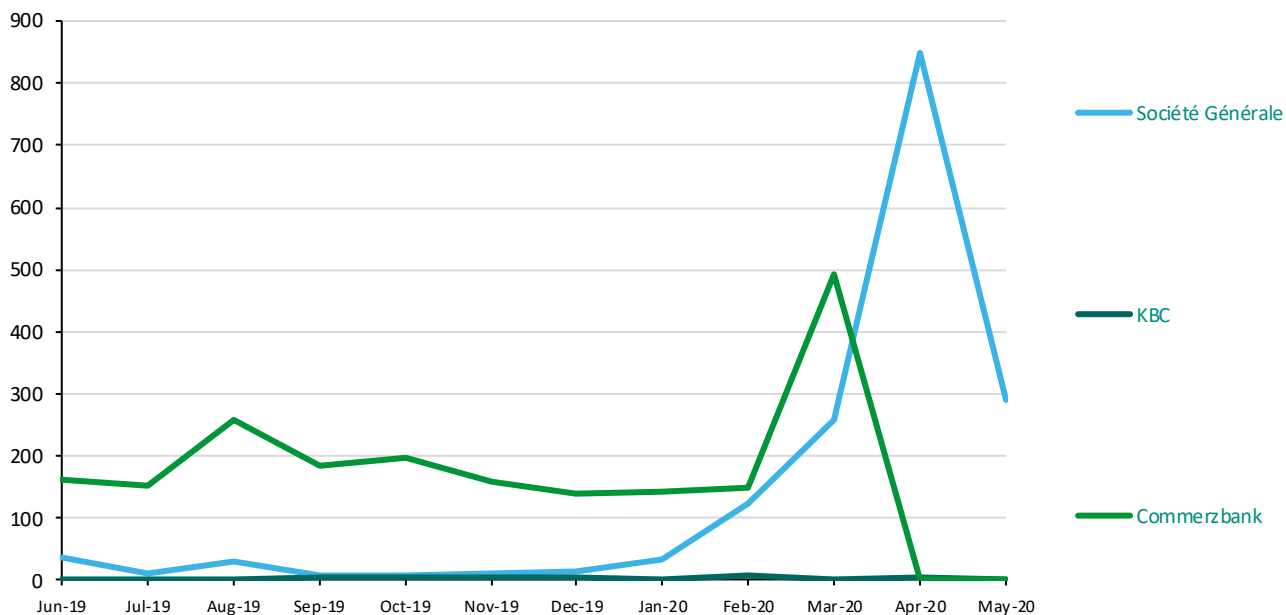
## Product Trend: Number of Live Products

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)

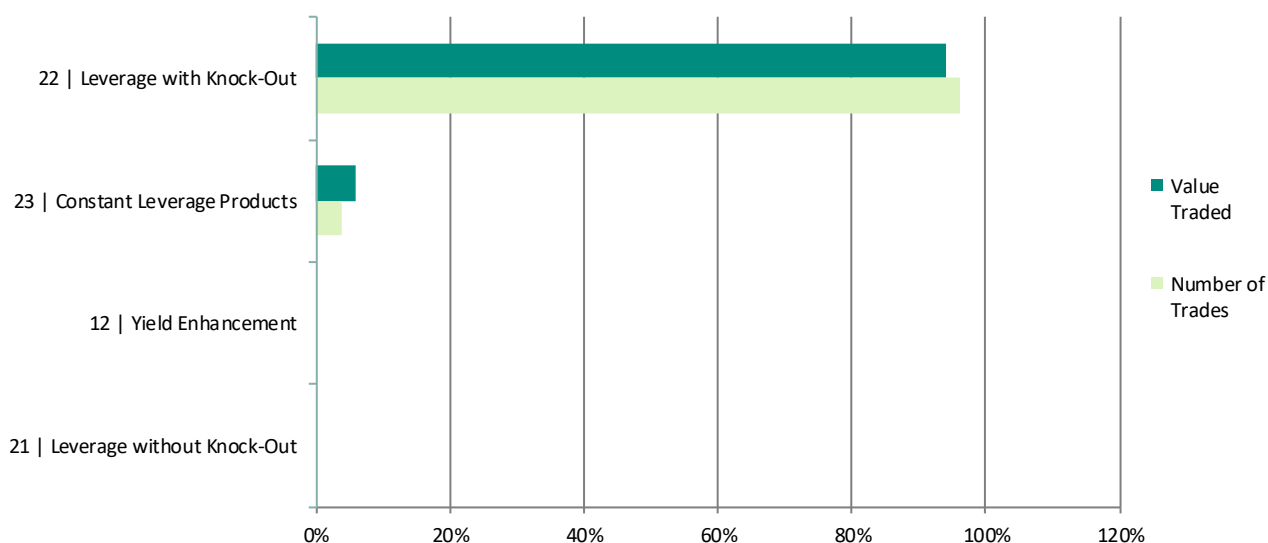
## Market Overview

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	453	73%	12.9%	94.0%	226	45.4%	6.2%	96.2%
23   Constant Leverage Products	29	56%	206%	6.0%	8.9	-42.9%	7.9%	3.8%
12   Yield Enhancement	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
21   Leverage without Knock-Out	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>482</b>	<b>-3.2%</b>	<b>-31.5%</b>	<b>100%</b>	<b>235</b>	<b>36.3%</b>	<b>5.4%</b>	<b>100%</b>

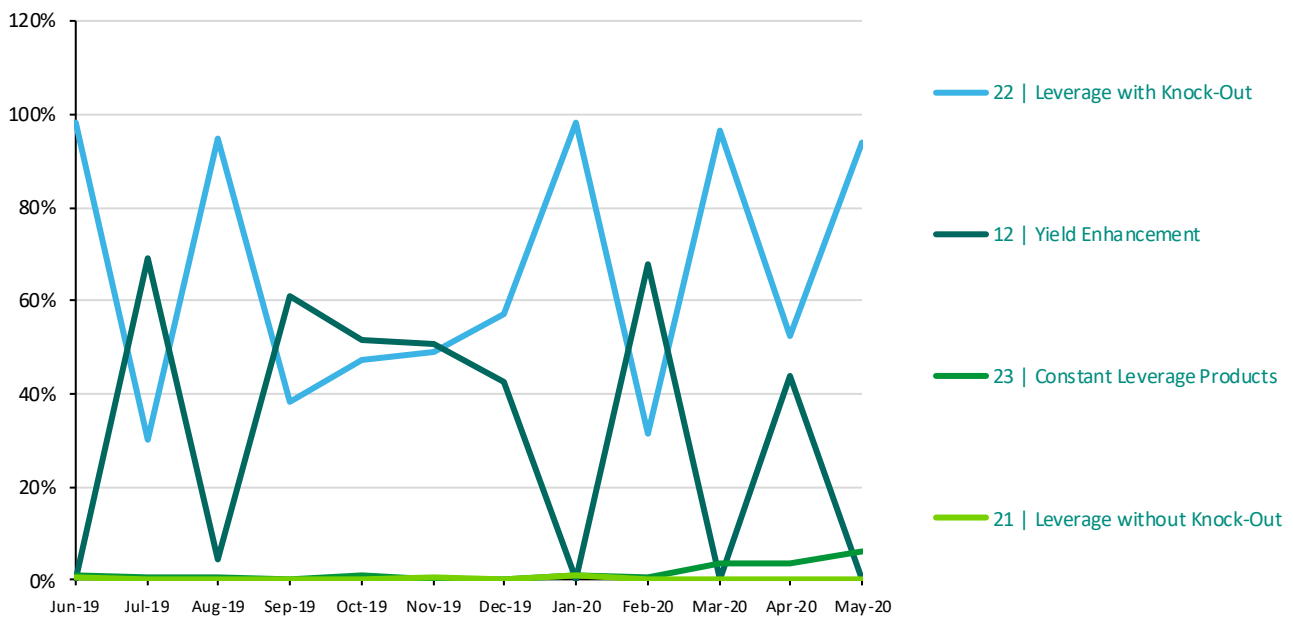
(Source Euronext)



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

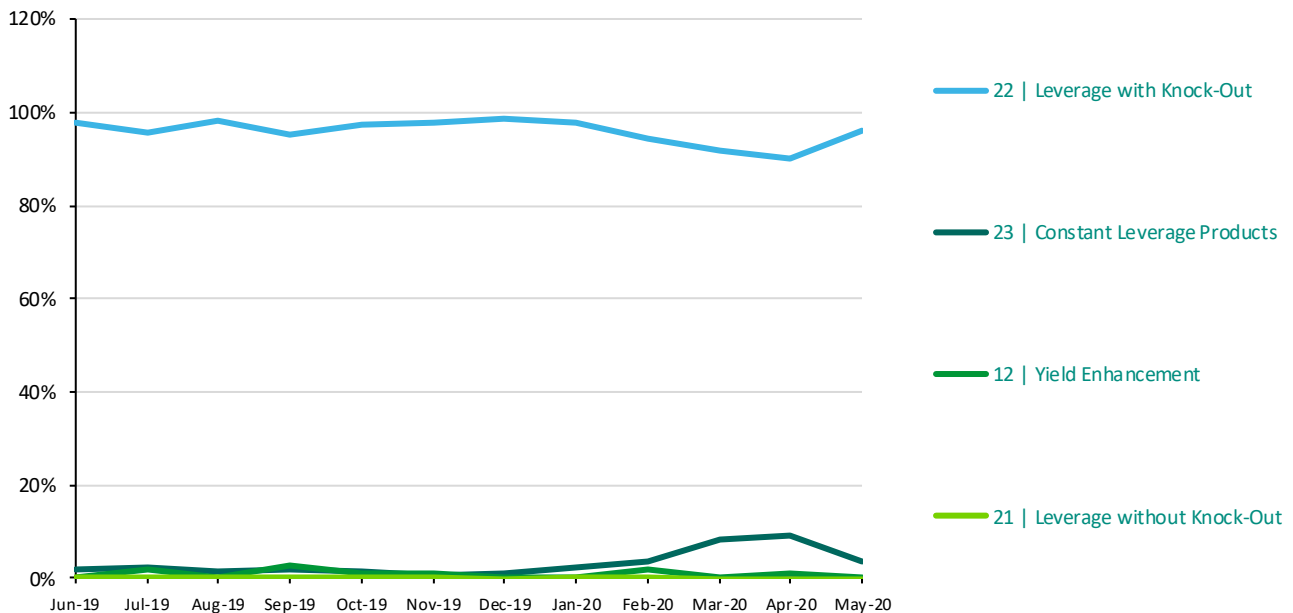
## Market Trend: Value traded

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)

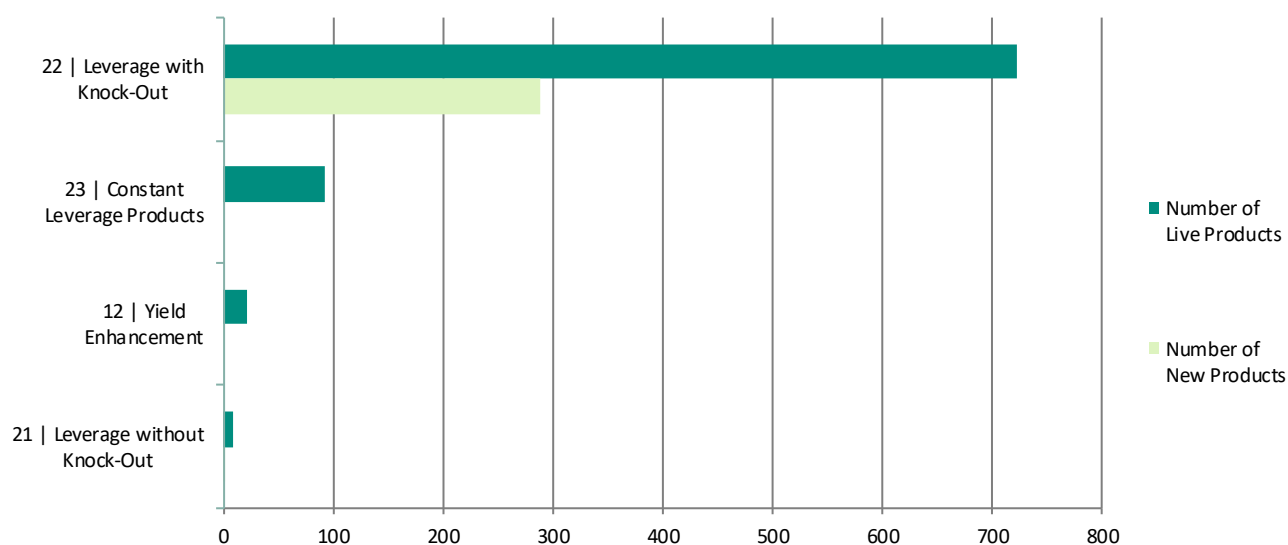
### Product Overview

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	724	5.3%	10.8%	85.6%	289	-66%	-5.0%	99.7%
23   Constant Leverage Products	92	-9.3%	-17.7%	10.9%	0	-100%	-100%	0.0%
12   Yield Enhancement	21	17.7%	127%	2.4%	0	-100%	-100%	0.0%
21   Leverage without Knock-Out	9	-5.6%	-46%	1.1%	1	0.0%	0.0%	0.3%
<b>Total</b>	<b>846</b>	<b>3.6%</b>	<b>6.9%</b>	<b>100%</b>	<b>290</b>	<b>-66.1%</b>	<b>-7.0%</b>	<b>100%</b>

(Source Euronext)

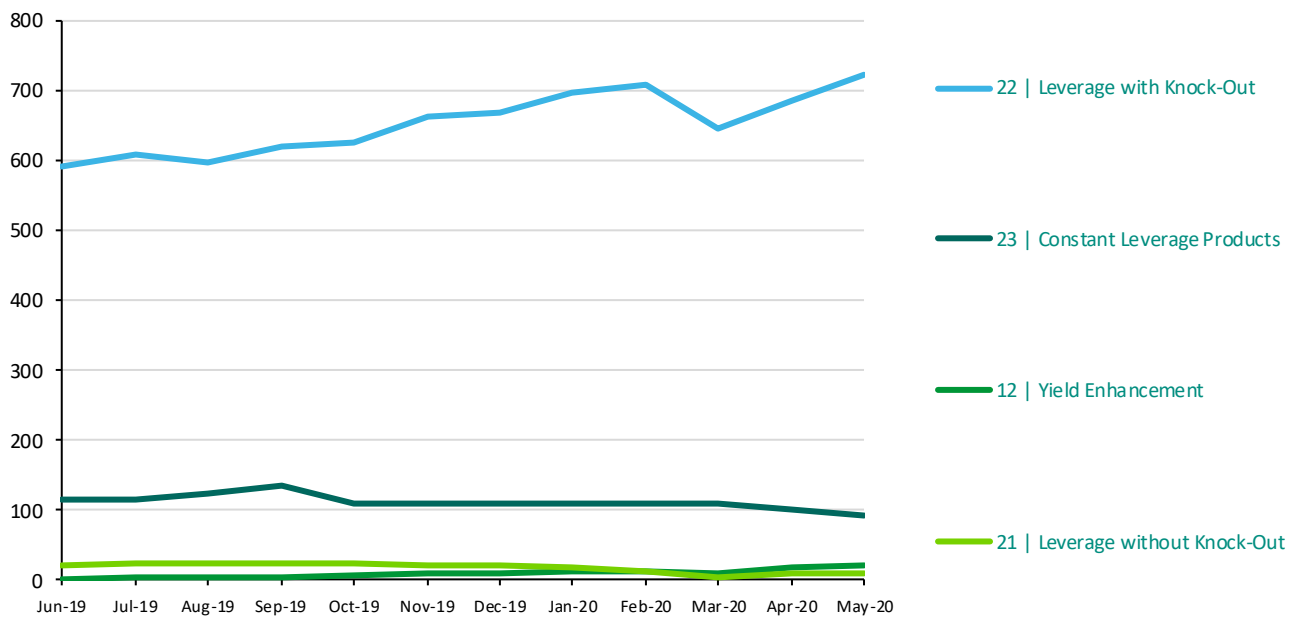




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

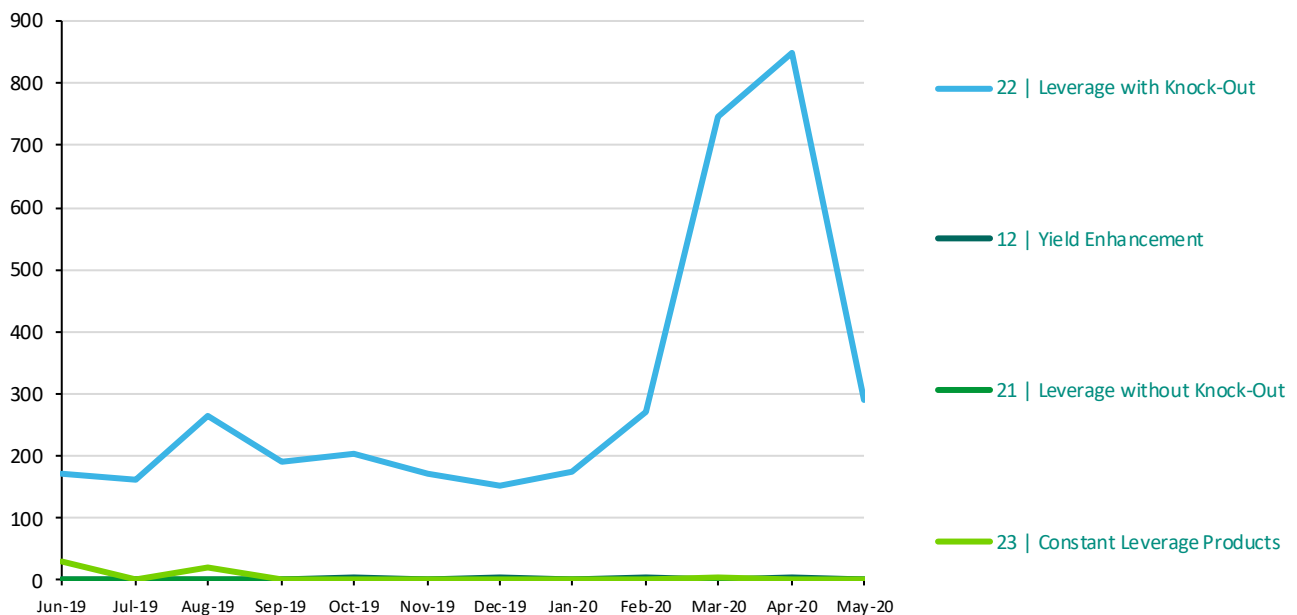
## Product Trend: Number of Live Products

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)

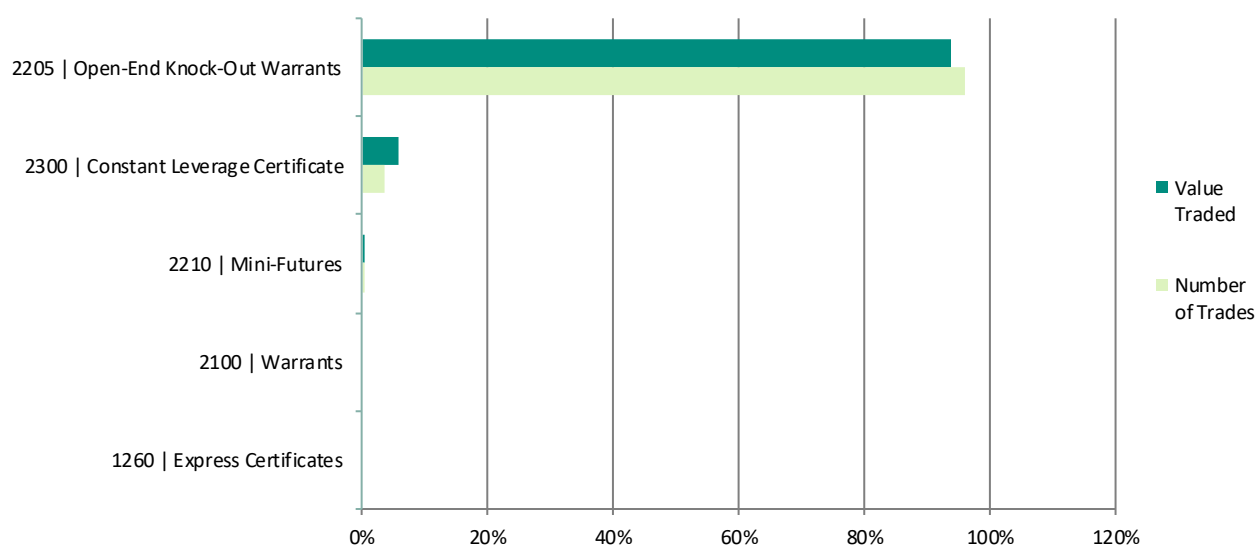
## Market Overview

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	453	73%	14.6%	94.0%	226	45.7%	7.4%	96.1%
2300   Constant Leverage Certificate	29	56%	206%	6.0%	8.9	-43%	7.9%	3.8%
2210   Mini-Futures	0	-21%	-97%	0.0%	0.2	-50%	-92%	0.1%
2100   Warrants	0		-100%	0.0%	0.0		-100%	0.0%
1260   Express Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>482</b>	<b>-3.2%</b>	<b>-31.5%</b>	<b>100%</b>	<b>235</b>	<b>36.3%</b>	<b>5.4%</b>	<b>100%</b>

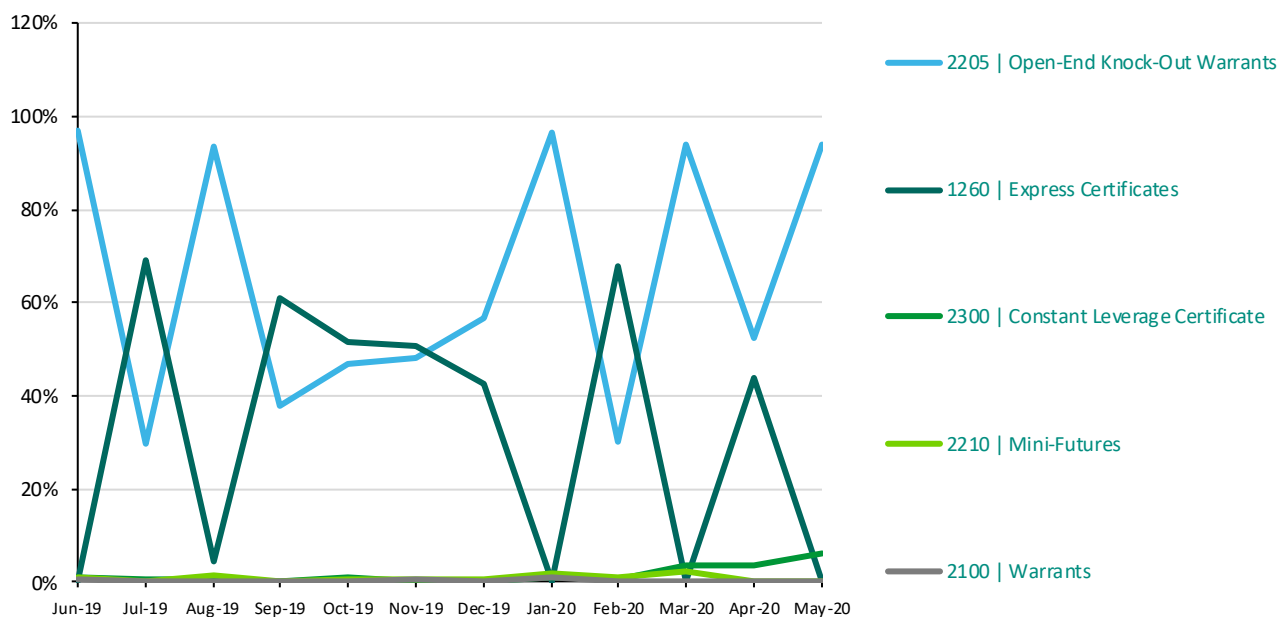
(Source Euronext)



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

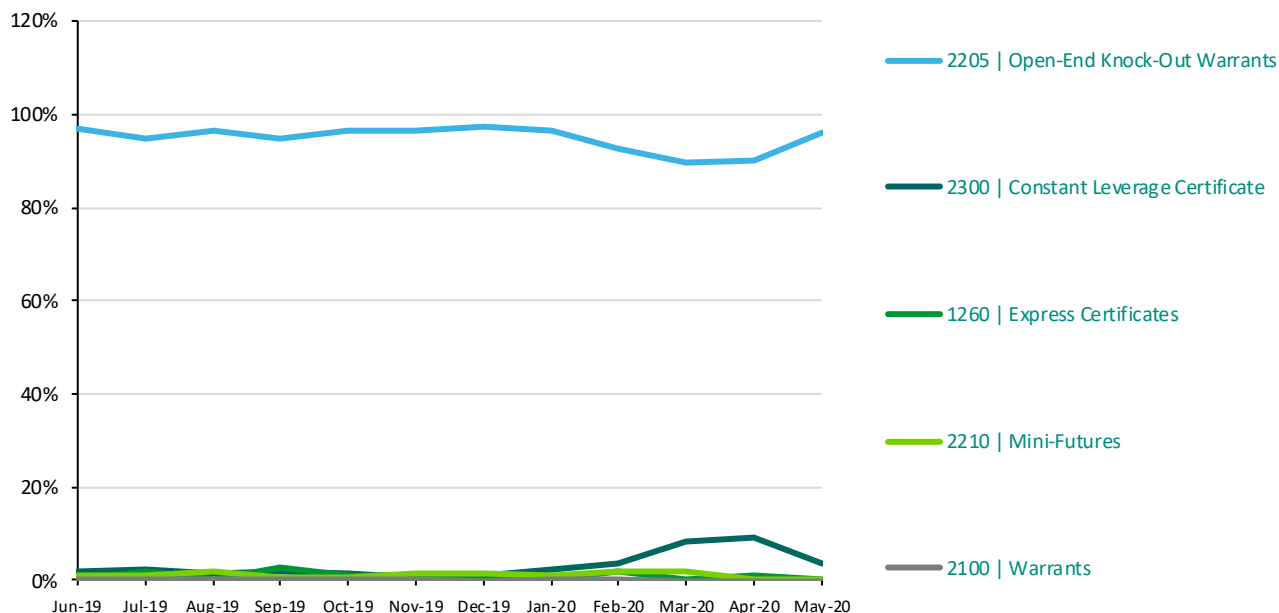
## Market Trend: Value traded

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)

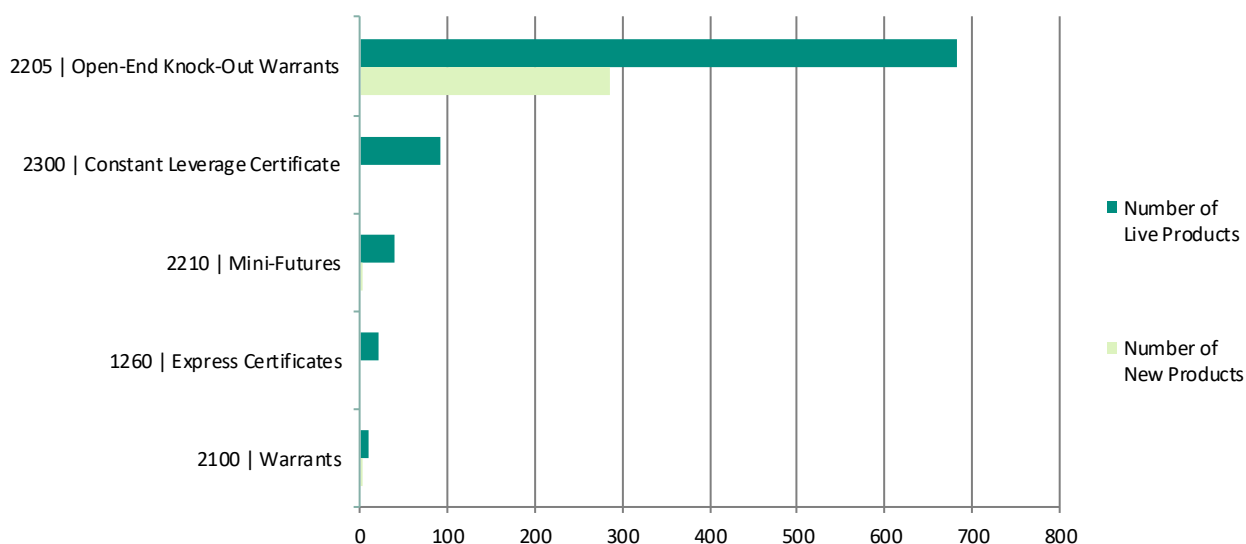
## Product Overview

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	683	6.1%	13.9%	80.8%	287	-58%	0.3%	99.0%
2300   Constant Leverage Certificate	92	-9.3%	-17.7%	10.9%	0	-100%	-100%	0.0%
2210   Mini-Futures	41	-6.0%	-24%	4.8%	2	-99%	-89%	0.7%
1260   Express Certificates	21	17.7%	127%	2.4%	0	-100%	-100%	0.0%
2100   Warrants	9	-5.6%	-46%	1.1%	1	0.0%	0.0%	0.3%
<b>Total</b>	<b>846</b>	<b>3.6%</b>	<b>6.9%</b>	<b>100%</b>	<b>290</b>	<b>-66.1%</b>	<b>-7.0%</b>	<b>100%</b>

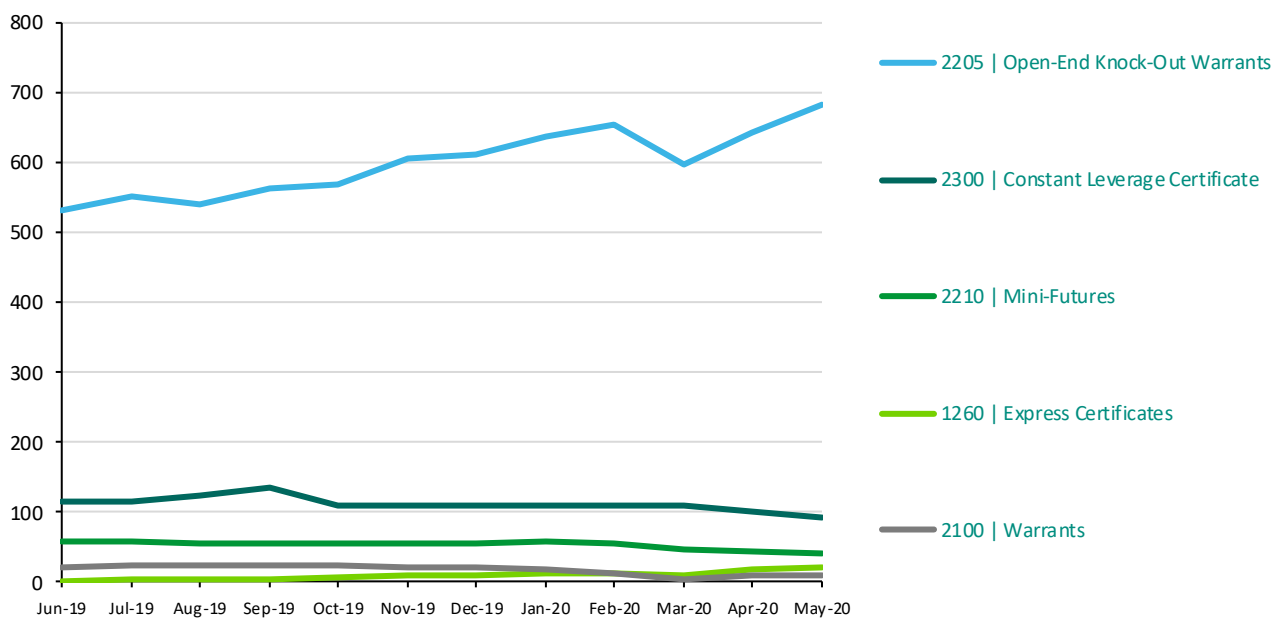
(Source Euronext)



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

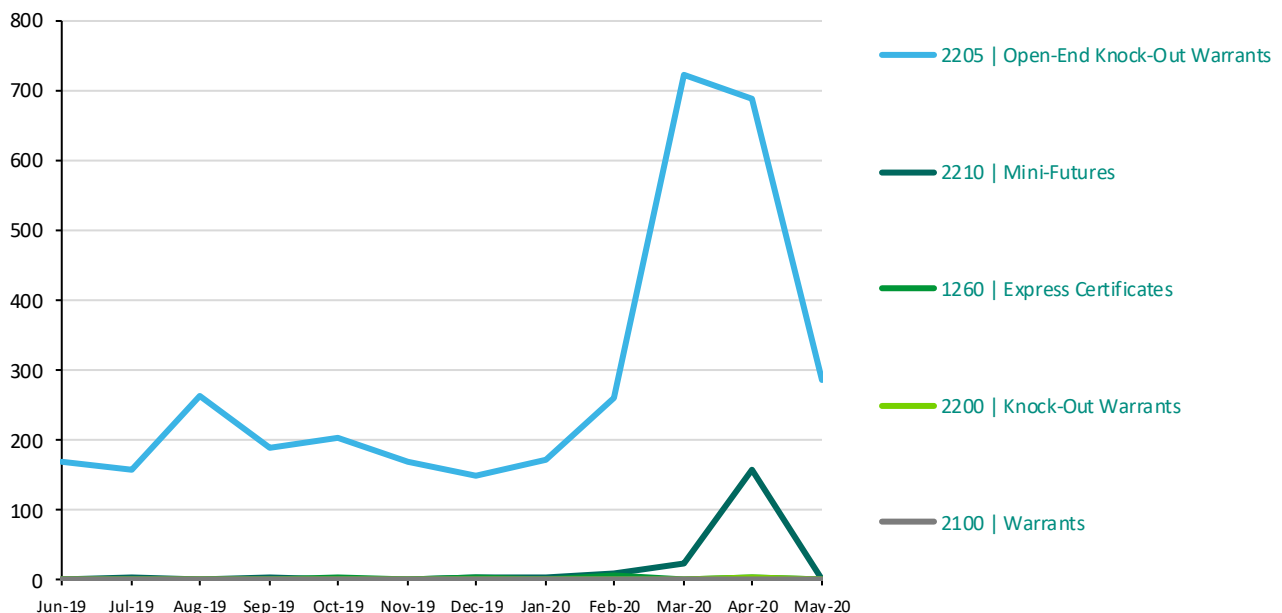
## Product Trend: Number of Live Products

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

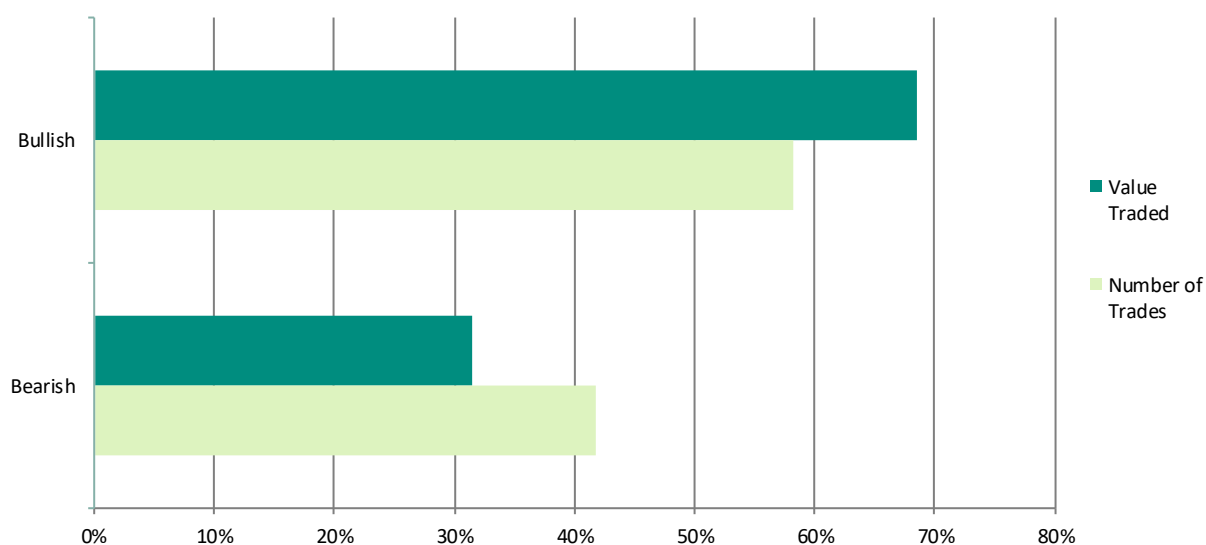
## Market Overview

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	331	-14.7%	-39%	68.6%	137	25.4%	3.4%	58.3%
Bearish	152	37%	-8.5%	31.4%	98	55%	8.2%	41.7%
Total	482	-3.2%	-31.5%	100%	235	36.3%	5.4%	100%

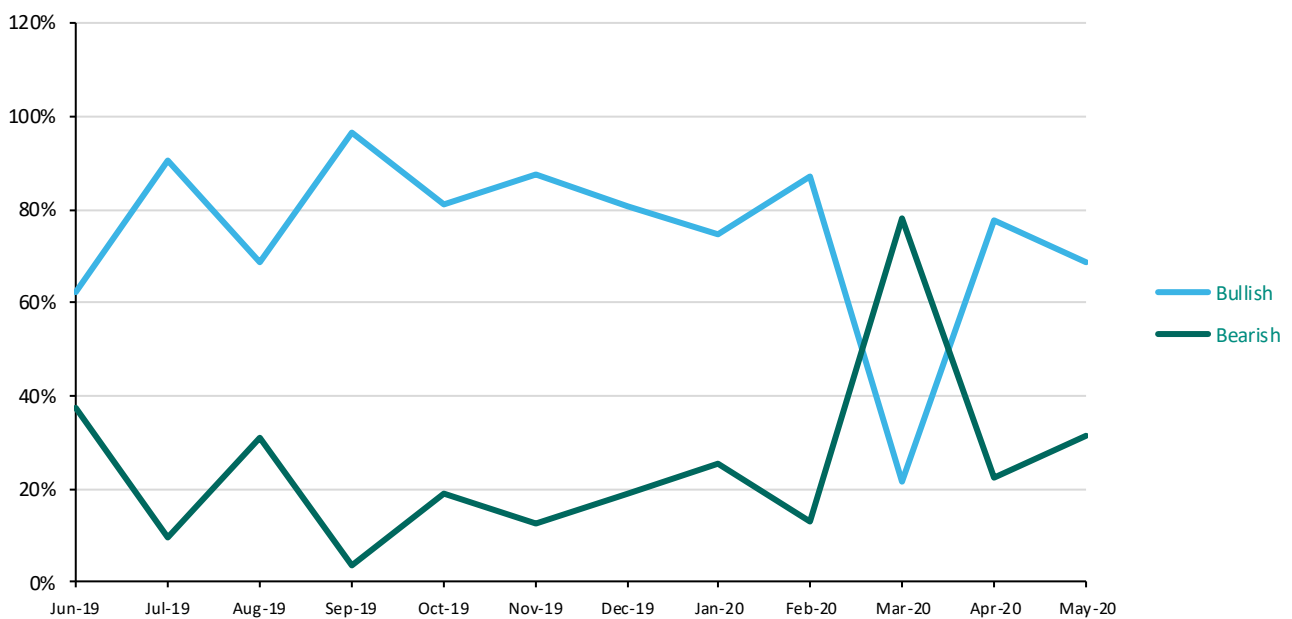
(Source Euronext)



# PRODUCT STRATEGIES

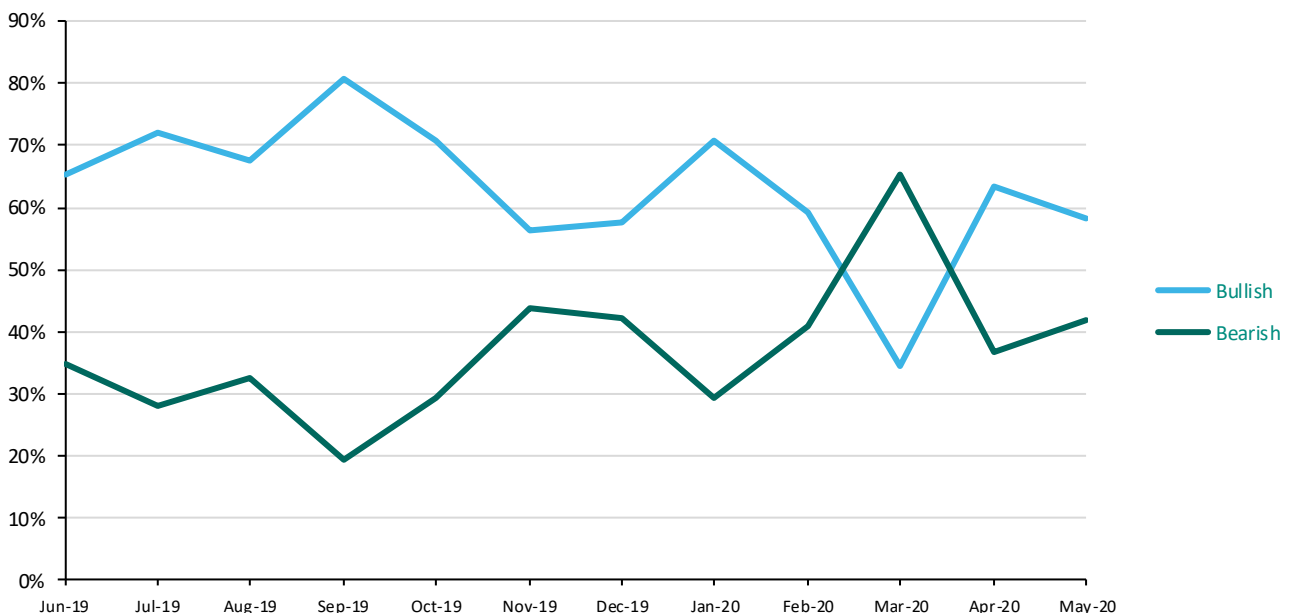
## Market Trend: Value traded

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

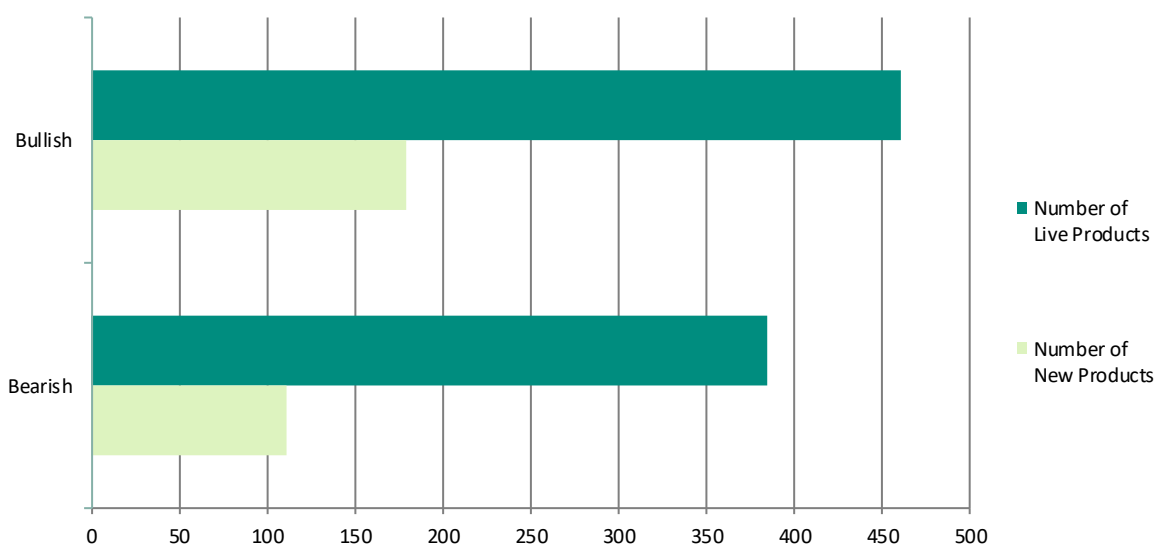
## Product Overview

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	461	15.7%	-11.0%	54.5%	179	-72%	-4.3%	61.7%
Bearish	384	-7.9%	41%	45.5%	111	-48%	-11.0%	38.3%
Total	846	3.6%	6.9%	100%	290	-66.1%	-7.0%	100%

(Source Euronext)

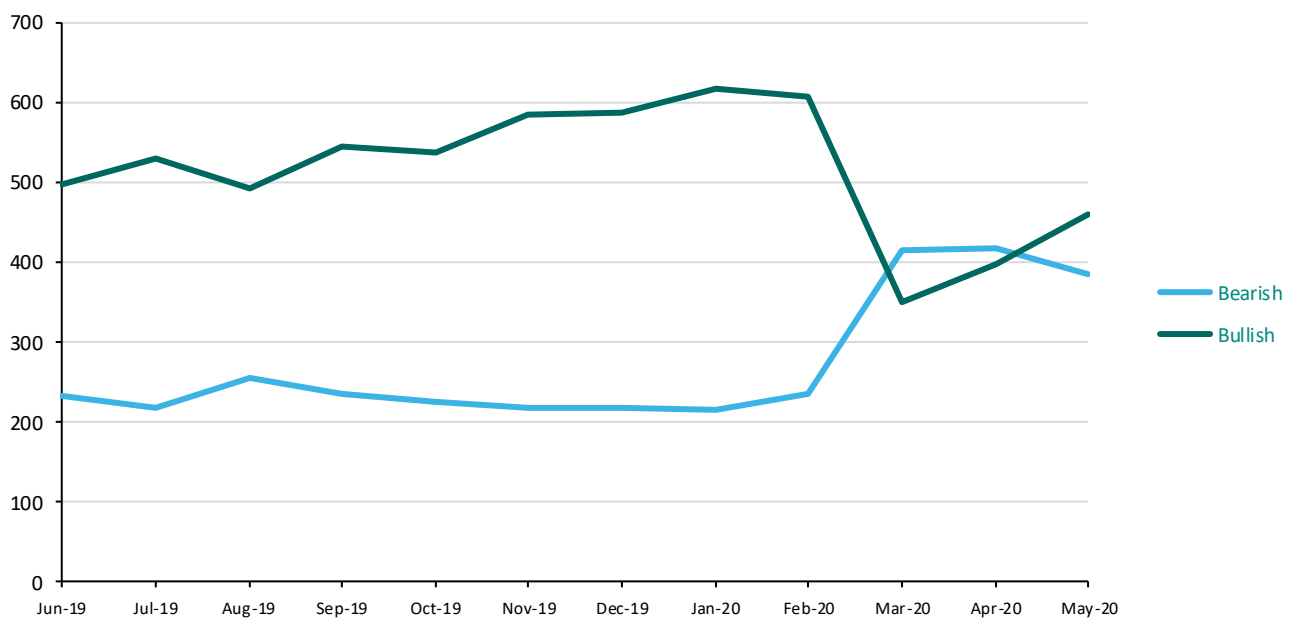




# PRODUCT STRATEGIES

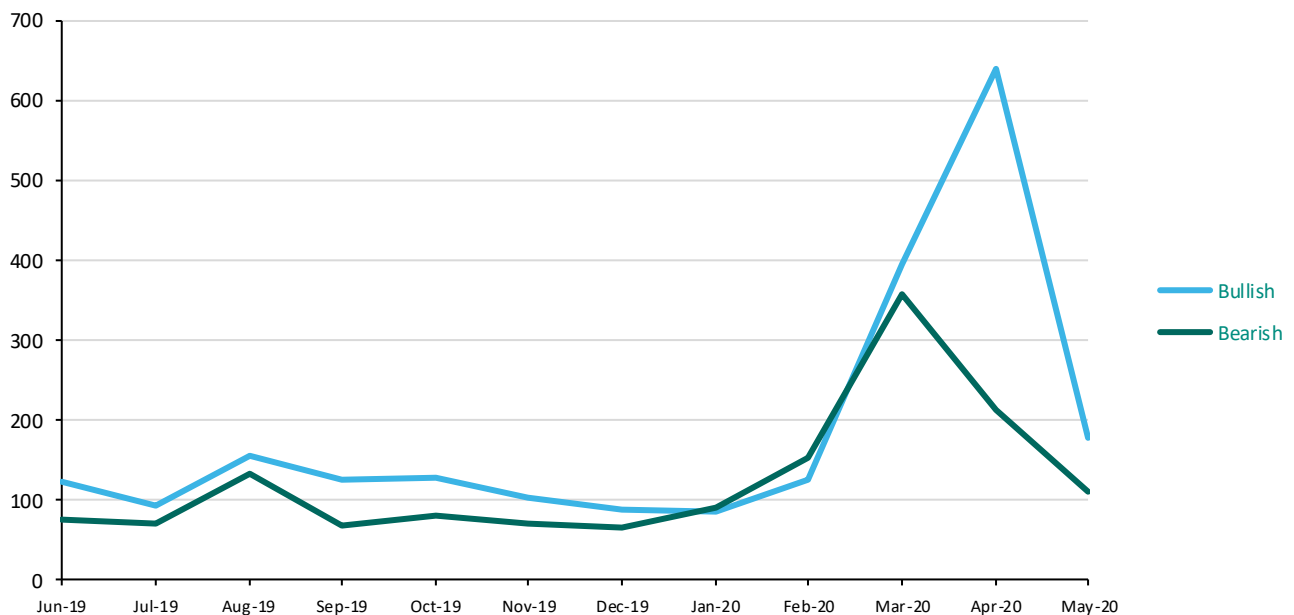
## Product Trend: Number of Live Products

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

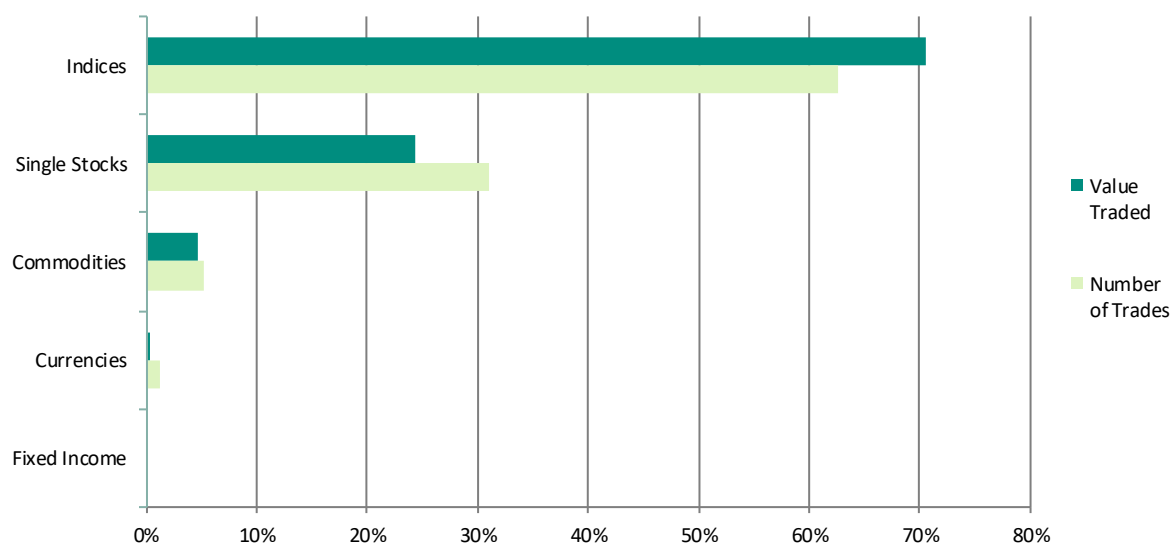
### Market Overview

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	341	-7.5%	-31%	70.7%	147	75.5%	-0.2%	62.7%
Single Stocks	117	7.5%	63%	24.3%	73	6.8%	39.3%	30.9%
Commodities	22	16.3%	-38%	4.6%	12	-32.5%	-38.8%	5.2%
Currencies	2	24%	67%	0.4%	2.8	14.6%	2.4%	1.2%
Fixed Income	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>482</b>	<b>-3.2%</b>	<b>-31.5%</b>	<b>100%</b>	<b>235</b>	<b>36.3%</b>	<b>5.4%</b>	<b>100%</b>

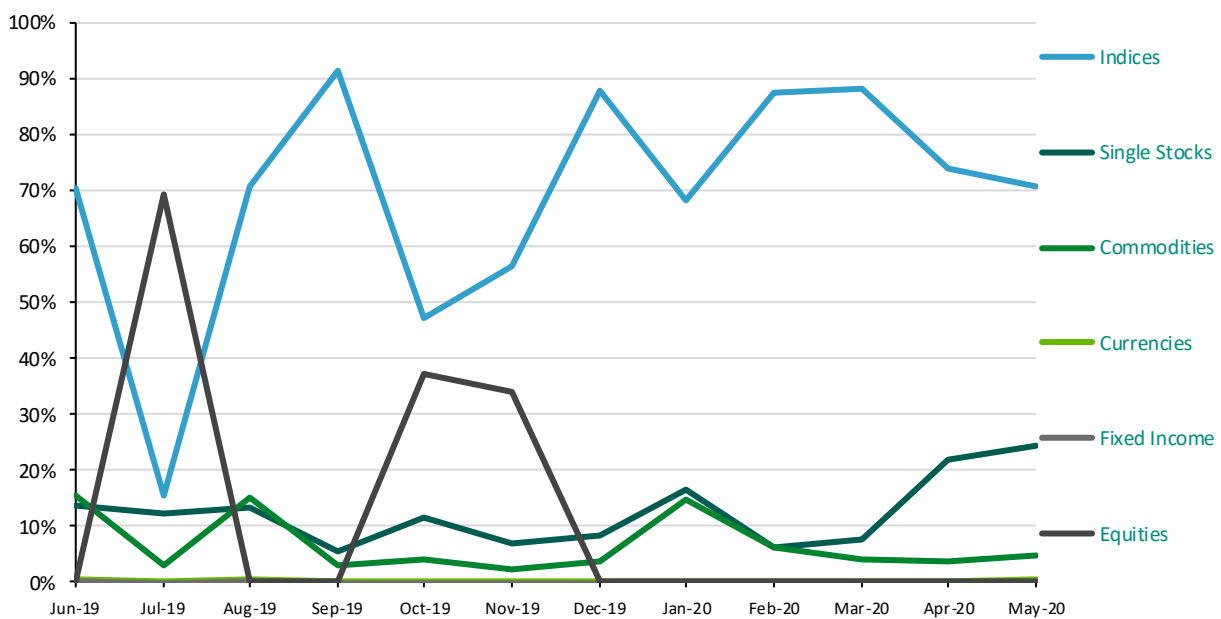
(Source Euronext)



# UNDERLYING TYPES

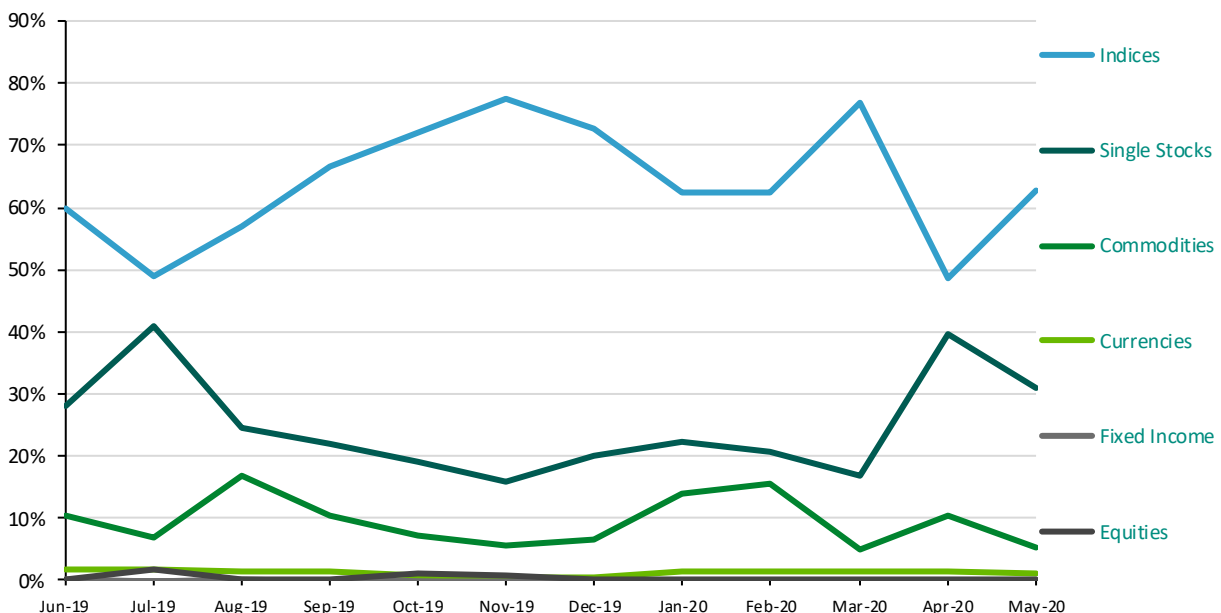
## Market Trend: Value traded

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

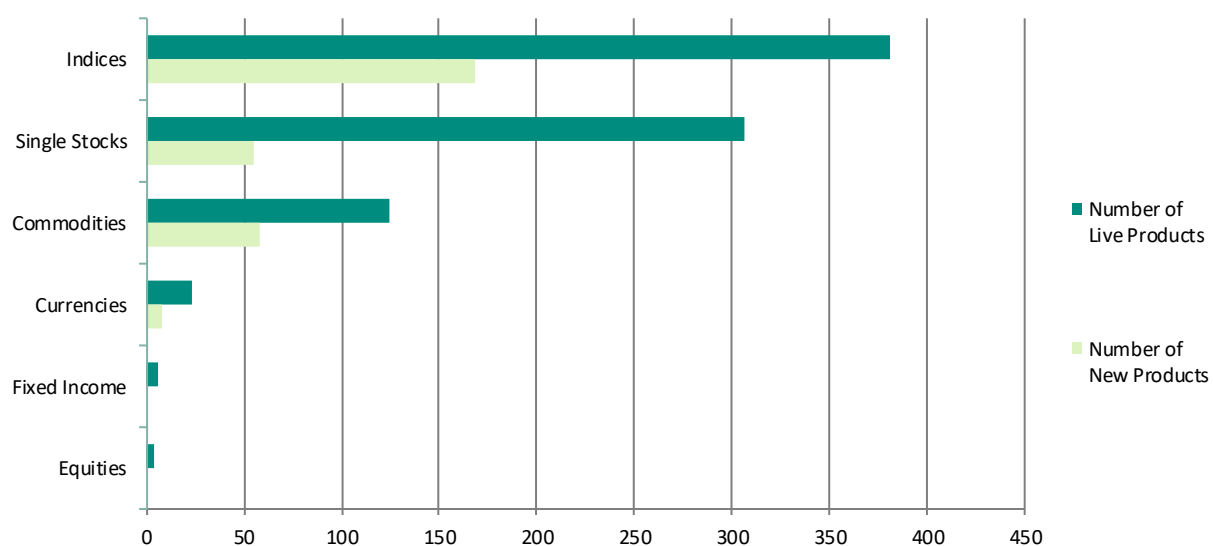
### Product Overview

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	381	-0.2%	5.9%	45.1%	168	-56%	-3.3%	57.9%
Single Stocks	306	7.1%	1.2%	36.2%	55	-79%	-21%	19.0%
Commodities	124	7.7%	28%	14.7%	58	-72%	-4.8%	20.0%
Currencies	24	3.9%	5.7%	2.8%	8	-27%	41%	2.8%
Fixed Income	6	0.0%	-7.2%	0.7%	0		-100%	0.0%
Equities	4	14.3%	67%	0.5%	0		-100%	0.0%
<b>Total</b>	<b>846</b>	<b>3.6%</b>	<b>6.9%</b>	<b>100%</b>	<b>290</b>	<b>-66.1%</b>	<b>-7.0%</b>	<b>100%</b>

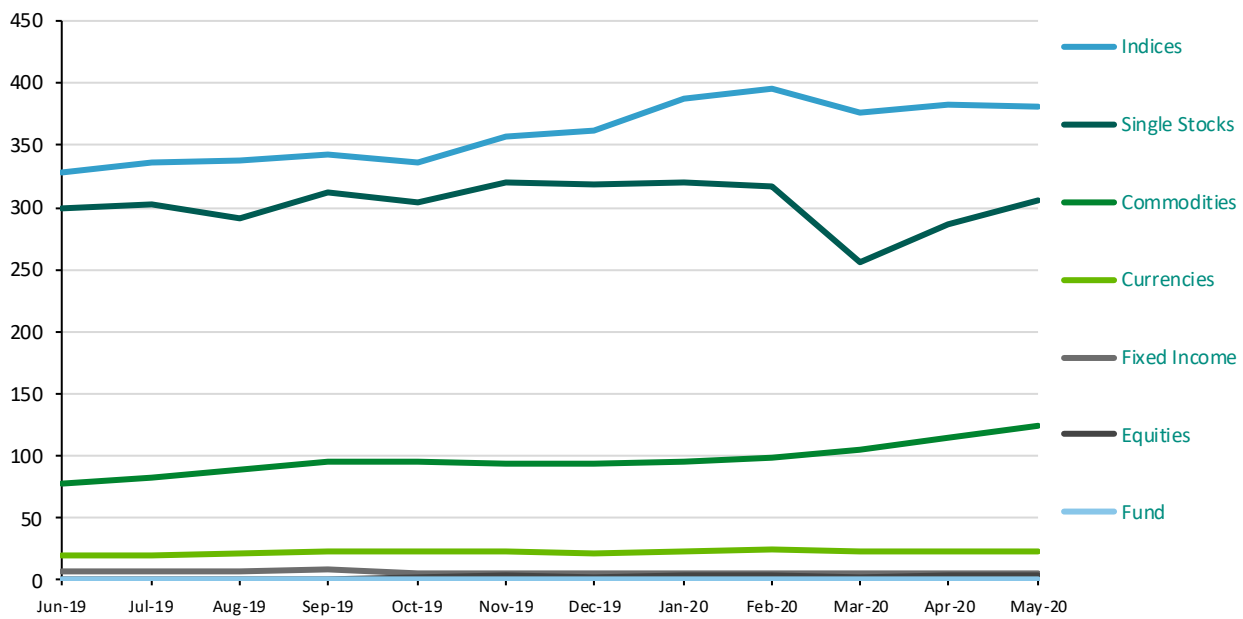
(Source Euronext)



# UNDERLYING TYPES

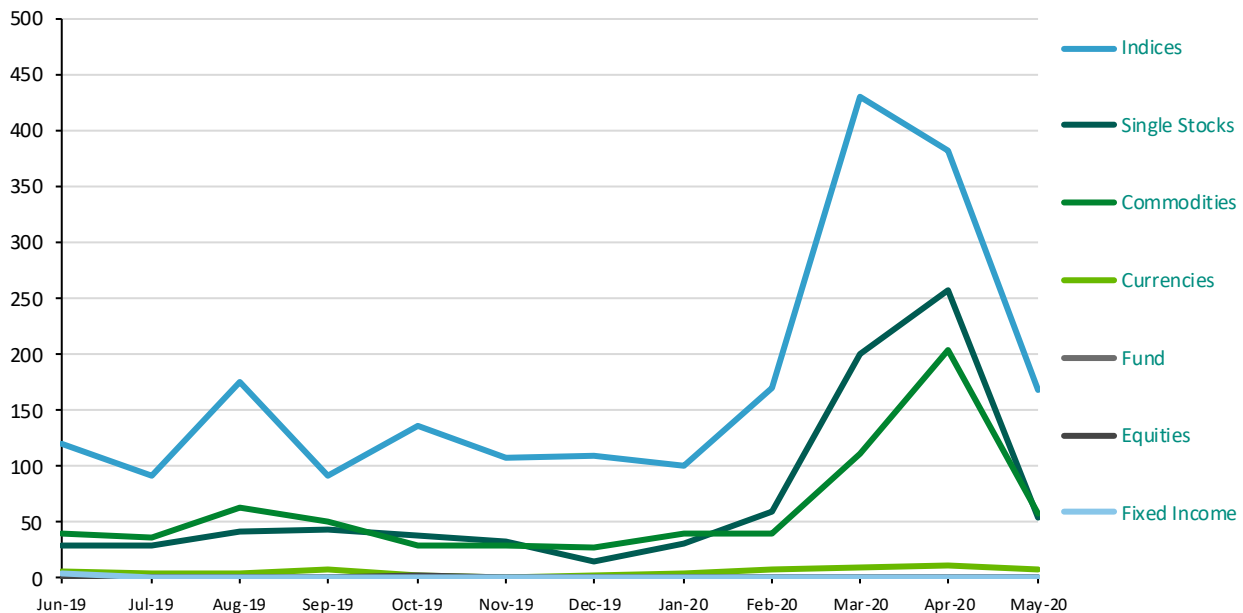
## Product Trend: Number of Live Products

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

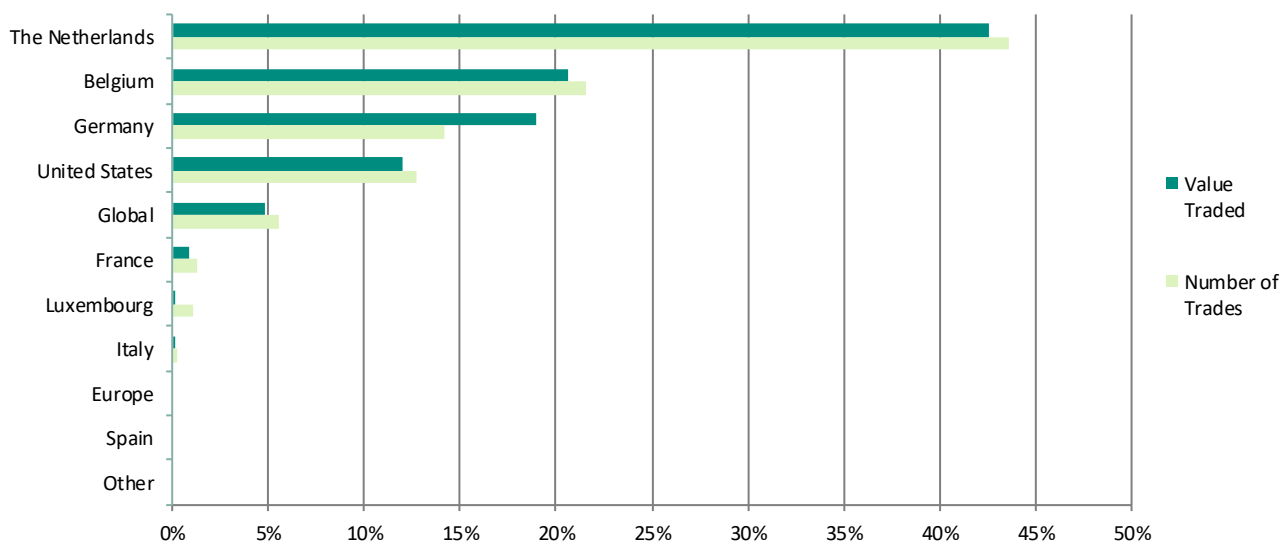
## Market Overview

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
The Netherlands	205	176%	38%	42.6%	102	106.7%	11.3%	43.6%
Belgium	99	37%	65%	20.6%	51	52%	32%	21.5%
Germany	92	127%	-25%	19.0%	33	34%	-19.0%	14.2%
United States	58	-79%	-6.6%	12.0%	30	-23%	40%	12.7%
Global	23	1.5%	-85%	4.8%	13	-19.9%	-38%	5.5%
France	4	-72%	-51%	0.8%	3.1	-60%	-42%	1.3%
Luxembourg	1	-37%	-75%	0.2%	2.5	26%	-24%	1.0%
Italy	0	-0.2%	111%	0.0%	0.4	14.3%	130%	0.2%
Europe	0		-100%	0.0%	0.0		-100%	0.0%
Spain	0		-100%	0.0%	0.0		-100%	0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>482</b>	<b>-3.2%</b>	<b>-31.5%</b>	<b>100%</b>	<b>235</b>	<b>36.3%</b>	<b>5.4%</b>	<b>100%</b>

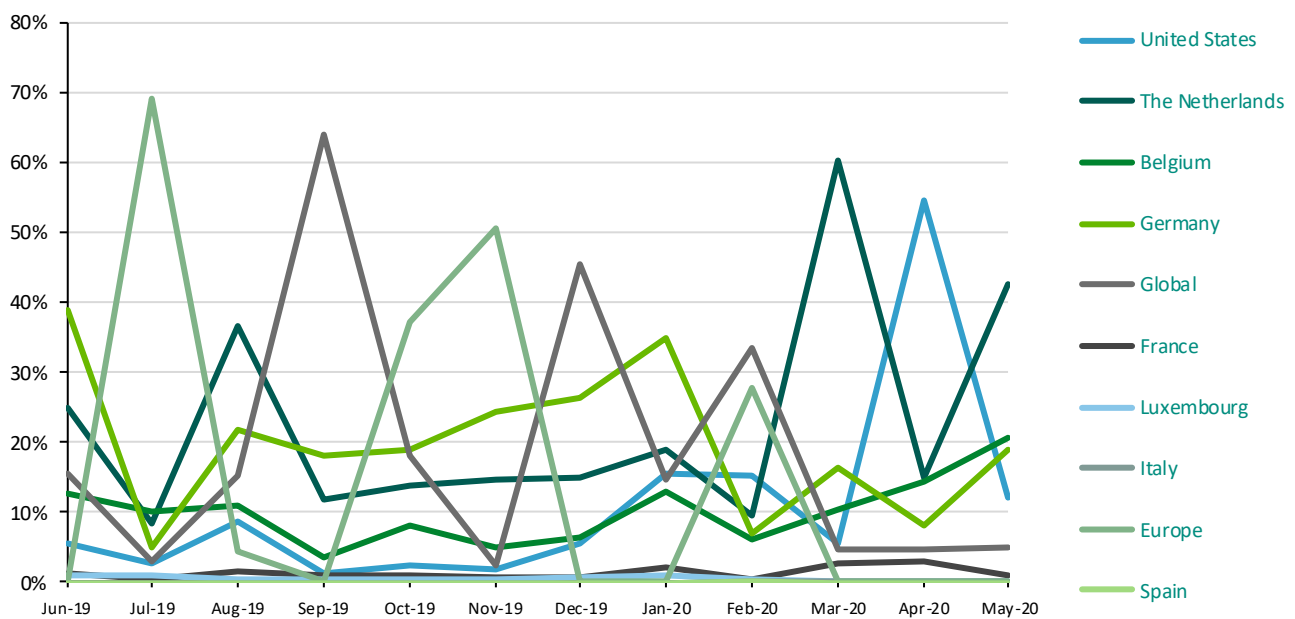
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

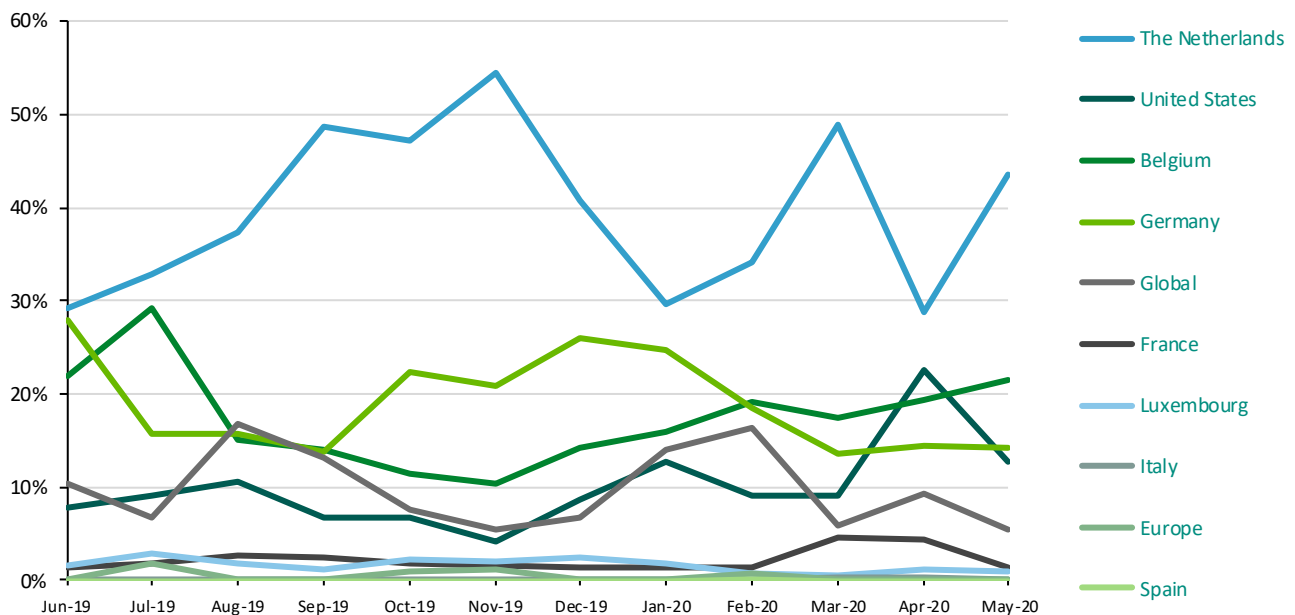
## Market Trend: Value traded

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

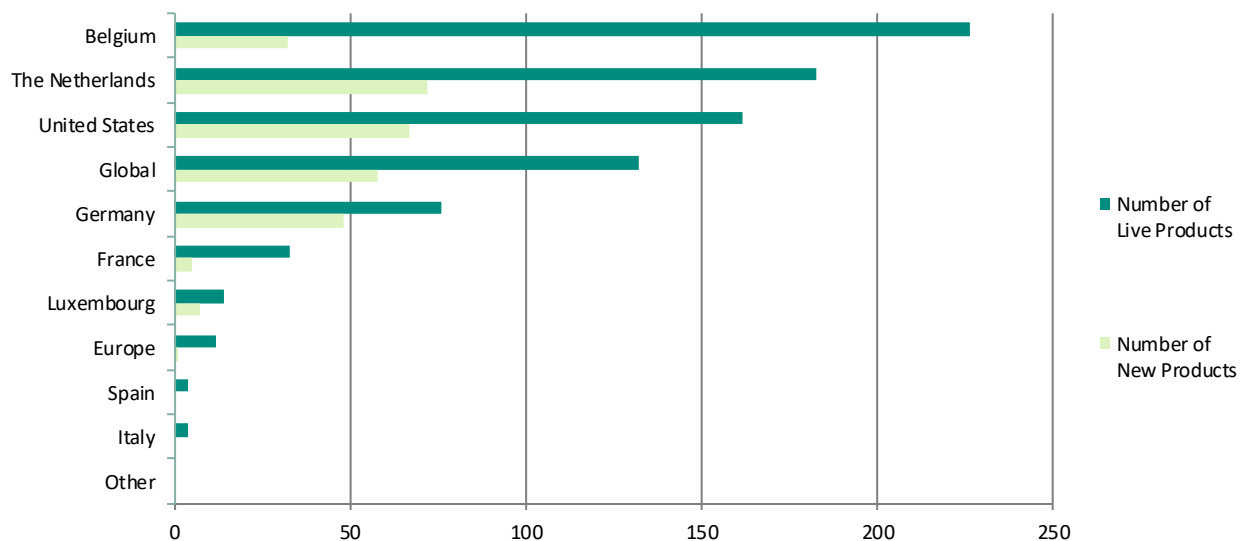
### Product Overview

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	227	3.6%	-1.4%	26.8%	32	-70%	-39%	11.0%
The Netherlands	183	2.2%	4.5%	21.6%	72	-52%	-1.9%	24.8%
United States	162	1.4%	15.2%	19.1%	67	-67%	3.3%	23.1%
Global	132	7.7%	29%	15.6%	58	-66%	-0.9%	20.0%
Germany	76	0.5%	23%	9.0%	48	-44%	17.1%	16.6%
France	33	6.4%	-37%	3.9%	5	-95%	-59%	1.7%
Luxembourg	14	30%	10.7%	1.6%	7	-63%	18.3%	2.4%
Europe	12	4.8%	21%	1.4%	1	-80%	-52%	0.3%
Spain	4	0.0%	-0.4%	0.5%	0	-100%	-100%	0.0%
Italy	4	0.0%	0.4%	0.5%	0		-100%	0.0%
Other	0	-100%		0.0%	0			0.0%
<b>Total</b>	<b>846</b>	<b>3.6%</b>	<b>6.9%</b>	<b>100%</b>	<b>290</b>	<b>-66.1%</b>	<b>-7.0%</b>	<b>100%</b>

(Source Euronext)

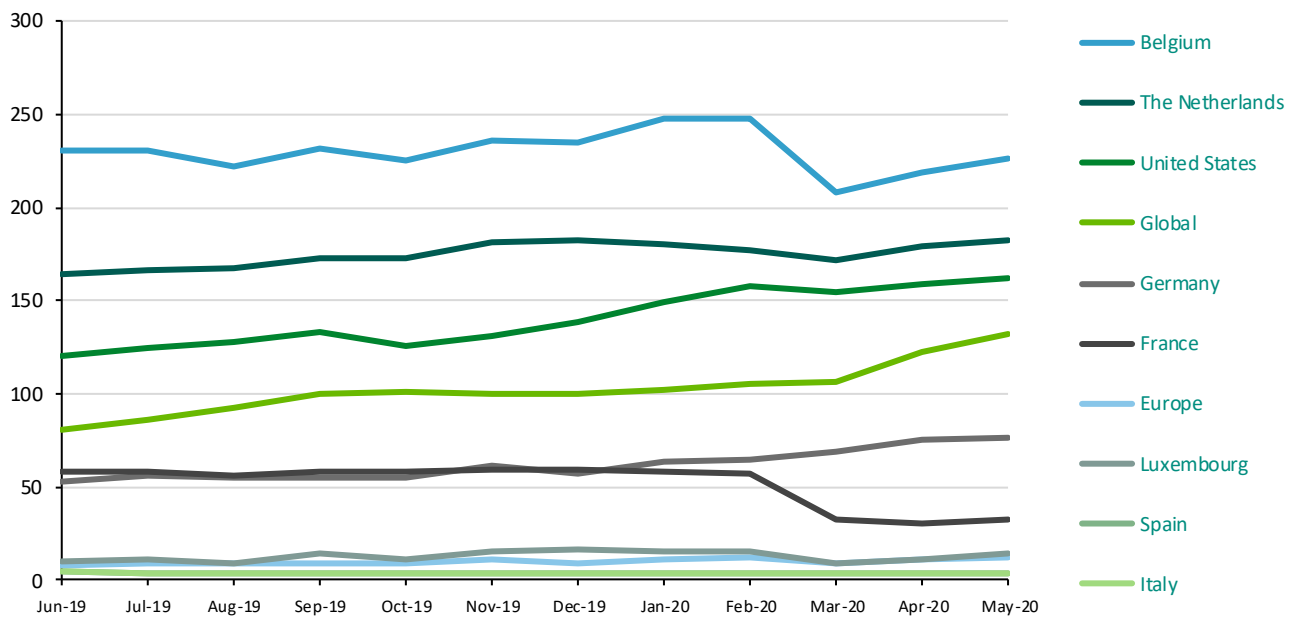




# TOP 10 UNDERLYING COUNTRIES

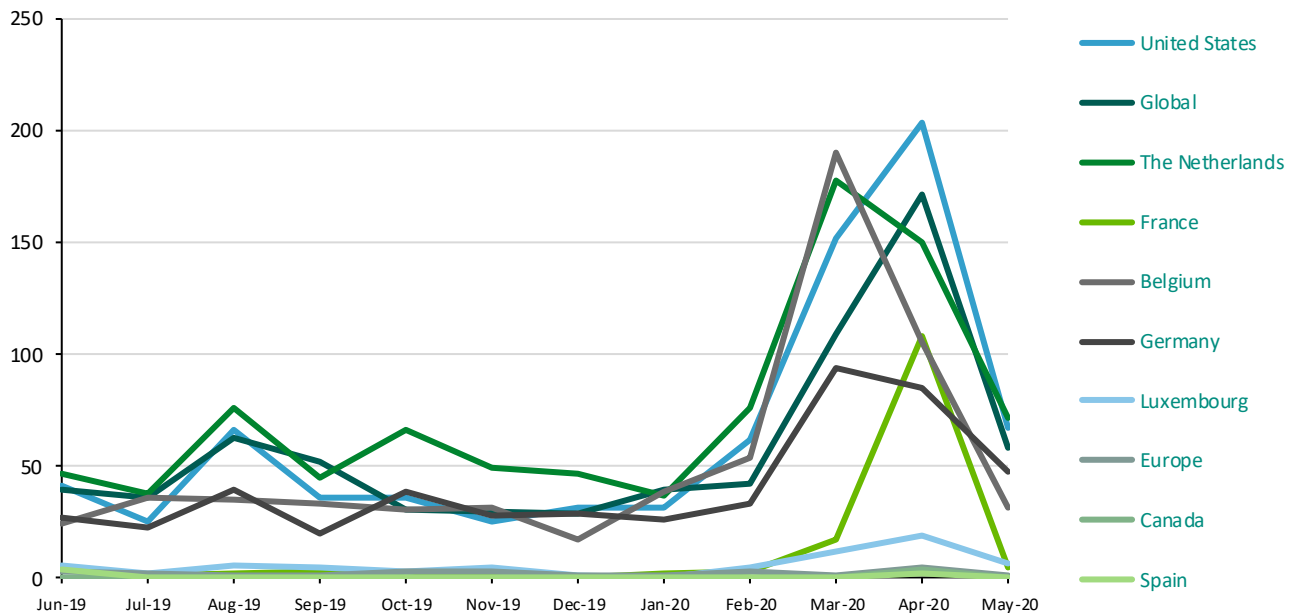
## Product Trend: Number of Live Products

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

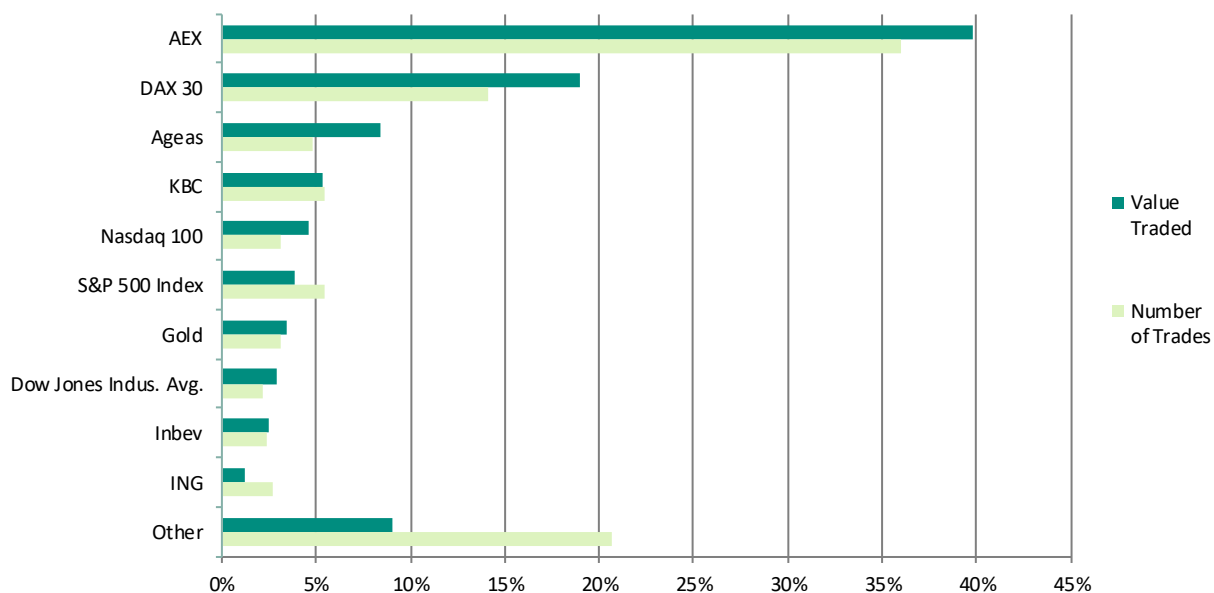
## Market Overview

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
AEX	192	263%	43%	39.8%	84	269.6%	9.4%	36.0%
DAX 30	92	127%	-25%	19.0%	33	34%	-19.0%	14.2%
Ageas	41	4.8%	395%	8.4%	11	65%	496%	4.8%
KBC	26	92%	329%	5.4%	13	70%	211%	5.4%
Nasdaq 100	22	54%	76%	4.6%	7.3	16.8%	35%	3.1%
S&P 500 Index	18	-92%	-53%	3.8%	13	-28%	71%	5.5%
Gold	17	151%	-26%	3.4%	7.4	11.4%	-35%	3.1%
Dow Jones Indus. Avg.	14	4.0%	72%	2.9%	5.1	-17.1%	19.6%	2.2%
Inbev	12	485%	150%	2.5%	5.6	124%	59%	2.4%
ING	6	-10.1%	91%	1.2%	6.2	-33%	112%	2.6%
Other	44	-41%	-87%	9.0%	49	-21%	-23%	20.7%
<b>Total</b>	<b>482</b>	<b>-3.2%</b>	<b>-31.5%</b>	<b>100%</b>	<b>235</b>	<b>36.3%</b>	<b>5.4%</b>	<b>100%</b>

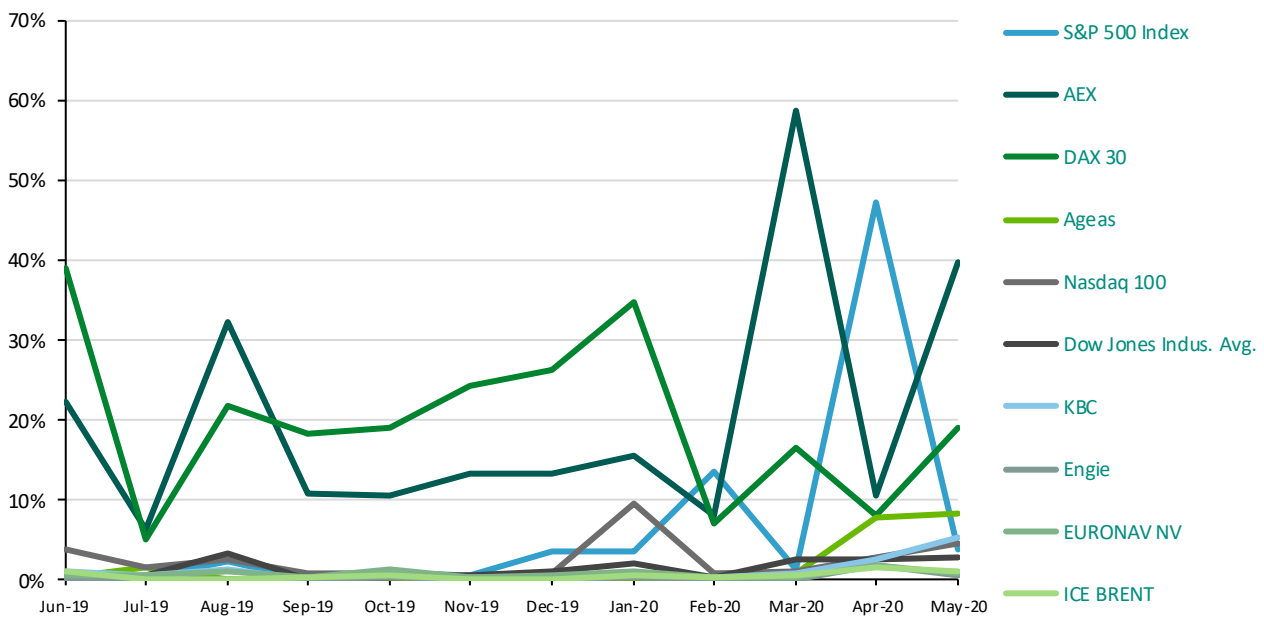
(Source Euronext)



# TOP 10 UNDERLYINGS

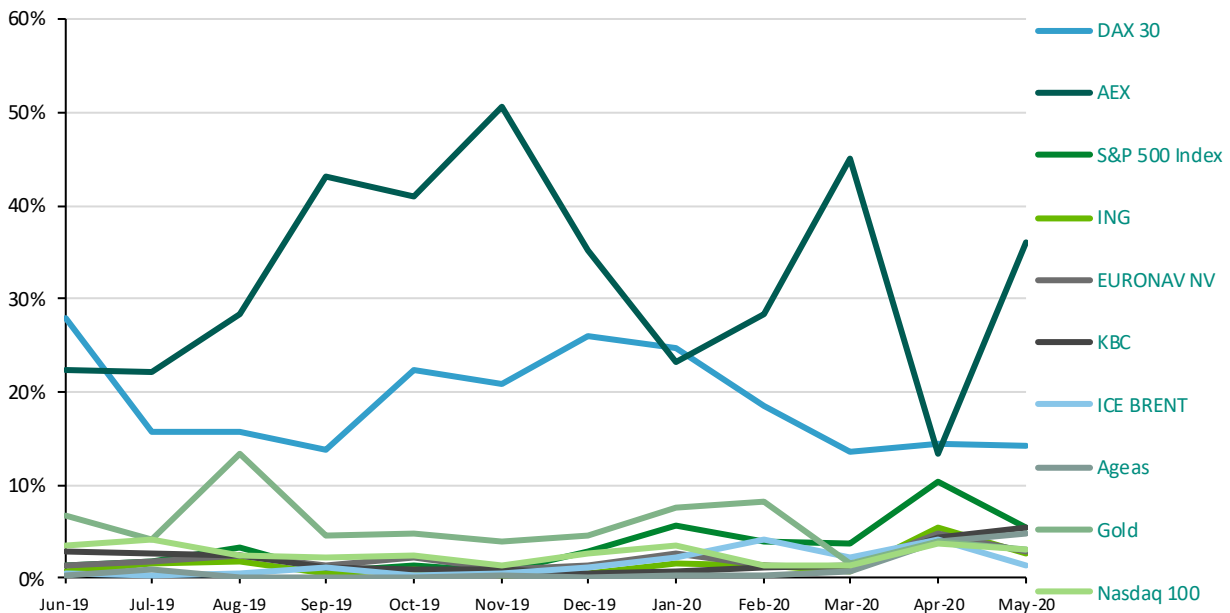
## Market Trend: Value traded

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

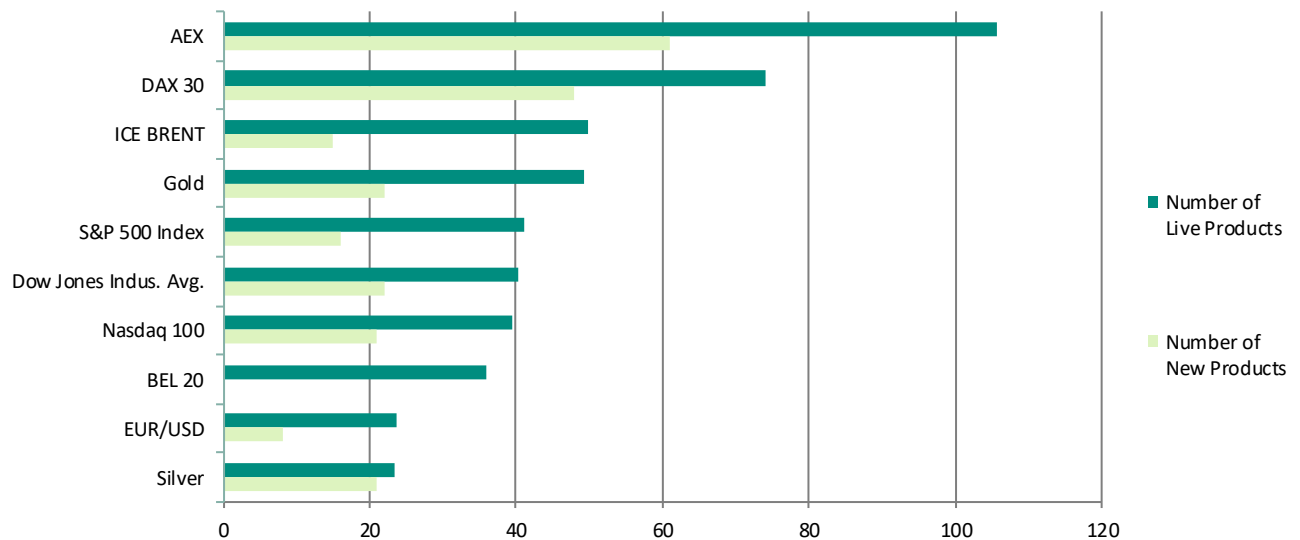
## Product Overview

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	106	-0.5%	7.7%	12.5%	61	-45%	7.5%	21.0%
DAX 30	74	0.5%	25%	8.7%	48	-41%	18.3%	16.6%
ICE BRENT	50	13.4%	67%	5.9%	15	-86%	-20.0%	5.2%
Gold	49	7.7%	21%	5.8%	22	-46%	-3.6%	7.6%
S&P 500 Index	41	8.9%	36%	4.9%	16	-63%	2.1%	5.5%
Dow Jones Indus. Avg.	40	2.7%	25%	4.8%	22	-61%	19.5%	7.6%
Nasdaq 100	39	2.2%	15.8%	4.7%	21	-57%	4.1%	7.2%
BEL 20	36	-6.5%	-19.9%	4.3%	0		-100%	0.0%
EUR/USD	24	3.9%	5.7%	2.8%	8	-27%	41%	2.8%
Silver	23	0.6%	5.7%	2.8%	21	-16.0%	29%	7.2%
Other	363	4.8%	-3.8%	42.9%	56			19.3%
<b>Total</b>	<b>846</b>	<b>3.6%</b>	<b>6.9%</b>	<b>100%</b>	<b>290</b>	<b>-66.1%</b>	<b>-7.0%</b>	<b>100%</b>

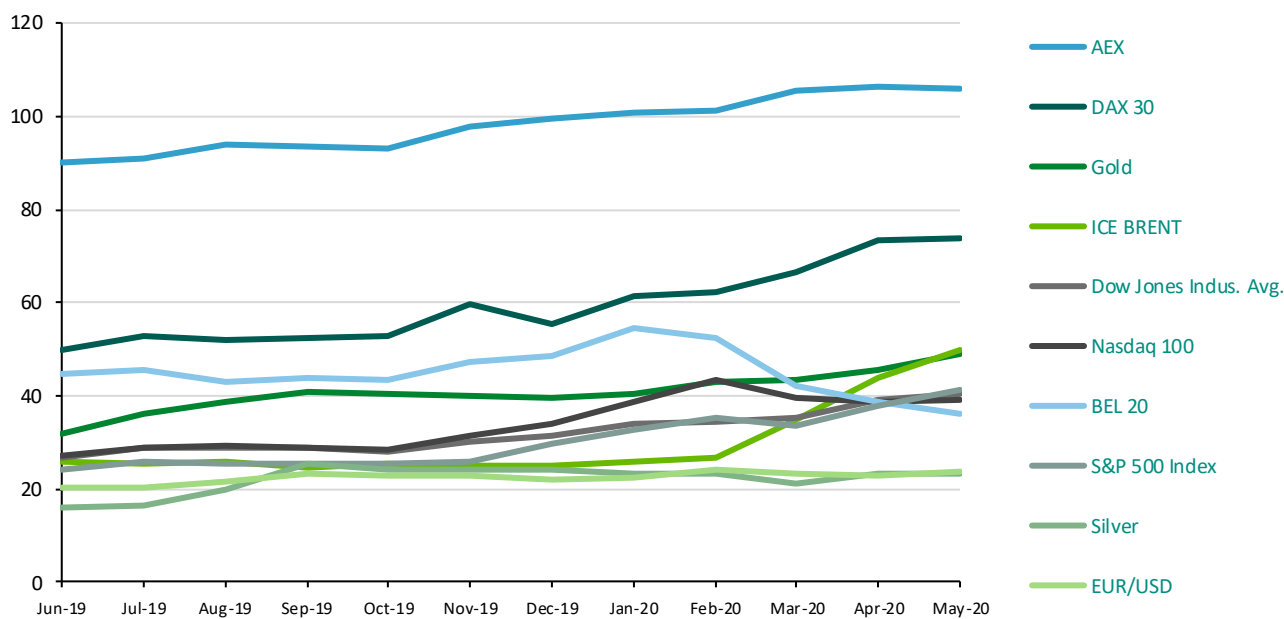
(Source Euronext)



# TOP 10 UNDERLYINGS

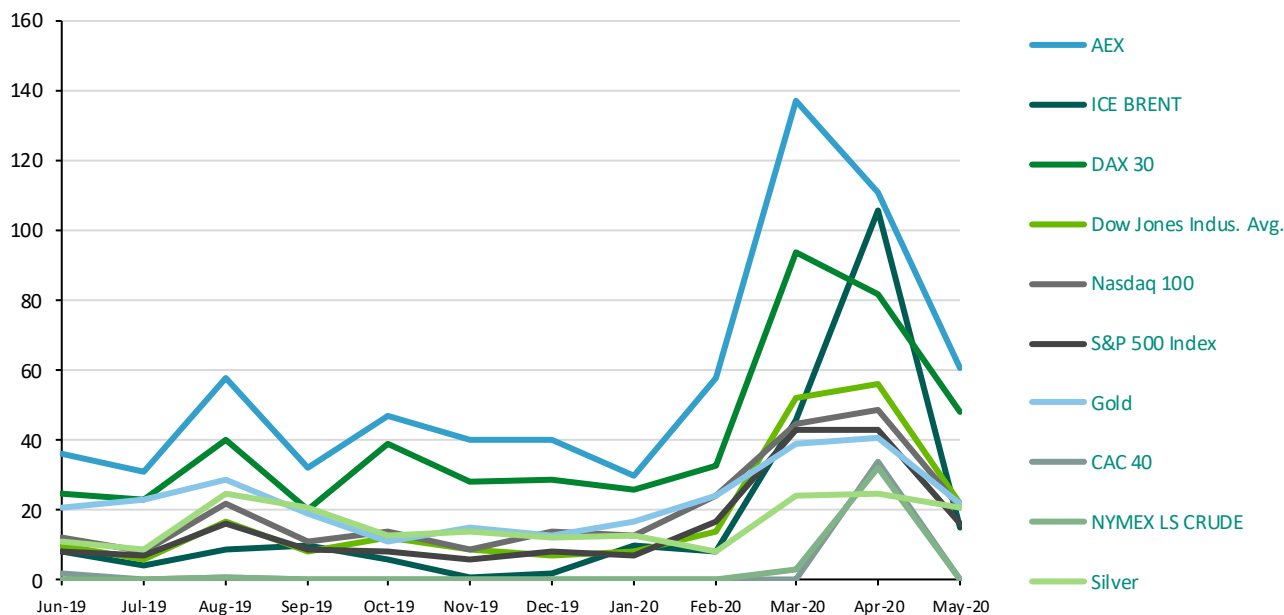
## Product Trend: Number of Live Products

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
DE000SR8E9N2	Société Générale	2205	Open-End Knock-Out Warrants	AEX	1,058	94
DE000CJ3NHM3	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	856	222
DE000SR9KZL2	Société Générale	2205	Open-End Knock-Out Warrants	AEX	747	69
DE000SR8E9M4	Société Générale	2205	Open-End Knock-Out Warrants	AEX	489	72
DE000SR9KZK4	Société Générale	2205	Open-End Knock-Out Warrants	AEX	427	32
DE000CJ3LFT6	Société Générale	2300	Constant Leverage Certificate	DAX 30	287	12
DE000CL3ZHN1	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	282	44
DE000CL7LYE6	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	207	42
DE000CL3Y8K8	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	201	222
DE000CL7LYF3	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	198	77
DE000CJ3LFS8	Société Générale	2300	Constant Leverage Certificate	DAX 30	191	11
DE000SR9KZN8	Société Générale	2205	Open-End Knock-Out Warrants	AEX	176	28
DE000CJ3NF72	Société Générale	2205	Open-End Knock-Out Warrants	S&P 500 Index	169	57
DE000SR855S9	Société Générale	2205	Open-End Knock-Out Warrants	AEX	168	563
DE000SR9Q940	Société Générale	2205	Open-End Knock-Out Warrants	Gold	150	27
DE000SR8CGE6	Société Générale	2205	Open-End Knock-Out Warrants	AEX	133	446
DE000CJ3NFC8	Société Générale	2205	Open-End Knock-Out Warrants	AEX	120	29
DE000CL3ZK77	Société Générale	2205	Open-End Knock-Out Warrants	KBC	112	49
DE000CL85VE7	Société Générale	2205	Open-End Knock-Out Warrants	Inbev	105	19
DE000CL8PPG8	Société Générale	2205	Open-End Knock-Out Warrants	KBC	89	37
DE000CL3ZMW2	Société Générale	2205	Open-End Knock-Out Warrants	KBC	81	14
DE000SR9H9N8	Société Générale	2205	Open-End Knock-Out Warrants	AEX	73	26
DE000CJ3M8R1	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	73	17
DE000CJ3NFF1	Société Générale	2205	Open-End Knock-Out Warrants	AEX	72	82
DE000CL7LYM9	Société Générale	2205	Open-End Knock-Out Warrants	Inbev	70	34
DE000SR70YC0	Société Générale	2205	Open-End Knock-Out Warrants	AEX	68	16
DE000CL707T4	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	65	22
DE000CJ3LJ96	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	61	13
DE000CL3ZMX0	Société Générale	2205	Open-End Knock-Out Warrants	KBC	61	48
DE000CJ3M4H1	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	60	7
DE000CJ3NFF9	Société Générale	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	57	27
DE000CL7LZH6	Société Générale	2205	Open-End Knock-Out Warrants	Gold	57	2
DE000CL7LZW5	Société Générale	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	53	2
DE000SR9JAH5	Société Générale	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	48	5
DE000SR81KB8	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	48	24
DE000CL3ZK69	Société Générale	2205	Open-End Knock-Out Warrants	KBC	47	15
DE000CL87LL9	Société Générale	2205	Open-End Knock-Out Warrants	ICE BRENT	46	12
DE000CL7JLV1	Société Générale	2205	Open-End Knock-Out Warrants	KBC	46	12
DE000CL7LZ49	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	45	7
DE000CL3ZH49	Société Générale	2205	Open-End Knock-Out Warrants	Engie	45	30
DE000SR8CGN7	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	44	6
DE000CL7JLF4	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	42	6
DE000CJ3M9L2	Société Générale	2205	Open-End Knock-Out Warrants	AEX	41	19
DE000SR71RK5	Société Générale	2205	Open-End Knock-Out Warrants	AEX	41	4
DE000CJ3NF56	Société Générale	2205	Open-End Knock-Out Warrants	S&P 500 Index	39	11
DE000SR70YH9	Société Générale	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	38	14
DE000SR8E9R3	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	37	16
DE000CJ3MY70	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	36	14
DE000SR9KZJ6	Société Générale	2205	Open-End Knock-Out Warrants	S&P 500 Index	33	53
DE000CL89W76	Société Générale	2205	Open-End Knock-Out Warrants	ING	33	45

(Source Euronext)



Euronext Lisbon

# ISSUERS

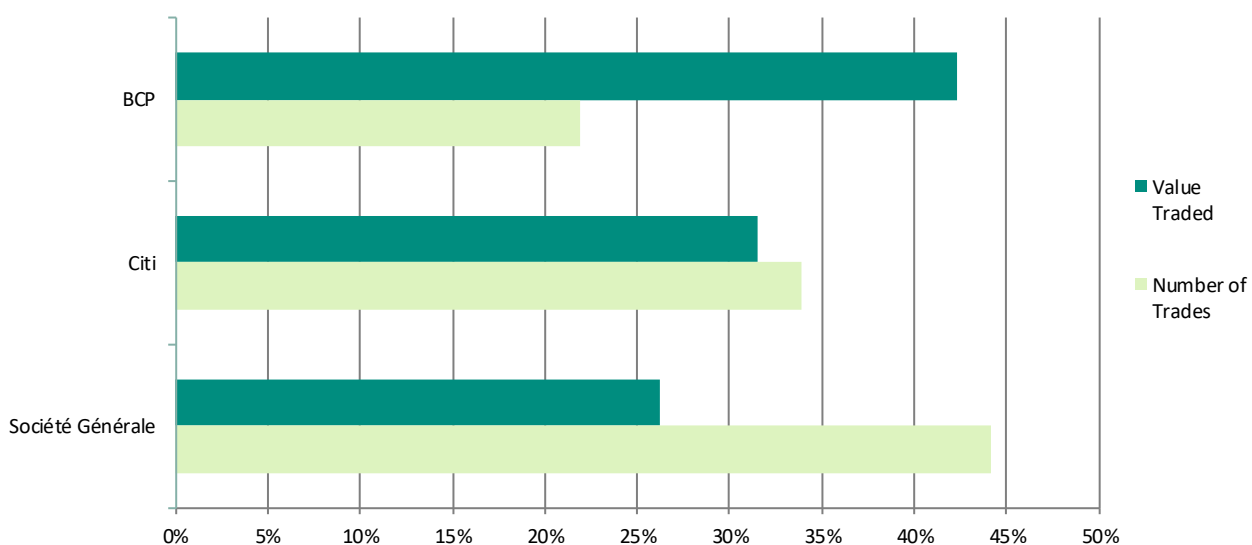
## Market Overview

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	740	-2.9%	-82%	42.4%	66	-14.5%	-75.4%	21.9%
Citi	550	48%	223%	31.5%	102	24.7%	112.8%	33.9%
Société Générale	458	31%	468%	26.2%	134	23.0%	432.0%	44.2%
Total	1,748	17.8%	-61.2%	100%	302	12.7%	-23.4%	100%

(Source Euronext)

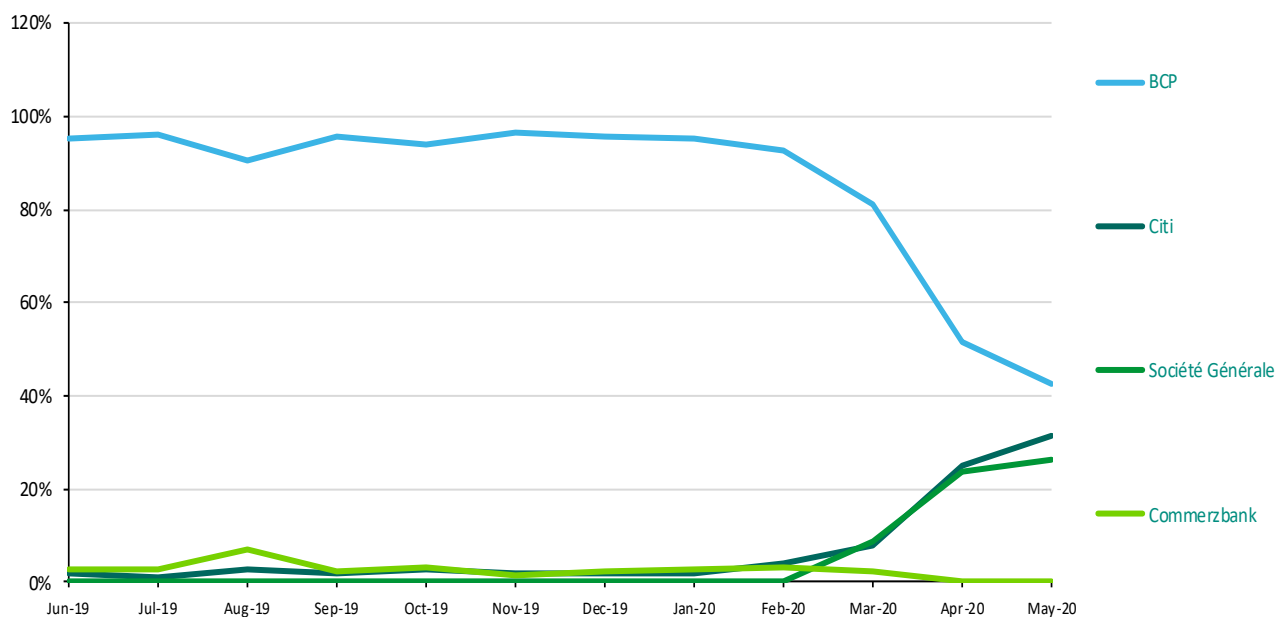




# ISSUERS

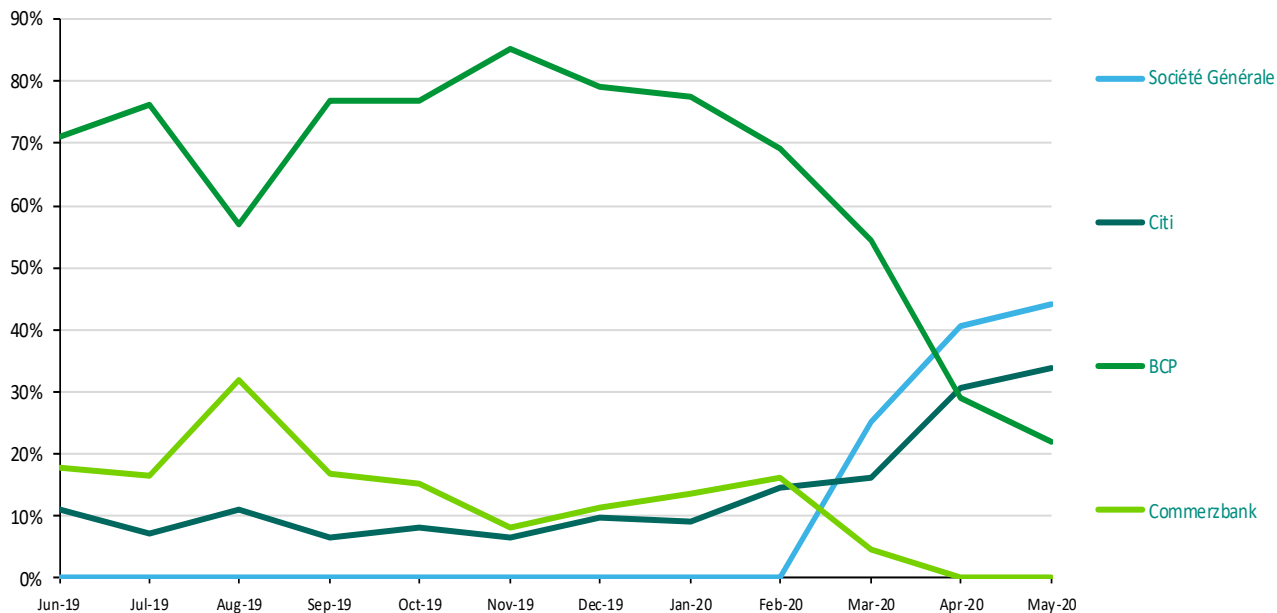
## Market Trend: Value traded

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

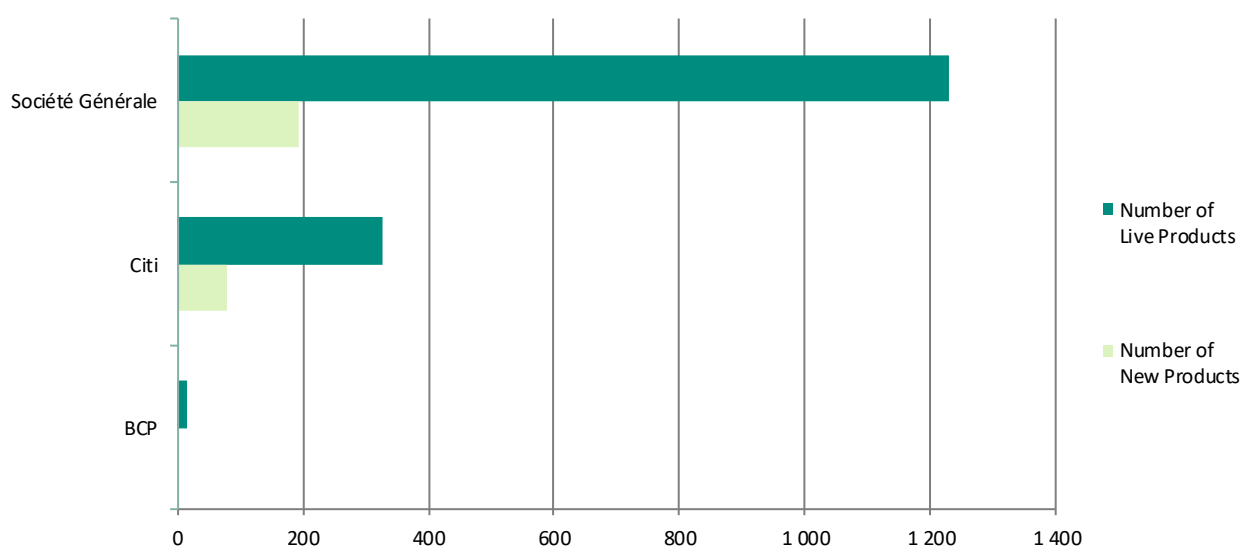
## Product Overview

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
Société Générale	1,232	-0.7%	476%	78.2%	193	-70%	35%	71.0%
Citi	328	9.3%	-11.2%	20.8%	79	-31%	-41%	29.0%
BCP	15	-1.3%	-25%	0.9%	0			0.0%
<b>Total</b>	<b>1,574</b>	<b>1.2%</b>	<b>0.9%</b>	<b>100%</b>	<b>272</b>	<b>-63.6%</b>	<b>-37.7%</b>	<b>100%</b>

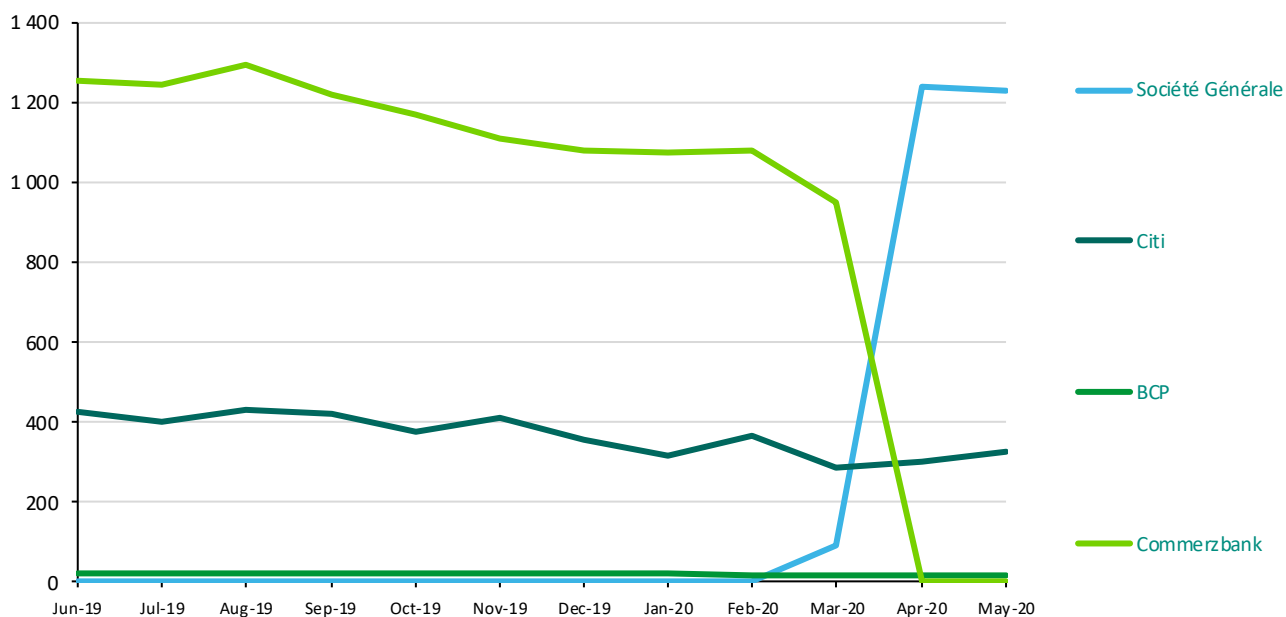
(Source Euronext)



# ISSUERS

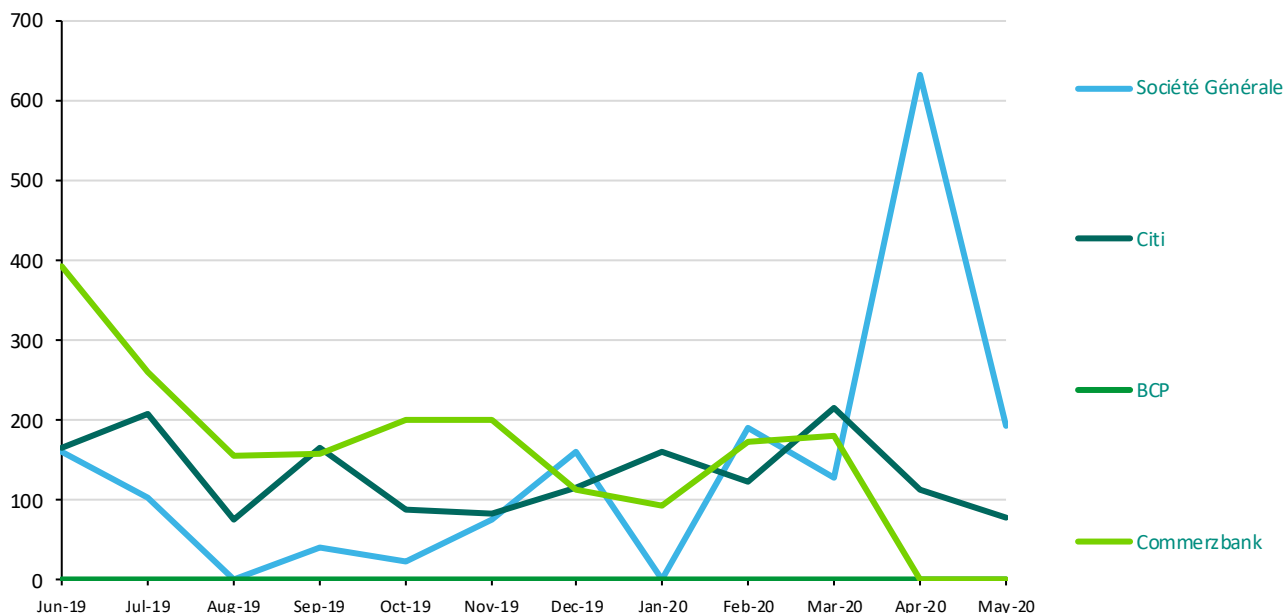
## Product Trend: Number of Live Products

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

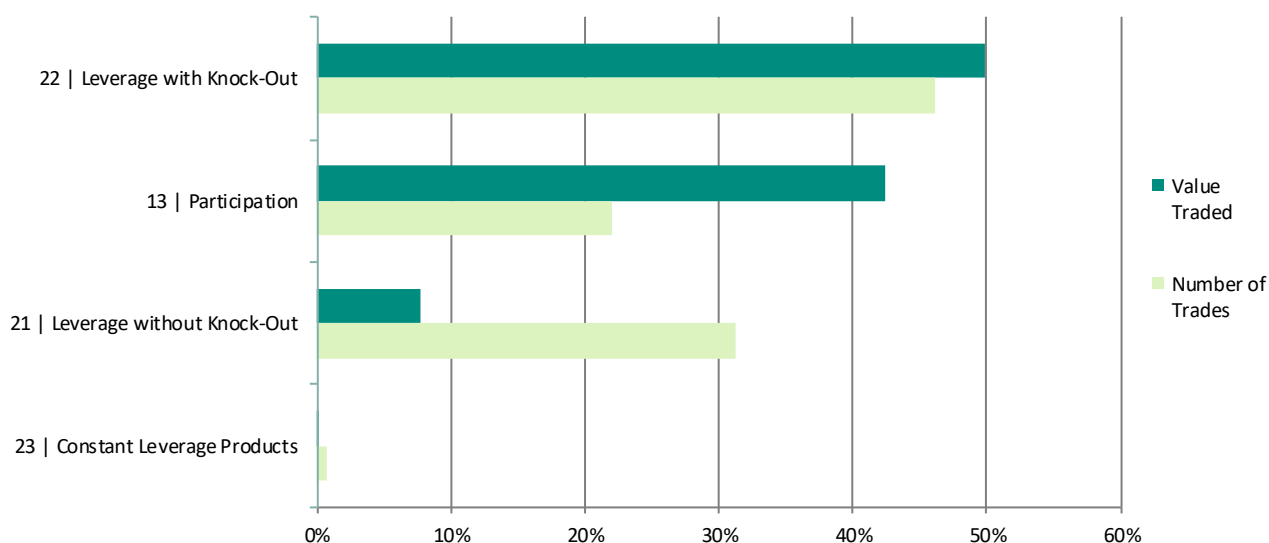
## Market Overview

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
22   Leverage with Knock-Out	871	47%	192%	49.8%	139	9.2%	60.5%	46.1%
13   Participation	740	-2.9%	-82%	42.4%	66	-14.5%	-75.4%	21.9%
21   Leverage without Knock-Out	135	5.5%	109%	7.7%	94	60.7%	159.6%	31.2%
23   Constant Leverage Products	2	-3.8%	-85%	0.1%	2.3	-47.7%	-2.3%	0.8%
<b>Total</b>	<b>1,748</b>	<b>17.8%</b>	<b>-61.2%</b>	<b>100%</b>	<b>302</b>	<b>12.7%</b>	<b>-23.4%</b>	<b>100%</b>

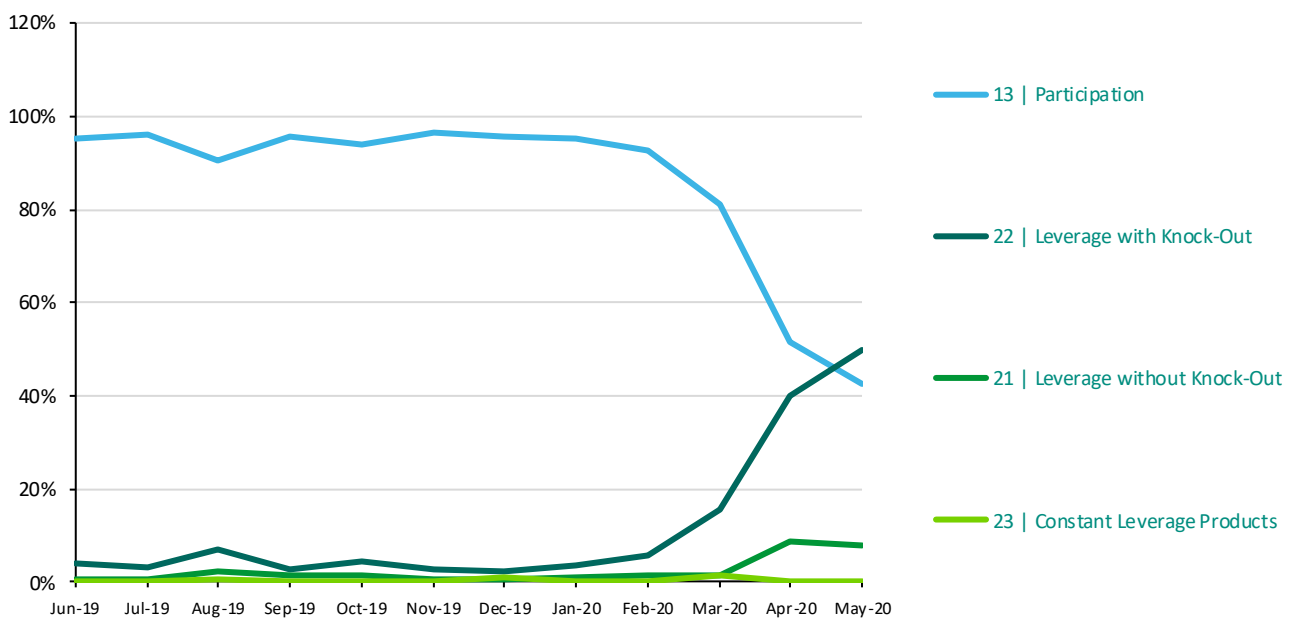
(Source Euronext)



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

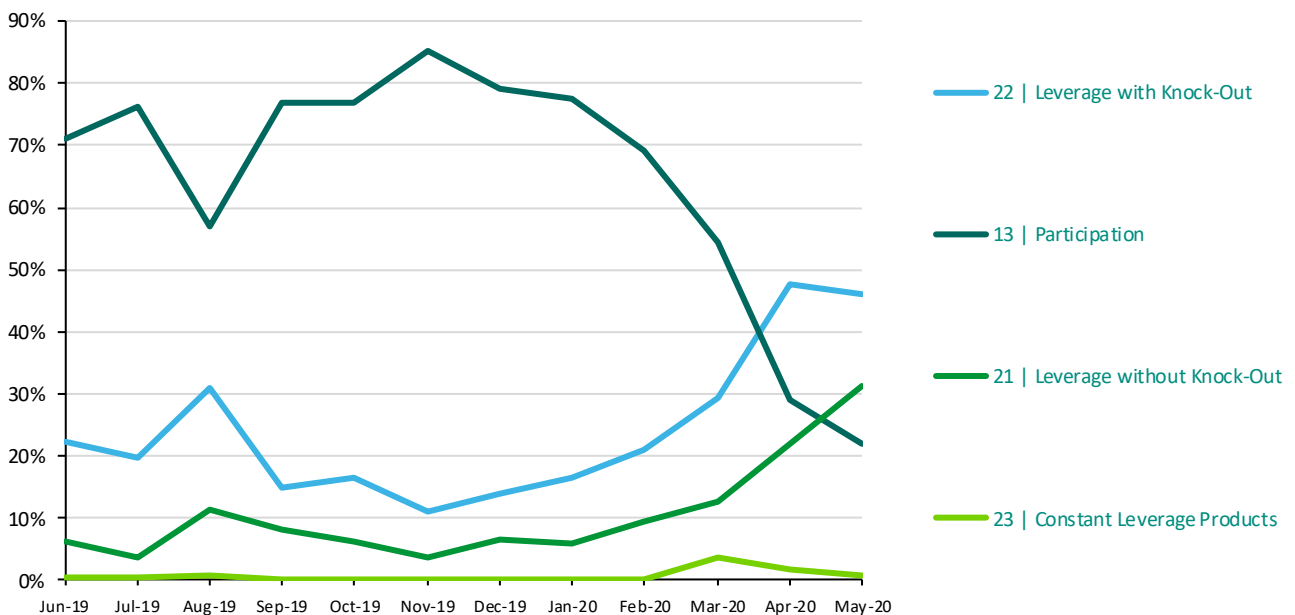
## Market Trend: Value traded

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)

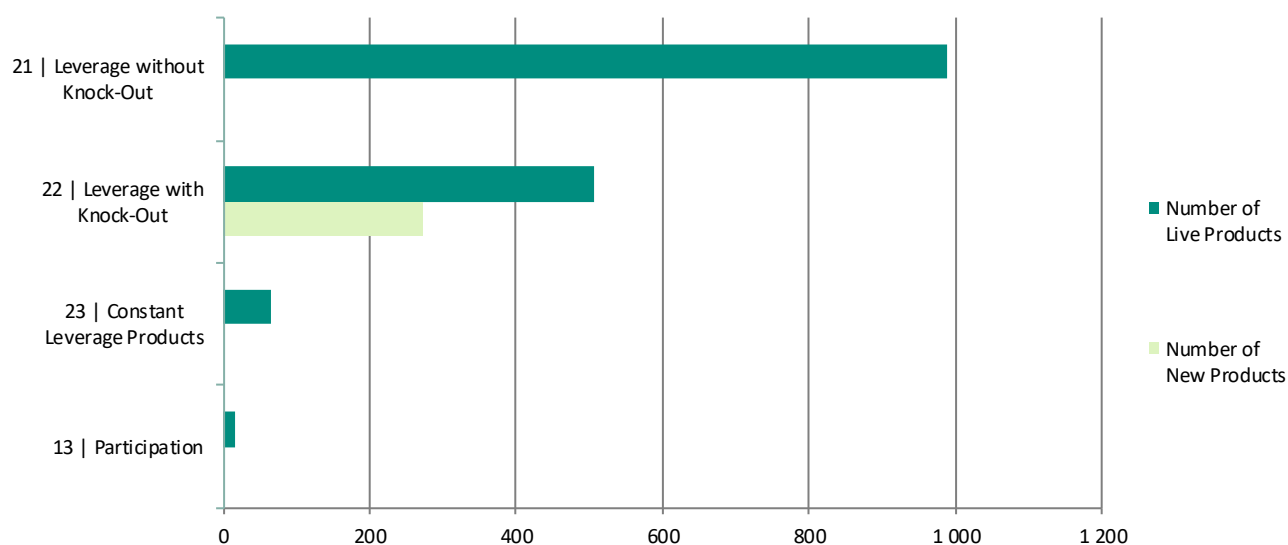
### Product Overview

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	988	7.1%	11.1%	62.8%	0	-100%	-100%	0.0%
22   Leverage with Knock-Out	505	-6.3%	-9.2%	32.1%	272	-46%	-15.5%	100.0%
23   Constant Leverage Products	66	-16.2%	-30%	4.2%	0			0.0%
13   Participation	15	-1.3%	-25%	0.9%	0			0.0%
<b>Total</b>	<b>1,574</b>	<b>1.2%</b>	<b>0.9%</b>	<b>100%</b>	<b>272</b>	<b>-63.6%</b>	<b>-37.7%</b>	<b>100%</b>

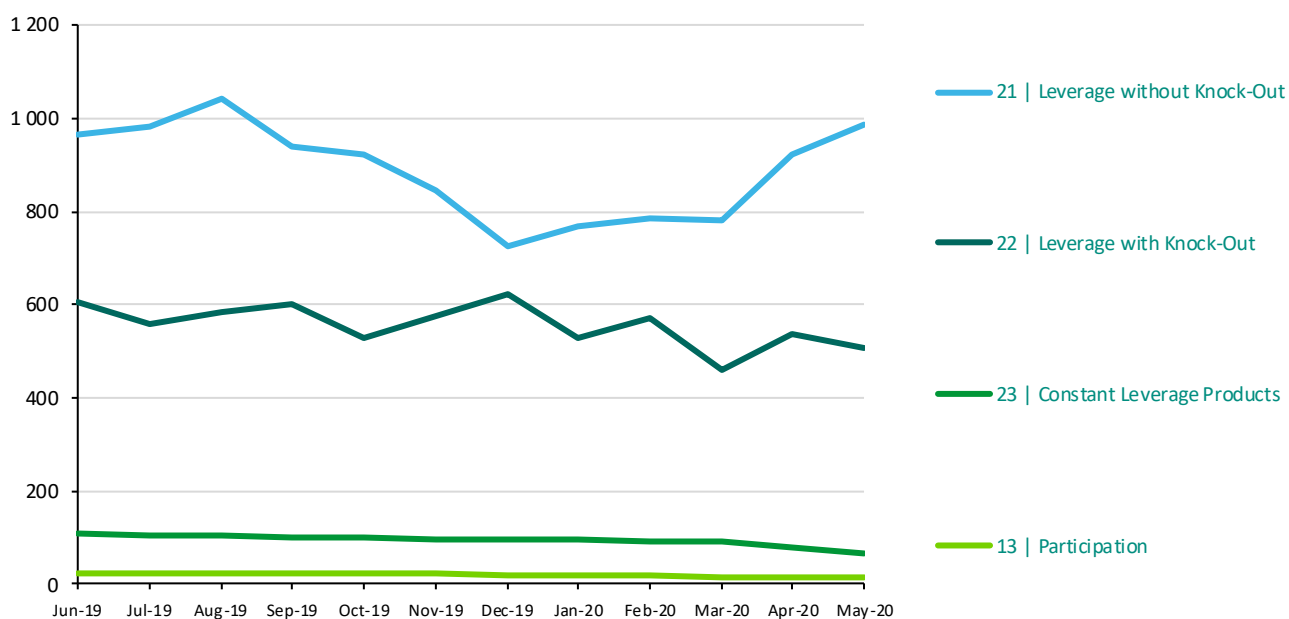
(Source Euronext)



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

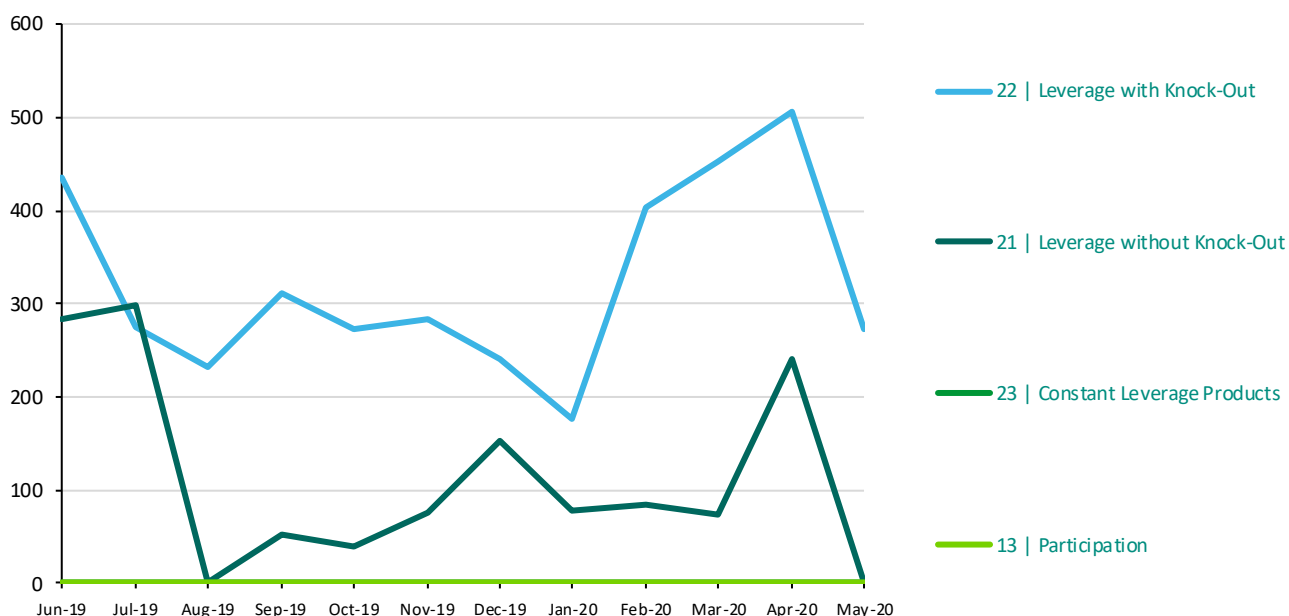
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

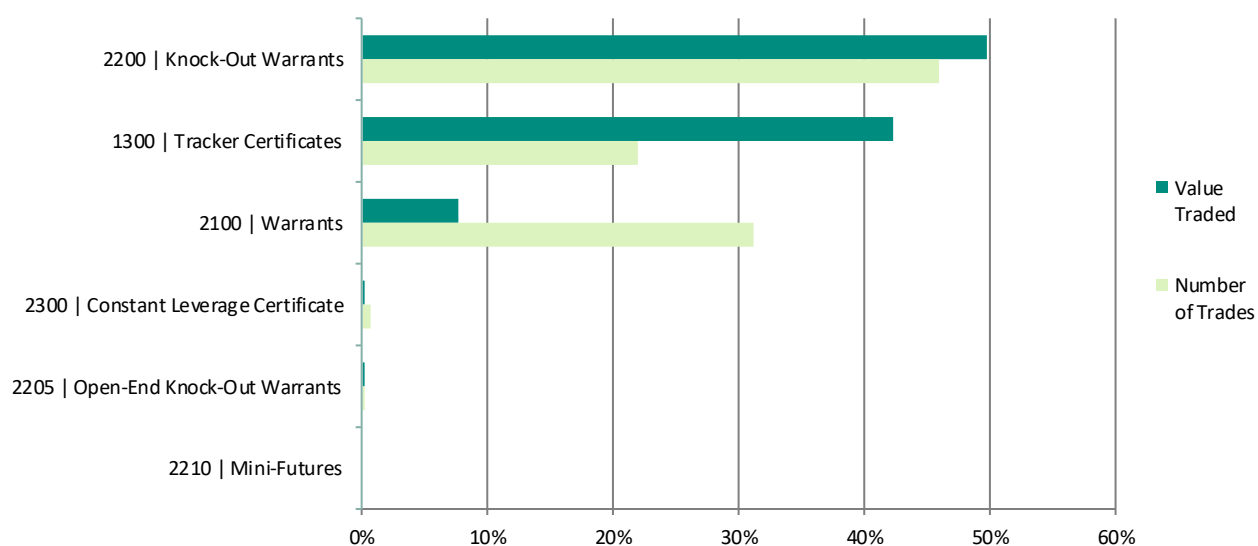
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2200   Knock-Out Warrants	870	48%	195%	49.8%	139	9.4%	62.6%	46.0%
1300   Tracker Certificates	740	-2.9%	-82%	42.4%	66	-14.5%	-75%	21.9%
2100   Warrants	135	5.5%	109%	7.7%	94	61%	160%	31.2%
2300   Constant Leverage Certificate	2	-3.8%	-85%	0.1%	2.3	-48%	-2.3%	0.8%
2205   Open-End Knock-Out Warrants	0	-86%	-94%	0.0%	0.4	-42%	-73%	0.1%
2210   Mini-Futures	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>1,748</b>	<b>17.8%</b>	<b>-61.2%</b>	<b>100%</b>	<b>302</b>	<b>12.7%</b>	<b>-23.4%</b>	<b>100%</b>

(Source Euronext)

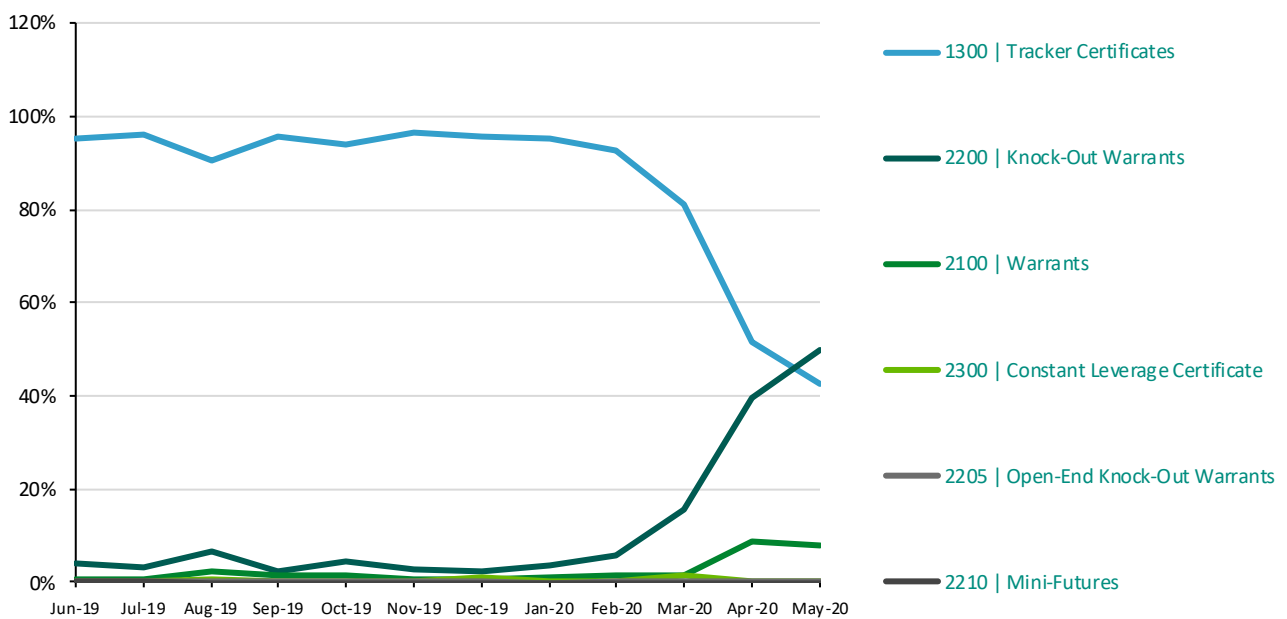




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

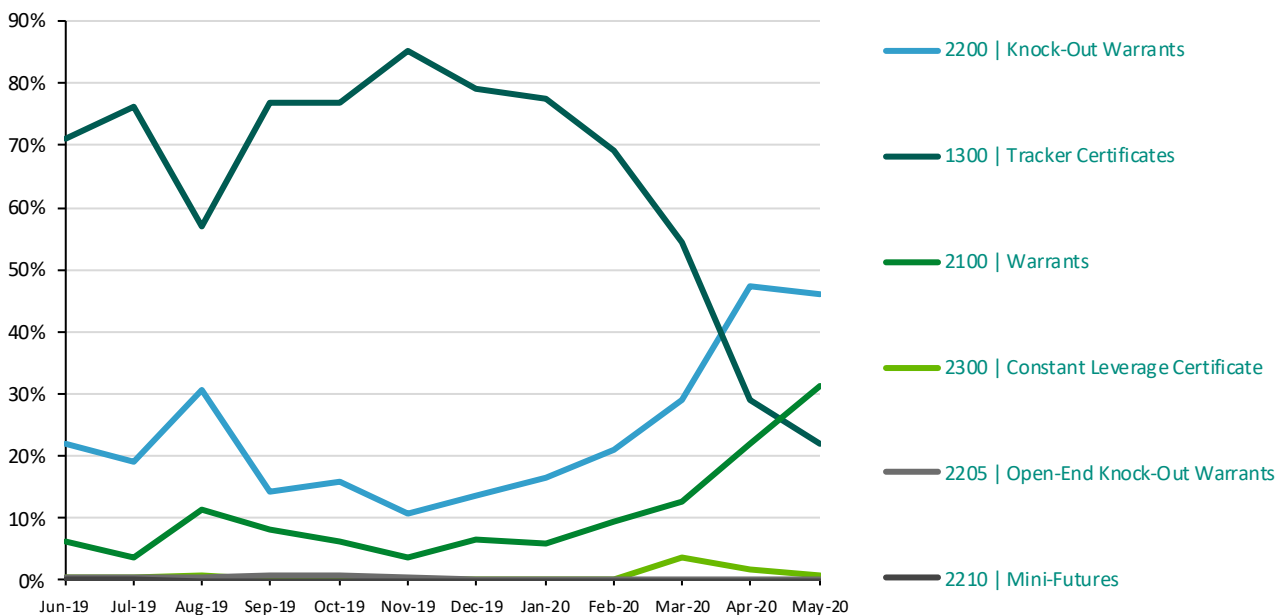
## Market Trend: Value traded

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)

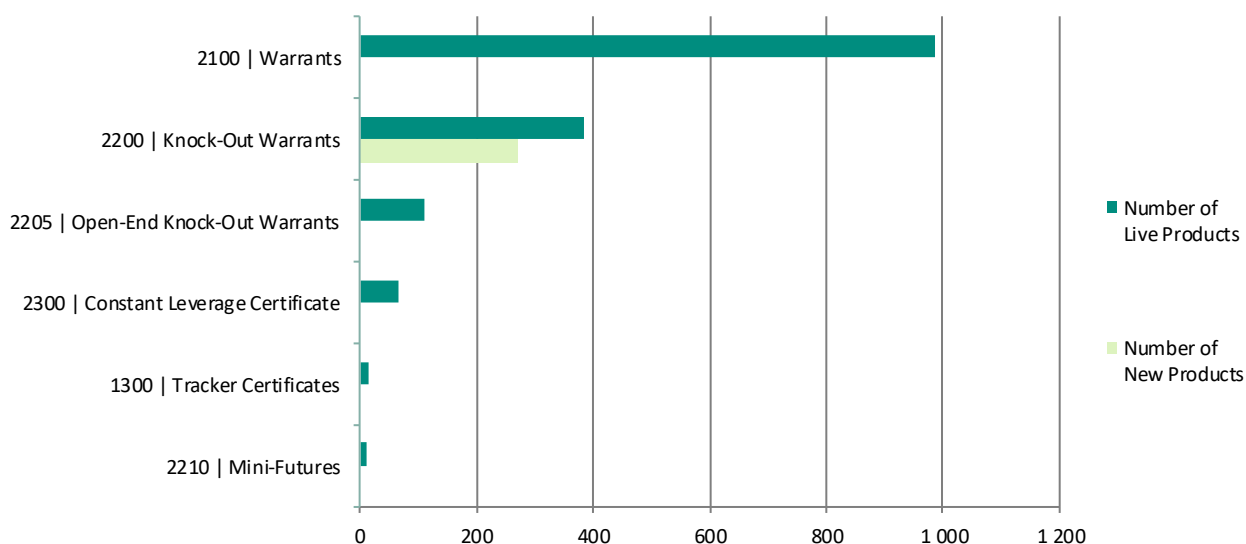
## Product Overview

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	988	7.1%	11.1%	62.8%	0	-100%	-100%	0.0%
2200   Knock-Out Warrants	384	-2.9%	6.4%	24.4%	272	-34%	-4.1%	100.0%
2205   Open-End Knock-Out Warrants	111	-16.6%	-39%	7.1%	0	-100%	-100%	0.0%
2300   Constant Leverage Certificate	66	-16.2%	-30%	4.2%	0			0.0%
1300   Tracker Certificates	15	-1.3%	-25%	0.9%	0			0.0%
2210   Mini-Futures	10	0.0%	-29%	0.6%	0			0.0%
<b>Total</b>	<b>1,574</b>	<b>1.2%</b>	<b>0.9%</b>	<b>100%</b>	<b>272</b>	<b>-63.6%</b>	<b>-37.7%</b>	<b>100%</b>

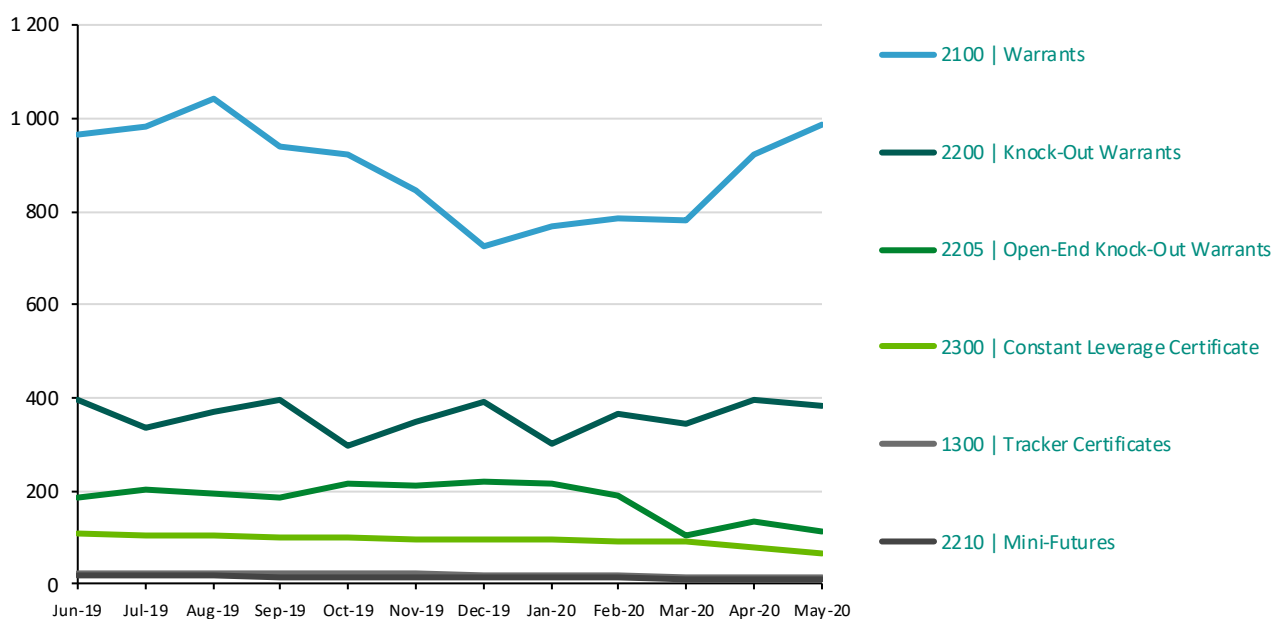
(Source Euronext)



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

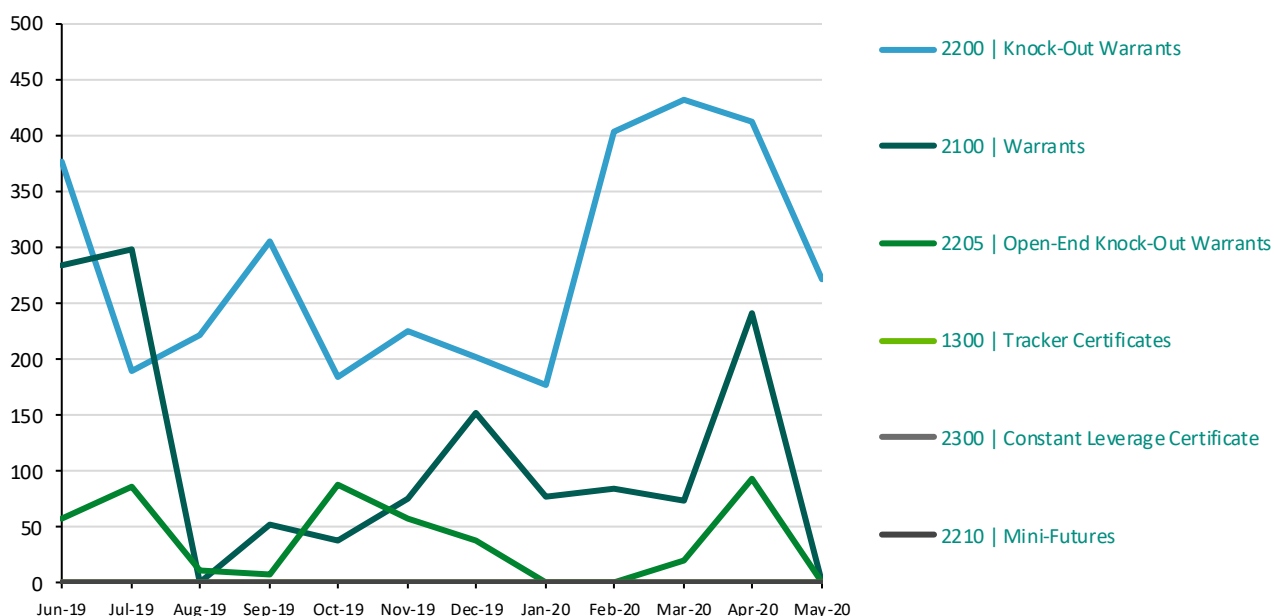
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

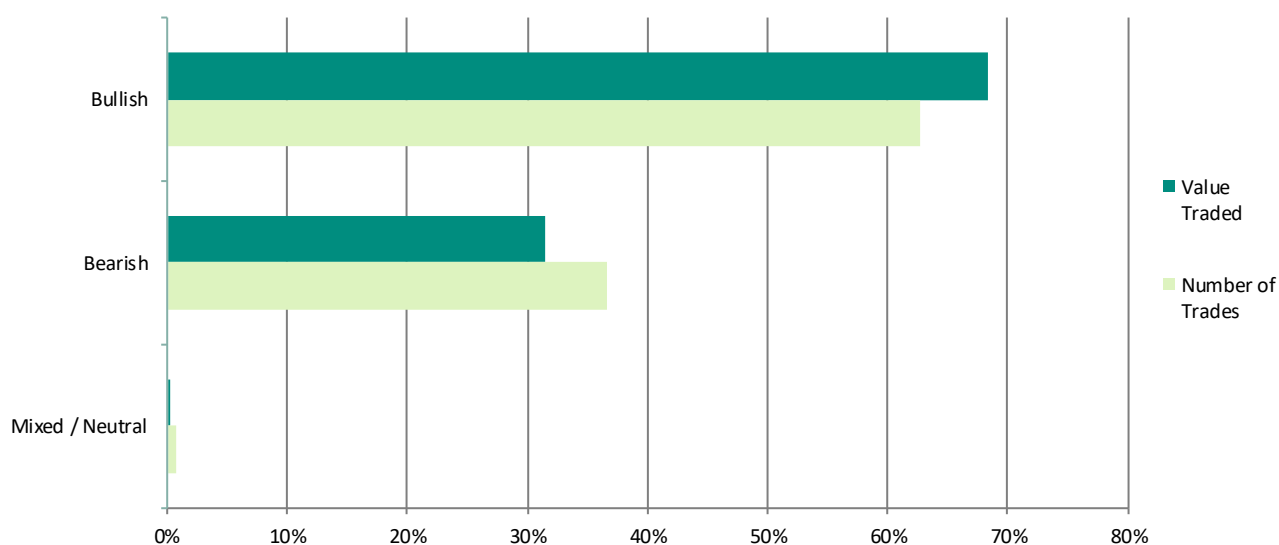
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	1,196	6.5%	-72%	68.4%	190	17.1%	-42.4%	62.7%
Bearish	551	53%	194%	31.5%	111	8.3%	73%	36.6%
Mixed / Neutral	2	-3.8%	-85%	0.1%	2.3	-48%	-2.3%	0.8%
Total	1,748	17.8%	-61.2%	100%	302	12.7%	-23.4%	100%

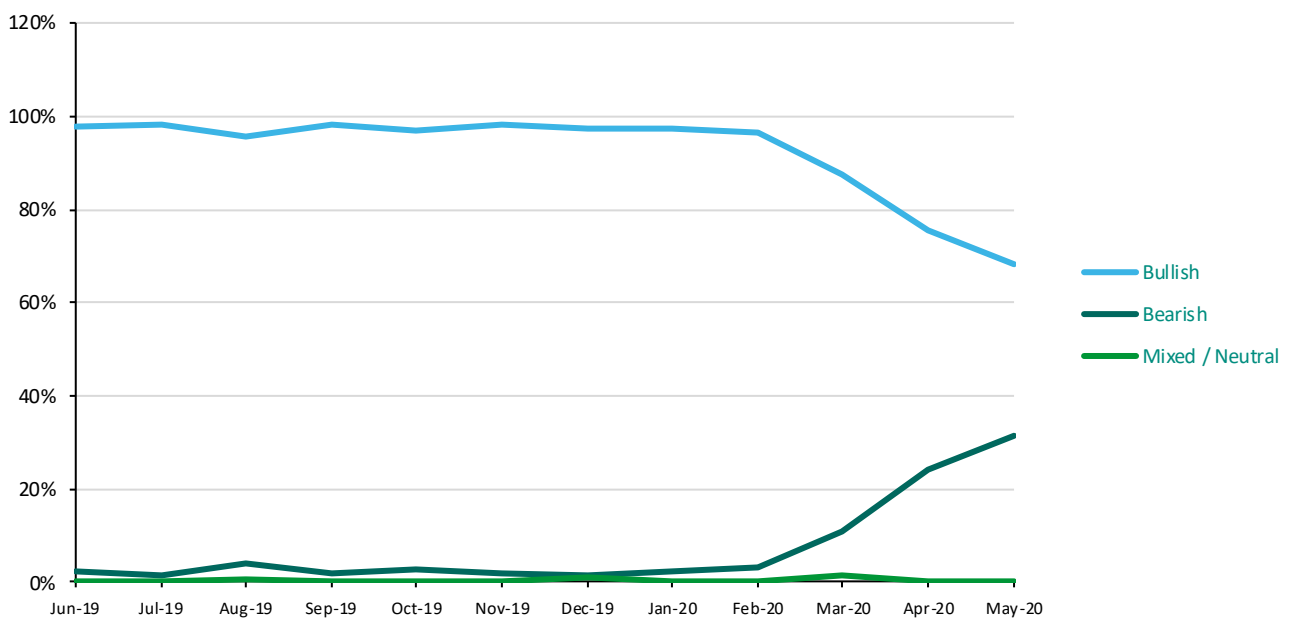
(Source Euronext)



# PRODUCT STRATEGIES

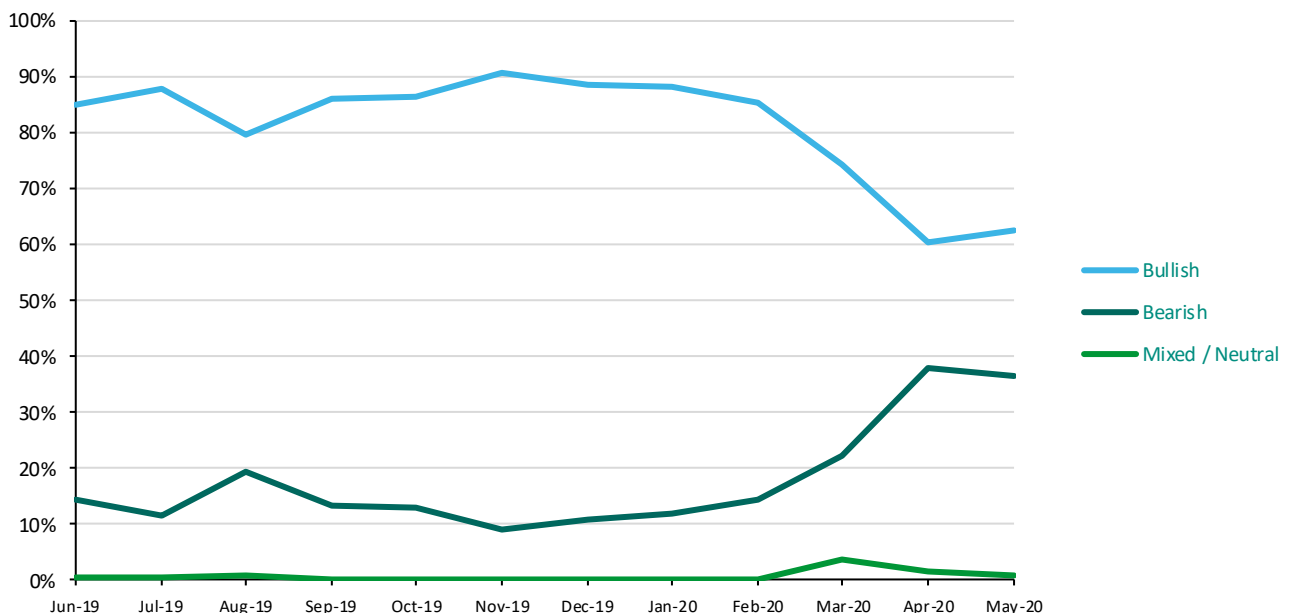
## Market Trend: Value traded

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

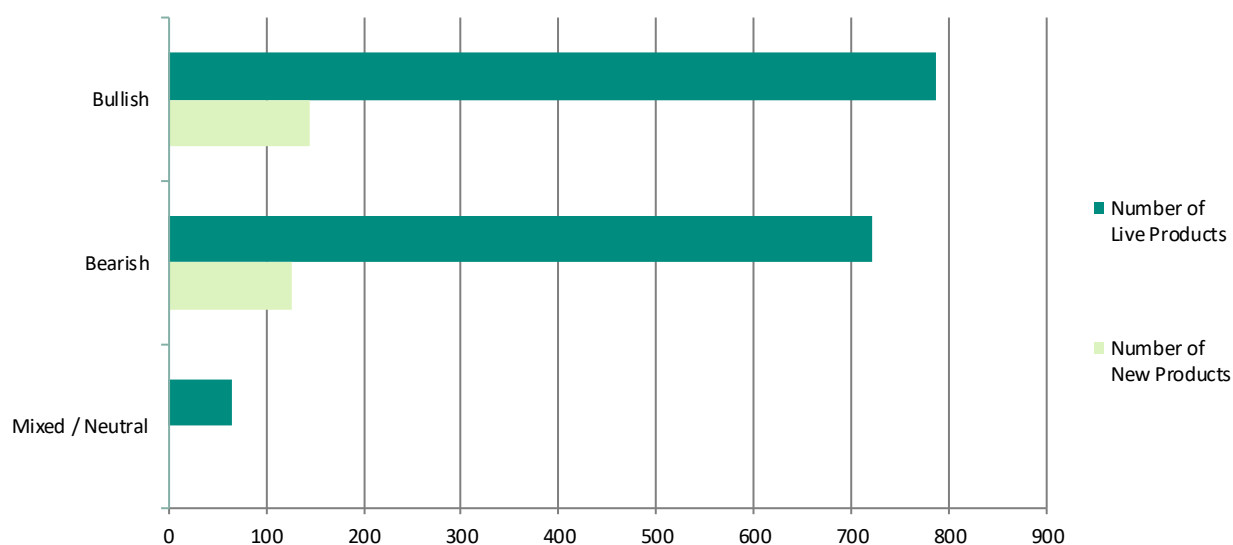
## Product Overview

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	787	16.7%	4.0%	50.0%	145	-65%	-37%	53.3%
Bearish	721	-10.1%	1.7%	45.8%	127	-62%	-39%	46.7%
Mixed / Neutral	66	-16.2%	-30%	4.2%	0			0.0%
<b>Total</b>	<b>1,574</b>	<b>1.2%</b>	<b>0.9%</b>	<b>100%</b>	<b>272</b>	<b>-63.6%</b>	<b>-37.7%</b>	<b>100%</b>

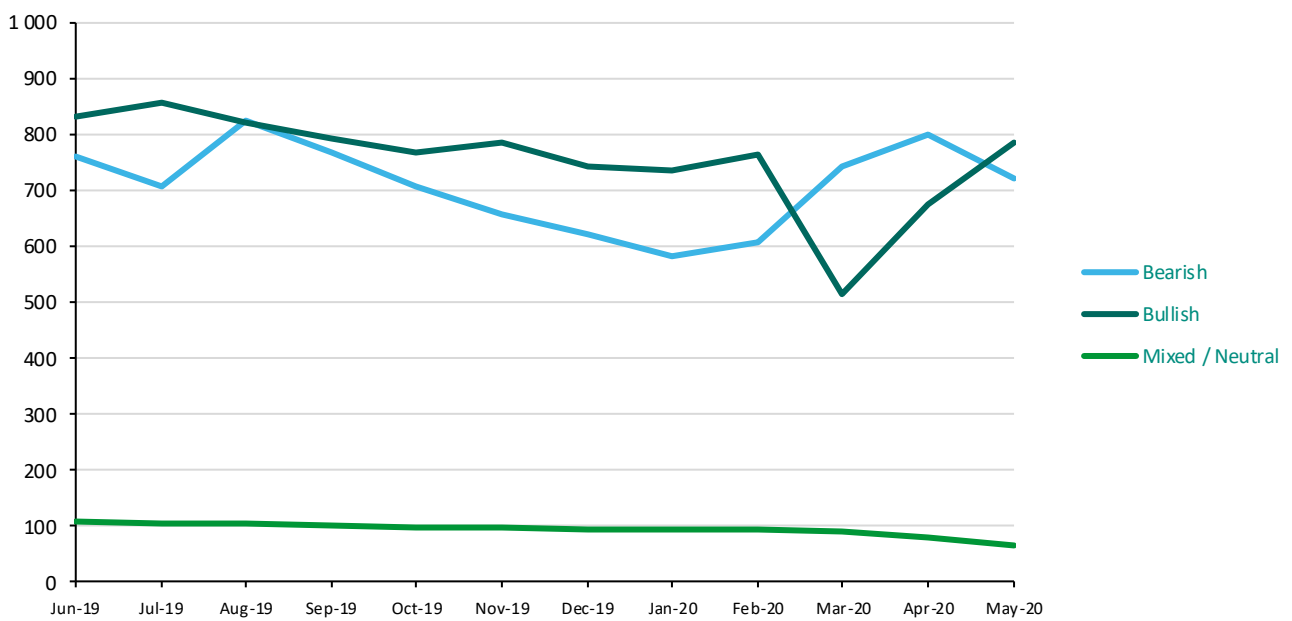
(Source Euronext)



# PRODUCT STRATEGIES

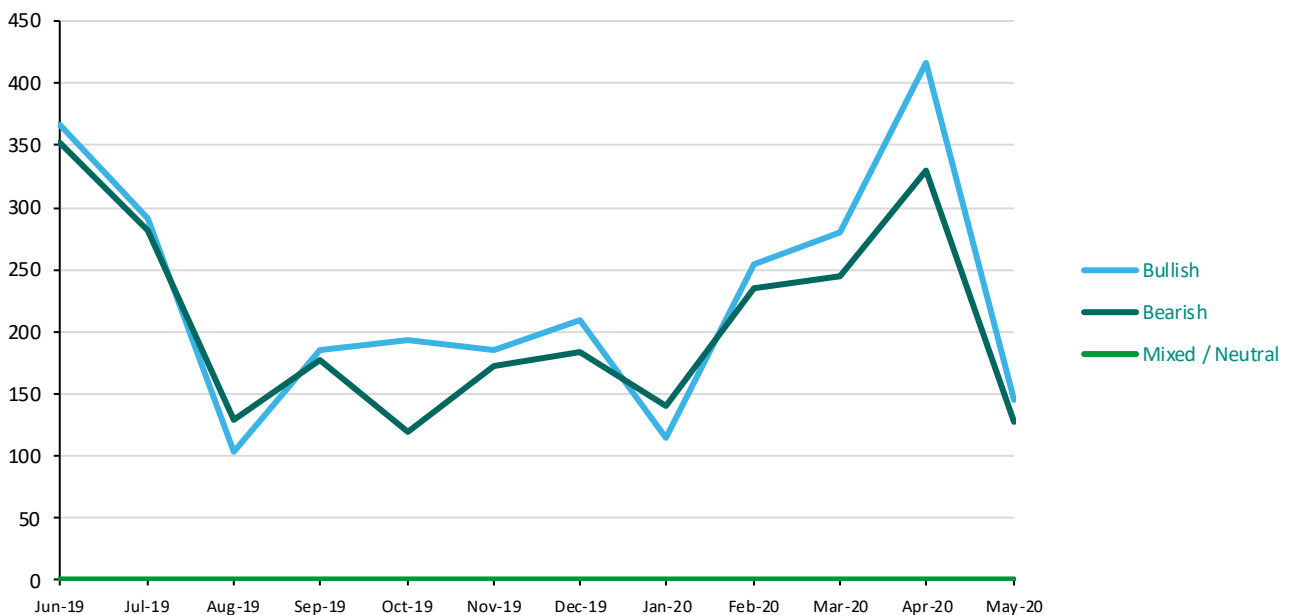
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# UNDERLYING TYPES

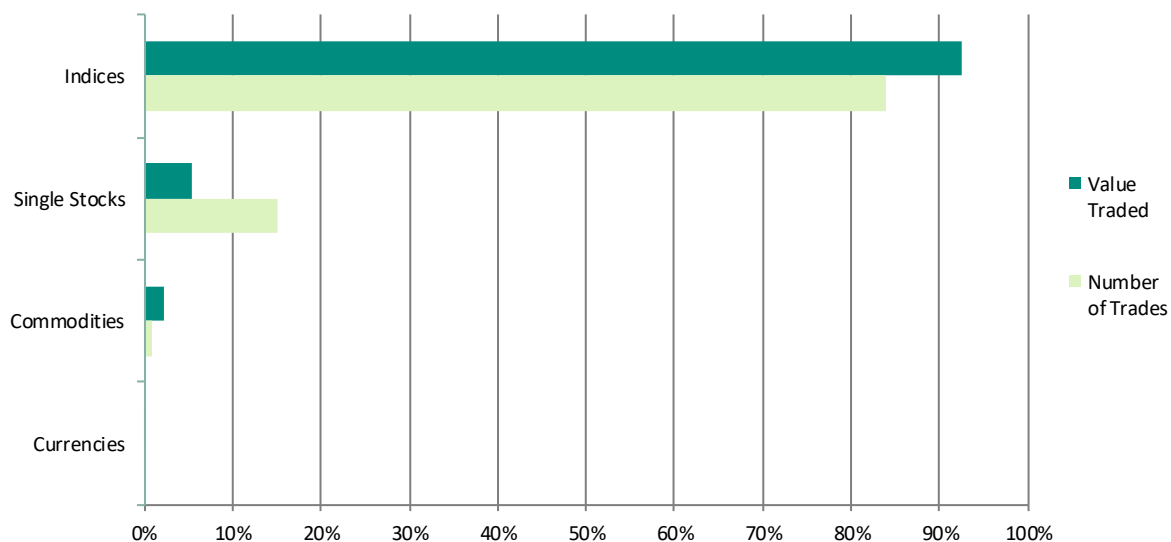
## Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	1,618	13.3%	-63%	92.6%	254	7.9%	-29.6%	84.0%
Single Stocks	92	125%	8.8%	5.3%	46	71.9%	55.6%	15.1%
Commodities	38	157%	-31%	2.2%	2.8	-57.3%	-37.9%	0.9%
Currencies	0		-97%	0.0%	0.1		-82.3%	0.0%
<b>Total</b>	<b>1,748</b>	<b>17.8%</b>	<b>-61.2%</b>	<b>100%</b>	<b>302</b>	<b>12.7%</b>	<b>-23.4%</b>	<b>100%</b>

(Source Euronext)

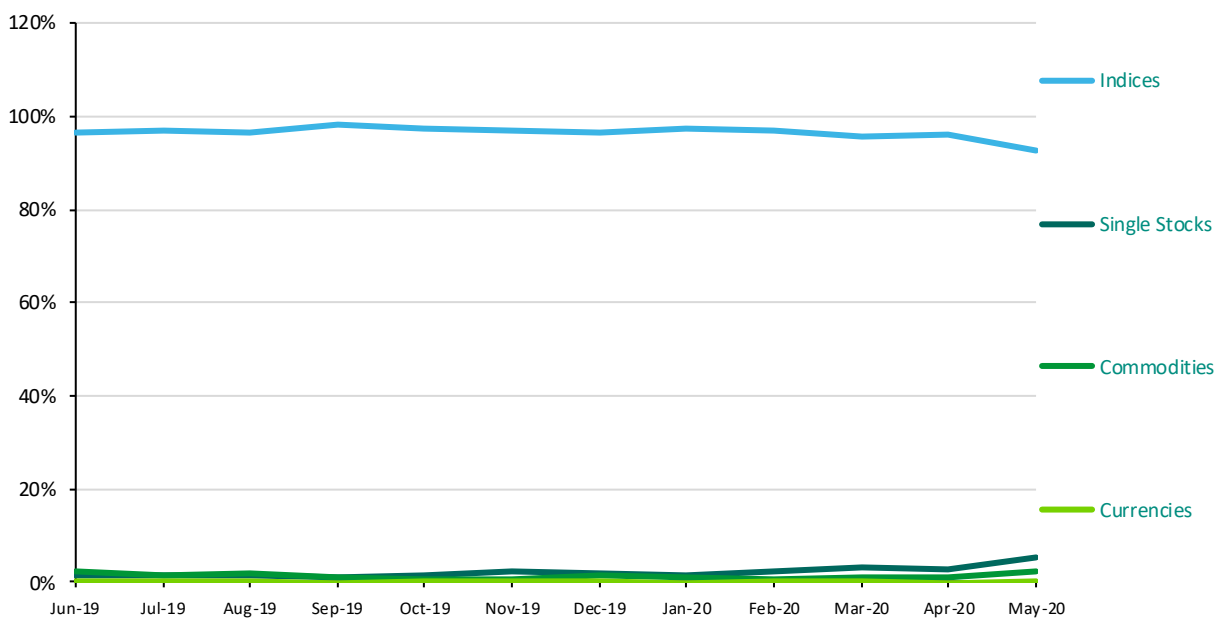




# UNDERLYING TYPES

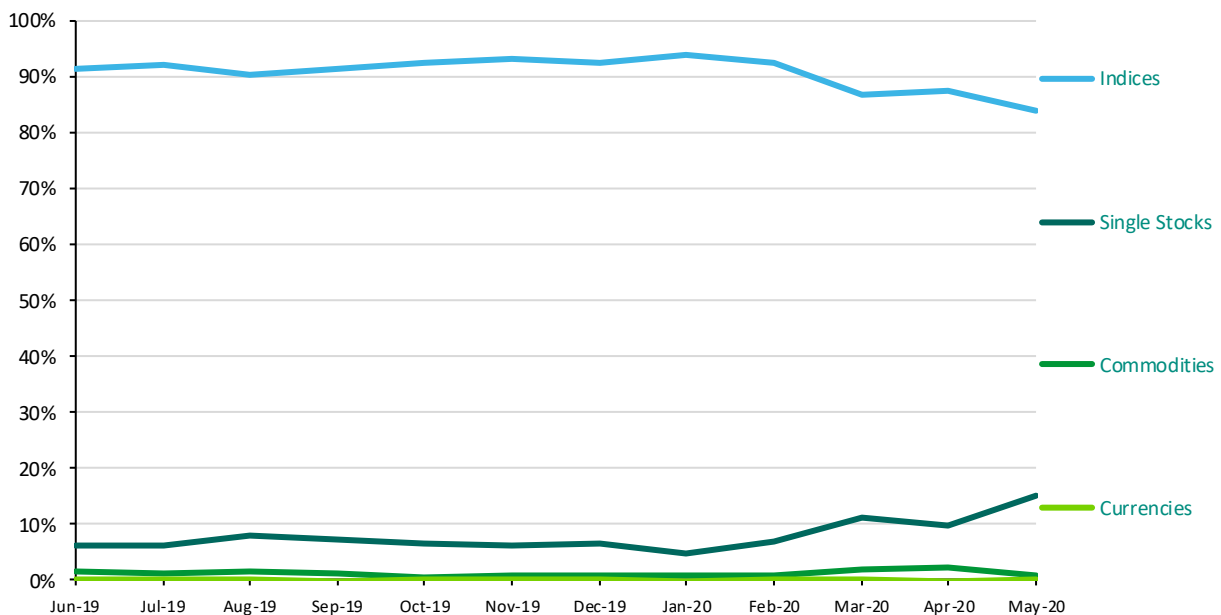
## Market Trend: Value traded

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

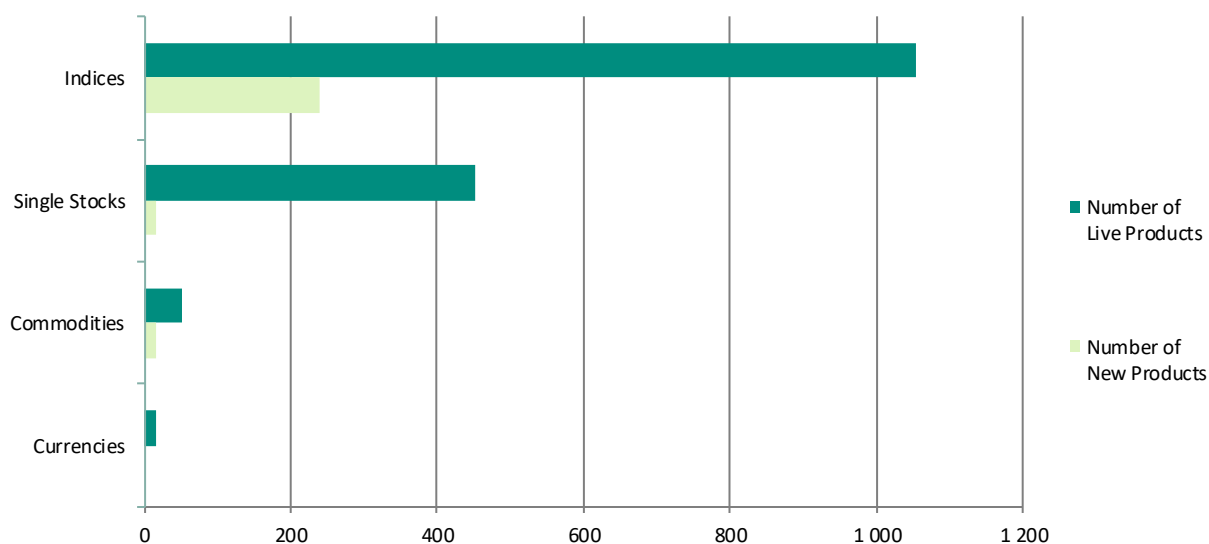
### Product Overview

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	1,056	-3.9%	-0.5%	67.1%	239	-56%	-29%	87.9%
Single Stocks	451	14.4%	6.6%	28.6%	17	-89%	-80%	6.3%
Commodities	52	10.3%	-2.1%	3.3%	16	-64%	19.3%	5.9%
Currencies	16	0.0%	-32%	1.0%	0		-100%	0.0%
<b>Total</b>	<b>1,574</b>	<b>1.2%</b>	<b>0.9%</b>	<b>100%</b>	<b>272</b>	<b>-63.6%</b>	<b>-37.7%</b>	<b>100%</b>

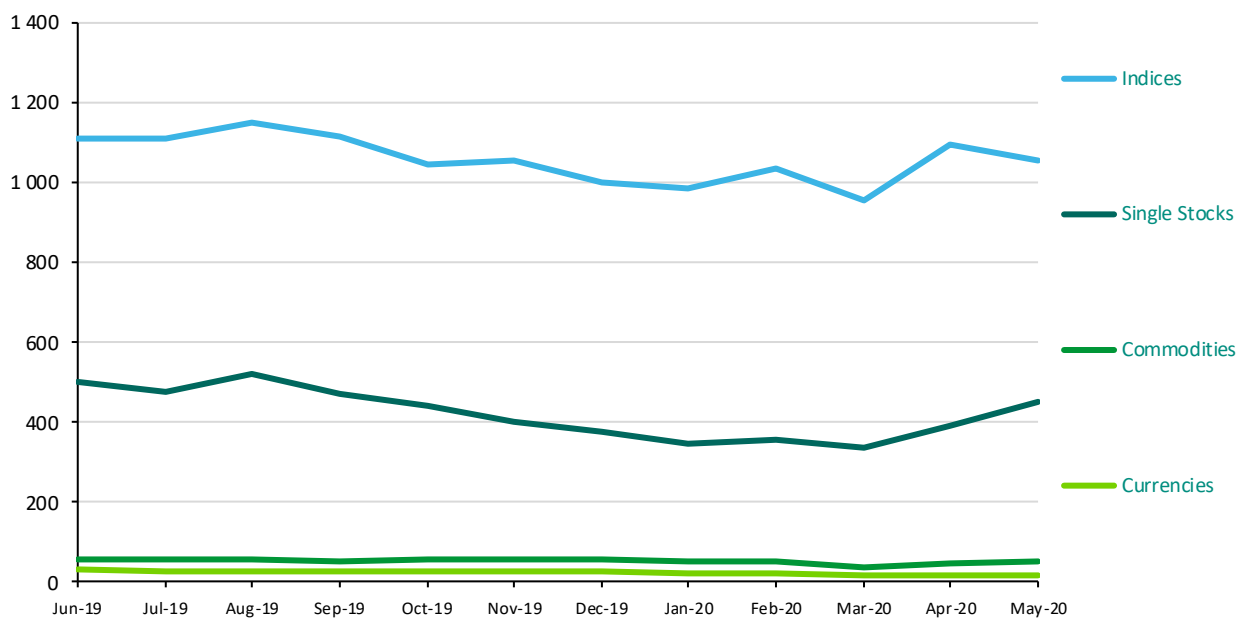
(Source Euronext)



# UNDERLYING TYPES

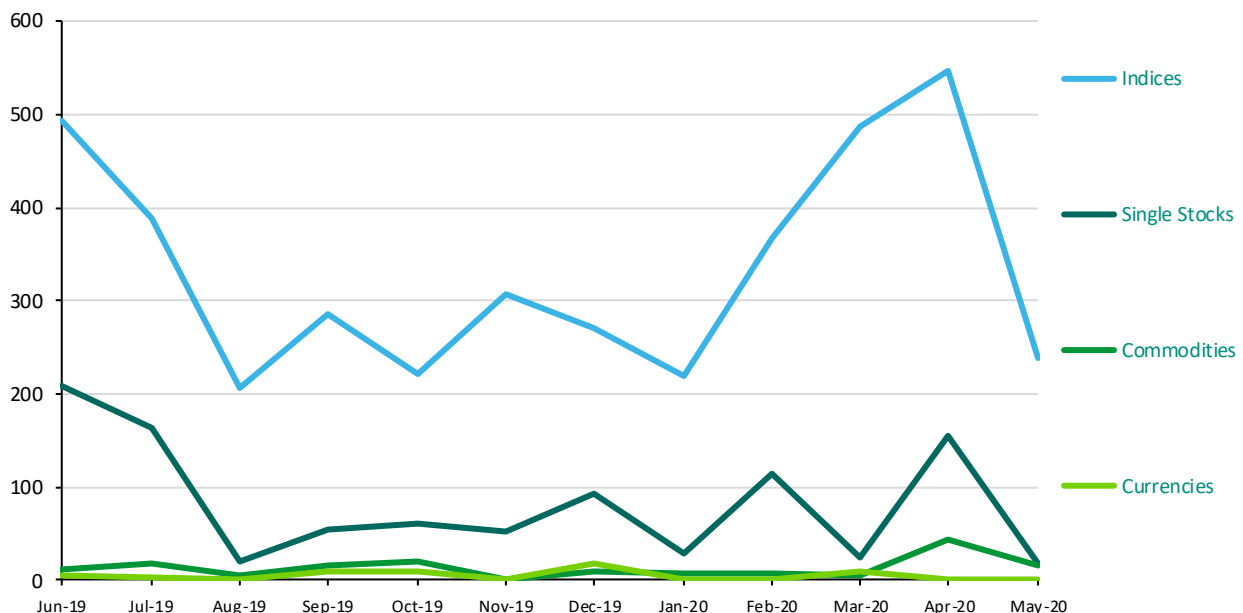
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



## TOP 10 UNDERLYING COUNTRIES

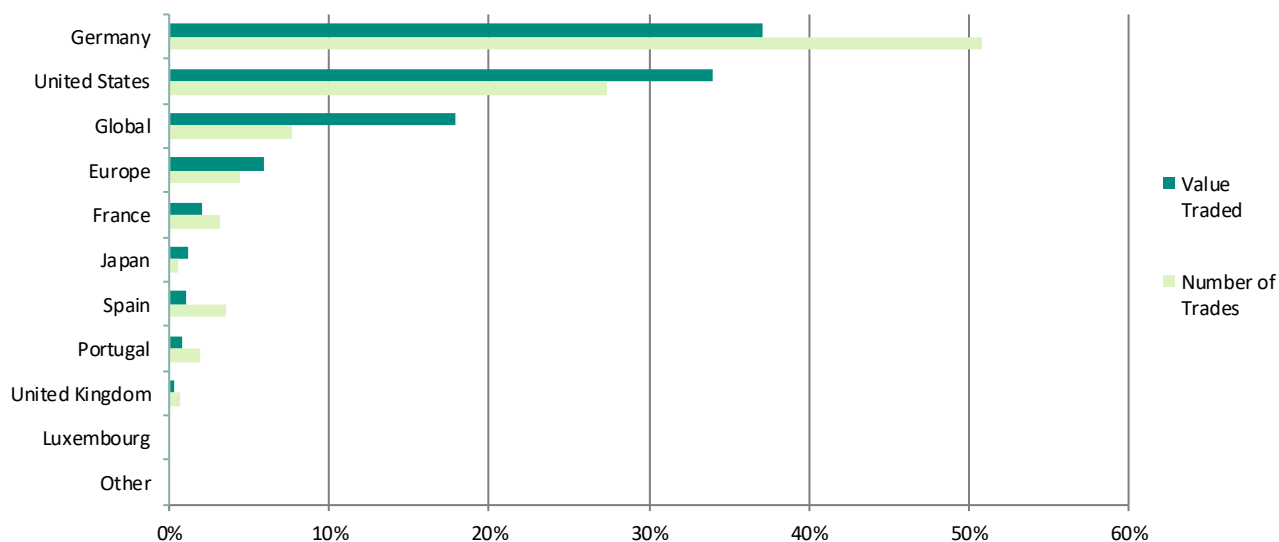
### Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Germany	650	9.7%	63%	37.2%	154	14.0%	71.8%	50.8%
United States	594	29%	-62%	34.0%	83	13.0%	-38%	27.4%
Global	313	30%	-80%	17.9%	23	-14.0%	-72%	7.6%
Europe	103	-25%	-87%	5.9%	13	-29%	-76%	4.3%
France	35	147%	-52%	2.0%	9.6	51%	16.1%	3.2%
Japan	19	77%	-67%	1.1%	1.7	6.5%	-75%	0.5%
Spain	18	58%	-60%	1.1%	11	203%	55%	3.6%
Portugal	12	10.8%	-75%	0.7%	5.8	161%	-43%	1.9%
United Kingdom	4	11.5%	-61%	0.2%	2.0	33%	0.9%	0.7%
Luxembourg	0		-100%	0.0%	0.0		-100%	0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>1,748</b>	<b>17.8%</b>	<b>-61.2%</b>	<b>100%</b>	<b>302</b>	<b>12.7%</b>	<b>-23.4%</b>	<b>100%</b>

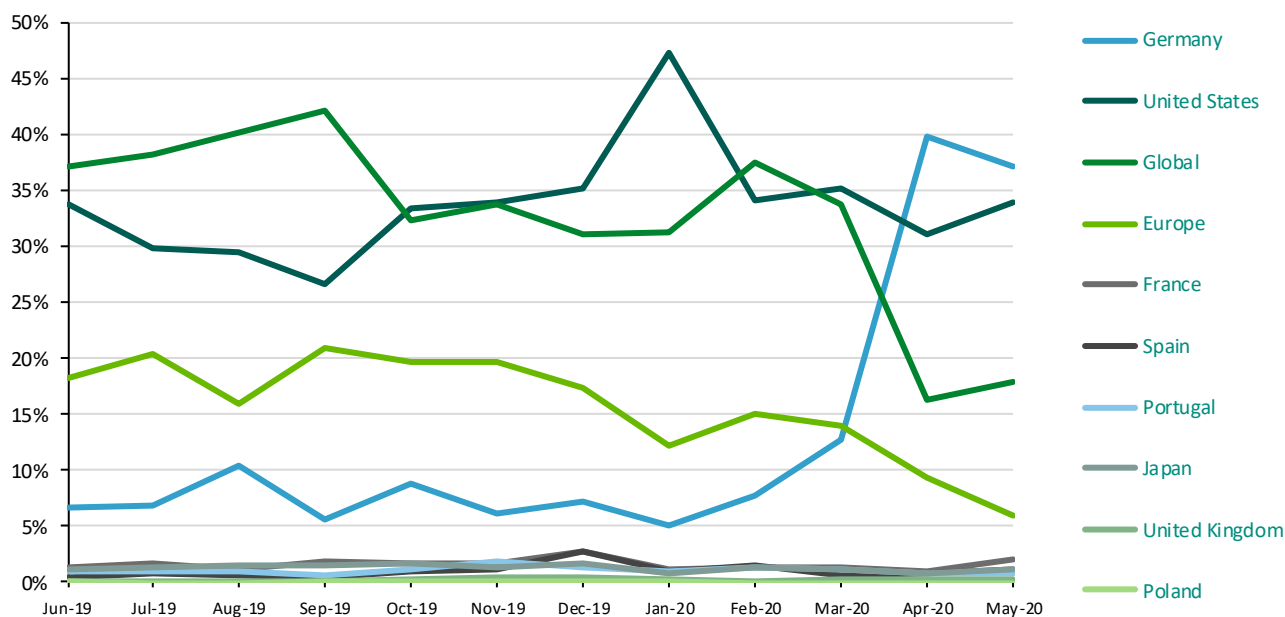
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

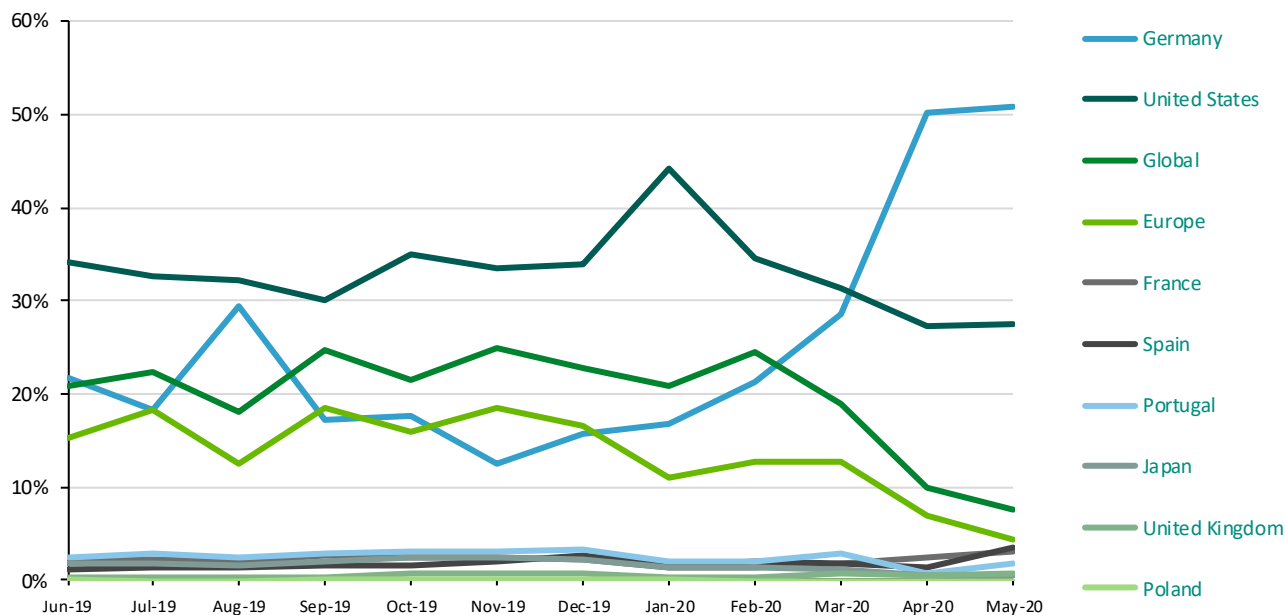
## Market Trend: Value traded

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

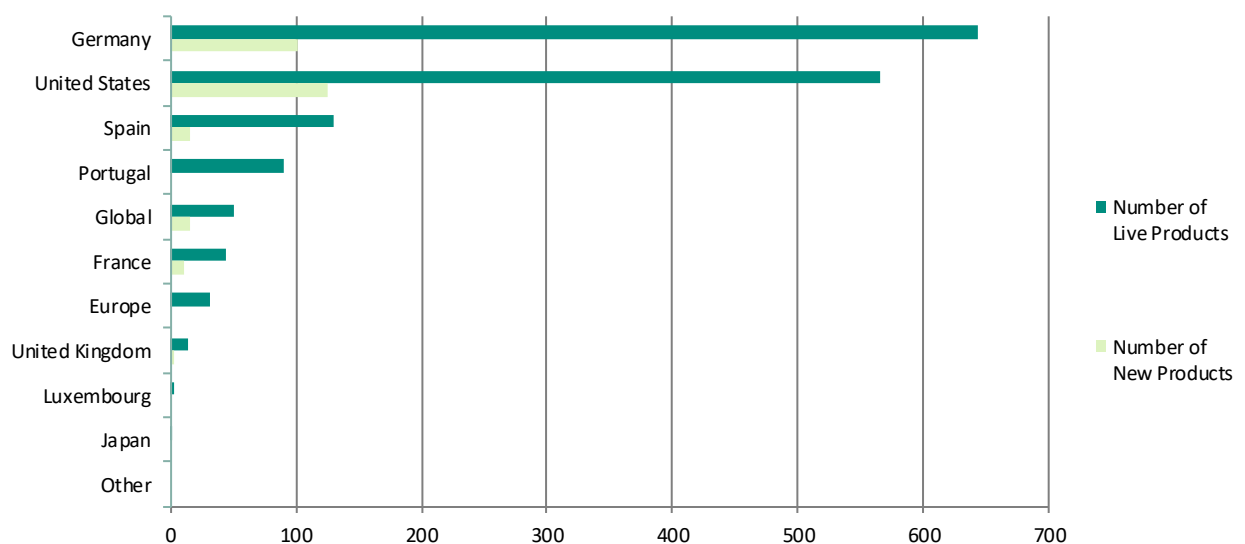
## Product Overview

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	644	-6.4%	4.2%	40.9%	102	-65%	-42%	37.5%
United States	565	7.3%	3.0%	35.9%	126	-57%	-32%	46.3%
Spain	131	12.6%	9.4%	8.3%	16	-69%	-40%	5.9%
Portugal	90	4.7%	-22%	5.7%	0	-100%	-100%	0.0%
Global	51	12.7%	-3.7%	3.2%	16	-64%	19.3%	5.9%
France	44	-3.5%	13.5%	2.8%	10	-76%	-24%	3.7%
Europe	31	-4.4%	-28%	2.0%	0	-100%	-100%	0.0%
United Kingdom	14	25%	18.1%	0.9%	2	-50%	-41%	0.7%
Luxembourg	2	0.0%	-27%	0.1%	0		-100%	0.0%
Japan	1	0.0%	0.0%	0.1%	0			0.0%
Other	0		-100%	0.0%	0			0.0%
<b>Total</b>	<b>1,574</b>	<b>1.2%</b>	<b>0.9%</b>	<b>100%</b>	<b>272</b>	<b>-63.6%</b>	<b>-37.7%</b>	<b>100%</b>

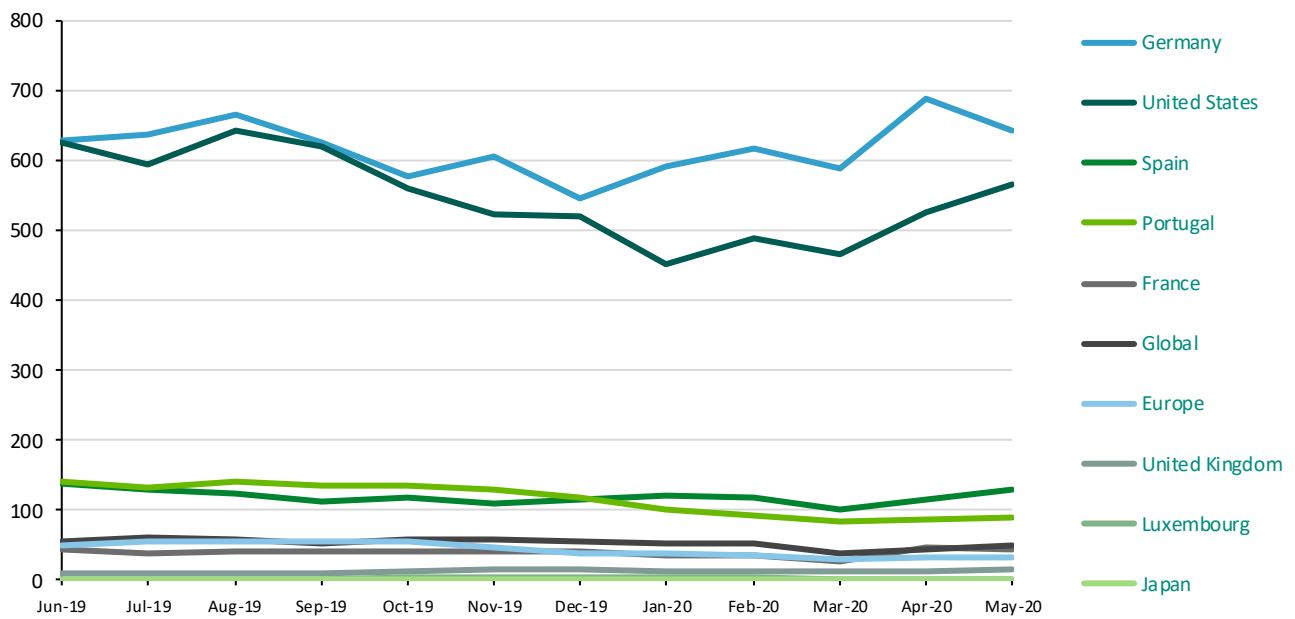
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

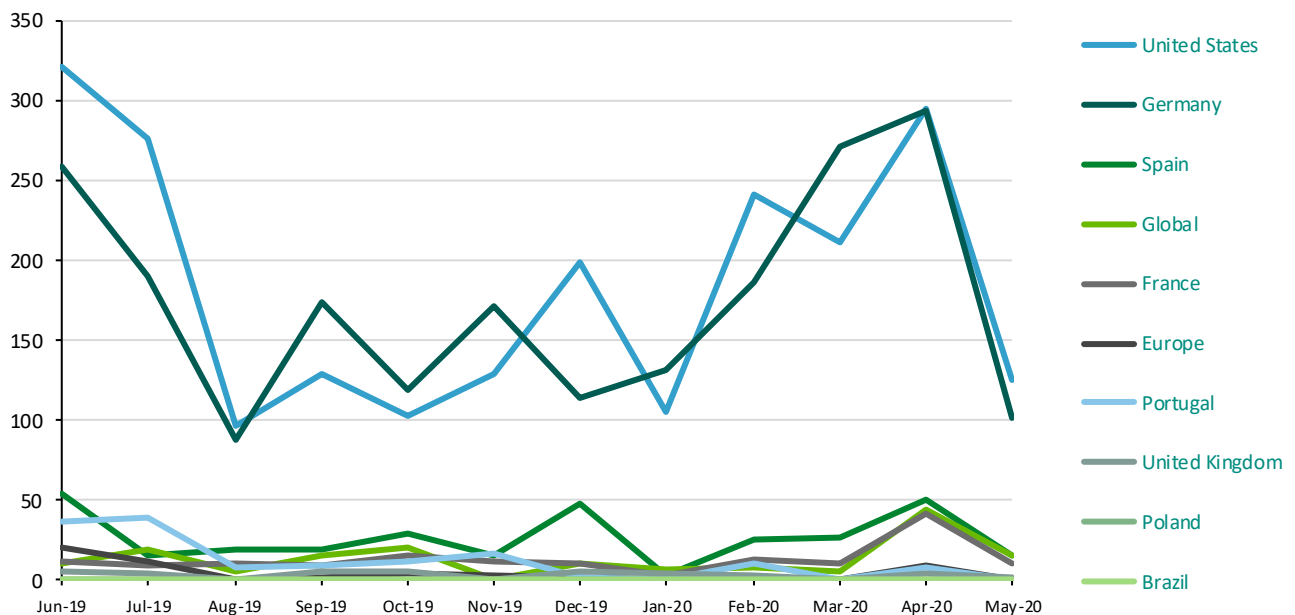
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

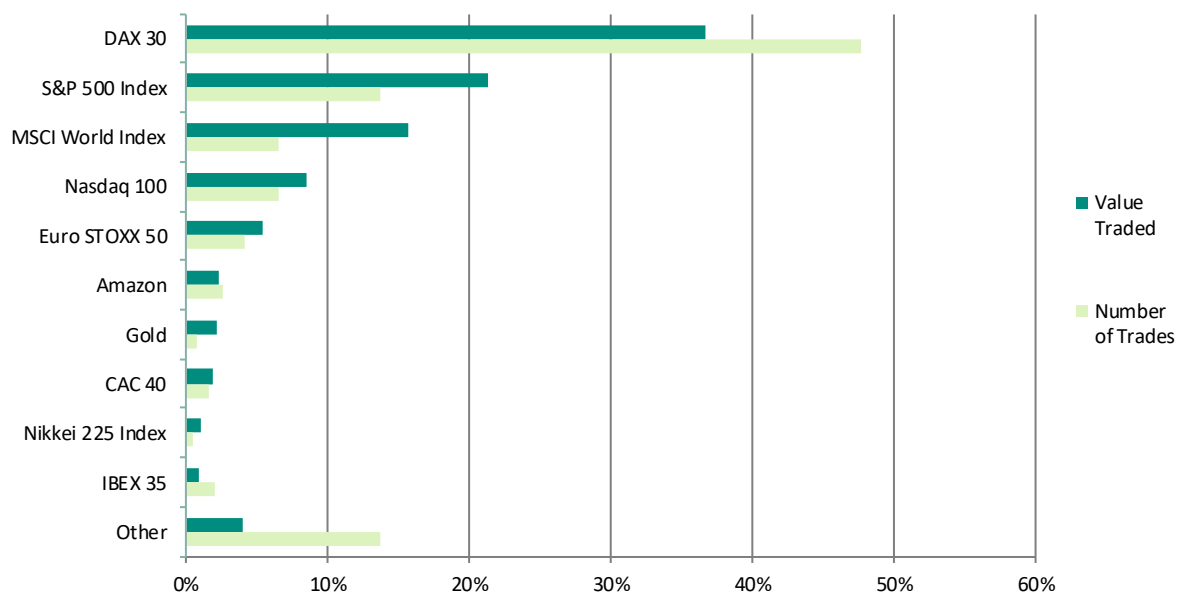
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
DAX 30	642	9.3%	62%	36.7%	144	12.0%	69.7%	47.8%
S&P 500 Index	373	12.8%	-70%	21.3%	42	4.8%	-54%	13.8%
MSCI World Index	275	22%	-81%	15.7%	20	-8.3%	-73%	6.6%
Nasdaq 100	149	56%	-13.4%	8.5%	20	38%	-6.7%	6.5%
Euro STOXX 50	94	-25%	-87%	5.4%	12	-27%	-77%	4.1%
Amazon	41	539%	201%	2.3%	8.0	122%	124%	2.6%
Gold	37	214%	6.5%	2.1%	2.5	4.2%	-5.6%	0.8%
CAC 40	33	147%	-55%	1.9%	4.7	45%	-36%	1.6%
Nikkei 225 Index	19	77%	-67%	1.1%	1.7	6.5%	-75%	0.5%
IBEX 35	15	28%	-68%	0.8%	6.0	113%	8.5%	2.0%
Other	70	7.2%	-71%	4.0%	41	25%	-6.8%	13.7%
<b>Total</b>	<b>1,748</b>	<b>17.8%</b>	<b>-61.2%</b>	<b>100%</b>	<b>302</b>	<b>12.7%</b>	<b>-23.4%</b>	<b>100%</b>

(Source Euronext)

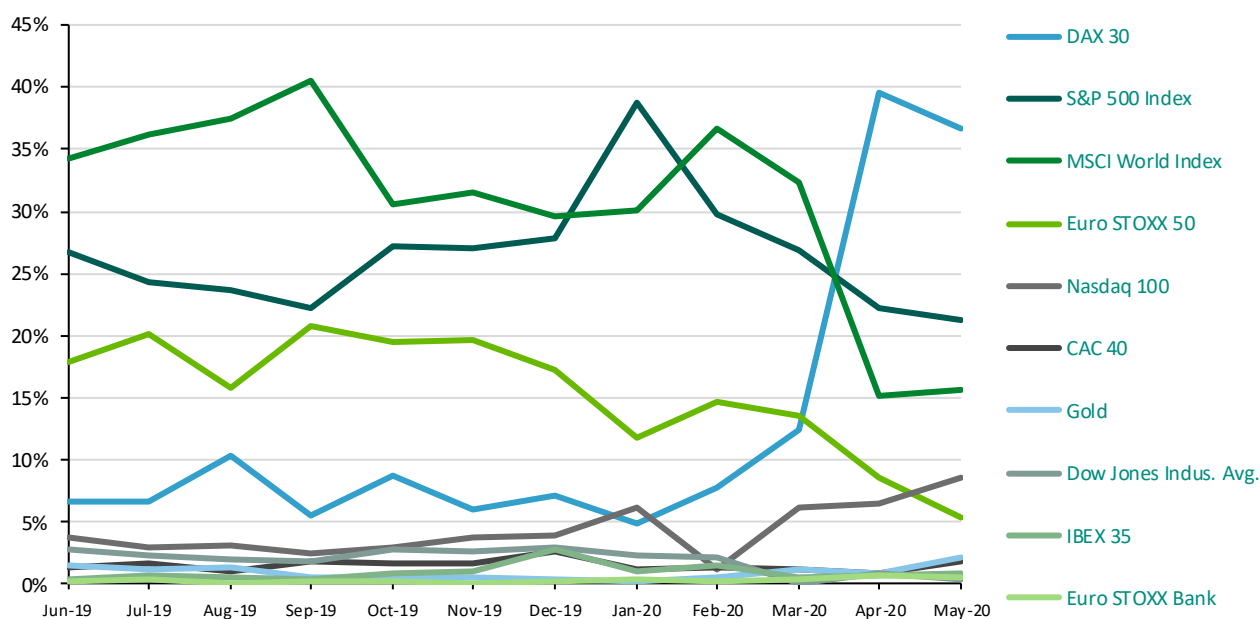




# TOP 10 UNDERLYINGS

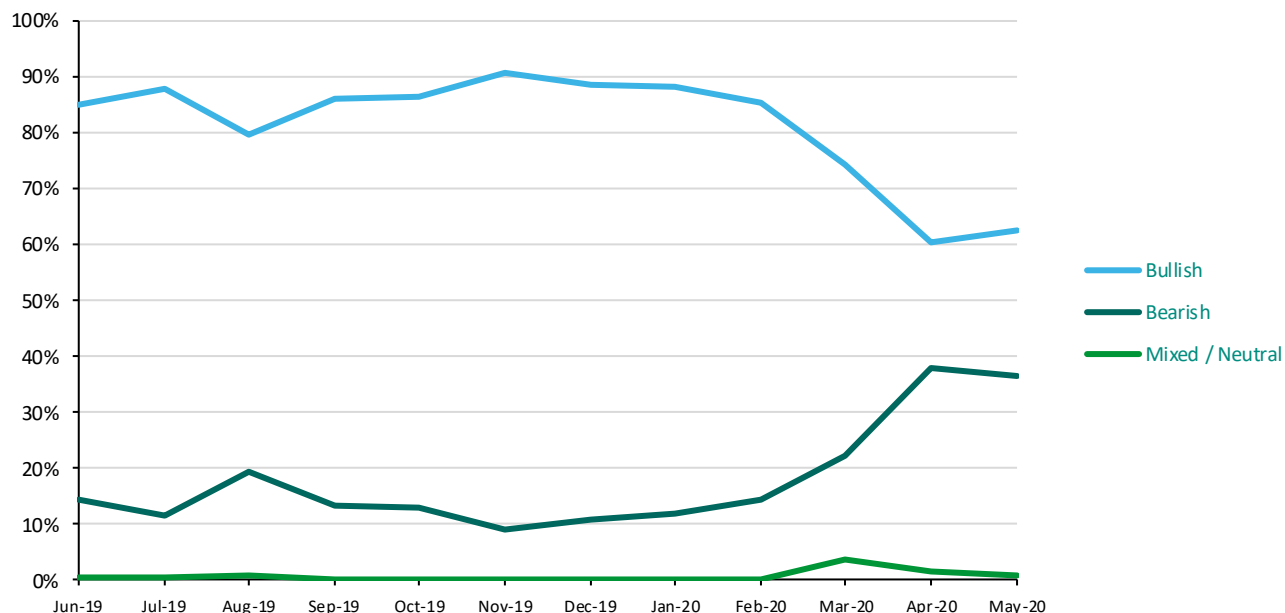
## Market Trend: Value traded

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

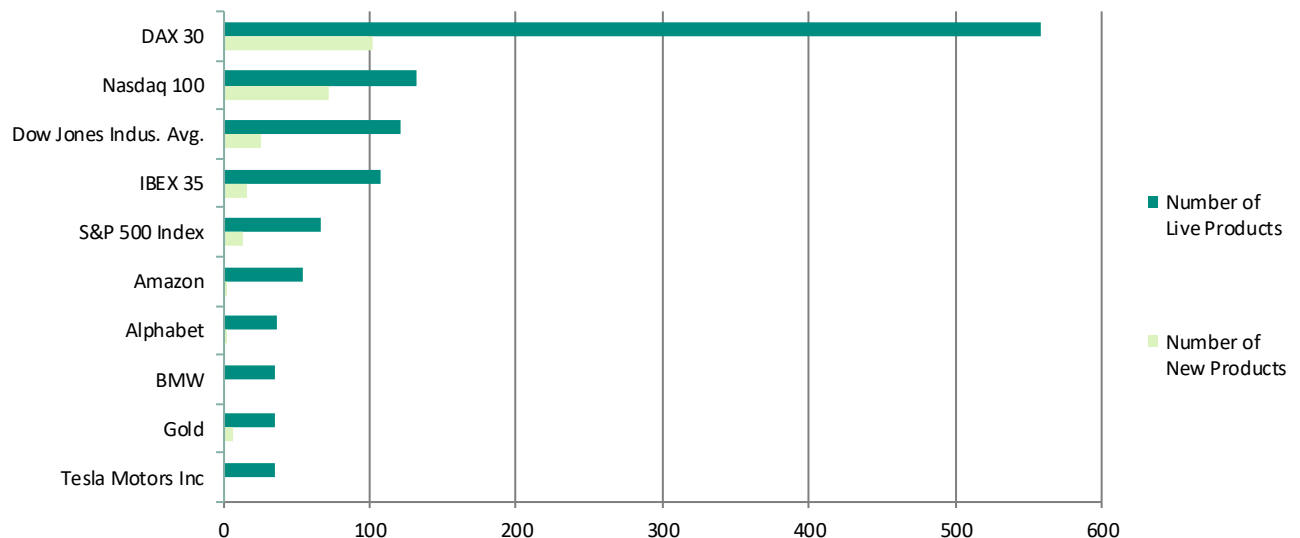
## Product Overview

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	559	-8.1%	1.9%	35.5%	102	-63%	-39%	37.5%
Nasdaq 100	132	-11.9%	-21%	8.4%	72	-28%	-8.1%	26.5%
Dow Jones Indus. Avg.	121	14.8%	35%	7.7%	26	-56%	-14.8%	9.6%
IBEX 35	108	15.3%	24%	6.8%	16	-68%	-33%	5.9%
S&P 500 Index	66	12.4%	-11.3%	4.2%	13	-52%	-34%	4.8%
Amazon	54	32%	37%	3.4%	2	-93%	-84%	0.7%
Alphabet	37	23%	41%	2.3%	2	-89%	-79%	0.7%
BMW	35	8.7%	43%	2.2%	0	-100%	-100%	0.0%
Gold	35	38%	73%	2.2%	7	-63%	58%	2.6%
Tesla Motors Inc	35	10.0%	32%	2.2%	0	-100%	-100%	0.0%
Other	393	3.3%	-14.0%	24.9%	32			11.8%
<b>Total</b>	<b>1,574</b>	<b>1.2%</b>	<b>0.9%</b>	<b>100%</b>	<b>272</b>	<b>-63.6%</b>	<b>-37.7%</b>	<b>100%</b>

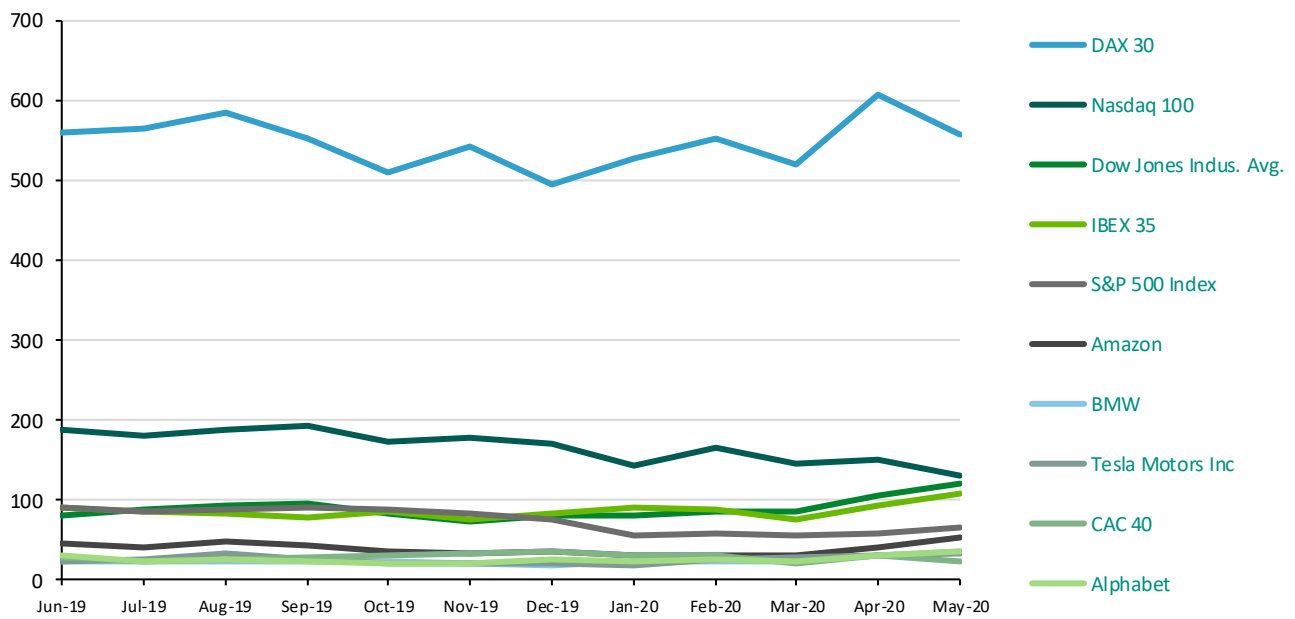
(Source Euronext)



# TOP 10 UNDERLYINGS

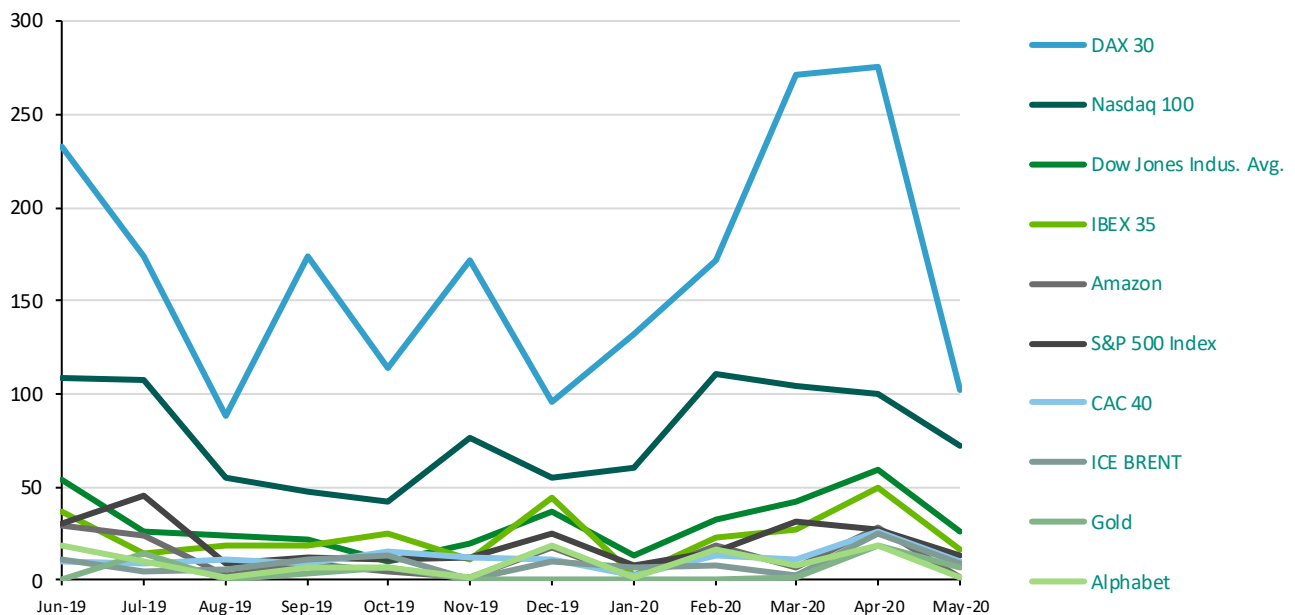
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	5,493	399
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	4,607	399
DE000KA39SH9	Citi	2200	Knock-Out Warrants	S&P 500 Index	2,082	50
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	1,888	239
DE000KB19XD8	Citi	2200	Knock-Out Warrants	DAX 30	1,205	174
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	1,109	115
DE000CL1EX20	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	1,005	22
DE000CL7K2D8	Société Générale	2200	Knock-Out Warrants	DAX 30	983	141
DE000KB19X31	Citi	2200	Knock-Out Warrants	Amazon	794	125
DE000KB190B3	Citi	2200	Knock-Out Warrants	DAX 30	711	35
DE000KB19WY6	Citi	2200	Knock-Out Warrants	DAX 30	635	92
DE000CL1FA26	Société Générale	2200	Knock-Out Warrants	DAX 30	619	128
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	576	31
DE000KB19YPO	Citi	2200	Knock-Out Warrants	DAX 30	462	36
DE000CL7K2G1	Société Générale	2200	Knock-Out Warrants	DAX 30	458	30
DE000KB19W73	Citi	2200	Knock-Out Warrants	DAX 30	417	49
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	389	33
DE000CL1E9P1	Société Générale	2200	Knock-Out Warrants	DAX 30	370	71
DE000KB19YS4	Citi	2200	Knock-Out Warrants	CAC 40	355	19
DE000KA39VZ5	Citi	2200	Knock-Out Warrants	Nasdaq 100	334	6
DE000CL1E9L0	Société Générale	2200	Knock-Out Warrants	DAX 30	297	76
DE000KA39SP2	Citi	2200	Knock-Out Warrants	DAX 30	277	24
DE000CL1FAX1	Société Générale	2200	Knock-Out Warrants	DAX 30	255	93
DE000KB19ZU7	Citi	2200	Knock-Out Warrants	Nasdaq 100	241	30
DE000KB19YJ3	Citi	2200	Knock-Out Warrants	DAX 30	237	31
DE000KA39SCO	Citi	2200	Knock-Out Warrants	Nasdaq 100	223	44
DE000CL1FAY9	Société Générale	2200	Knock-Out Warrants	DAX 30	210	41
DE000KB19WE8	Citi	2200	Knock-Out Warrants	DAX 30	207	16
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	193	29
DE000CL87DV5	Société Générale	2200	Knock-Out Warrants	DAX 30	193	68
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	192	21
DE000KB19YK1	Citi	2200	Knock-Out Warrants	DAX 30	183	52
DE000CU1P702	Société Générale	2100	Warrants	DAX 30	179	49
DE000SR71111	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	177	12
DE000SR8EZJ1	Société Générale	2200	Knock-Out Warrants	DAX 30	165	27
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	163	16
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	155	35
DE000KA39HNO	Citi	2100	Warrants	DAX 30	142	21
DE000CL1E9M8	Société Générale	2200	Knock-Out Warrants	DAX 30	132	25
DE000SR711T2	Société Générale	2200	Knock-Out Warrants	Gold	131	5
DE000KA39SG1	Citi	2200	Knock-Out Warrants	S&P 500 Index	131	34
DE000SR8EZG7	Société Générale	2200	Knock-Out Warrants	DAX 30	129	13
DE000CL1FAZ6	Société Générale	2200	Knock-Out Warrants	DAX 30	127	15
DE000KA39TK1	Citi	2200	Knock-Out Warrants	S&P 500 Index	123	125
DE000SR9KW36	Société Générale	2200	Knock-Out Warrants	DAX 30	121	45
DE000CU1P447	Société Générale	2100	Warrants	Facebook Inc	119	9
DE000KB190J6	Citi	2200	Knock-Out Warrants	DAX 30	111	16
DE000KB19YY2	Citi	2200	Knock-Out Warrants	S&P 500 Index	102	23
DE000KB19W81	Citi	2200	Knock-Out Warrants	DAX 30	101	15
DE000KA39SJ5	Citi	2200	Knock-Out Warrants	S&P 500 Index	97	23

(Source Euronext)



Euronext Paris

# ISSUERS

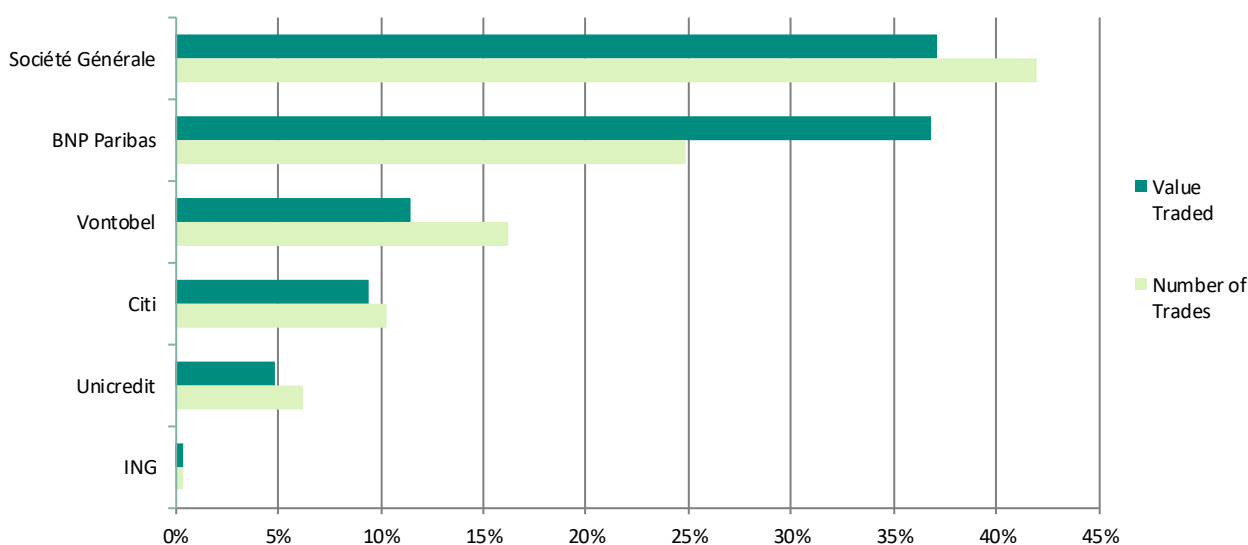
## Market Overview

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
Société Générale	9,168	-11.5%	101%	37.1%	3,706	-7.7%	140.7%	42.0%
BNP Paribas	9,101	-9.1%	102%	36.8%	2,196	-8.7%	69.1%	24.9%
Vontobel	2,826	9.4%	66%	11.4%	1,430	3.0%	77.2%	16.2%
Citi	2,326	-15.8%	43%	9.4%	910	-16.1%	18.3%	10.3%
Unicredit	1,207	-20%	65%	4.9%	546	-10.0%	50.5%	6.2%
ING	91	-21%	25%	0.4%	36	-11.1%	35.4%	0.4%
<b>Total</b>	<b>24,719</b>	<b>-9.6%</b>	<b>55.9%</b>	<b>100%</b>	<b>8,824</b>	<b>-7.5%</b>	<b>49.4%</b>	<b>100%</b>

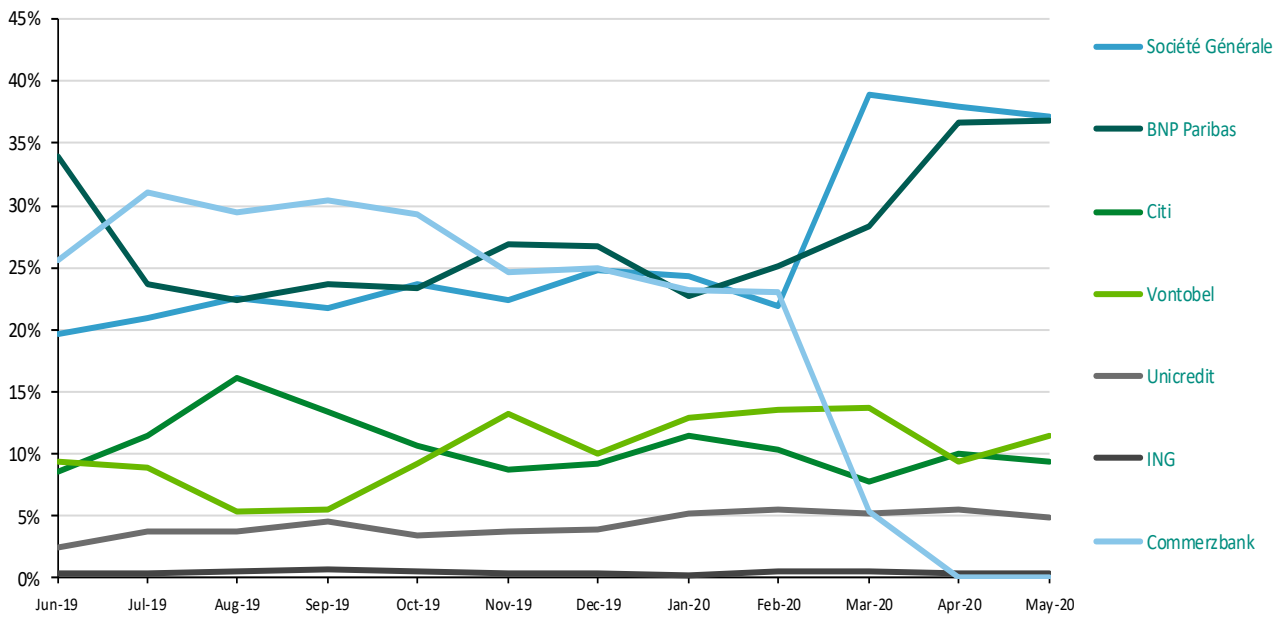
(Source Euronext)



# ISSUERS

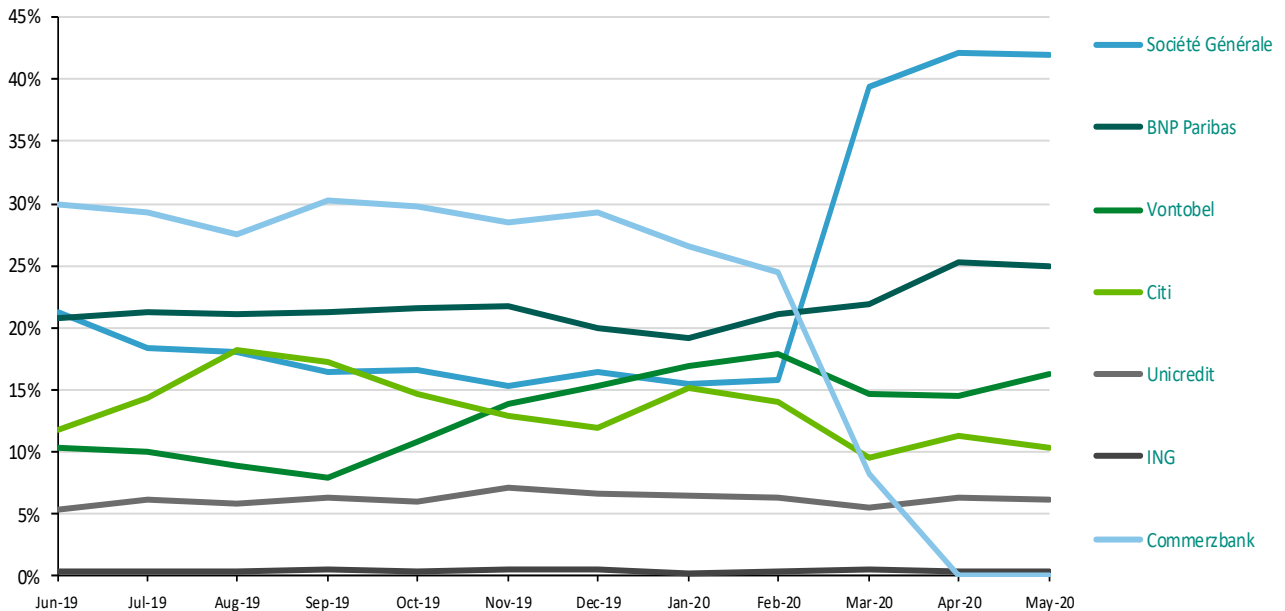
## Market Trend: Value traded

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

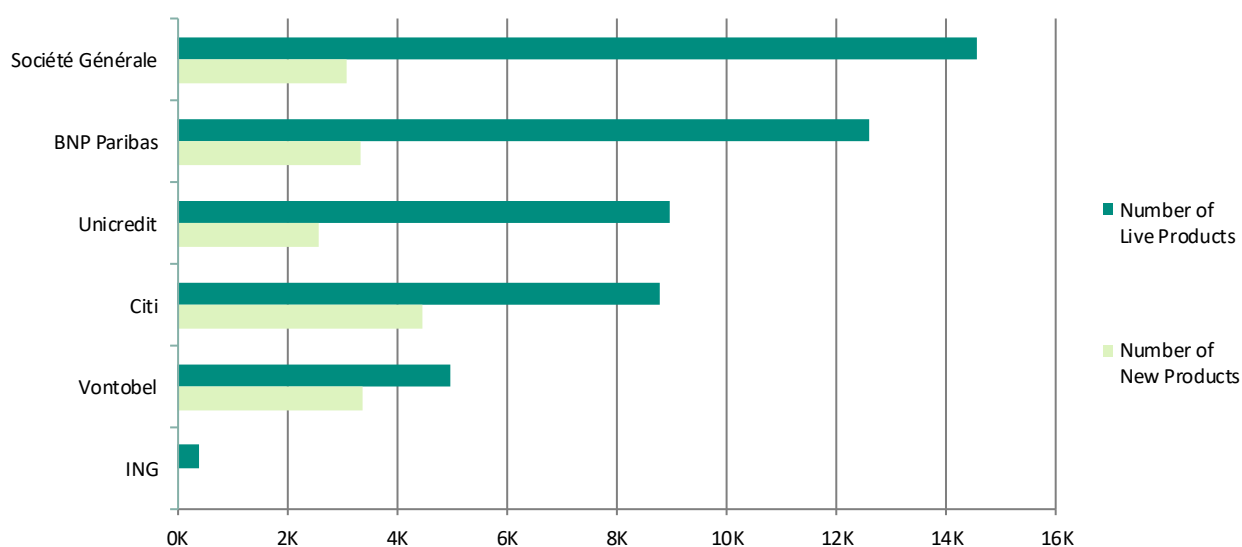
## Product Overview

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	14,581	0.8%	40%	29.0%	3,087	-31%	-33%	18.3%
BNP Paribas	12,622	5.0%	25%	25.1%	3,339	-19.4%	-0.2%	19.8%
Unicredit	8,971	3.9%	-1.3%	17.8%	2,585	-18.6%	-6.5%	15.3%
Citi	8,779	5.8%	-9.0%	17.4%	4,473	7.4%	28%	26.5%
Vontobel	4,986	0.6%	21%	9.9%	3,365	17.4%	9.4%	20.0%
ING	388	3.0%	5.8%	0.8%	0	-100%	-100%	0.0%
<b>Total</b>	<b>50,327</b>	<b>3.2%</b>	<b>-2.3%</b>	<b>100%</b>	<b>16,849</b>	<b>-11.3%</b>	<b>-10.6%</b>	<b>100%</b>

(Source Euronext)

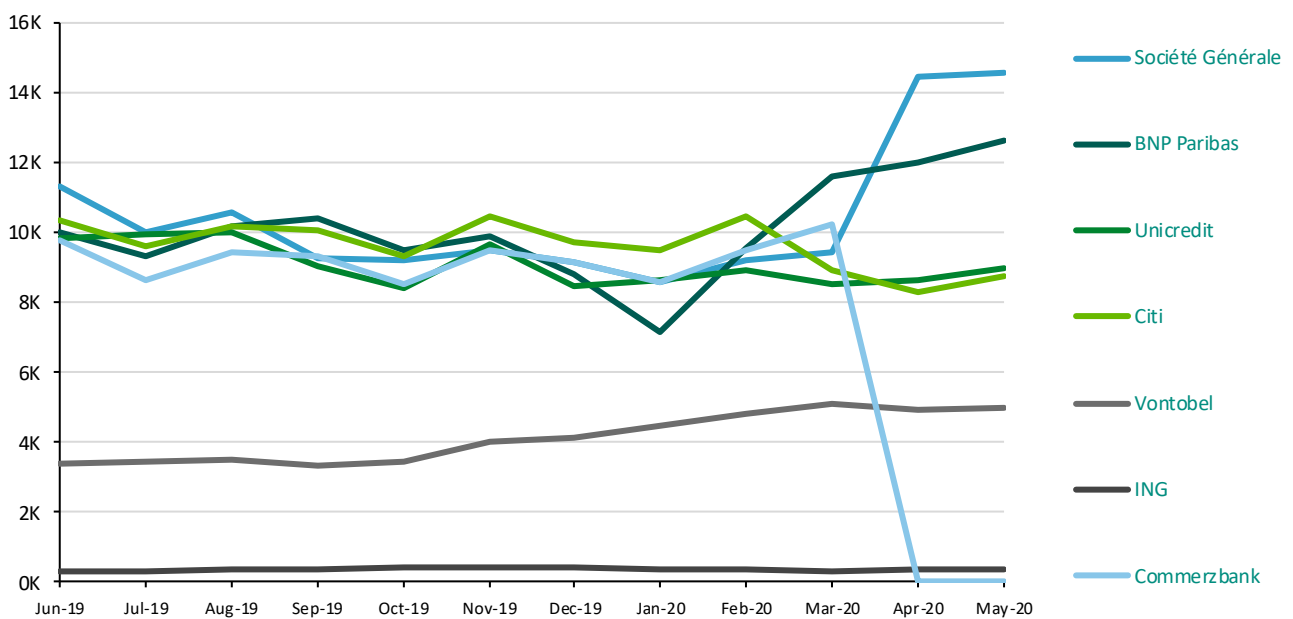




# ISSUERS

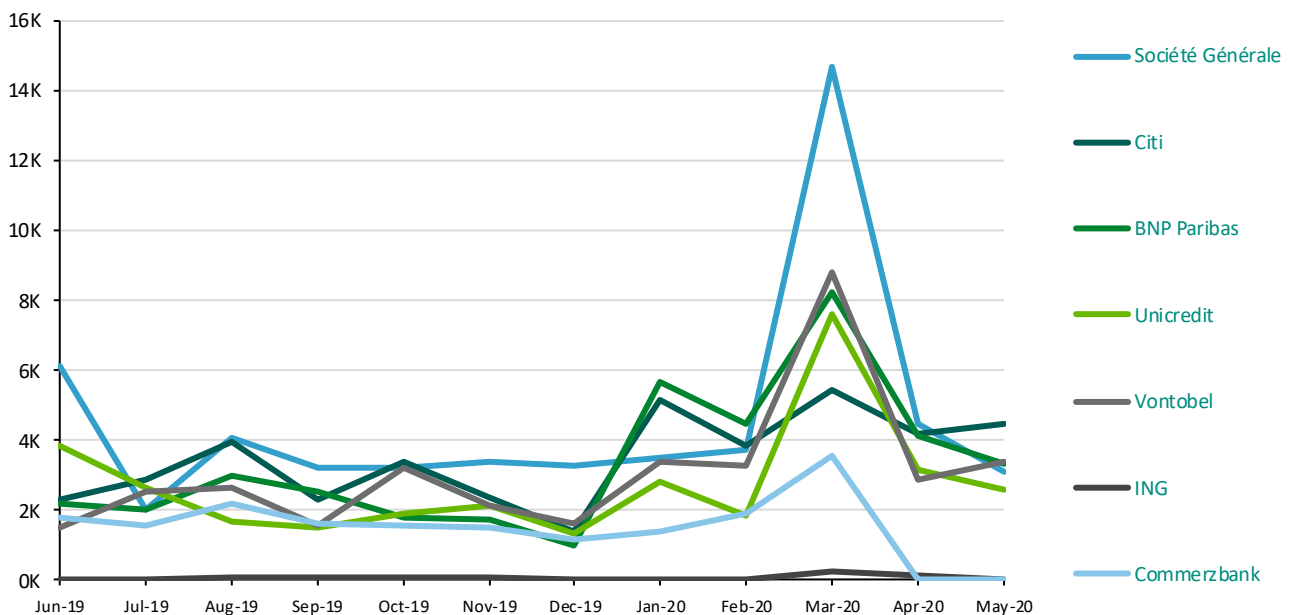
## Product Trend: Number of Live Products

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)

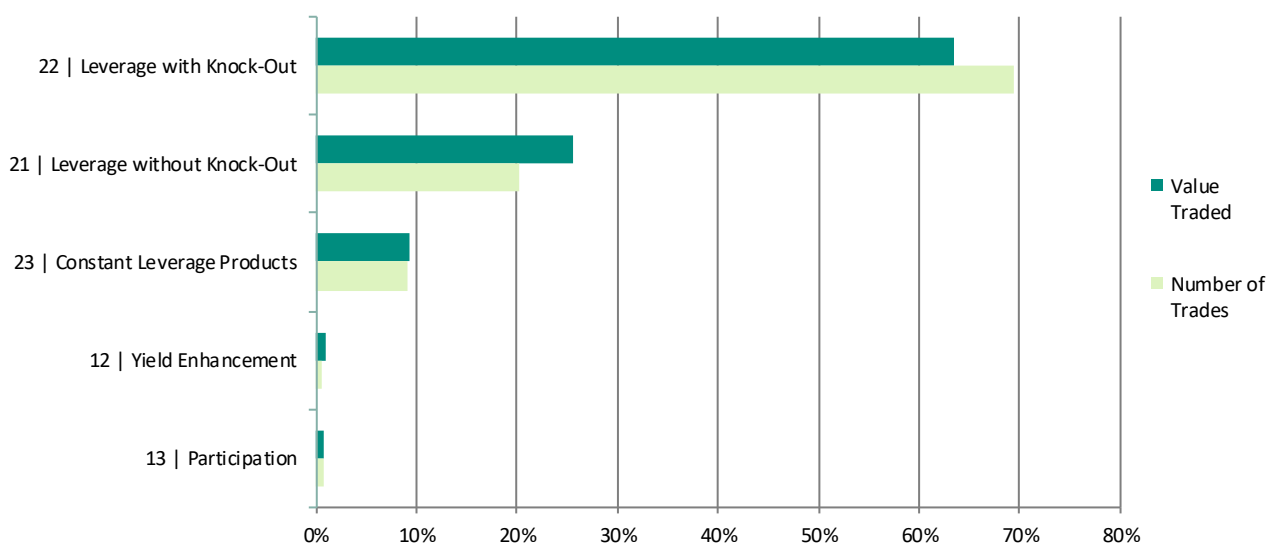
## Market Overview

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
22   Leverage with Knock-Out	15,696	-4.9%	73%	63.5%	6,132	-3.6%	56.7%	69.5%
21   Leverage without Knock-Out	6,333	-7.1%	56%	25.6%	1,780	-4.1%	40.2%	20.2%
23   Constant Leverage Products	2,314	-36%	21%	9.4%	796	-33.5%	37.2%	9.0%
12   Yield Enhancement	212	33%	-36%	0.9%	51	20.5%	3.9%	0.6%
13   Participation	164	-38%	-68%	0.7%	65	-26.3%	-31.6%	0.7%
<b>Total</b>	<b>24,719</b>	<b>-9.6%</b>	<b>55.9%</b>	<b>100%</b>	<b>8,824</b>	<b>-7.5%</b>	<b>49.4%</b>	<b>100%</b>

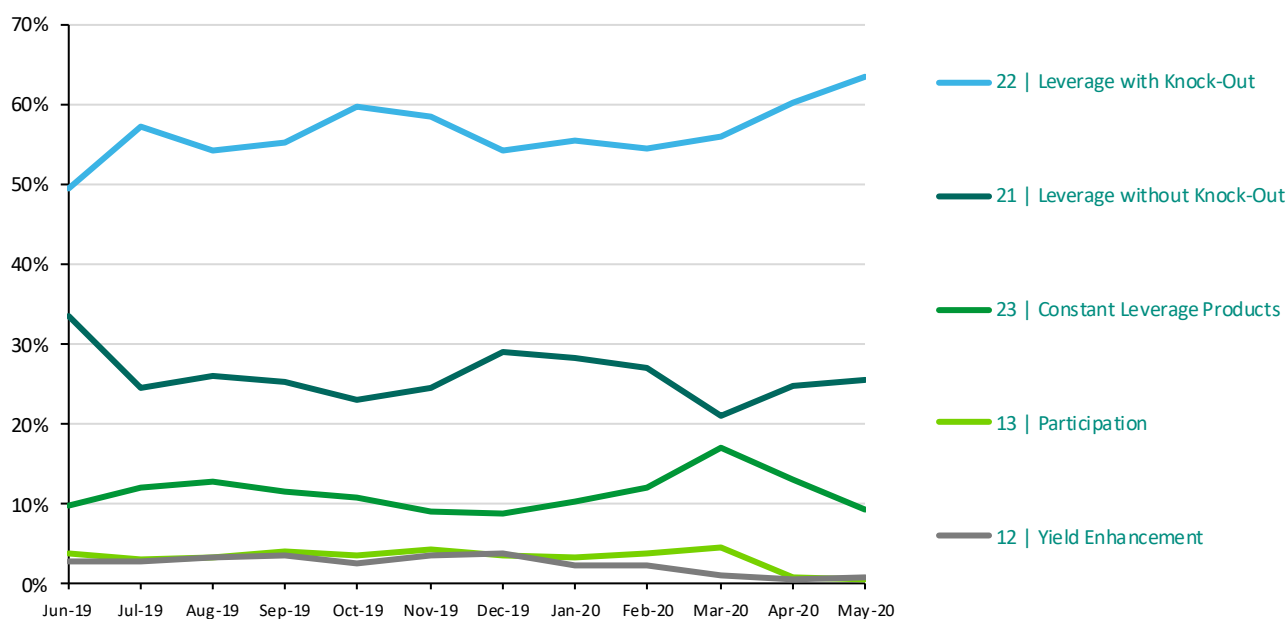
(Source Euronext)



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

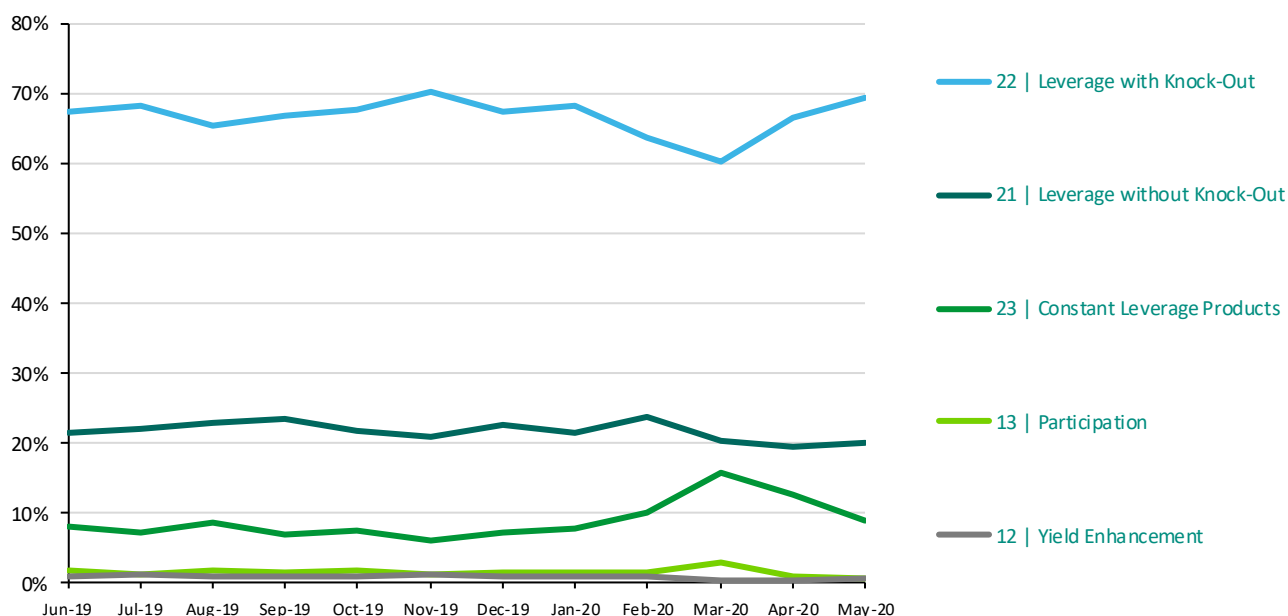
## Market Trend: Value traded

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)

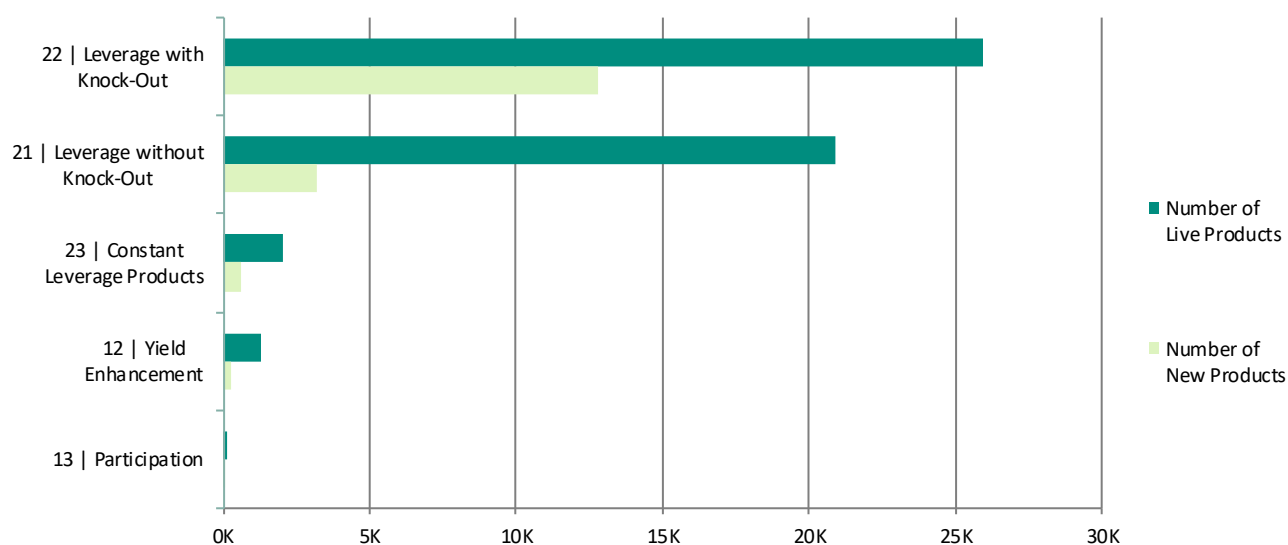
### Product Overview

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	25,981	6.6%	2.7%	51.6%	12,772	-17.9%	-9.0%	75.8%
21   Leverage without Knock-Out	20,894	-0.7%	-8.4%	41.5%	3,219	11.4%	-24%	19.1%
23   Constant Leverage Products	2,010	-2.2%	26%	4.0%	579	144%	104%	3.4%
12   Yield Enhancement	1,301	13.5%	-21%	2.6%	244	-18.9%	-10.0%	1.4%
13   Participation	141	15.2%	13.5%	0.3%	35	NA	176%	0.2%
<b>Total</b>	<b>50,327</b>	<b>3.2%</b>	<b>-2.3%</b>	<b>100%</b>	<b>16,849</b>	<b>-11.3%</b>	<b>-10.6%</b>	<b>100%</b>

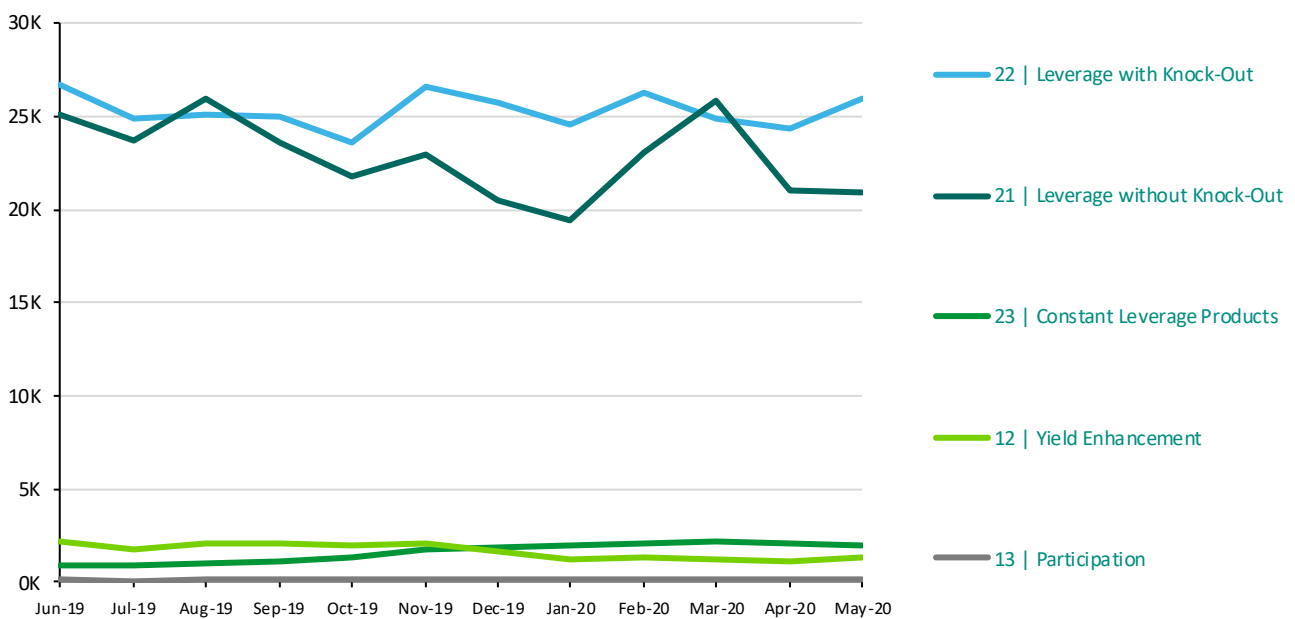
(Source Euronext)



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

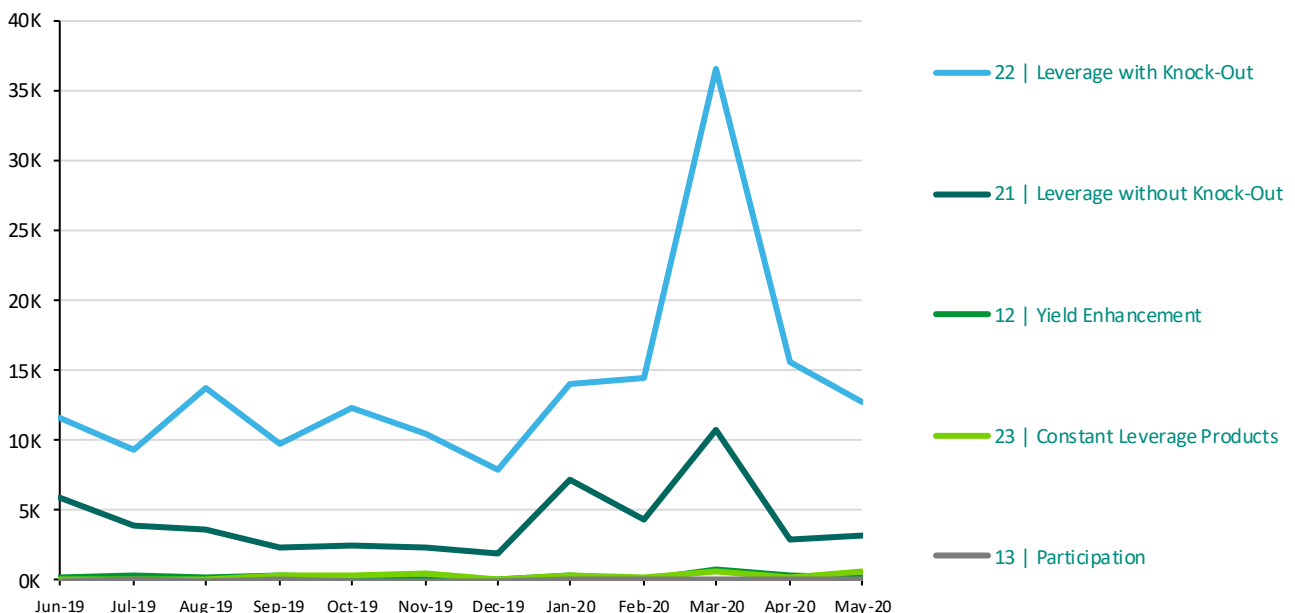
## Product Trend: Number of Live Products

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)

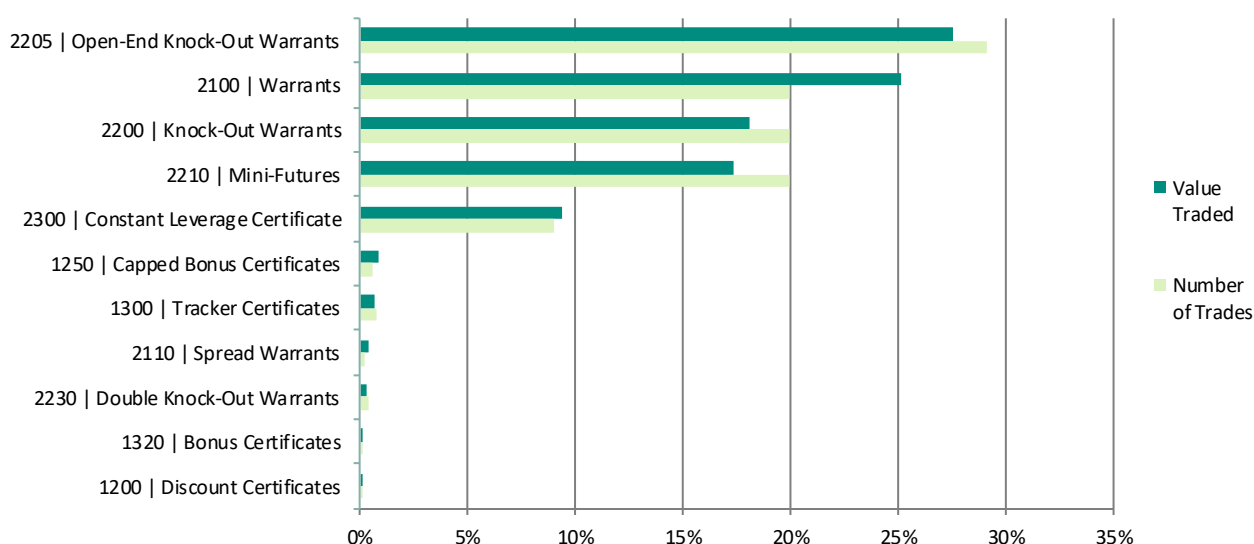
## Market Overview

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
2205   Open-End Knock-Out Warrants	6,823	8.2%	105%	27.6%	2,572	-1.2%	74.8%	29.1%
2100   Warrants	6,225	-7.9%	57%	25.2%	1,764	-4.3%	41%	20.0%
2200   Knock-Out Warrants	4,480	-13.7%	49%	18.1%	1,763	-2.3%	35%	20.0%
2210   Mini-Futures	4,305	-13.2%	66%	17.4%	1,764	-8.7%	61%	20.0%
2300   Constant Leverage Certificate	2,314	-36%	21%	9.4%	796	-33%	37%	9.0%
1250   Capped Bonus Certificates	212	36%	-36%	0.9%	50	22%	4.2%	0.6%
1300   Tracker Certificates	162	-37%	-68%	0.7%	65	-26%	-32%	0.7%
2110   Spread Warrants	108	108%	21%	0.4%	16	34%	-11.9%	0.2%
2230   Double Knock-Out Warrants	89	65%	-25%	0.4%	33	64%	-11.8%	0.4%
1320   Bonus Certificates	2	-65%	36%	0.0%	0.6	-21%	157%	0.0%
1200   Discount Certificates	0	-93%	-71%	0.0%	0.1	-87%	-55%	0.0%
<b>Total</b>	<b>24,719</b>	<b>-9.6%</b>	<b>55.9%</b>	<b>100%</b>	<b>8,824</b>	<b>-7.5%</b>	<b>49.4%</b>	<b>100%</b>

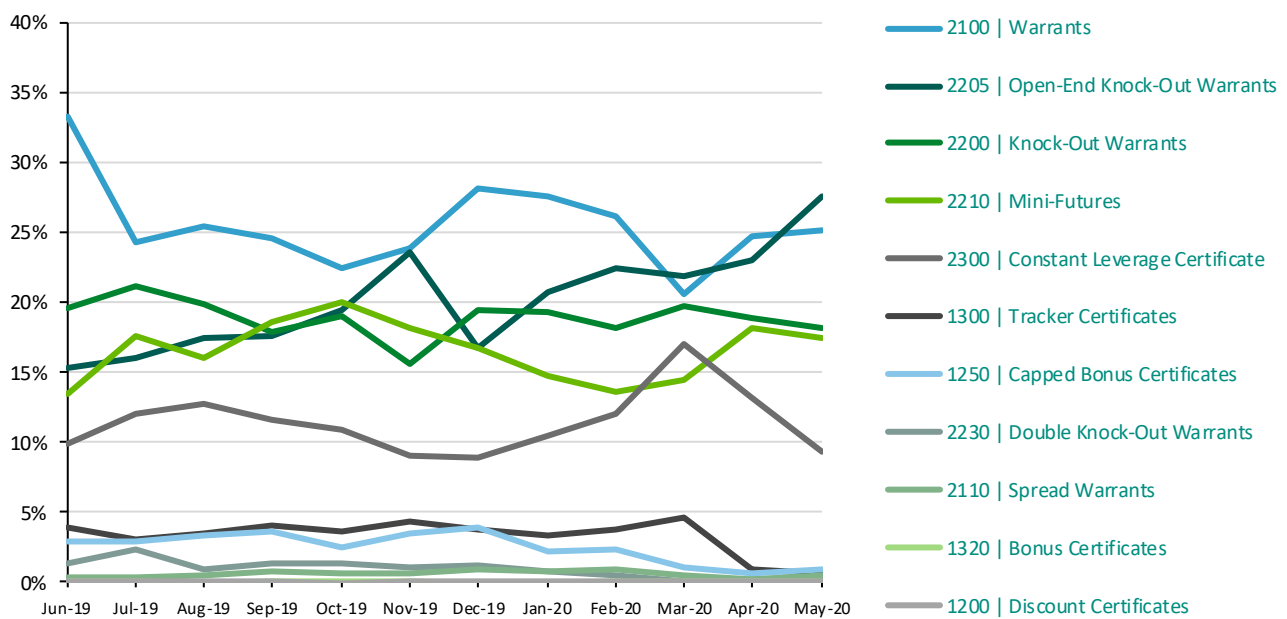
(Source Euronext)



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

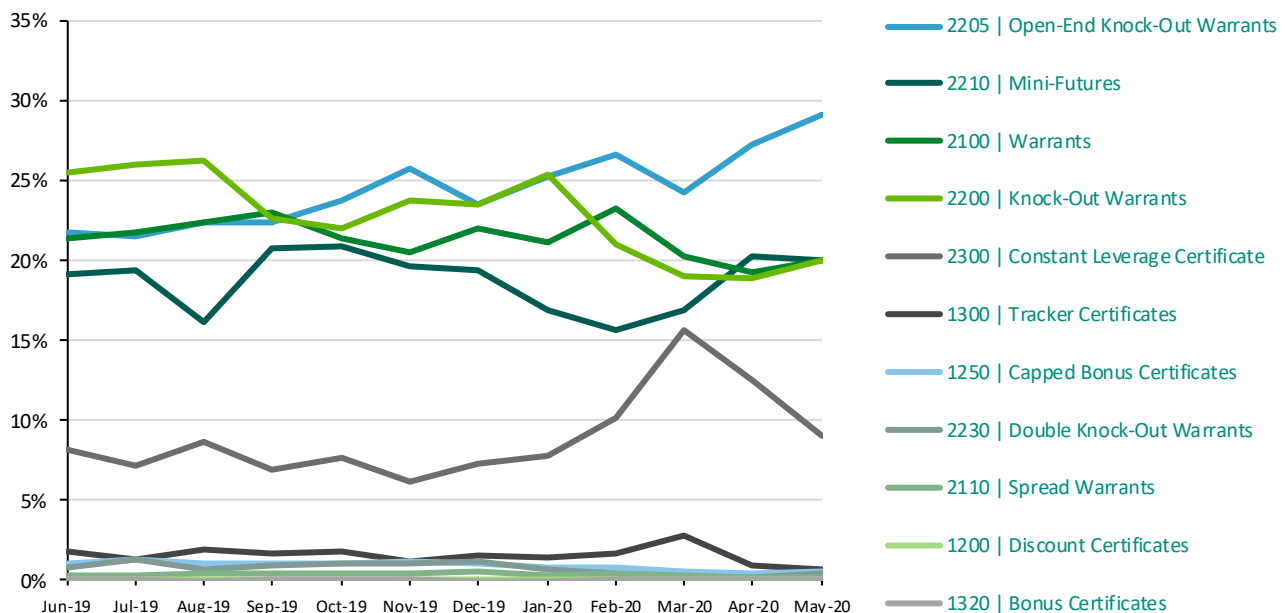
## Market Trend: Value traded

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)

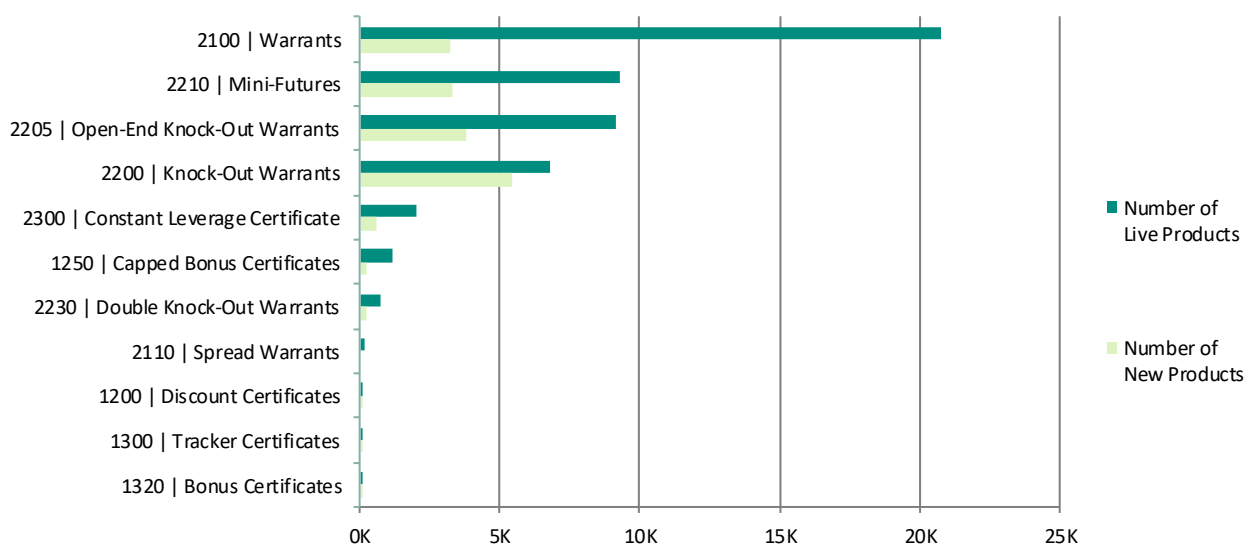
## Product Overview

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	20,730	-0.6%	-8.6%	41.2%	3,219	12.3%	-23%	19.1%
2210   Mini-Futures	9,264	5.9%	6.0%	18.4%	3,310	-33%	-3.8%	19.6%
2205   Open-End Knock-Out Warrants	9,170	3.5%	9.8%	18.2%	3,804	-23%	-2.7%	22.6%
2200   Knock-Out Warrants	6,789	4.7%	-9.6%	13.5%	5,422	5.2%	-15.3%	32.2%
2300   Constant Leverage Certificate	2,010	-2.2%	26%	4.0%	579	144%	104%	3.4%
1250   Capped Bonus Certificates	1,186	13.5%	-25%	2.4%	225	-25%	-12.6%	1.3%
2230   Double Knock-Out Warrants	758	175%	8.5%	1.5%	236	-53%	-18.8%	1.4%
2110   Spread Warrants	163	-8.7%	17.4%	0.3%	0	-100%	-100%	0.0%
1200   Discount Certificates	115	13.4%	78%	0.2%	19		41%	0.1%
1300   Tracker Certificates	72	-2.0%	-13.0%	0.1%	1	0.0%	200%	0.0%
1320   Bonus Certificates	69	41%	66%	0.1%	34		176%	0.2%
<b>Total</b>	<b>50,327</b>	<b>3.2%</b>	<b>-2.3%</b>	<b>100%</b>	<b>16,849</b>	<b>-11.3%</b>	<b>-10.6%</b>	<b>100%</b>

(Source Euronext)

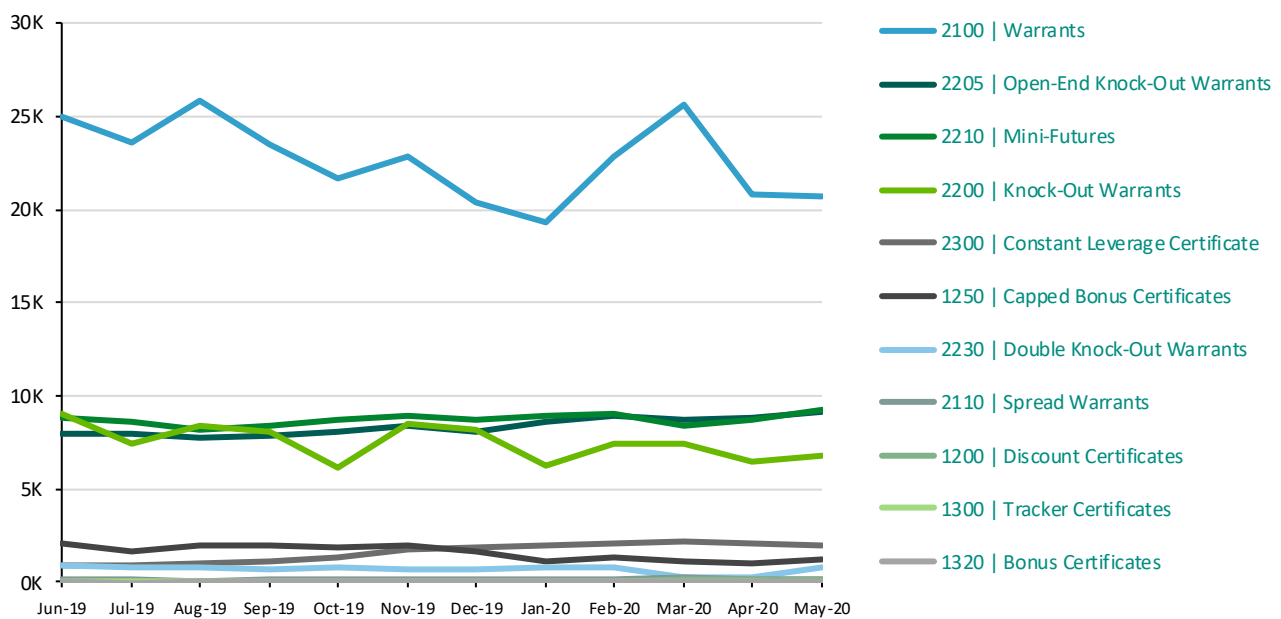




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

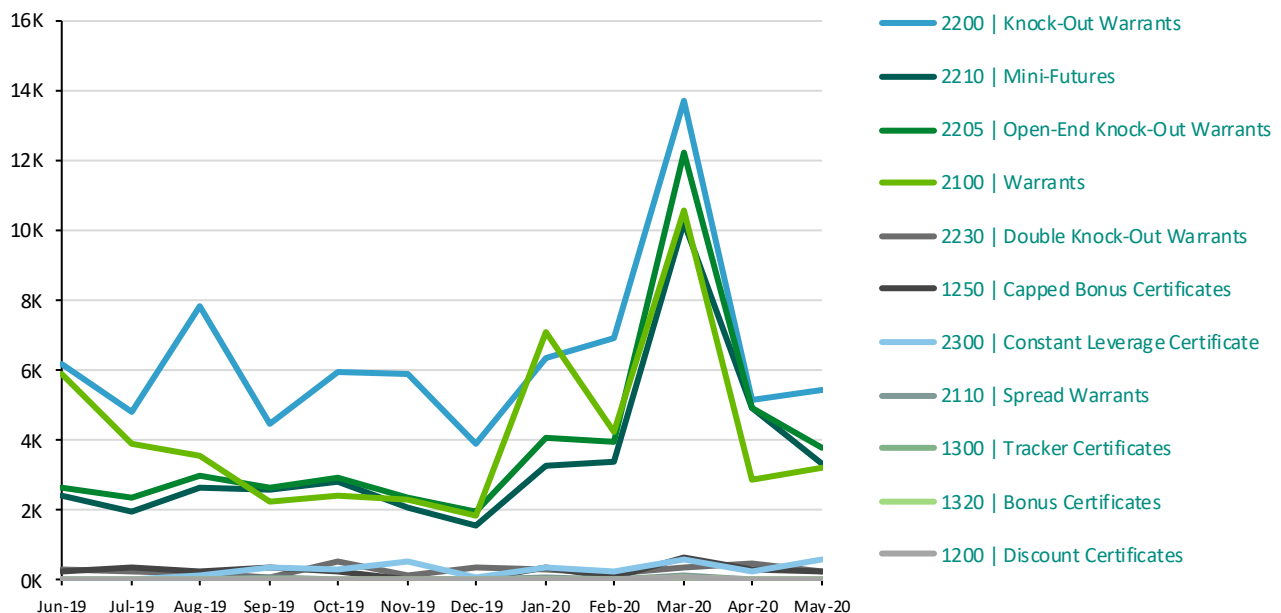
## Product Trend: Number of Live Products

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

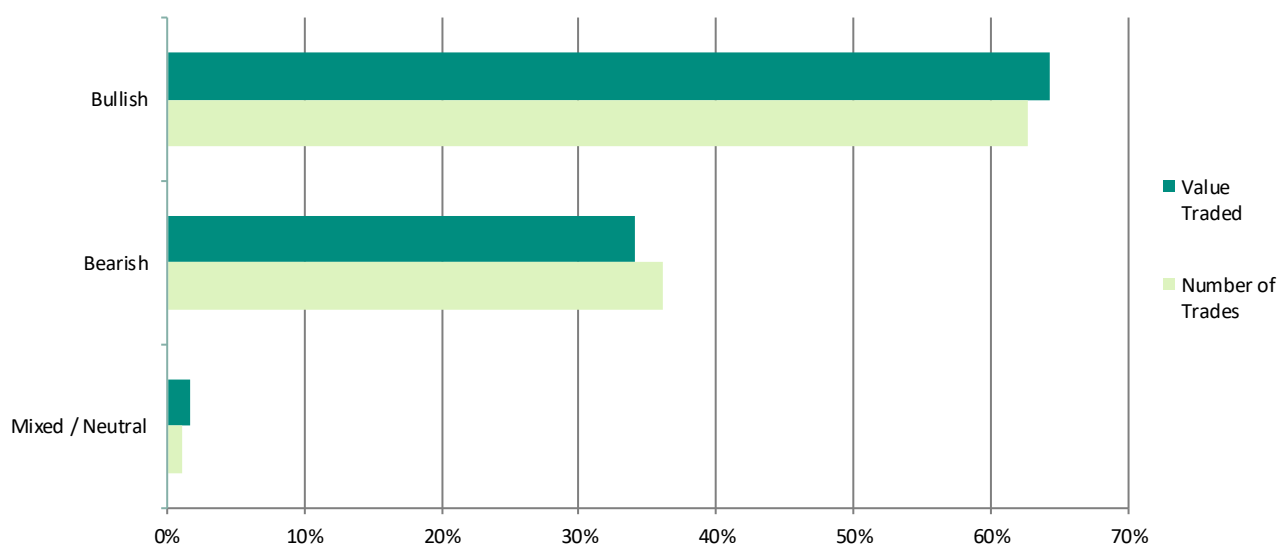
## Market Overview

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	15,887	-7.0%	67%	64.3%	5,537	-5.8%	60.1%	62.7%
Bearish	8,423	-15.9%	46%	34.1%	3,187	-11.3%	36%	36.1%
Mixed / Neutral	409	54%	-24%	1.7%	100	34%	-4.6%	1.1%
Total	24,719	-9.6%	55.9%	100%	8,824	-7.5%	49.4%	100%

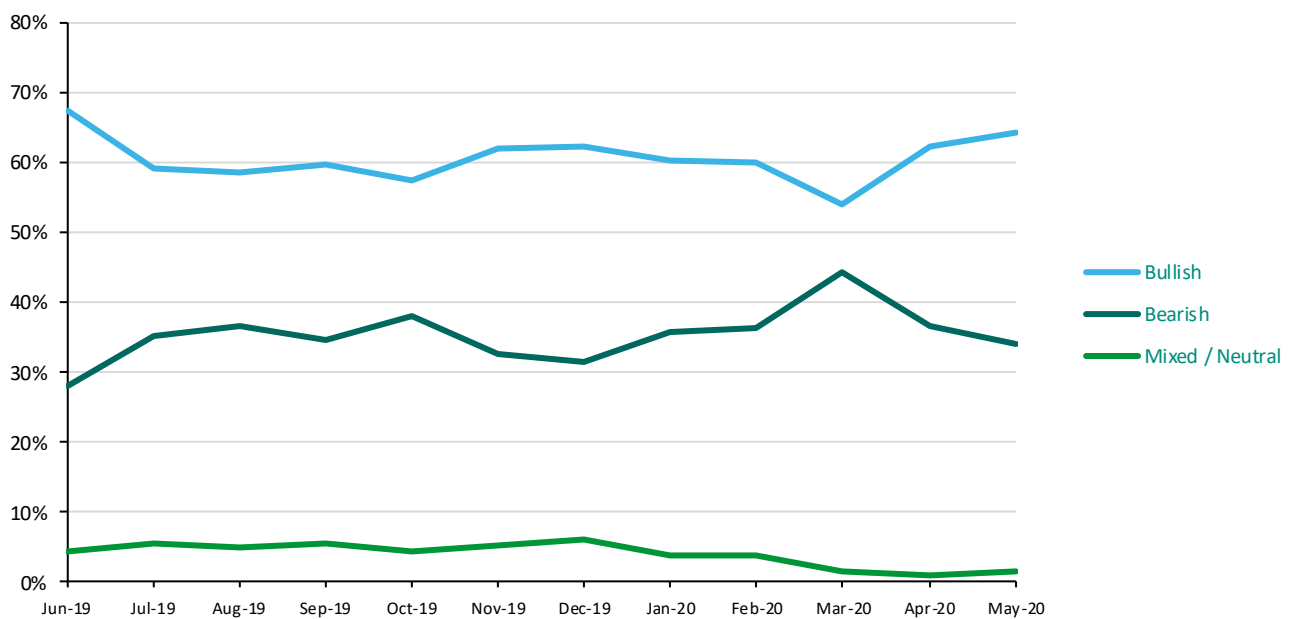
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# PRODUCT STRATEGIES

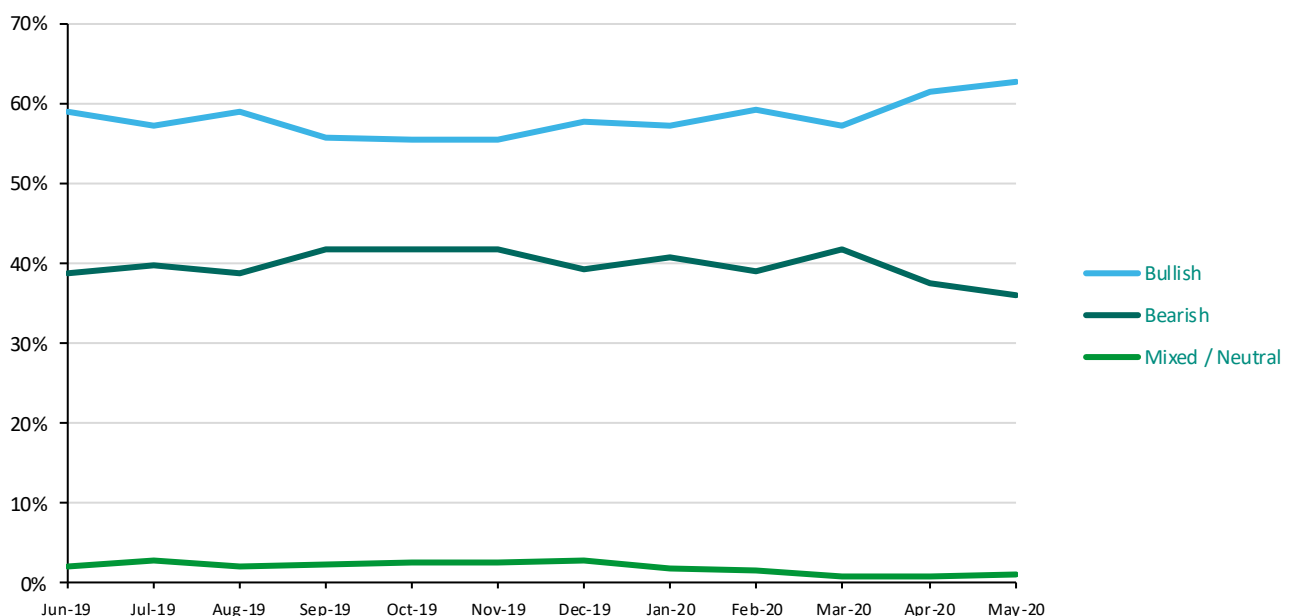
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

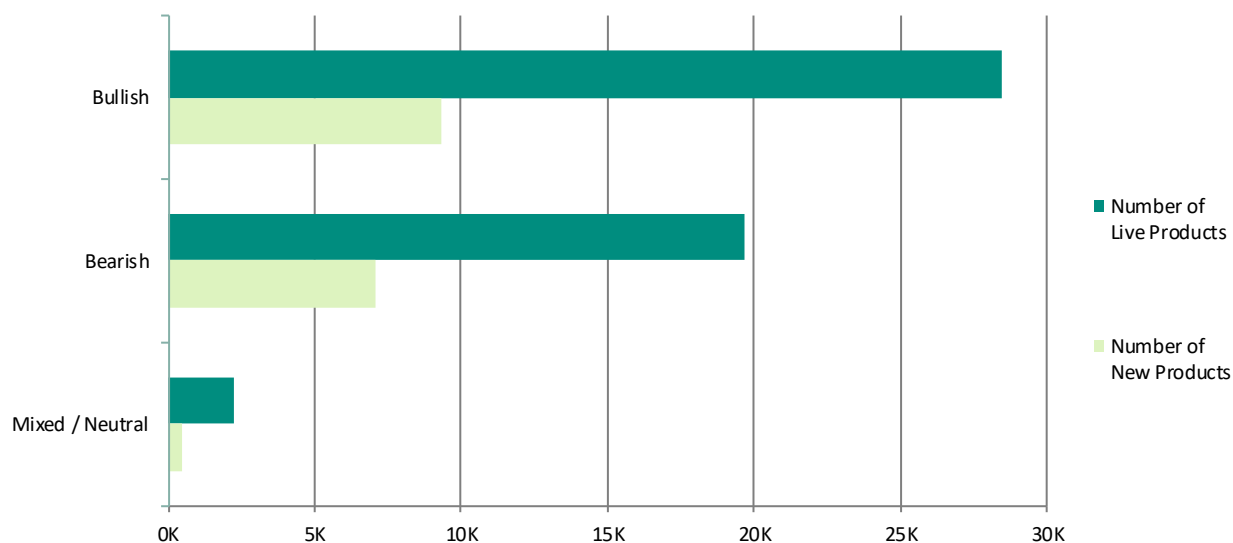
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	28,455	7.3%	-0.9%	56.5%	9,328	-19.9%	-7.8%	55.4%
Bearish	19,650	-4.8%	-3.2%	39.0%	7,041	8.0%	-13.3%	41.8%
Mixed / Neutral	2,222	39%	-10.8%	4.4%	480	-42%	-20%	2.8%
<b>Total</b>	<b>50,327</b>	<b>3.2%</b>	<b>-2.3%</b>	<b>100%</b>	<b>16,849</b>	<b>-11.3%</b>	<b>-10.6%</b>	<b>100%</b>

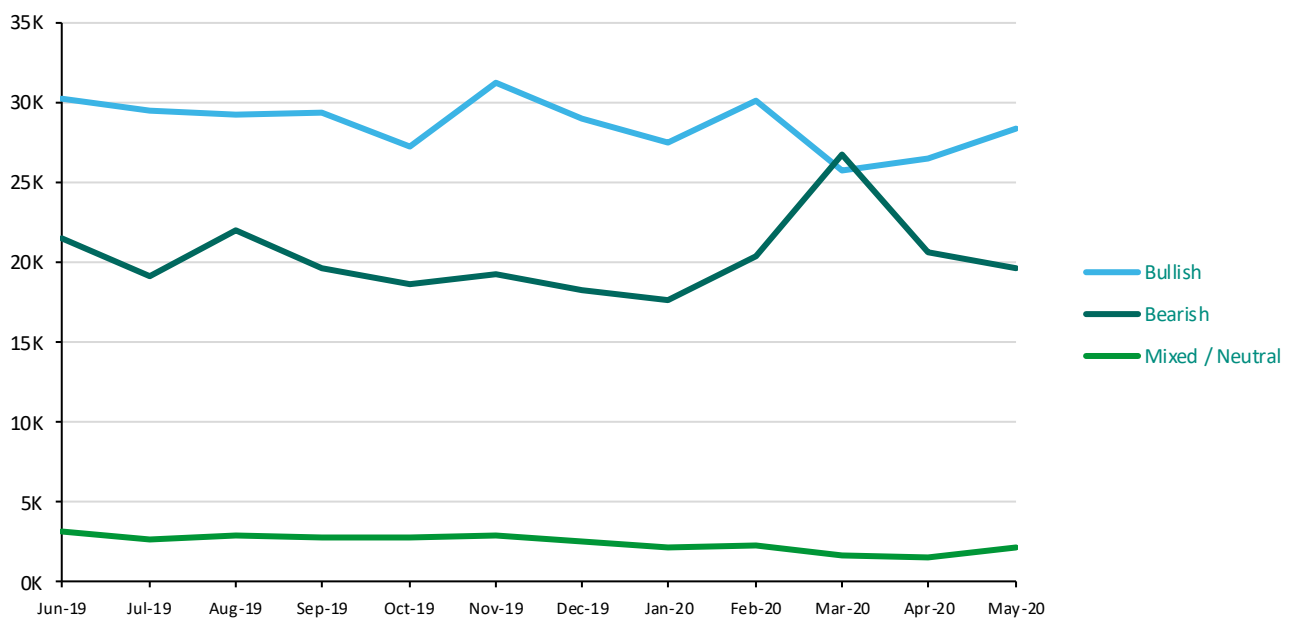
(Source Euronext)



# PRODUCT STRATEGIES

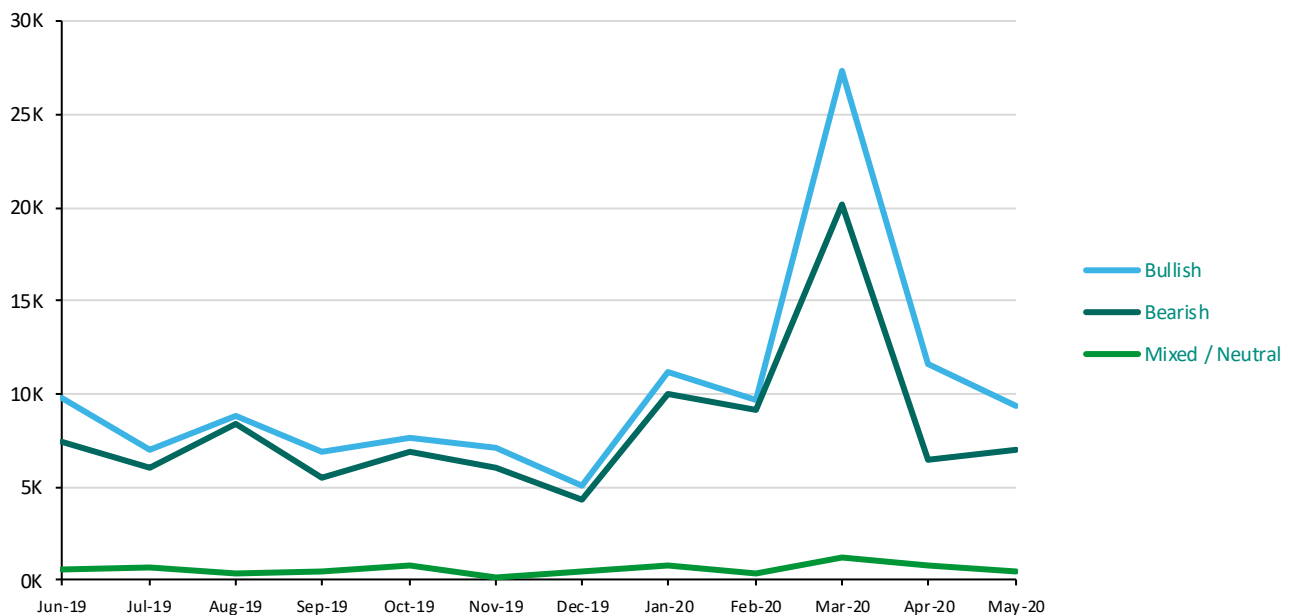
## Product Trend: Number of Live Products

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

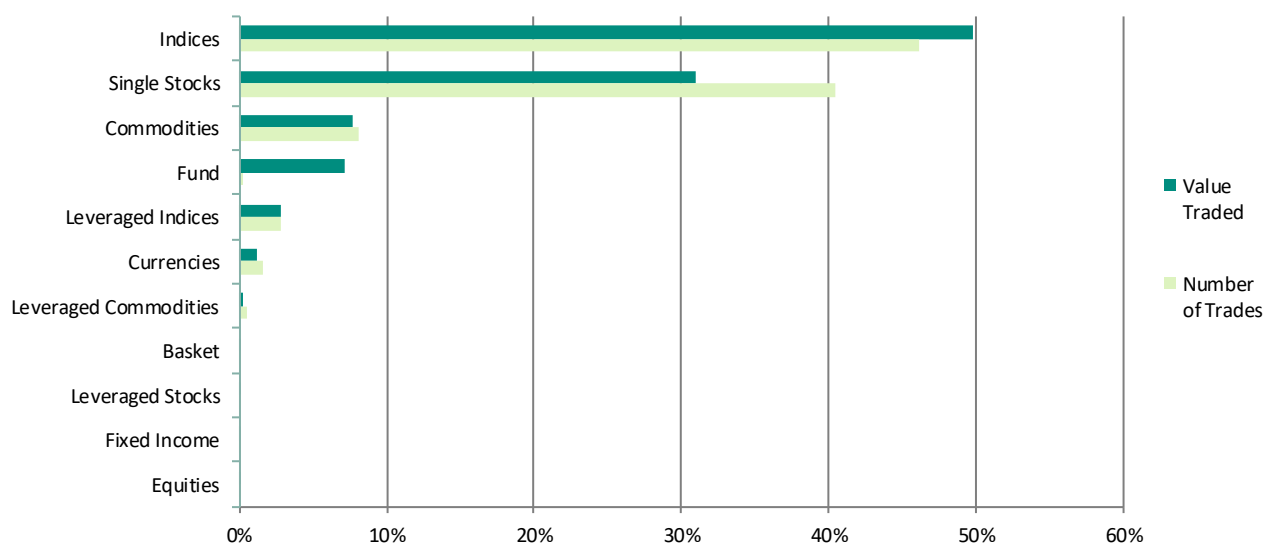
## Market Overview

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	12,328	-9.9%	60%	49.9%	4,079	-4.0%	41.5%	46.2%
Single Stocks	7,644	4.5%	55%	30.9%	3,573	2.1%	63.9%	40.5%
Commodities	1,885	-23%	90%	7.6%	709	-41.6%	62.3%	8.0%
Fund	1,770	-36%	85%	7.2%	15	-54.9%	12.5%	0.2%
Leveraged Indices	704	-10.1%	-30%	2.8%	246	-31.0%	-9.5%	2.8%
Currencies	276	61%	158%	1.1%	137	35.4%	93.9%	1.6%
Leveraged Commodities	59	-44%	-9.3%	0.2%	50	-21.7%	52.7%	0.6%
Basket	34	-26%	-28%	0.1%	1.2	-11.1%	-7.7%	0.0%
Leveraged Stocks	10	-53%	-25%	0.0%	9.3	-39.0%	-15.4%	0.1%
Fixed Income	6	-24%	-16.9%	0.0%	2.4	-53.9%	-62.0%	0.0%
Equities	2	NA	NA	0.0%	0.5	150.0%	475.0%	0.0%
<b>Total</b>	<b>24,719</b>	<b>-9.6%</b>	<b>56%</b>	<b>100%</b>	<b>8,824</b>	<b>-7.5%</b>	<b>49.4%</b>	<b>100%</b>

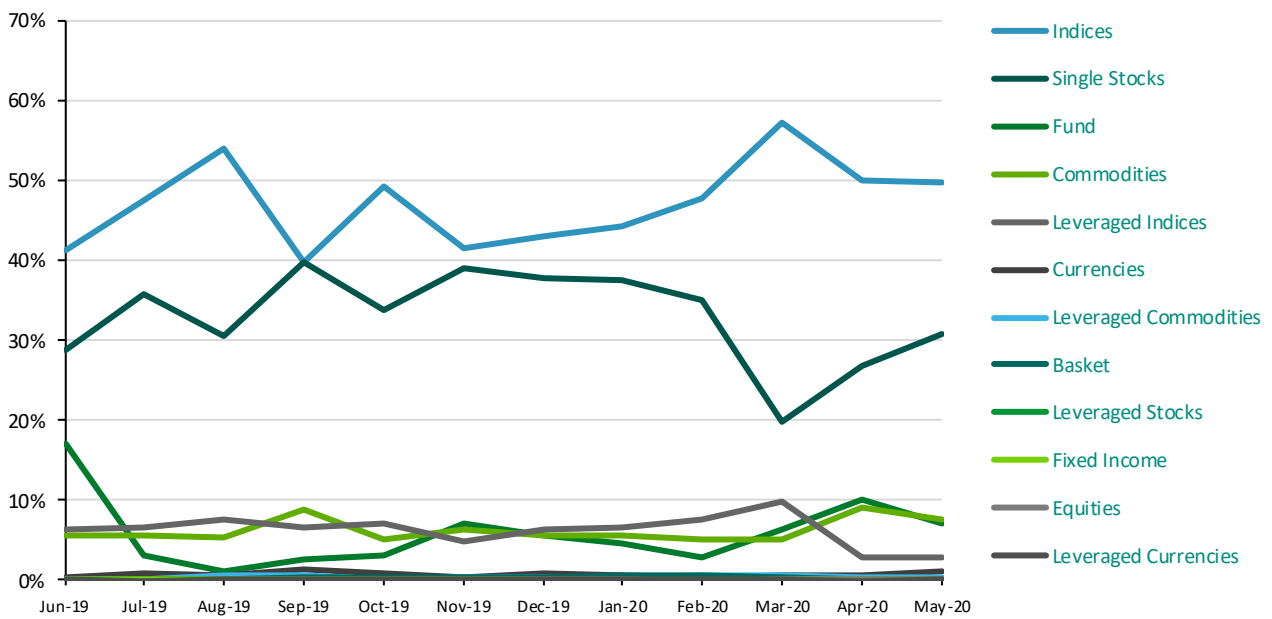
(Source Euronext)



# UNDERLYING TYPES

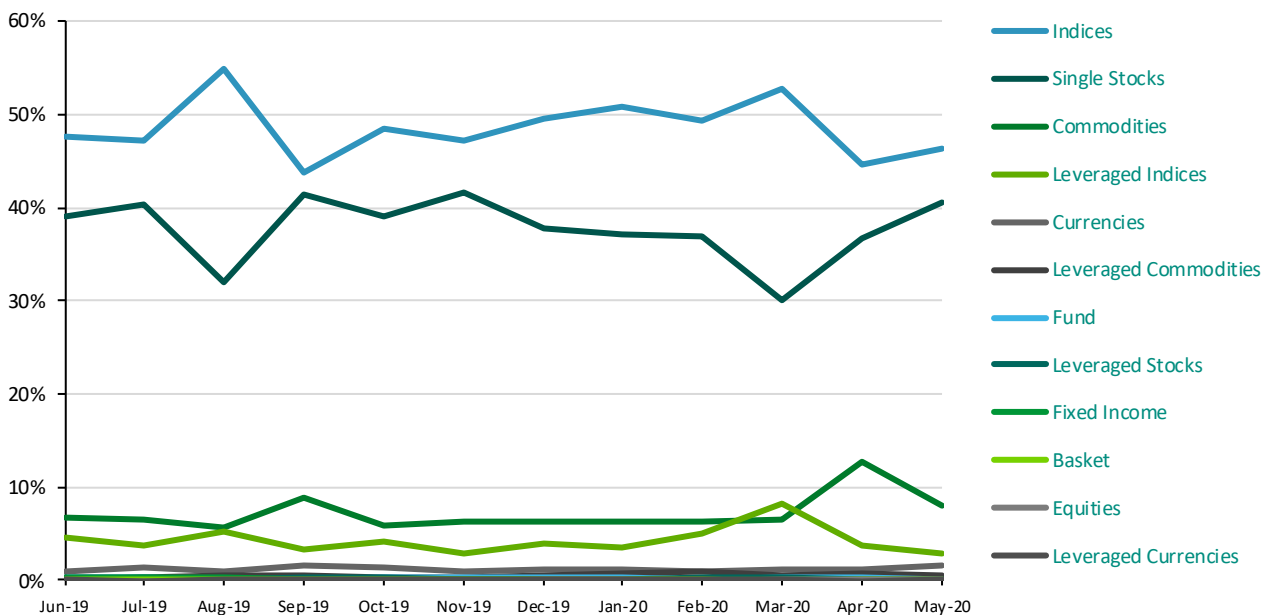
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## UNDERLYING TYPES

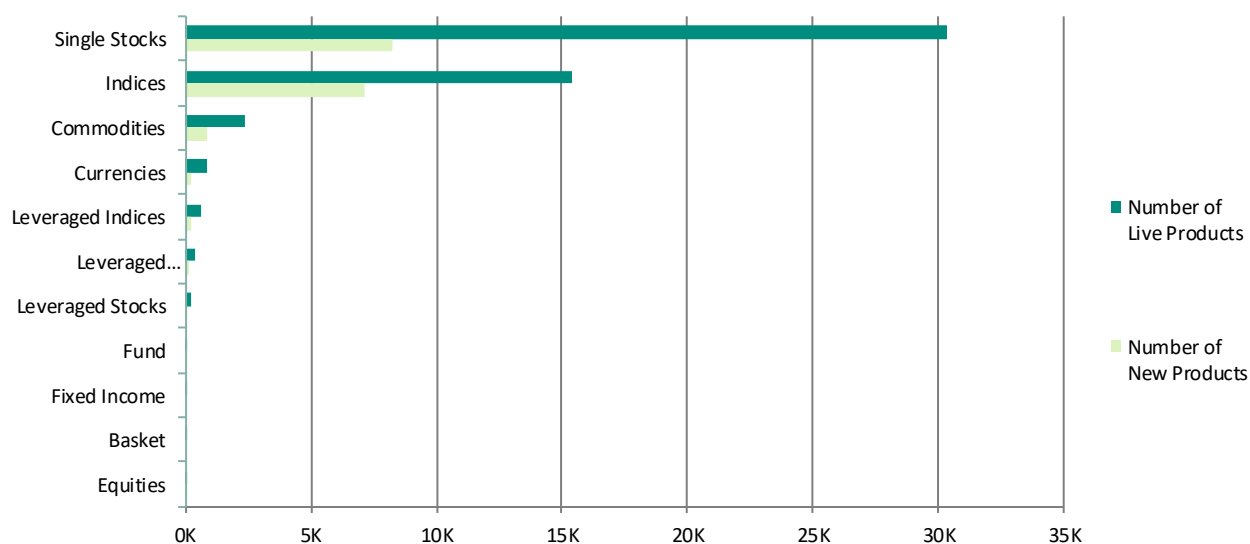
### Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	30,333	3.9%	-10.4%	60.3%	8,280	-18.7%	-15.8%	49.1%
Indices	15,421	2.4%	14.8%	30.6%	7,126	4.5%	-8.6%	42.3%
Commodities	2,376	5.3%	16.5%	4.7%	835	-49%	-2.2%	5.0%
Currencies	823	7.2%	-17.6%	1.6%	208	52%	32%	1.2%
Leveraged Indices	627	5.3%	46%	1.2%	234	193%	164%	1.4%
Leveraged Commodities	345	-14.8%	1.0%	0.7%	149	31%	60%	0.9%
Leveraged Stocks	209	-21%	1.4%	0.4%	11	120%	-42%	0.1%
Fund	99	1.7%	6.4%	0.2%	4	100%	167%	0.0%
Fixed Income	78	-1.6%	5.9%	0.2%	0	-100%	-100%	0.0%
Basket	8	0.0%	37%	0.0%	0		-100%	0.0%
Equities	4	47%	280%	0.0%	2	100%	243%	0.0%
<b>Total</b>	<b>50,327</b>	<b>3.2%</b>	<b>-2.3%</b>	<b>100%</b>	<b>16,849</b>	<b>-11.3%</b>	<b>-10.6%</b>	<b>100%</b>

(Source Euronext)

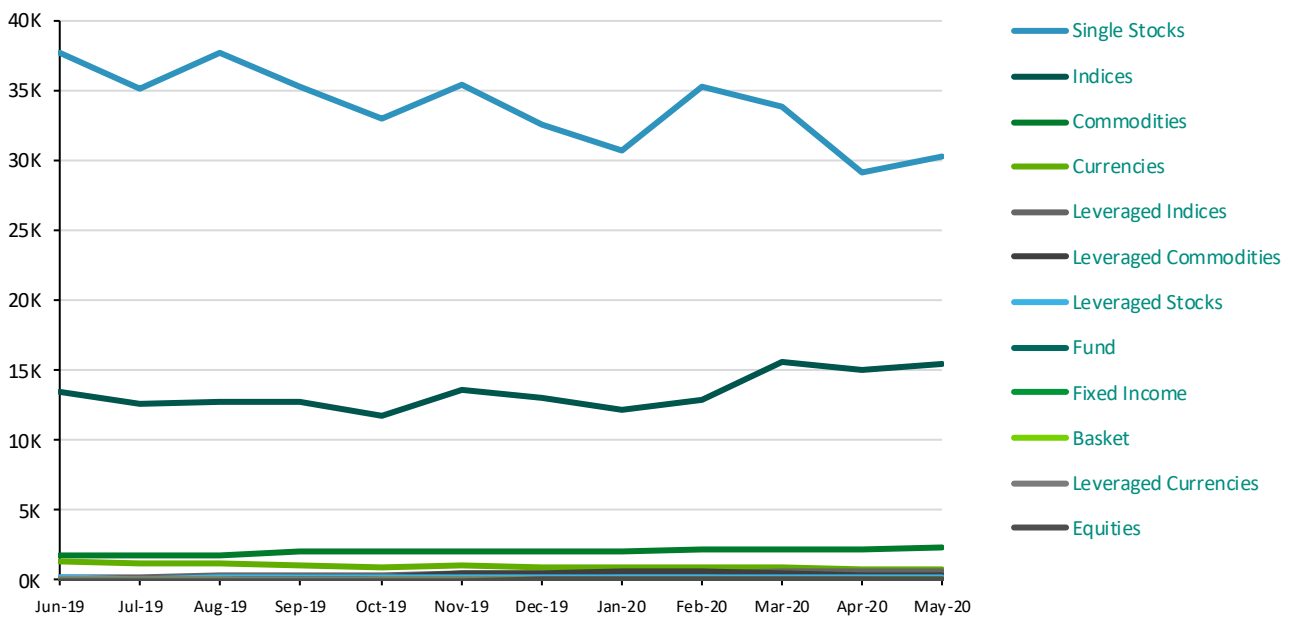




# UNDERLYING TYPES

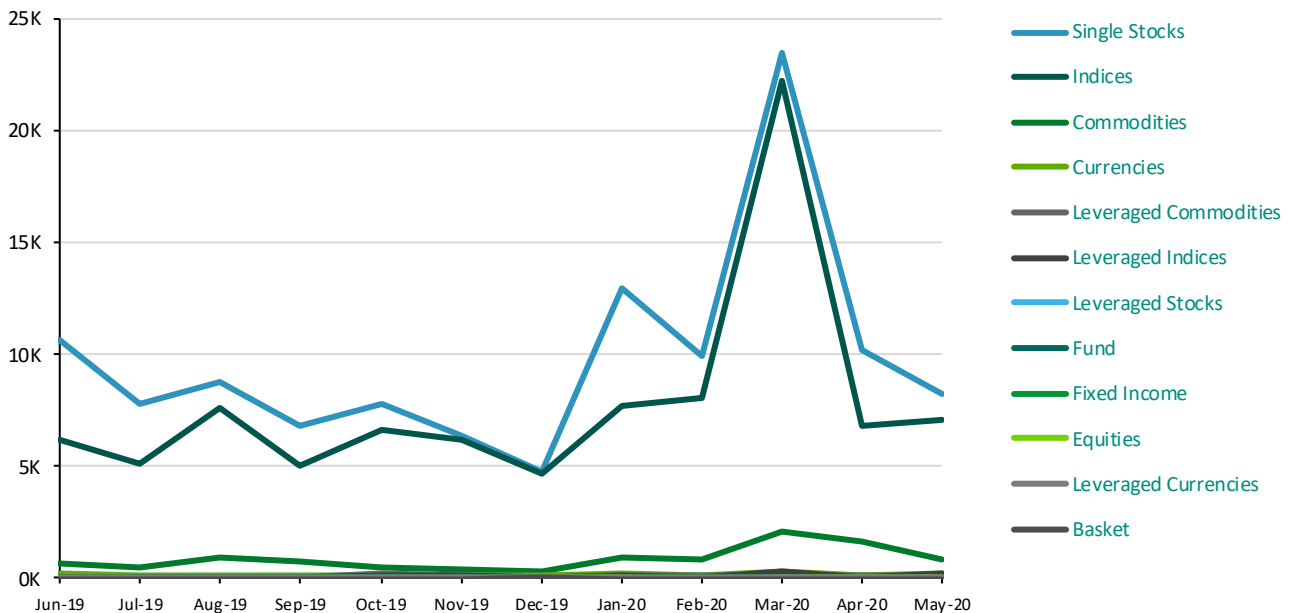
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYING COUNTRIES

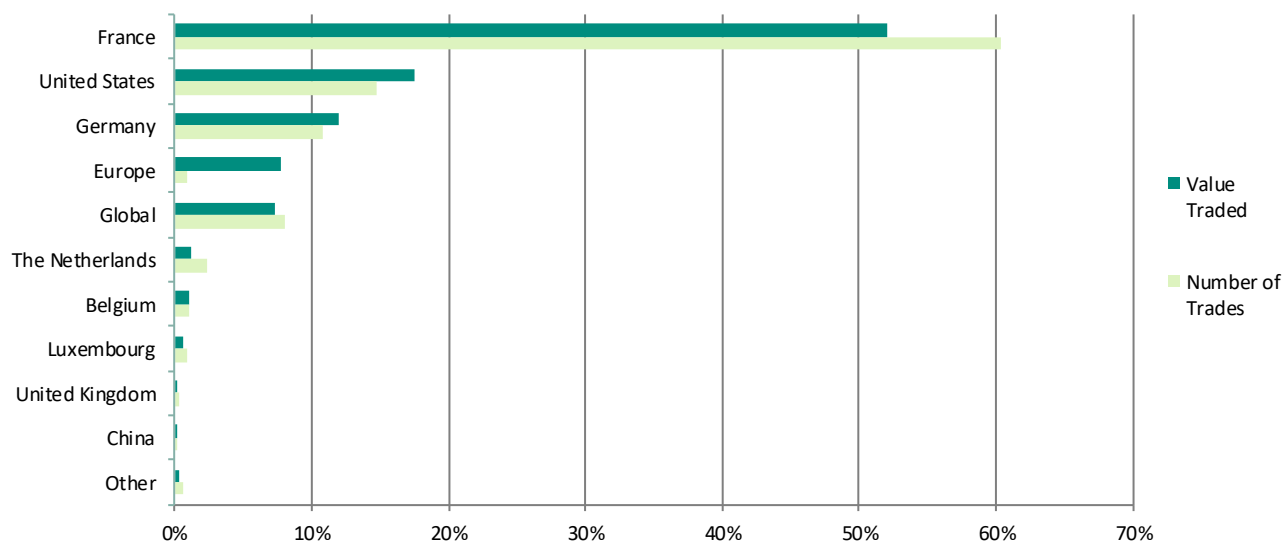
## Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	12,850	-9.5%	33%	52.0%	5,327	-5.9%	35.9%	60.4%
United States	4,340	-16.8%	81%	17.6%	1,297	-19.2%	66%	14.7%
Germany	2,942	25%	152%	11.9%	951	13.8%	97%	10.8%
Europe	1,914	-34%	85%	7.7%	79	-35%	69%	0.9%
Global	1,809	-13.9%	65%	7.3%	704	-31%	51%	8.0%
The Netherlands	289	76%	104%	1.2%	211	92%	174%	2.4%
Belgium	246	72%	219%	1.0%	89	47%	175%	1.0%
Luxembourg	164	154%	66%	0.7%	78	55%	72%	0.9%
United Kingdom	49	-39%	4.0%	0.2%	28	24%	82%	0.3%
China	38	91%	58%	0.2%	7.1	88%	54%	0.1%
Other	78	-12.8%	19.9%	0.3%	54	-3.3%	67%	0.6%
<b>Total</b>	<b>24,719</b>	<b>-9.6%</b>	<b>55.9%</b>	<b>100%</b>	<b>8,824</b>	<b>-7.5%</b>	<b>49.4%</b>	<b>100%</b>

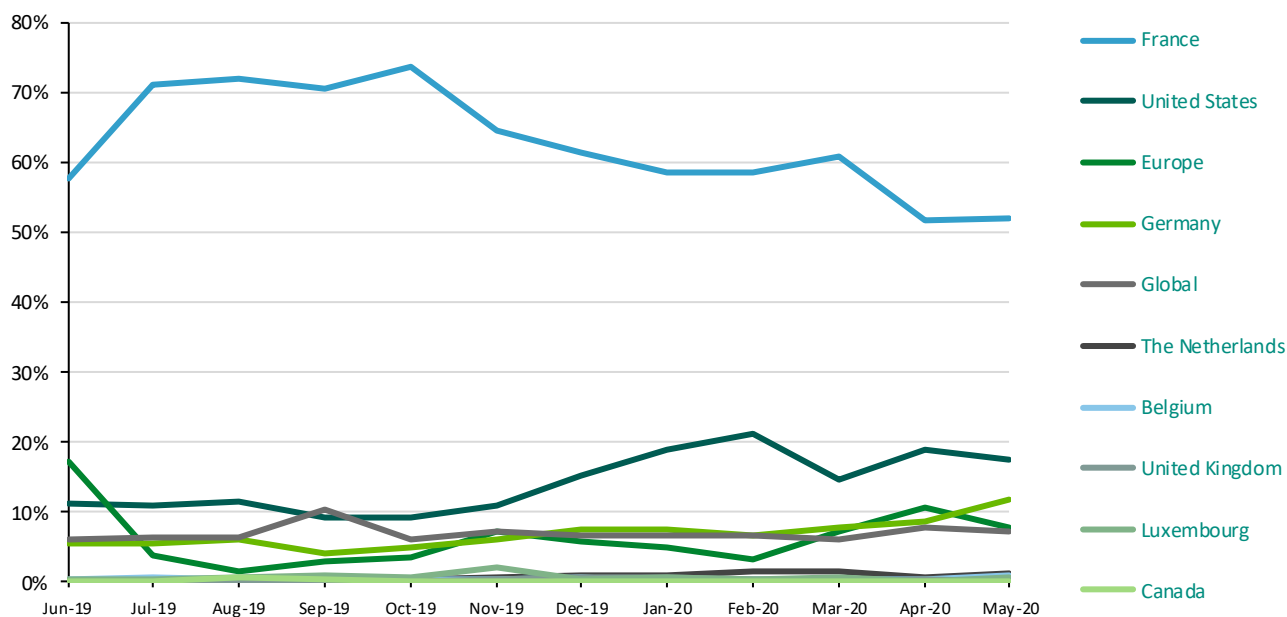
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

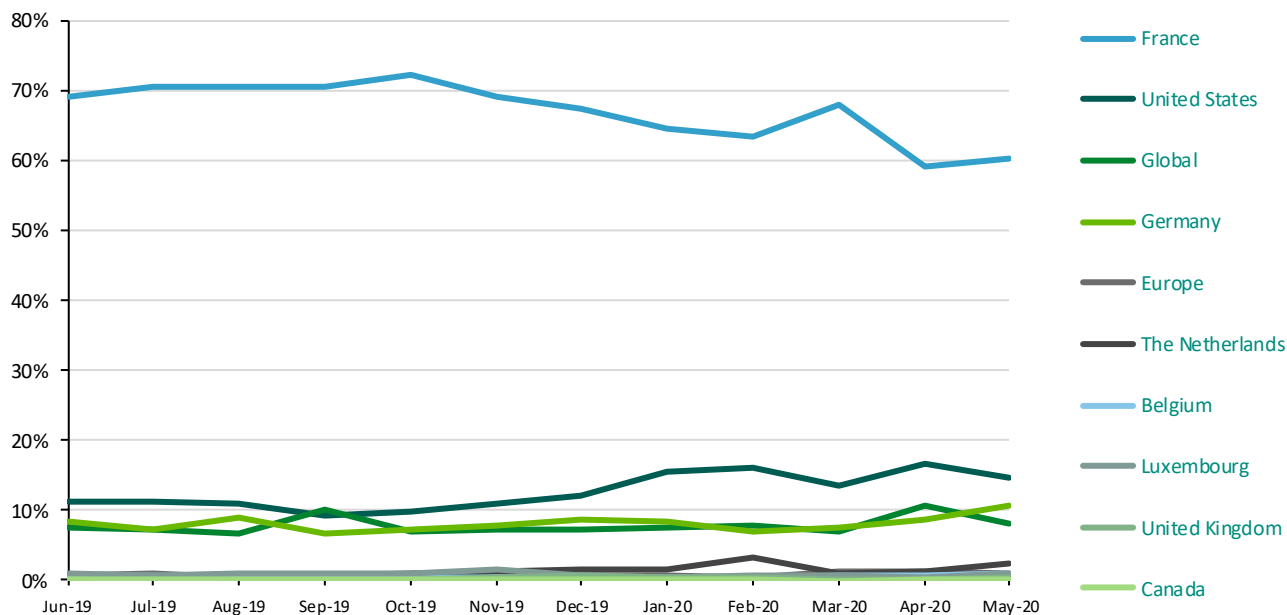
## Market Trend: Value traded

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

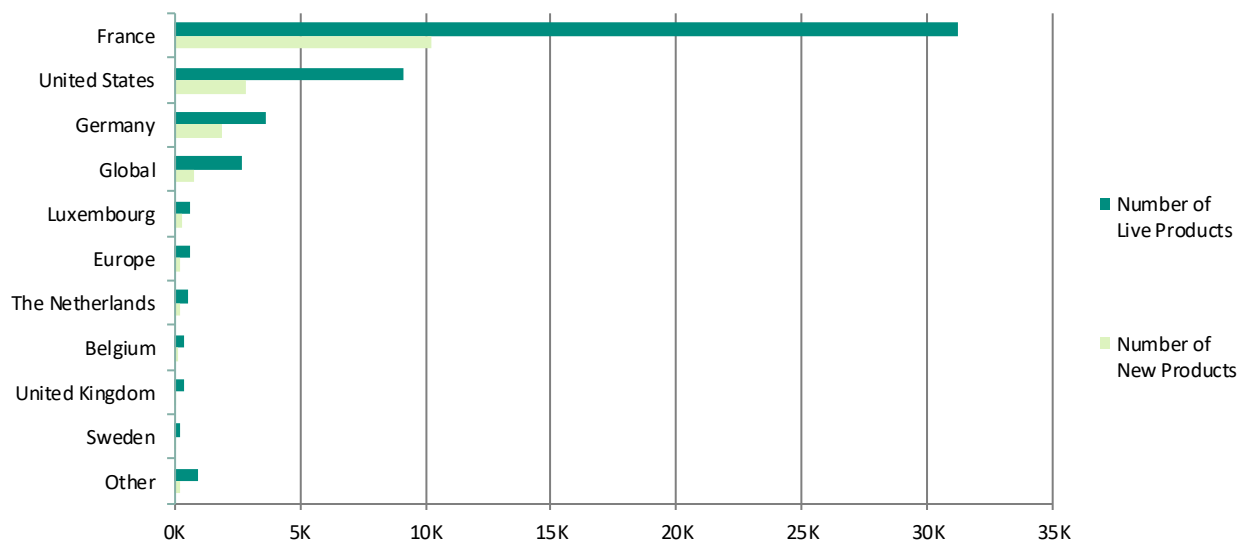
## Product Overview

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	31,232	2.0%	-3.4%	62.1%	10,241	-5.9%	-14.4%	60.8%
United States	9,116	4.8%	-3.6%	18.1%	2,877	-28%	-15.5%	17.1%
Germany	3,637	15.7%	8.5%	7.2%	1,869	16.7%	18.6%	11.1%
Global	2,695	0.2%	2.3%	5.4%	753	-43%	-14.5%	4.5%
Luxembourg	622	8.4%	3.2%	1.2%	279	-9.7%	16.3%	1.7%
Europe	580	-8.9%	14.0%	1.2%	180	13.9%	29%	1.1%
The Netherlands	501	-1.3%	17.7%	1.0%	216	5.4%	14.0%	1.3%
Belgium	415	8.4%	-16.1%	0.8%	99	-18.2%	-18.3%	0.6%
United Kingdom	362	3.5%	-17.0%	0.7%	70	-7.9%	-4.7%	0.4%
Sweden	251	5.8%	12.1%	0.5%	48	-35%	-16.5%	0.3%
Other	915	3.2%	-12.3%	1.8%	217	-15.2%	9.3%	1.3%
<b>Total</b>	<b>50,327</b>	<b>3.2%</b>	<b>-2.3%</b>	<b>100%</b>	<b>16,849</b>	<b>-11.3%</b>	<b>-10.6%</b>	<b>100%</b>

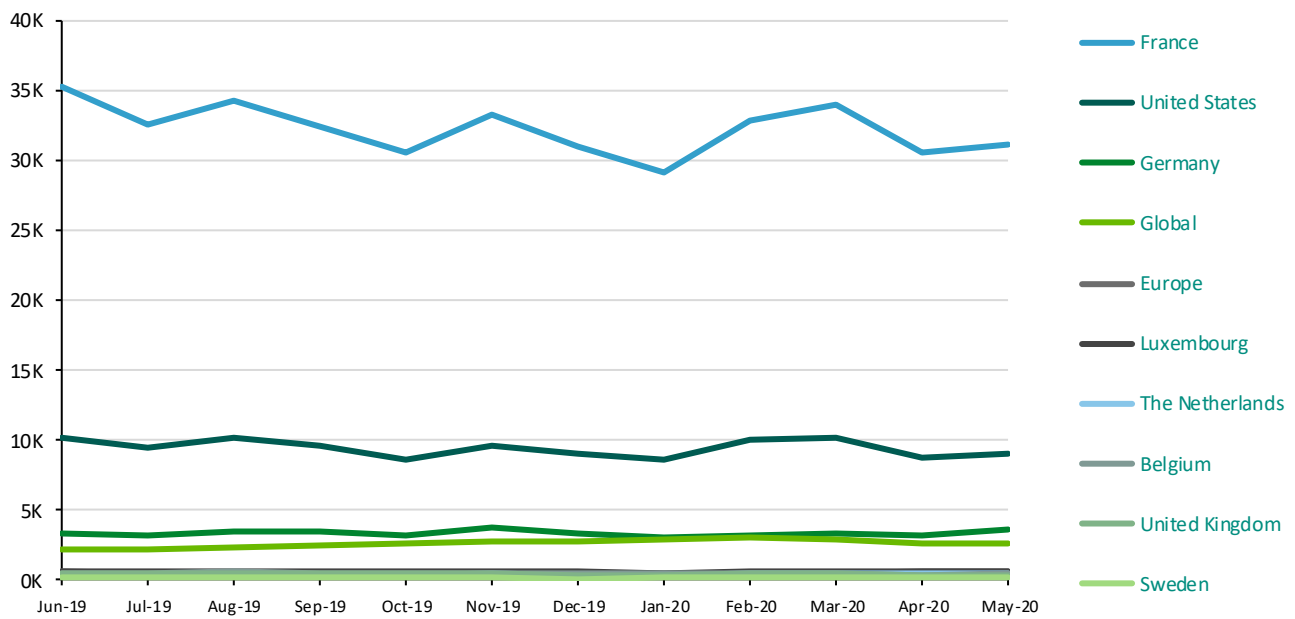
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

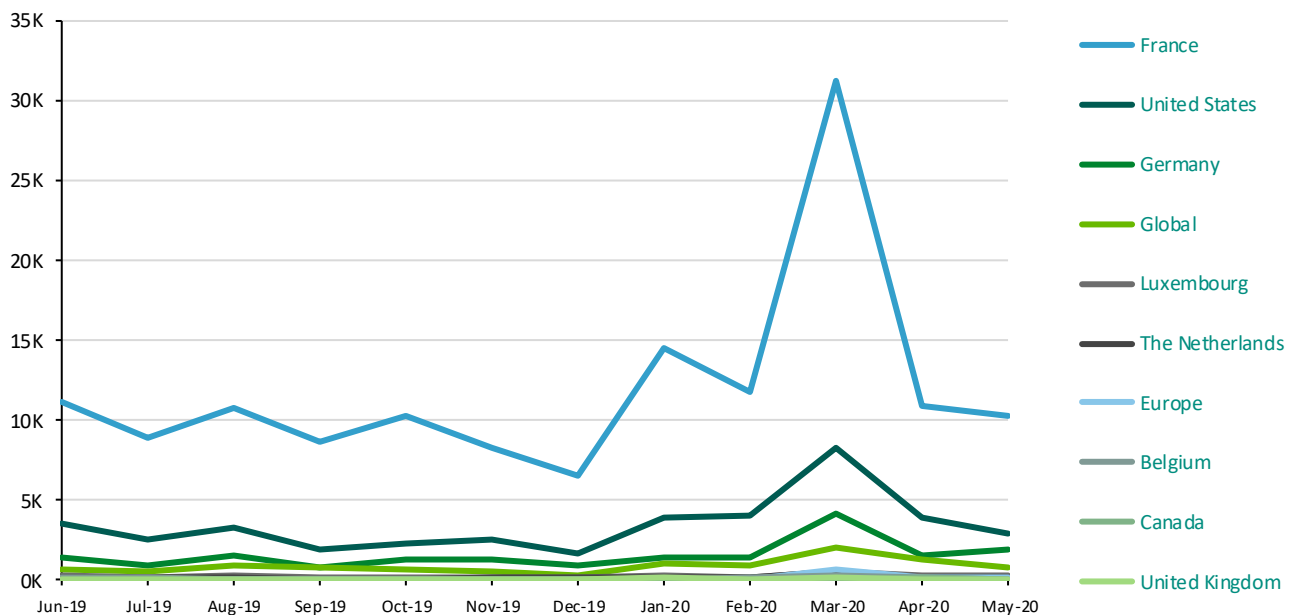
## Product Trend: Number of Live Products

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

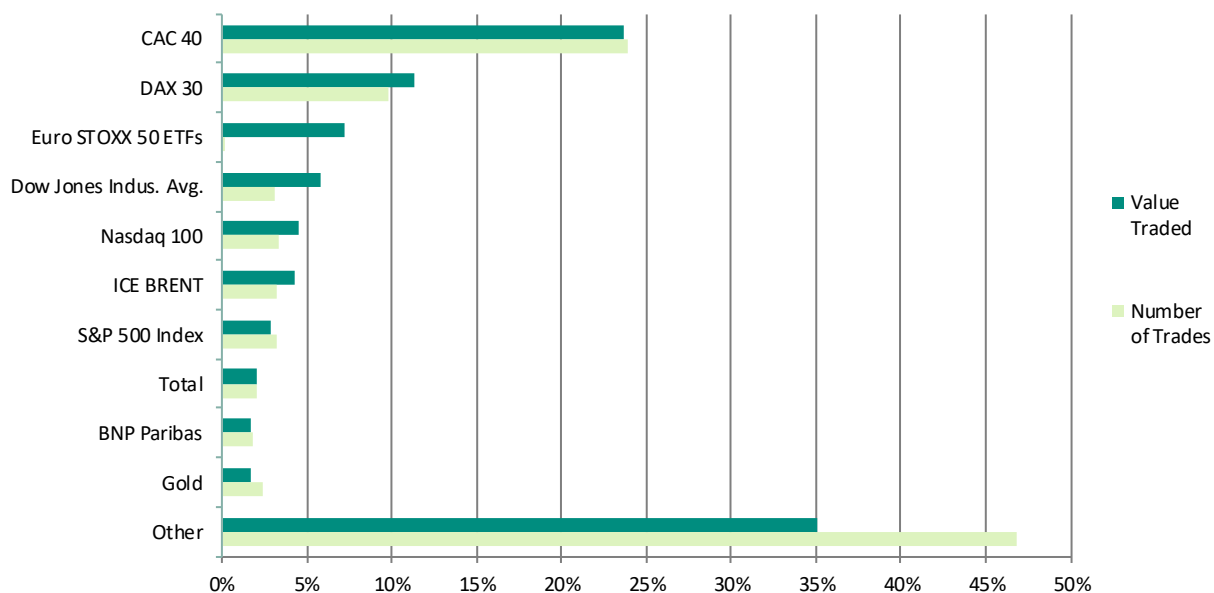
## Market Overview

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
CAC 40	5,847	-23%	20%	23.7%	2,112	-11.9%	15.2%	23.9%
DAX 30	2,791	31%	167%	11.3%	867	15.6%	96%	9.8%
Euro STOXX 50 ETFs	1,770	-36%	85%	7.2%	15	-55%	14.9%	0.2%
Dow Jones Indus. Avg.	1,430	-22%	95%	5.8%	272	-24%	45%	3.1%
Nasdaq 100	1,110	41%	141%	4.5%	294	65%	84%	3.3%
ICE BRENT	1,058	-15.2%	241%	4.3%	287	-55%	76%	3.3%
S&P 500 Index	713	-26%	127%	2.9%	287	-22%	121%	3.3%
Total	492	-3.3%	136%	2.0%	184	-32%	84%	2.1%
BNP Paribas	429	29%	253%	1.7%	165	-6.9%	212%	1.9%
Gold	422	-20%	22%	1.7%	210	-3.2%	63%	2.4%
Other	8,658	-0.6%	34%	35.0%	4,132	-0.6%	53%	46.8%
Total	24,719	-9.6%	55.9%	100%	8,824	-7.5%	49.4%	100%

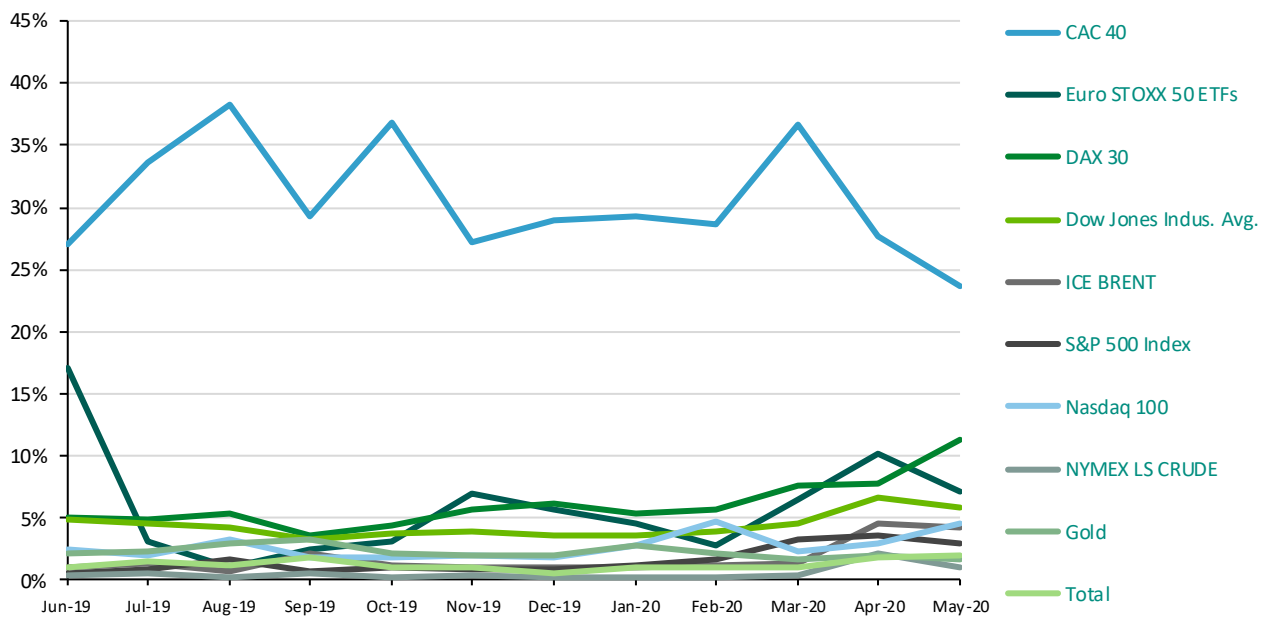
(Source Euronext)



# TOP 10 UNDERLYINGS

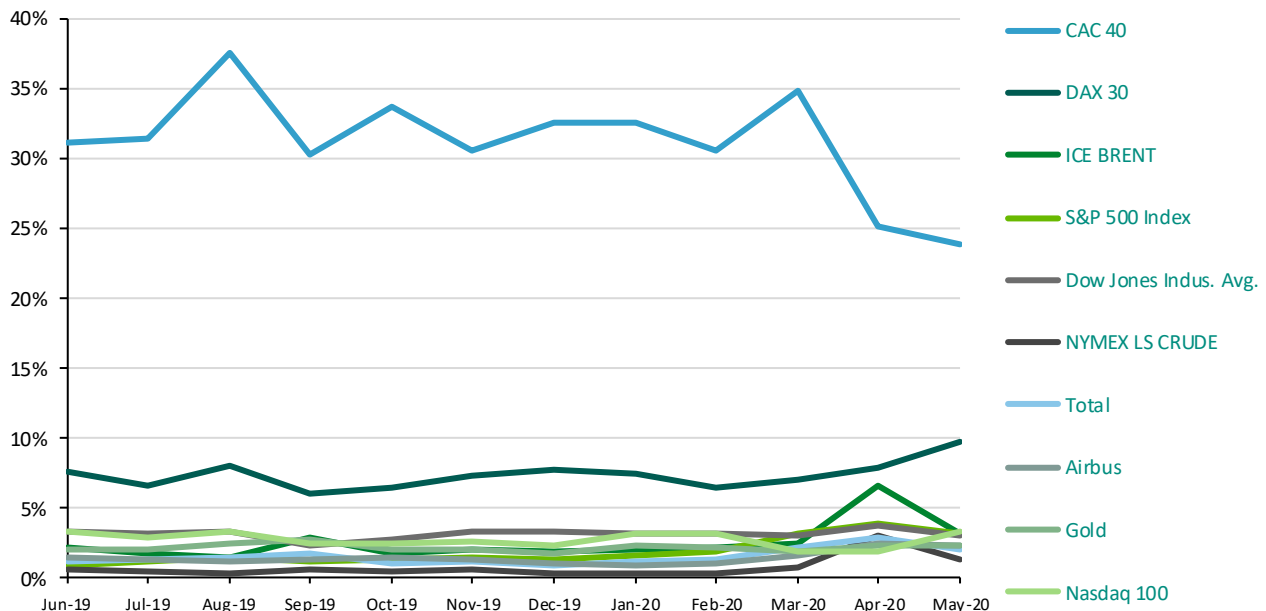
## Market Trend: Value traded

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

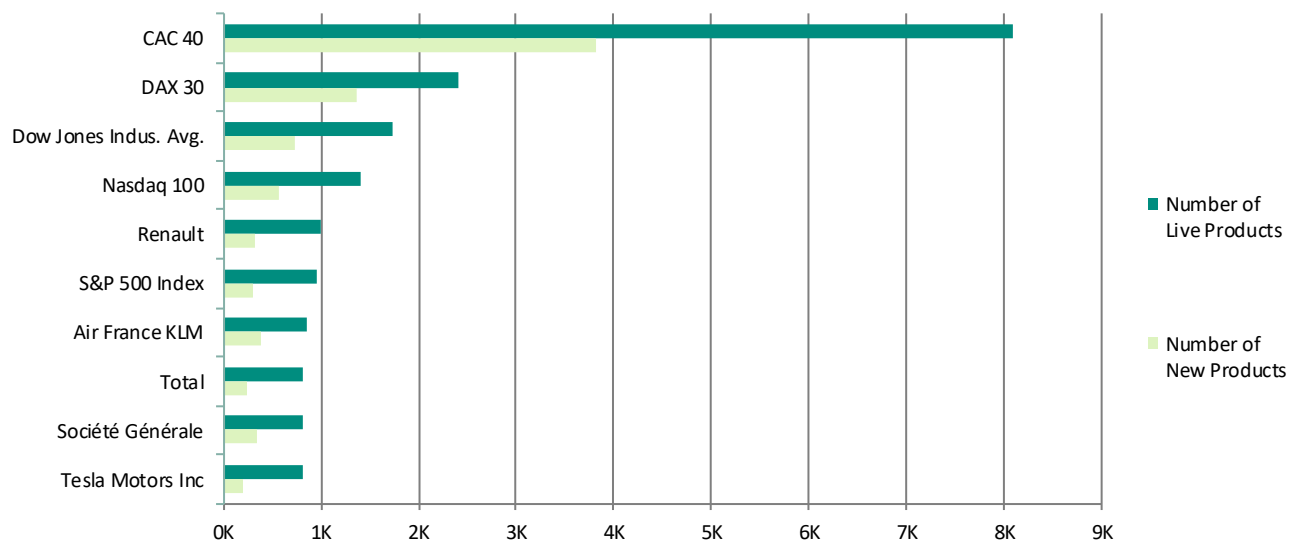
## Product Overview

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	8,085	-2.5%	15.0%	16.1%	3,816	14.8%	-13.3%	22.6%
DAX 30	2,409	16.9%	21%	4.8%	1,373	16.2%	14.8%	8.1%
Dow Jones Indus. Avg.	1,723	9.2%	22%	3.4%	741	-30%	-11.7%	4.4%
Nasdaq 100	1,398	7.2%	6.1%	2.8%	568	-11.8%	-17.6%	3.4%
Renault	1,003	-0.4%	7.9%	2.0%	321	15.9%	-14.8%	1.9%
S&P 500 Index	953	4.3%	2.6%	1.9%	295	-15.0%	-25%	1.8%
Air France KLM	851	-1.2%	-12.2%	1.7%	390	114%	3.6%	2.3%
Total	815	9.6%	1.8%	1.6%	241	-13.3%	-22%	1.4%
Société Générale	813	3.4%	0.0%	1.6%	334	4.7%	15.6%	2.0%
Tesla Motors Inc	812	4.4%	21%	1.6%	194	-41%	-33%	1.2%
Other	31,464	3.4%	-9.2%	62.5%	8,576	-22%	-11.4%	50.9%
Total	50,327	3.2%	-2.3%	100%	16,849	-11.3%	-10.6%	100%

(Source Euronext)

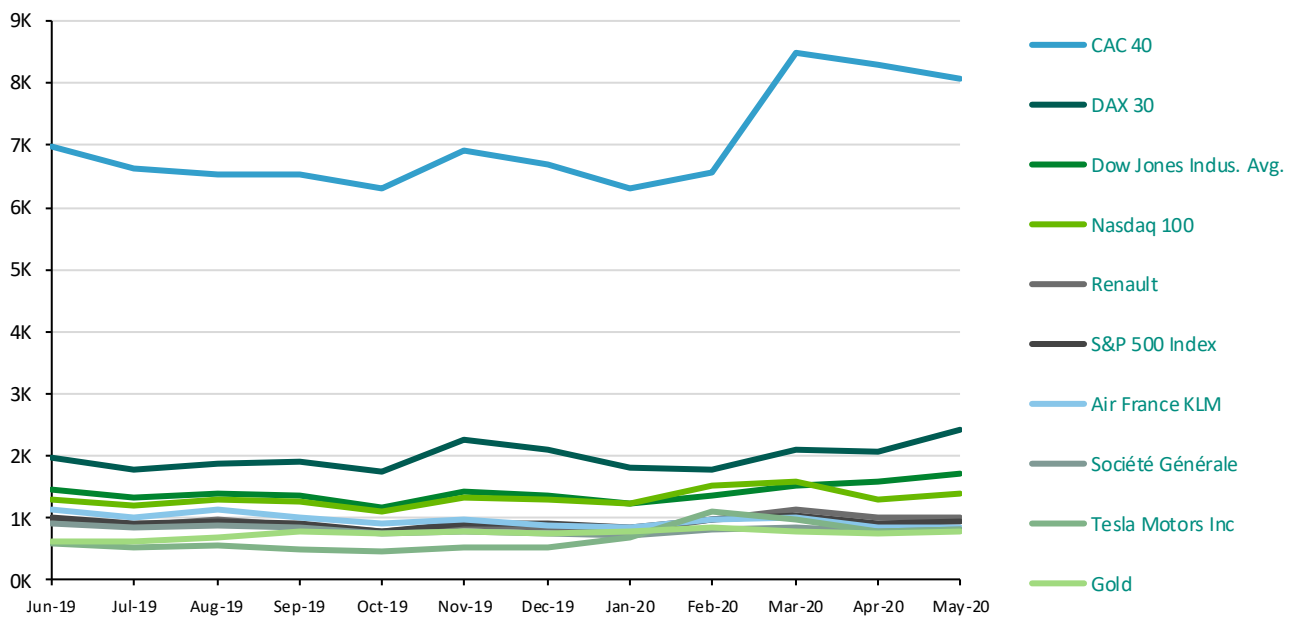




# TOP 10 UNDERLYINGS

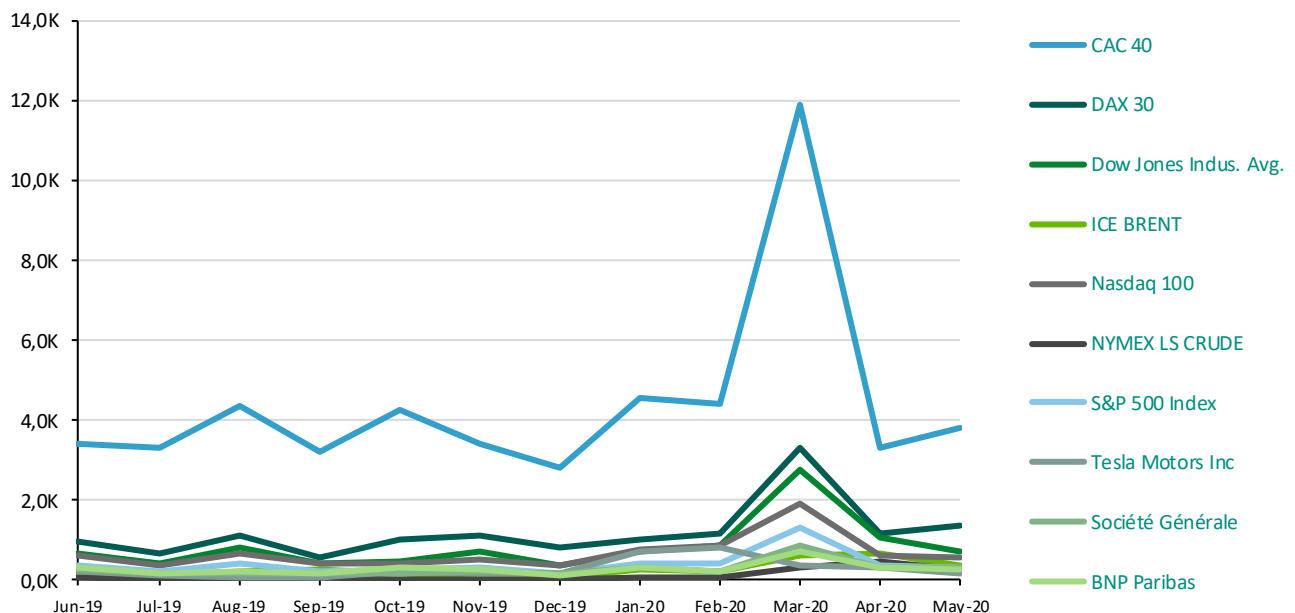
## Product Trend: Number of Live Products

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
NL0013666233	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	26,146	112
NL0013666225	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	5,374	101
DE000CL5AN89	Société Générale	2300   Constant Leverage Certificate	CAC 40	3,234	790
NL0013920580	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	3,220	17
FR0010961078	Société Générale	2300   Constant Leverage Certificate	CAC 40 x5 Leverage Index	2,815	540
DE000CL1GL89	Société Générale	2300   Constant Leverage Certificate	CAC 40	2,459	845
DE000CL5AN63	Société Générale	2300   Constant Leverage Certificate	DAX 30	2,212	87
DE000CL5CGS6	Société Générale	2100   Warrants	Renault	2,173	136
DE000VP3GRZ7	Vontobel	2205   Open-End Knock-Out Warrants	S&P 500 Index	2,150	188
FRBNPP01JJ27	BNP Paribas	2210   Mini-Futures	CAC 40	2,075	94
FRBNPP01JMP3	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	2,041	606
FRBNPP01N616	BNP Paribas	2205   Open-End Knock-Out Warrants	ICE BRENT	2,021	129
FRBNPP0195F0	BNP Paribas	2300   Constant Leverage Certificate	DAX 30	1,943	74
FRBNPP01MH16	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,911	127
DE000CL5CP69	Société Générale	2100   Warrants	Unibail-Rodamco	1,909	144
DE000VP3FOW4	Vontobel	2205   Open-End Knock-Out Warrants	DAX 30	1,830	30
FRBNPP01NNG2	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,828	111
DE000VE8MJ00	Vontobel	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,817	55
LU2072952489	Société Générale	2210   Mini-Futures	CAC 40	1,706	28
FRBNPP01LYY6	BNP Paribas	2200   Knock-Out Warrants	Nasdaq 100	1,527	103
FRSGE001AG09	Société Générale	2110   Spread Warrants	CAC 40	1,465	44
FR0013135761	Société Générale	2300   Constant Leverage Certificate	CAC 40 x7 Leverage Index	1,441	579
FRBNPP01I079	BNP Paribas	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,398	70
FRBNPP01FUZ3	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,357	115
FRBNPP01FK36	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,326	294
FRBNPP01JMO6	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	1,278	477
DE000KB1TKM6	Citi	2210   Mini-Futures	CAC 40	1,250	807
DE000CL35X47	Société Générale	2210   Mini-Futures	S&P 500 Index	1,244	270
DE000SR84MR4	Société Générale	2205   Open-End Knock-Out Warrants	ICE BRENT	1,211	122
FRBNPP01LNV5	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,203	422
FRBNPP01MWK7	BNP Paribas	2210   Mini-Futures	CAC 40	1,189	45
FRBNPP01K695	BNP Paribas	2210   Mini-Futures	CAC 40	1,165	168
FRBNPP01NGG6	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,117	80
FRBNPP01H7V4	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,050	27
DE000CL36632	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	1,040	54
DE000CL1GLU2	Société Générale	2300   Constant Leverage Certificate	DAX 30	1,038	353
DE000CL5C7P3	Société Générale	2100   Warrants	Airbus	1,029	116
FRBNPP01N6J3	BNP Paribas	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,025	52
DE000SR9HLT1	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	1,025	150
FRBNPP01ML02	BNP Paribas	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,001	43
FRBNPP01IUZ7	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	999	366
DE000VP2DKR8	Vontobel	2205   Open-End Knock-Out Warrants	Nasdaq 100	978	60
FRBNPP01GT85	BNP Paribas	2210   Mini-Futures	Dow Jones Indus. Avg.	976	84
LU2078616260	Société Générale	2210   Mini-Futures	CAC 40	968	94
FRBNPP01M9G4	BNP Paribas	2210   Mini-Futures	Dow Jones Indus. Avg.	961	28
DE000CL39KL2	Société Générale	2100   Warrants	Total	958	192
DE000CL49LA2	Société Générale	2210   Mini-Futures	CAC 40	954	6
DE000VP2DKN7	Vontobel	2205   Open-End Knock-Out Warrants	Nasdaq 100	953	44
DE000CL36A43	Société Générale	2100   Warrants	Alstom	950	134
FRBNPP01NG57	BNP Paribas	2205   Open-End Knock-Out Warrants	NYMEX LS CRUDE	940	29

(Source Euronext)

# PARIS REAL ESTATE FUTURES CONTRACT



## EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

Euronext's futures contract on real estate proposes an innovative, alternative solution for investors seeking exposure to the Paris real estate market without the constraints of physical investment.

The contract is based on the PARISSQM index, a new reference price for Paris Residential Real Estate, created by Compass Financial Technologies and Kalstone, which has been live since May 2018.

Based solely on real transaction data, the index is published every two weeks with a six-week lag and quoted in euro per square metre.

The Compass Kalstone Paris Residential Property Index has been designed to provide a responsive and consistent benchmark for typical transacted prices in the residential real estate market.

### ABOUT THE INDEX

- The first investable benchmark to replicate the evolution of Paris real estate housing prices
- Based on a proprietary methodology using central tendency, stratification and noise filtering techniques
- Published every two weeks with a lag of six weeks. Index value represents the observed transacted price per square metre over the specific two-week period.
- The first pure proxy index (per square metre in euro) for the residential real estate market in Paris; based on real transaction data reported by the Paris Notaires Services\*
- More than 10 years data history collected and price evolution available on Bloomberg and Reuters.
- Compass Kalstone is a complementary partnership between financial indices expert Compass and real estate and finance solution provider Kalstone.

### BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

- Develop a flexible and efficient strategy to diversify property or trading portfolios.
- Hedge portfolio price risks with real estate futures
- The index reflects exact actual transactions, allowing investors to have accurate exposure to the real estate market, in a price per square metre
- Counterparty risk mitigation through LCH SA
- Cost efficiency: eliminates the constraints of a physical investment (no public notary required) and much lower capital requirements
- Transparency and liquidity: real-time quotation throughout market opening hours
- Financial leverage and flexibility
- Benefit from movements in housing prices

### Find out more

To find out more about the Paris real estate futures contract, contact the Euronext Commodities team at:

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

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\* All property transactions in France must be made through a 'notaire', a legal specialist who is a public official acting on behalf of the French state.

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