



Warrants & Certificates

# Activity report

Issue 107  
June 2020

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	<b>Euroclear Nederland Instruments</b>	<b>Euroclear Belgium Instruments</b>	<b>Interbolsa Instruments</b>	<b>Euroclear France Instruments</b>	<b>All Instruments</b>
Live products (on 30/06/2020)	29,177	841	1,347	48,544	<b>79,909</b>
New Products	22,057	391	621	15,965	<b>39,034</b>
New Products YTD	109,169	2,736	2,909	141,872	<b>256,686</b>
Value Traded (in €m)	586.6	8.0	46.5	615.9	<b>1,256.9</b>
Value Traded YTD (in €m)	4,029.1	90.1	467.1	3,185.2	<b>7,771.5</b>
Value Traded ADV (in €m)	26.7	0.4	2.1	28.0	<b>57.1</b>
Value Traded YTD ADV (in €m)	31.0	0.7	3.6	24.5	<b>59.8</b>
Number of Trades	198,234	3,680	5,464	186,899	<b>394,277</b>
Number of Trades YTD	1,352,664	34,316	50,457	1,102,117	<b>2,539,554</b>
Number of Trades ADV	9,011	167	248	8,495	<b>17,922</b>
Number of Trades YTD ADV	10,405	264	388	8,478	<b>19,535</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.



All Instruments

# ISSUERS

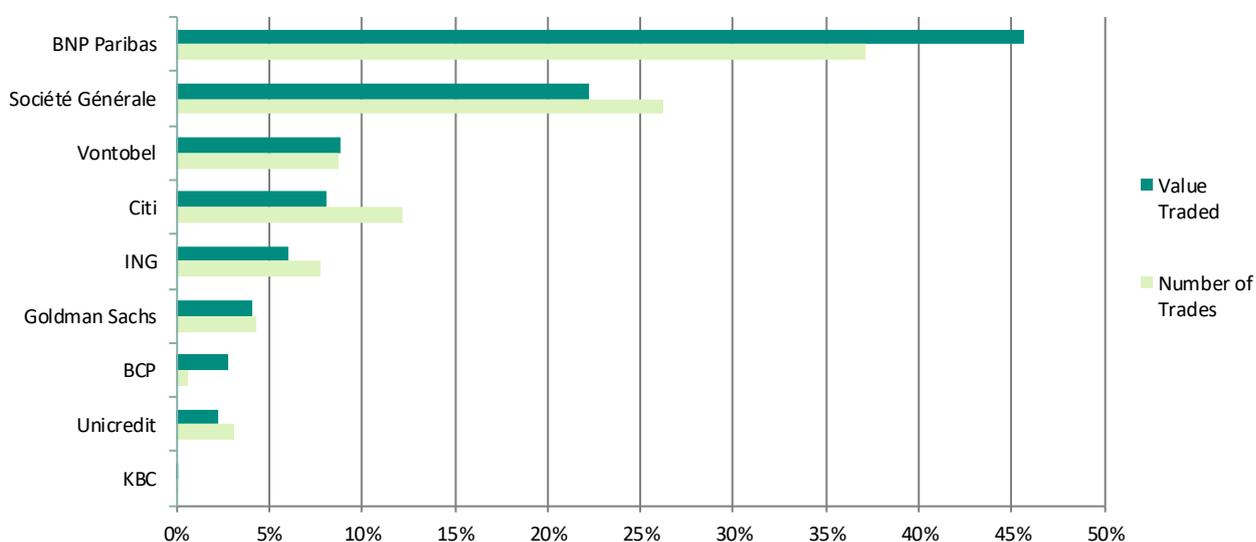
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on all instruments traded on Euronext's pan-European MTF, 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.

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	26,084	6.5%	45%	45.6%	6,660	3.2%	33.8%	37.2%
Société Générale	12,730	2.4%	87%	22.3%	4,701	-12.3%	91.5%	26.2%
Vontobel	5,035	-13.0%	23%	8.8%	1,564	-45.2%	-18.8%	8.7%
Citi	4,613	11.3%	48%	8.1%	2,175	15.3%	34.5%	12.1%
ING	3,434	-31%	-9.7%	6.0%	1,388	-12.0%	1.3%	7.7%
Goldman Sachs	2,326	-5.0%	-16.3%	4.1%	763	-4.1%	-20.3%	4.3%
BCP	1,600	116%	-62%	2.8%	110	65.8%	-60.7%	0.6%
Unicredit	1,298	7.5%	48%	2.3%	561	2.7%	33.2%	3.1%
KBC	23		-93%	0.0%	0.3		-86.0%	0.0%
<b>Total</b>	<b>57,141</b>	<b>1.7%</b>	<b>16.9%</b>	<b>100%</b>	<b>17,922</b>	<b>-8.3%</b>	<b>10.3%</b>	<b>100%</b>

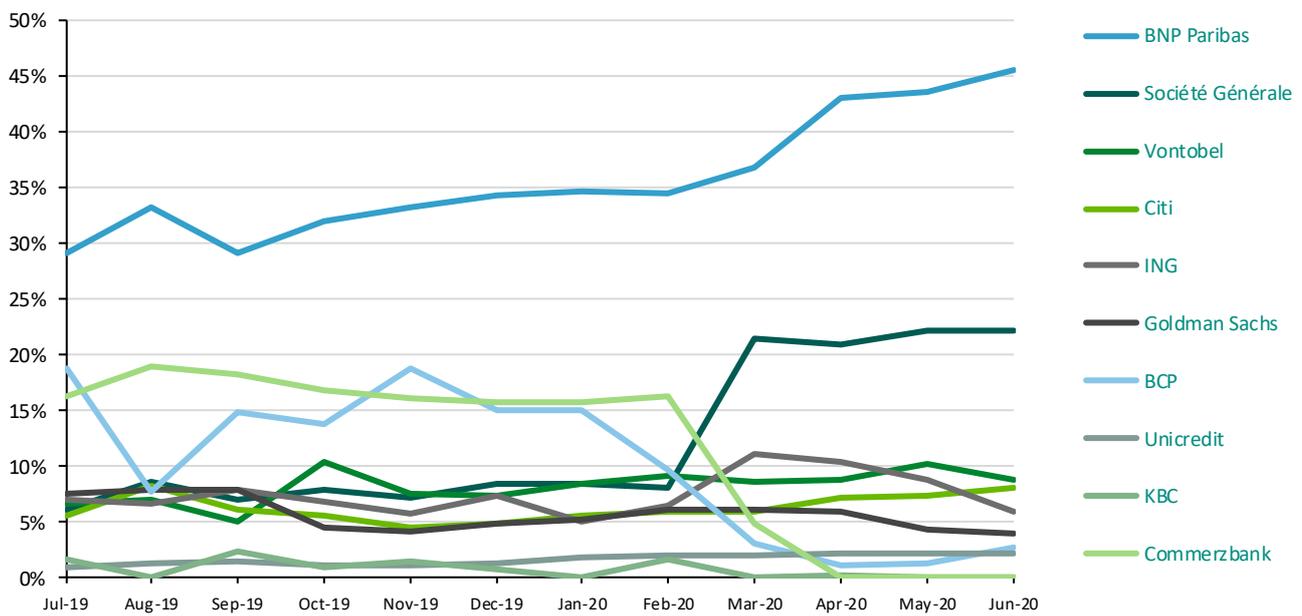
(Source Euronext)



# ISSUERS

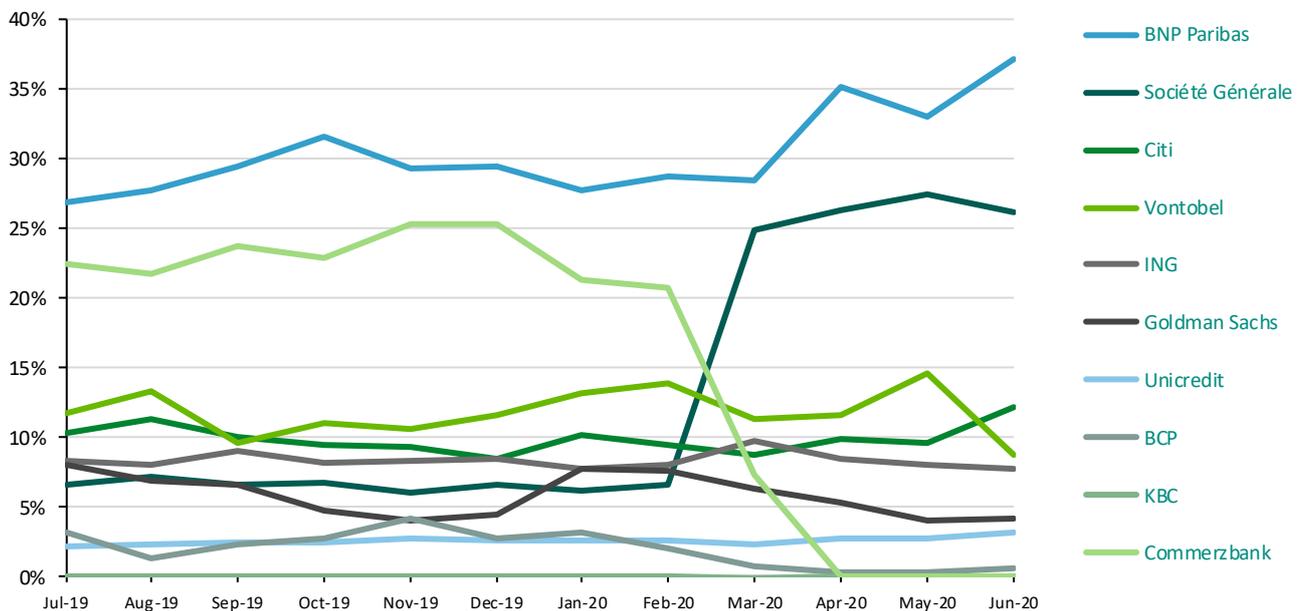
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on all instruments traded on Euronext's pan-European MTF.



## 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 on all instruments traded on Euronext's pan-European MTF.



# ISSUERS

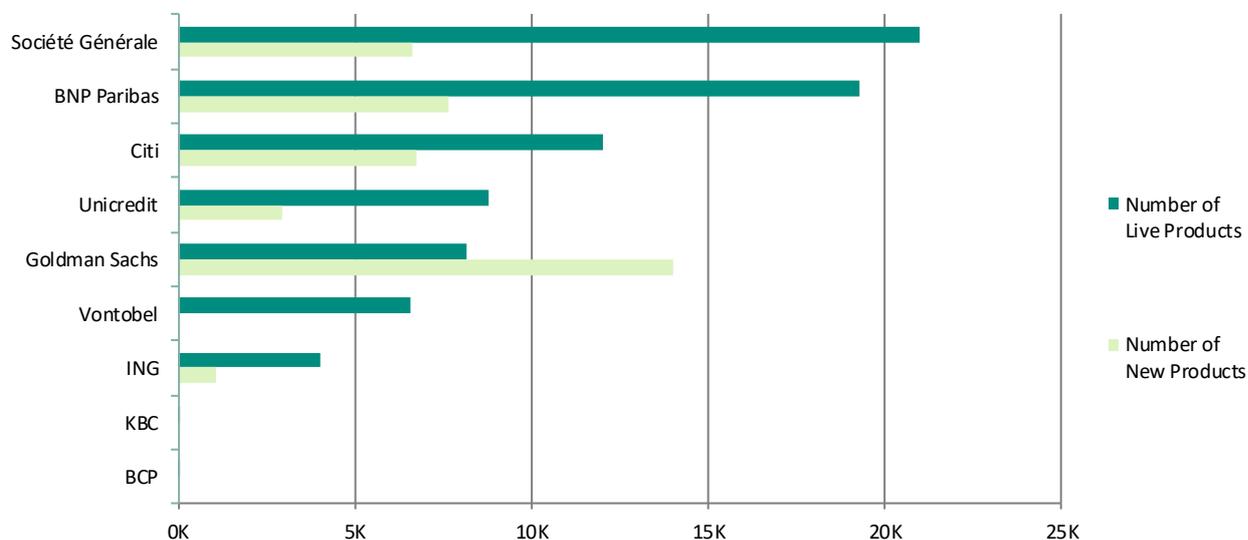
## Product Overview

The table below displays the daily averages of value traded and number of trades per issuer on all instruments traded on Euronext's pan-European MTF, 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.

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	20,976	-4.4%	64%	26.2%	6,624	43%	19.2%	17.0%
BNP Paribas	19,314	-2.6%	23%	24.2%	7,639	27%	25%	19.6%
Citi	12,033	-3.0%	-3.4%	15.1%	6,739	19.2%	38%	17.3%
Unicredit	8,812	-1.8%	-2.1%	11.0%	2,949	14.1%	9.6%	7.6%
Goldman Sachs	8,160	11.0%	15.0%	10.2%	14,026	115%	180%	35.9%
Vontobel	6,588	-17.3%	-4.7%	8.2%	2	-100%	-100%	0.0%
ING	3,996	5.2%	9.4%	5.0%	1,054	91%	25%	2.7%
KBC	25	-18.2%	-7.3%	0.0%	1	0.0%	-64%	0.0%
BCP	14	-5.4%	-26%	0.0%	0			0.0%
<b>Total</b>	<b>79,917</b>	<b>-2.9%</b>	<b>0.7%</b>	<b>100%</b>	<b>39,034</b>	<b>23.1%</b>	<b>20.8%</b>	<b>100%</b>

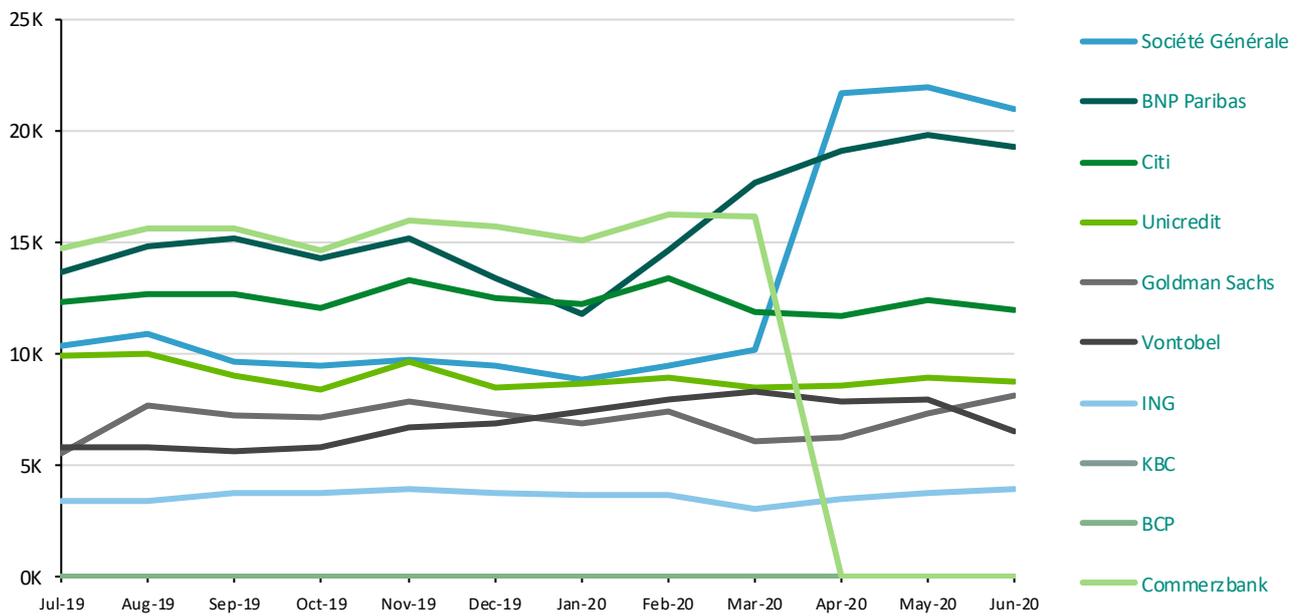
(Source Euronext)



# ISSUERS

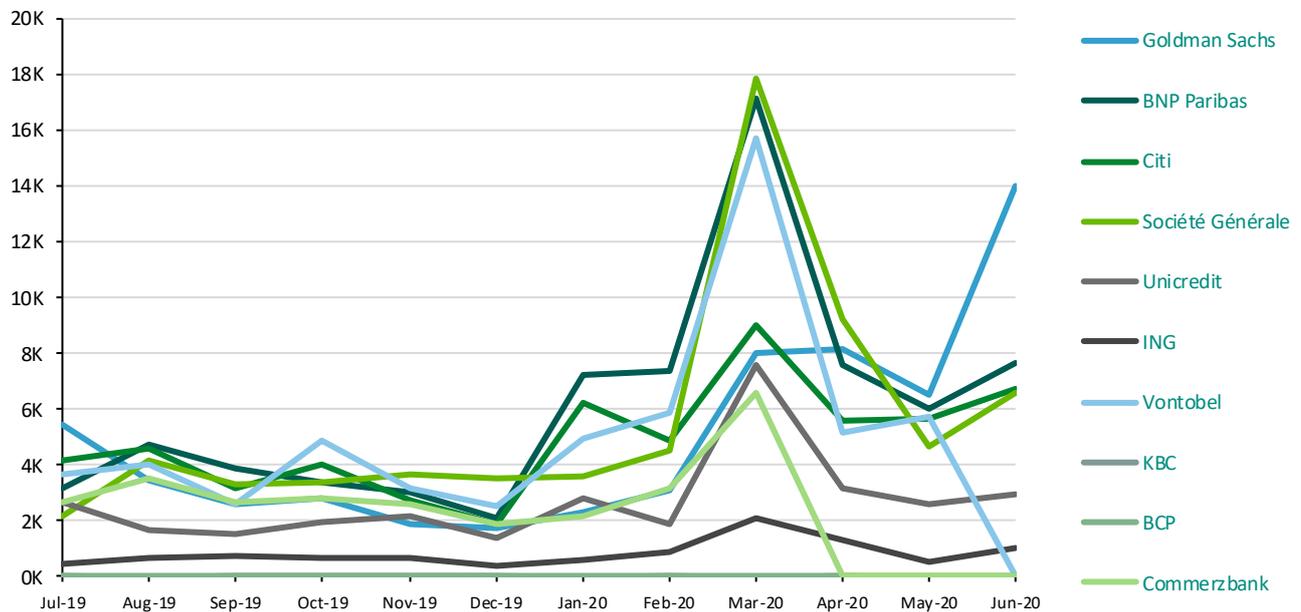
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on all instruments traded on Euronext's pan-European MTF.



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

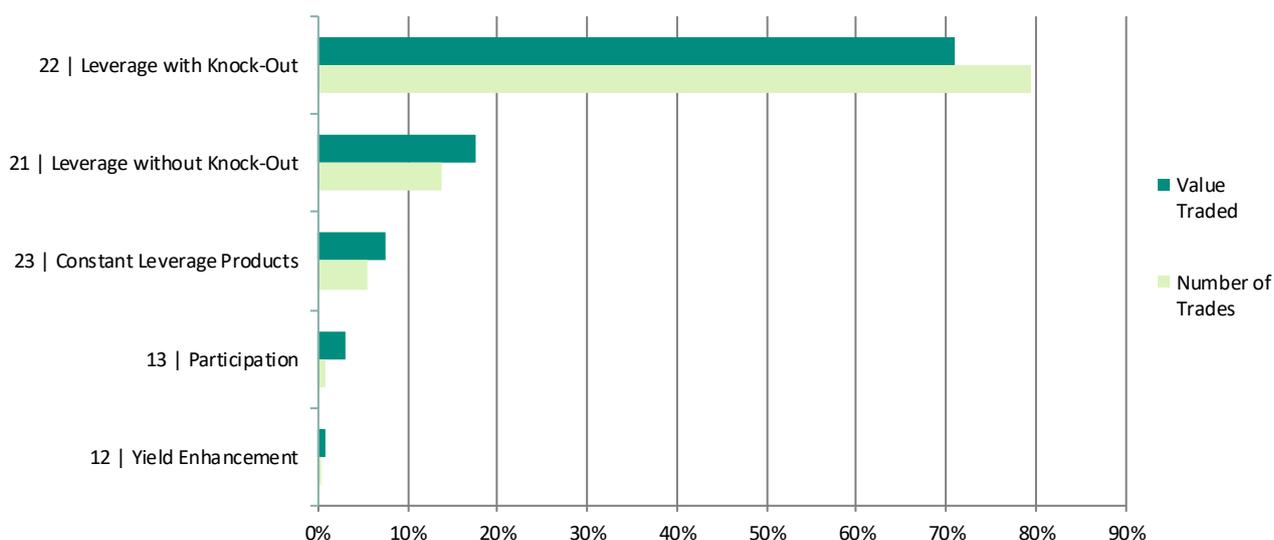
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on all instruments traded on Euronext's pan-European MTF, 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.

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	40,505	-6.1%	18.2%	70.9%	14,231	-12.5%	7.0%	79.4%
21   Leverage without Knock-Out	10,058	12.1%	60%	17.6%	2,477	17.0%	46.8%	13.8%
23   Constant Leverage Products	4,311	53%	61%	7.5%	998	3.9%	23.6%	5.6%
13   Participation	1,810	96%	-62%	3.2%	149	9.2%	-61.4%	0.8%
12   Yield Enhancement	457	36%	-47%	0.8%	68	7.7%	-7.4%	0.4%
<b>Total</b>	<b>57,141</b>	<b>1.7%</b>	<b>16.9%</b>	<b>100%</b>	<b>17,922</b>	<b>-8.3%</b>	<b>10.3%</b>	<b>100%</b>

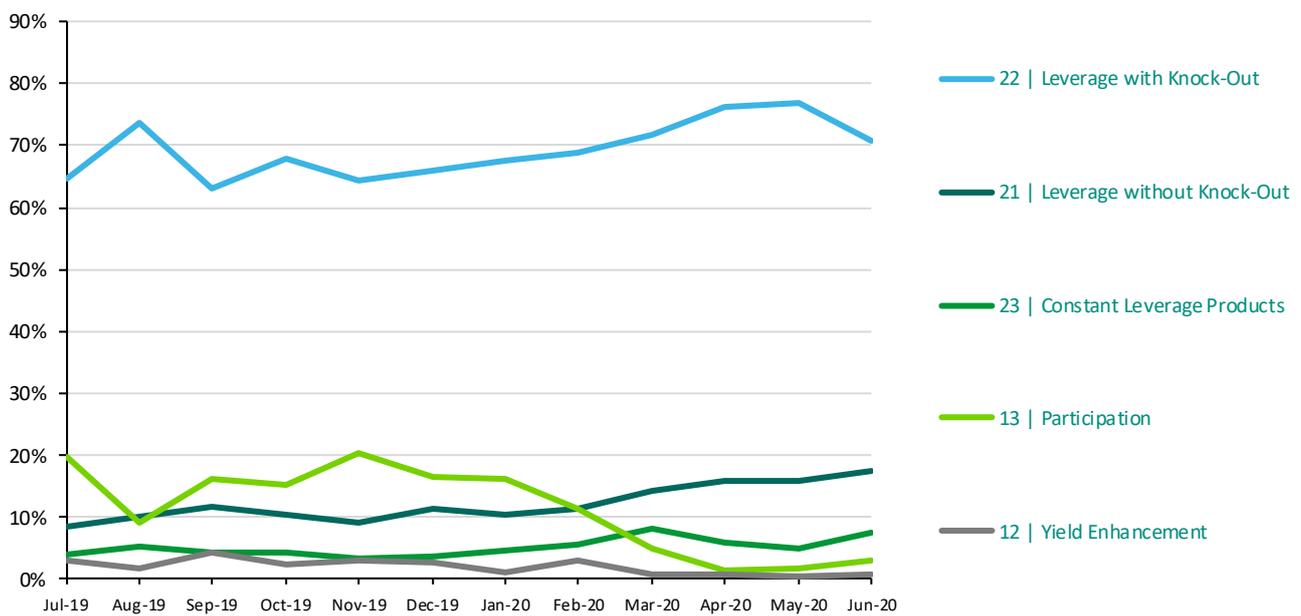
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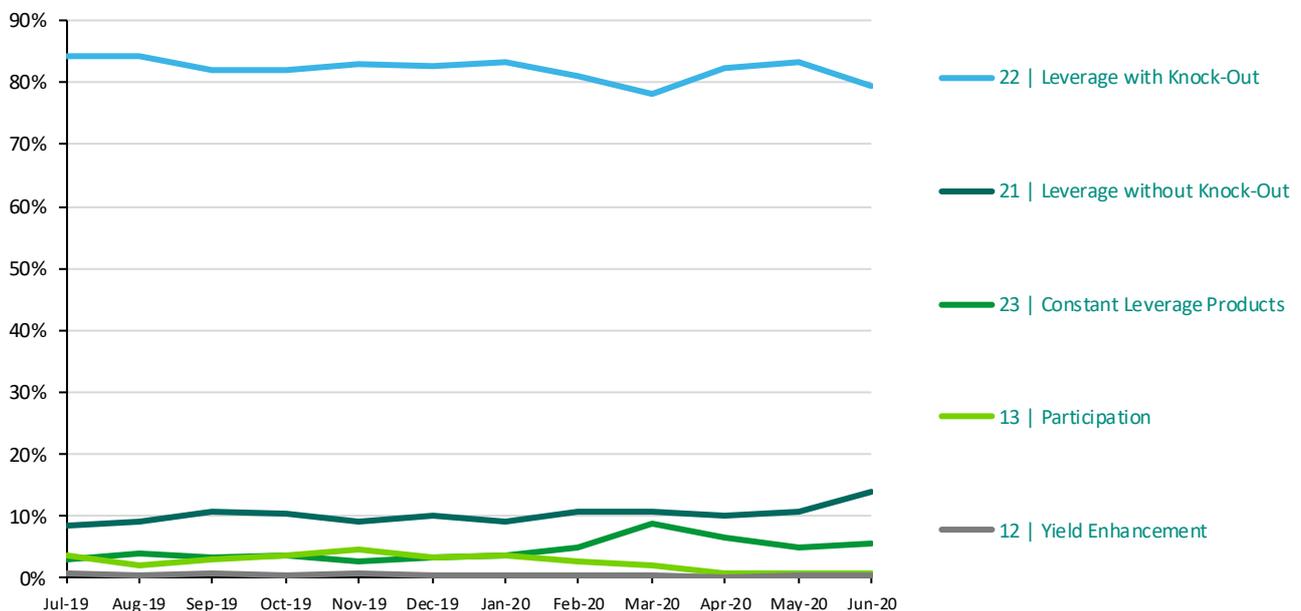
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type on all instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

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

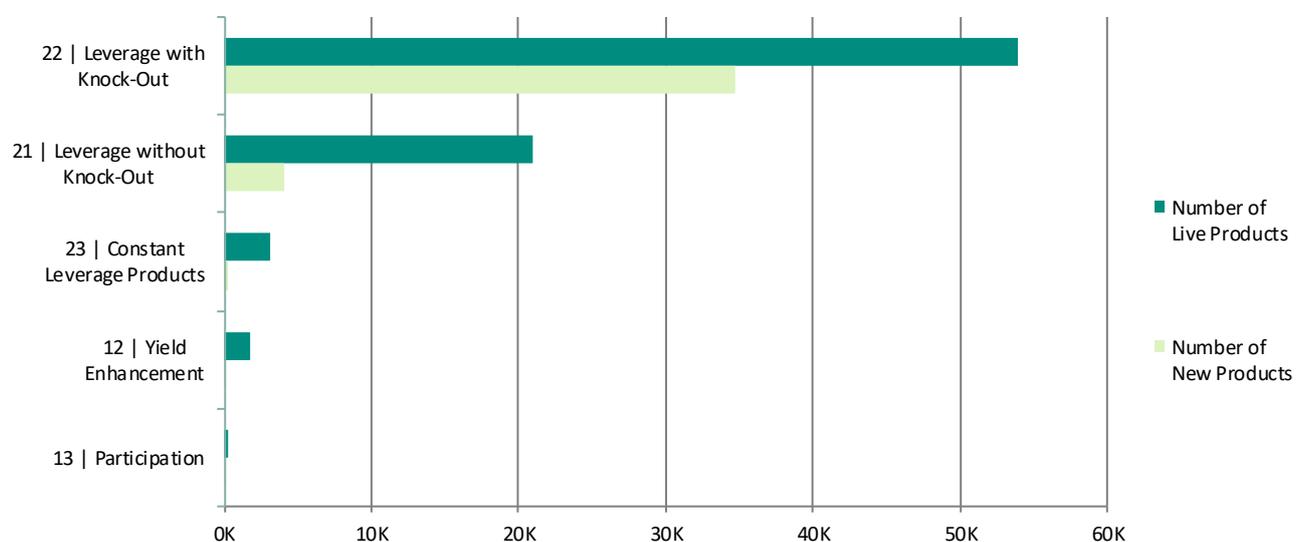
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

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	53,939	-1.9%	5.4%	67.5%	34,756	27%	27%	89.0%
21   Leverage without Knock-Out	20,932	-6.0%	-11.2%	26.2%	3,994	24%	-5.3%	10.2%
23   Constant Leverage Products	3,068	0.4%	26%	3.8%	209	-74%	-51%	0.5%
12   Yield Enhancement	1,696	0.4%	-10.1%	2.1%	67	-77%	-78%	0.2%
13   Participation	283	0.3%	0.8%	0.4%	8	-83%	-69%	0.0%
<b>Total</b>	<b>79,917</b>	<b>-2.9%</b>	<b>0.7%</b>	<b>100%</b>	<b>39,034</b>	<b>23.1%</b>	<b>20.8%</b>	<b>100%</b>

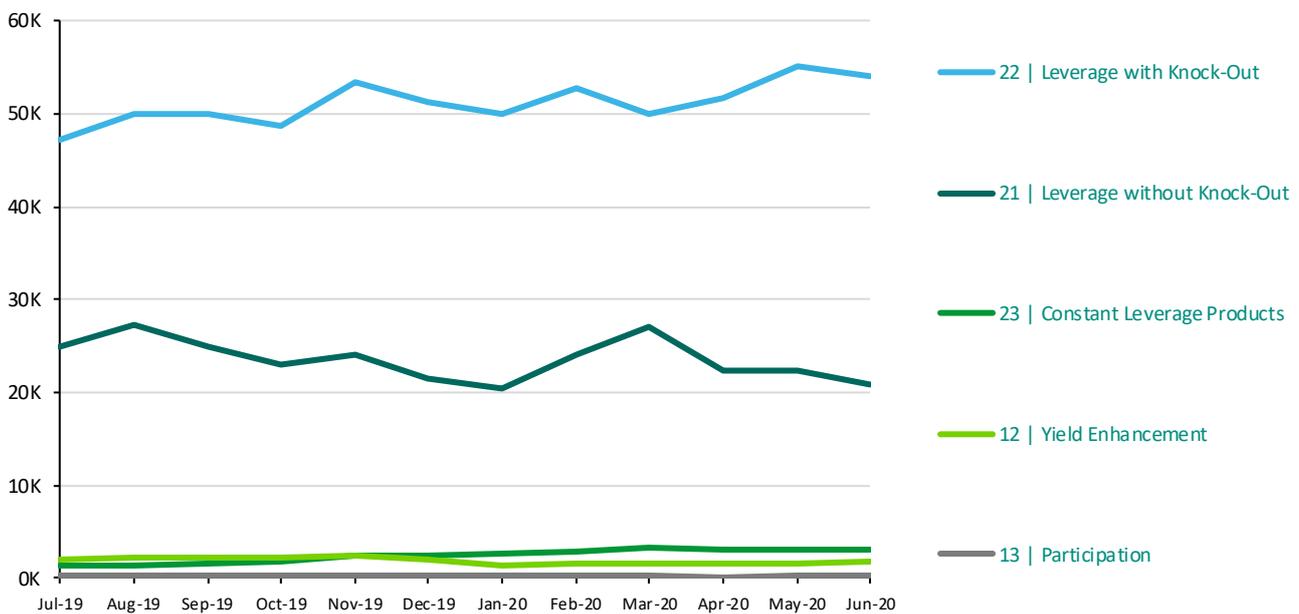
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

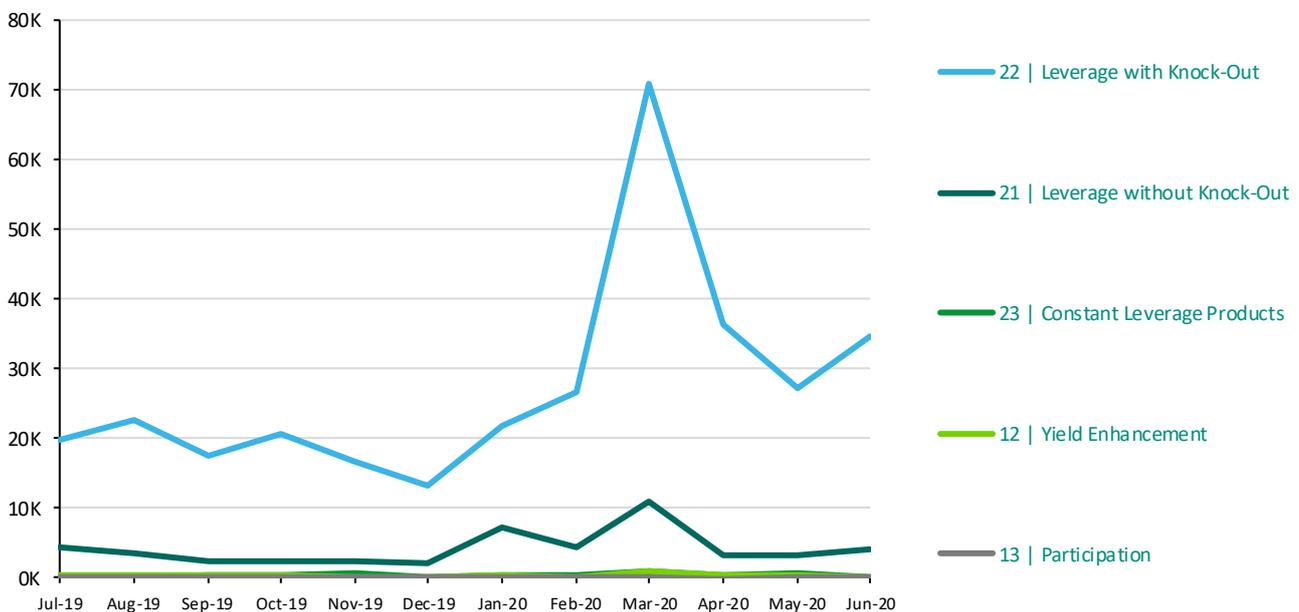
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on all instruments traded on Euronext's pan-European MTF.



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

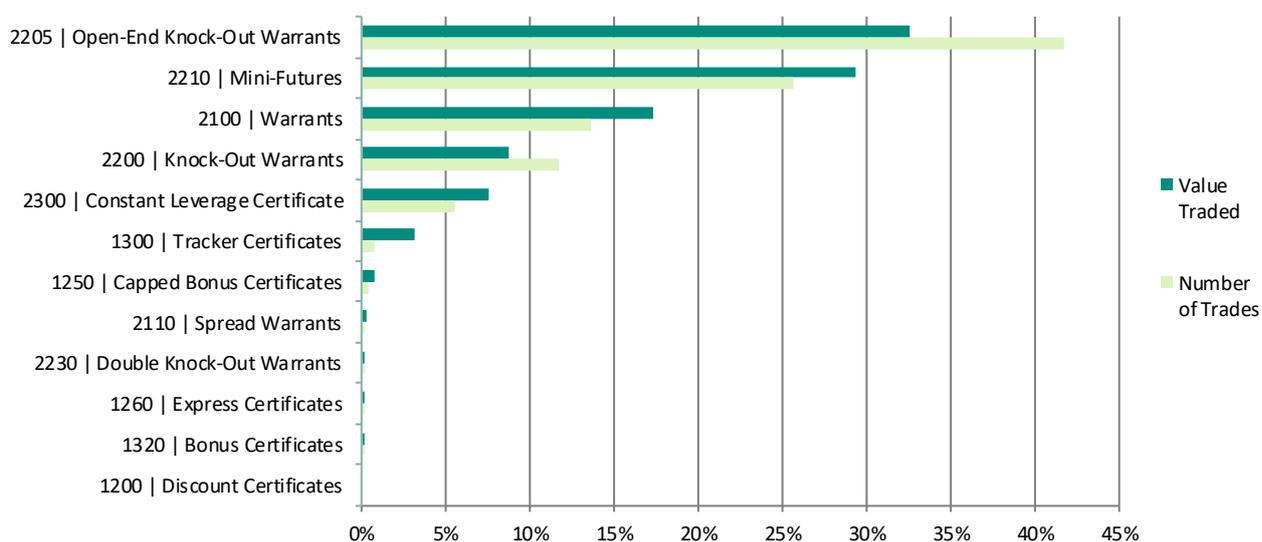
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The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month,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

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	18,606	-5.2%	13.2%	32.6%	7,489	-14.1%	2.4%	41.8%
2210   Mini-Futures	16,815	-3.6%	26%	29.4%	4,610	-11.0%	14.5%	25.7%
2100   Warrants	9,900	11.7%	61%	17.3%	2,440	16.1%	47%	13.6%
2200   Knock-Out Warrants	5,004	-16.4%	15.4%	8.8%	2,099	-10.2%	9.5%	11.7%
2300   Constant Leverage Certificate	4,311	53%	61%	7.5%	998	3.9%	24%	5.6%
1300   Tracker Certificates	1,801	97%	-62%	3.2%	147	10.0%	-62%	0.8%
1250   Capped Bonus Certificates	435	29%	-19.5%	0.8%	67	7.4%	-5.1%	0.4%
2110   Spread Warrants	158	46%	47%	0.3%	37	128%	67%	0.2%
2230   Double Knock-Out Warrants	79	-11.0%	-36%	0.1%	33	-0.8%	-19.3%	0.2%
1260   Express Certificates	23		-93%	0.0%	0.3		-85%	0.0%
1320   Bonus Certificates	9	2.4%	-35%	0.0%	2.0	-29%	-23%	0.0%
1200   Discount Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>57,141</b>	<b>1.7%</b>	<b>16.9%</b>	<b>100%</b>	<b>17,922</b>	<b>-8.3%</b>	<b>10.3%</b>	<b>100%</b>

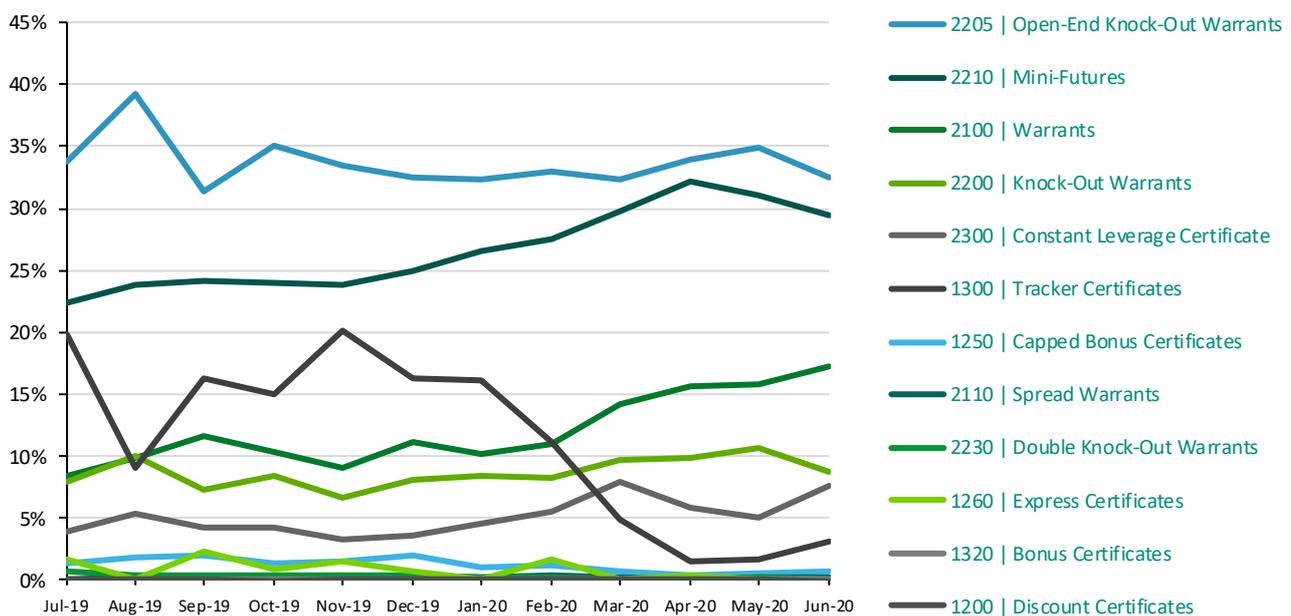
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

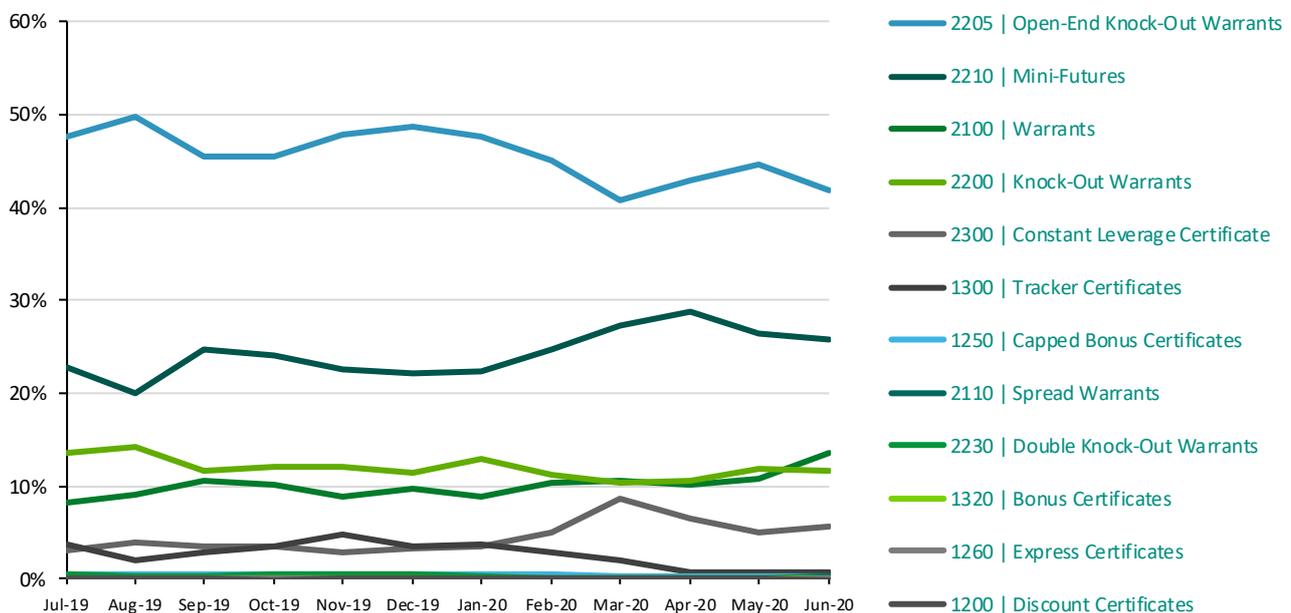
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on all instruments traded on Euronext's pan-European MTF.



## 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 on all instruments traded on Euronext's pan-European MTF.



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

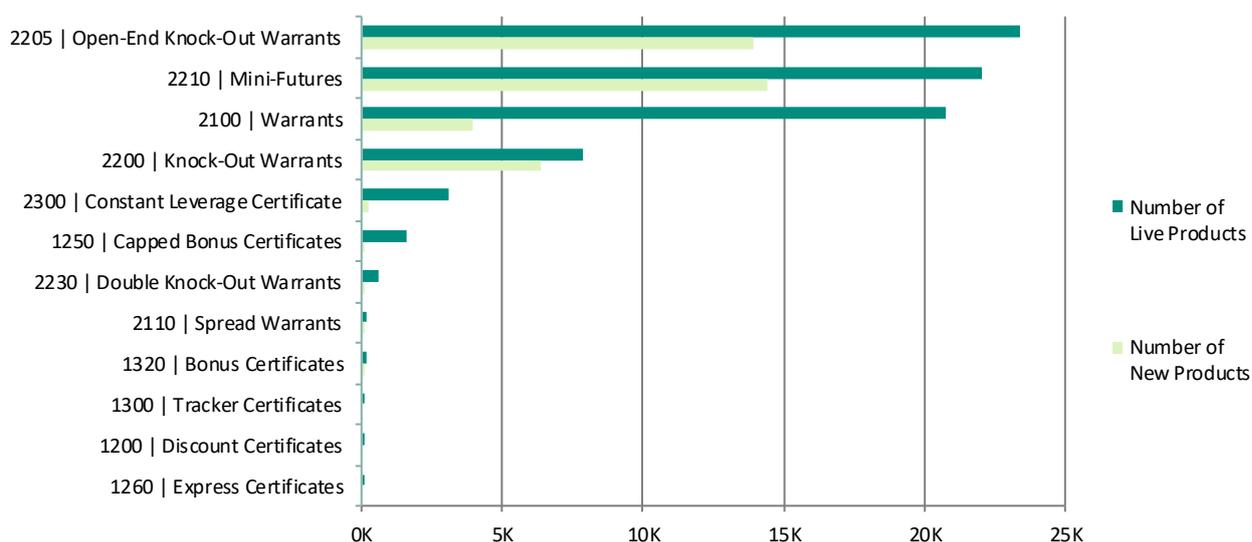
## Product Overview

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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 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	23,416	-1.9%	9.7%	29.3%	13,946	22%	32%	35.7%
2210   Mini-Futures	22,070	-0.4%	7.2%	27.6%	14,439	55%	55%	37.0%
2100   Warrants	20,758	-6.1%	-11.4%	26.0%	3,928	22%	-5.9%	10.1%
2200   Knock-Out Warrants	7,835	-4.9%	-8.2%	9.8%	6,357	0.7%	-11.8%	16.3%
2300   Constant Leverage Certificate	3,068	0.4%	26%	3.8%	209	-74%	-51%	0.5%
1250   Capped Bonus Certificates	1,569	1.5%	-13.0%	2.0%	67	-76%	-77%	0.2%
2230   Double Knock-Out Warrants	617	-18.6%	-11.1%	0.8%	14	-94%	-95%	0.0%
2110   Spread Warrants	174	6.9%	21%	0.2%	66		54%	0.2%
1320   Bonus Certificates	154	10.3%	23%	0.2%	8	-83%	-69%	0.0%
1300   Tracker Certificates	129	-9.4%	-17.3%	0.2%	0	-100%	-100%	0.0%
1200   Discount Certificates	107	-12.4%	48%	0.1%	0	-100%	-100%	0.0%
1260   Express Certificates	20	-2.9%	90%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>79,917</b>	<b>-2.9%</b>	<b>0.7%</b>	<b>100%</b>	<b>39,034</b>	<b>23.1%</b>	<b>20.8%</b>	<b>100%</b>

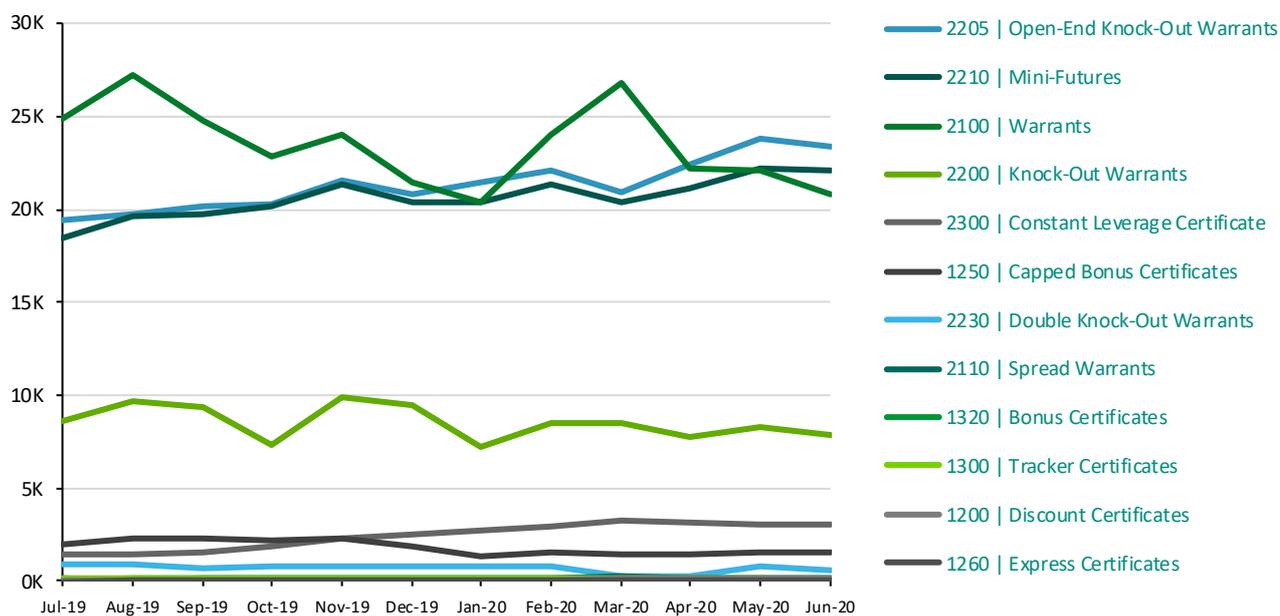
(Source Euronext)



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

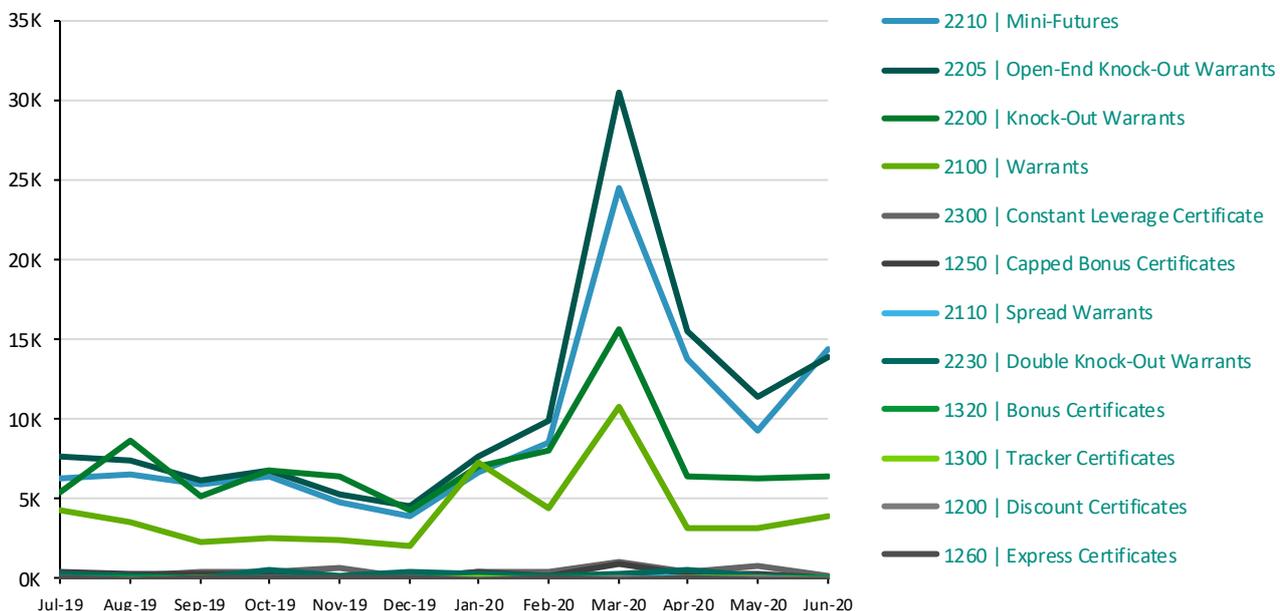
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on all instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

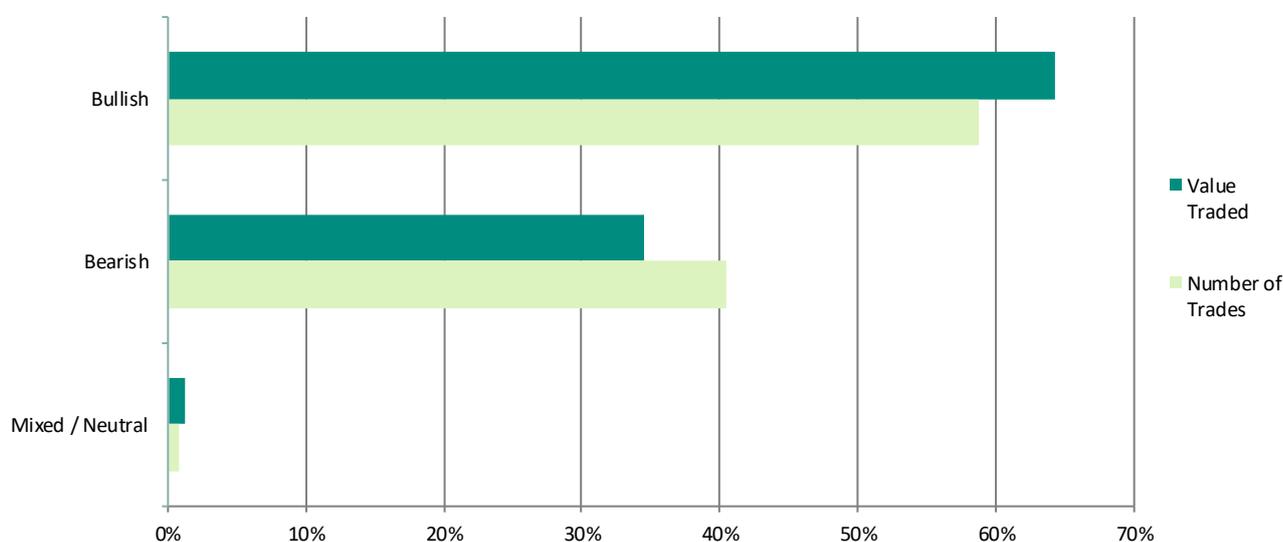
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on all instruments traded on Euronext's pan-European MTF, 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.

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	36,750	1.6%	13.7%	64.3%	10,537	-9.5%	8.0%	58.8%
Bearish	19,726	1.2%	25%	34.5%	7,250	-6.9%	14.0%	40.5%
Mixed / Neutral	665	24%	-15.2%	1.2%	135	17.3%	-1.5%	0.8%
Total	57,141	1.7%	16.9%	100%	17,922	-8.3%	10.3%	100%

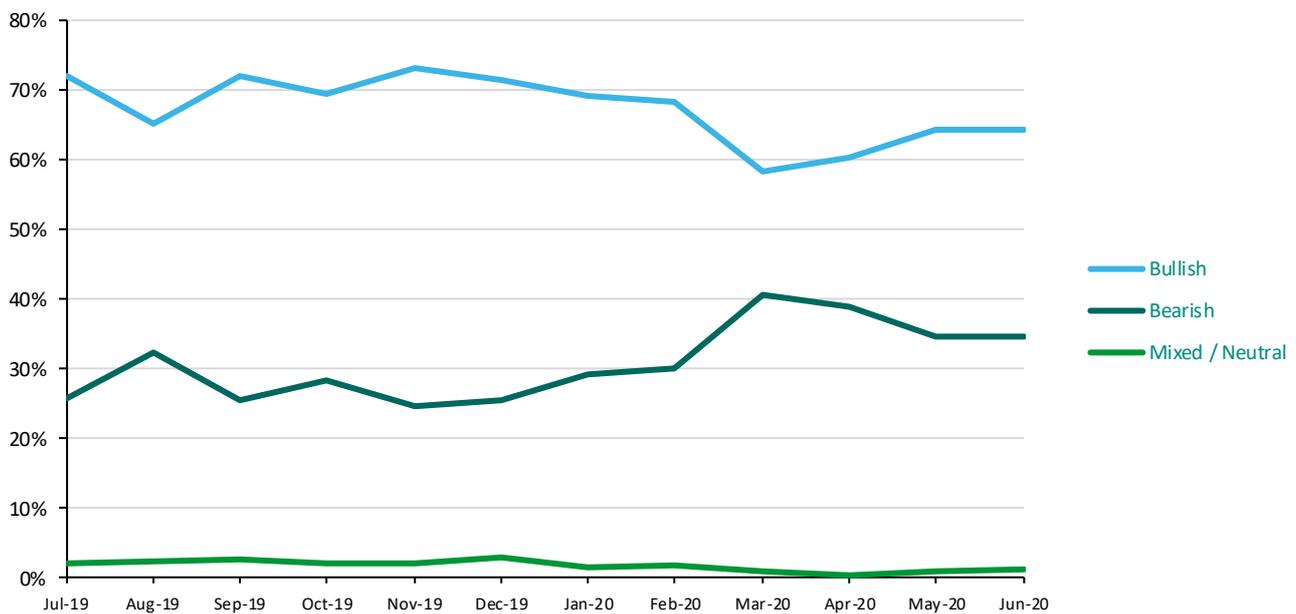
(Source Euronext)



# PRODUCT STRATEGIES

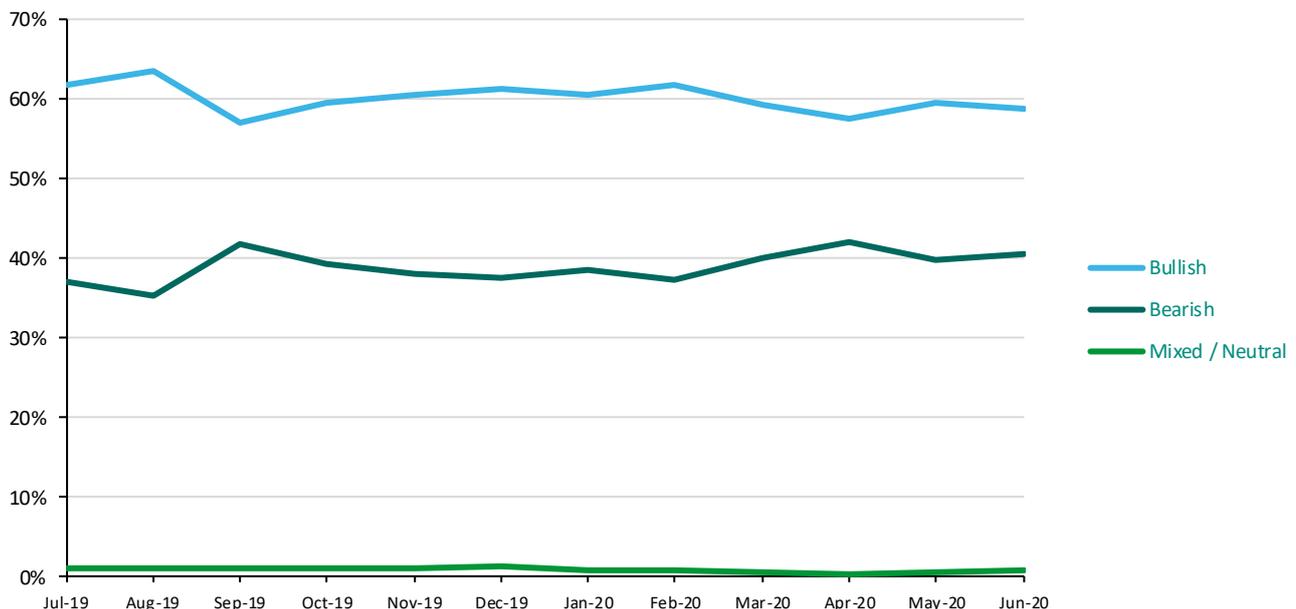
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on all instruments traded on Euronext's pan-European MTF.



## 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 on all instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

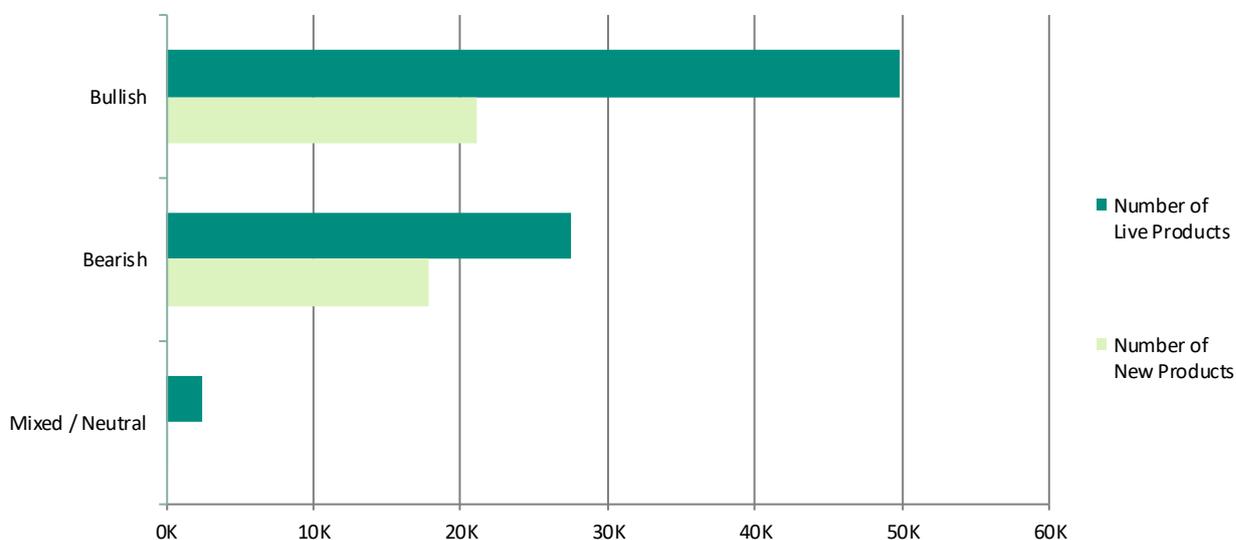
## Product Overview

The table below displays the daily averages of value traded and number of trades per product strategy on all instruments traded on Euronext's pan-European MTF, 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.

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	49,912	6.1%	7.4%	62.5%	21,096	17.8%	18.3%	54.0%
Bearish	27,521	-15.7%	-8.5%	34.4%	17,857	35%	29%	45.7%
Mixed / Neutral	2,484	-6.4%	-11.4%	3.1%	81	-85%	-87%	0.2%
Total	79,917	-2.9%	0.7%	100%	39,034	23.1%	20.8%	100%

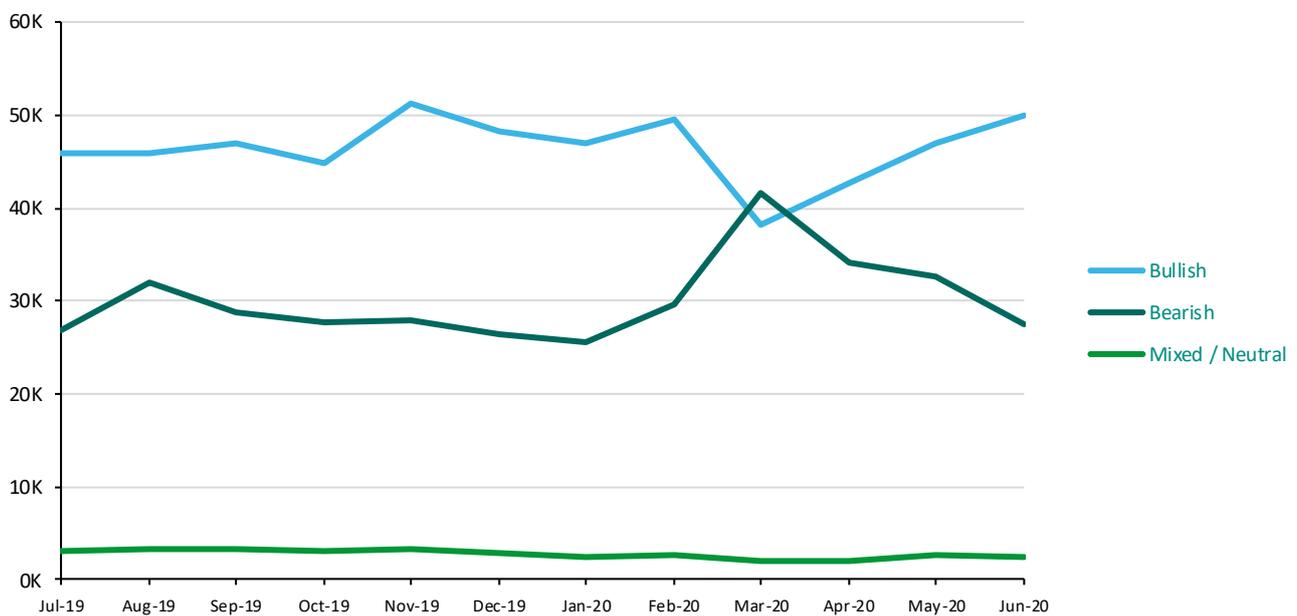
(Source Euronext)



# PRODUCT STRATEGIES

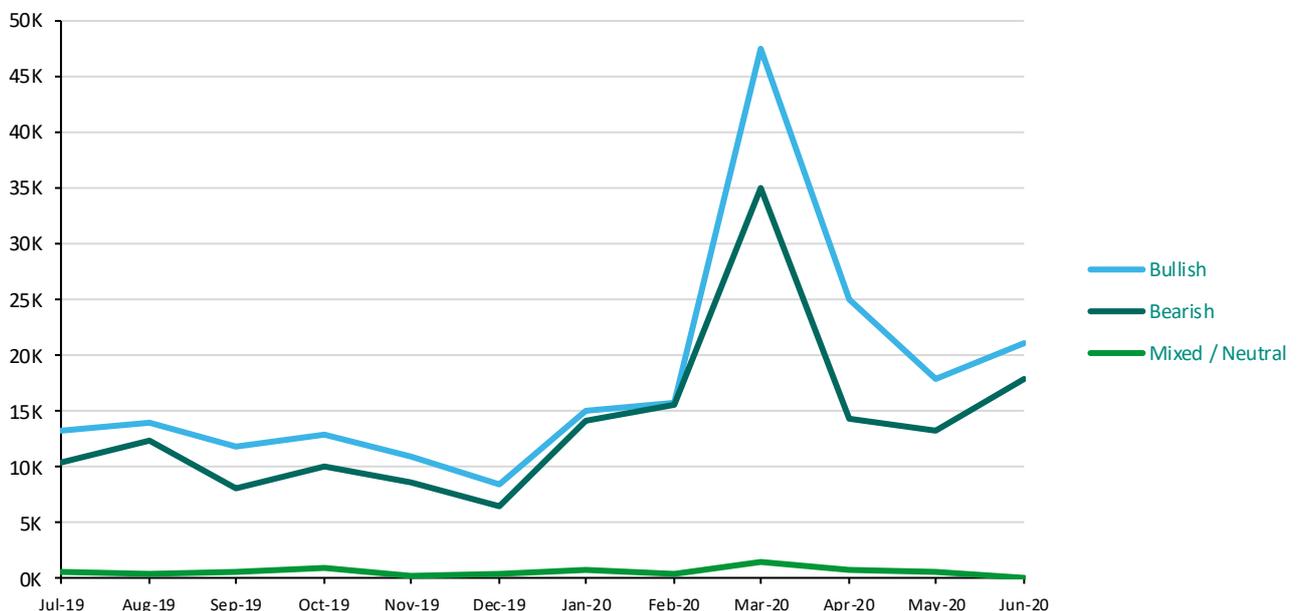
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on all instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

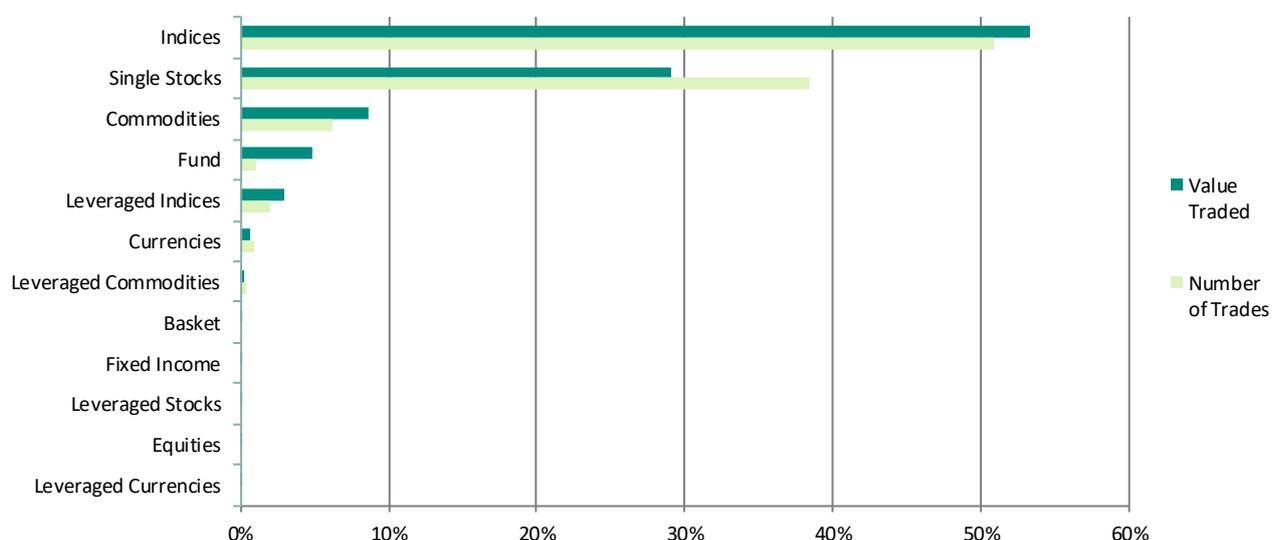
## Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on all instruments traded on Euronext's pan-European MTF, 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.

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	30,483	5.4%	15.2%	53.3%	9,123	-4.1%	9.5%	50.9%
Single Stocks	16,648	6.1%	24%	29.1%	6,895	-8.7%	19.8%	38.5%
Commodities	4,942	-6.9%	12.3%	8.6%	1,108	-25.6%	-16.2%	6.2%
Fund	2,779	-35%	16.0%	4.9%	183	-28.2%	8.2%	1.0%
Leveraged Indices	1,702	75%	23%	3.0%	352	13.9%	-3.9%	2.0%
Currencies	355	-48%	-20.0%	0.6%	172	-40.5%	-15.9%	1.0%
Leveraged Commodities	159	-32%	10.3%	0.3%	69	-38.7%	1.3%	0.4%
Basket	39	-7.8%	-41%	0.1%	1.6	-34.5%	-37.8%	0.0%
Fixed Income	17	-74%	-69%	0.0%	7.0	-58.2%	-66.9%	0.0%
Leveraged Stocks	14	16.9%	-14.8%	0.0%	11	-2.3%	-15.7%	0.1%
Equities	4	102%	-96%	0.0%	0.5	-9.1%	-43.0%	0.0%
Leveraged Currencies	0	-15.7%	-89%	0.0%	0.0	-9.1%	-76.3%	0.0%
<b>Total</b>	<b>57,141</b>	<b>1.7%</b>	<b>16.9%</b>	<b>100%</b>	<b>17,922</b>	<b>-8.3%</b>	<b>10.3%</b>	<b>100%</b>

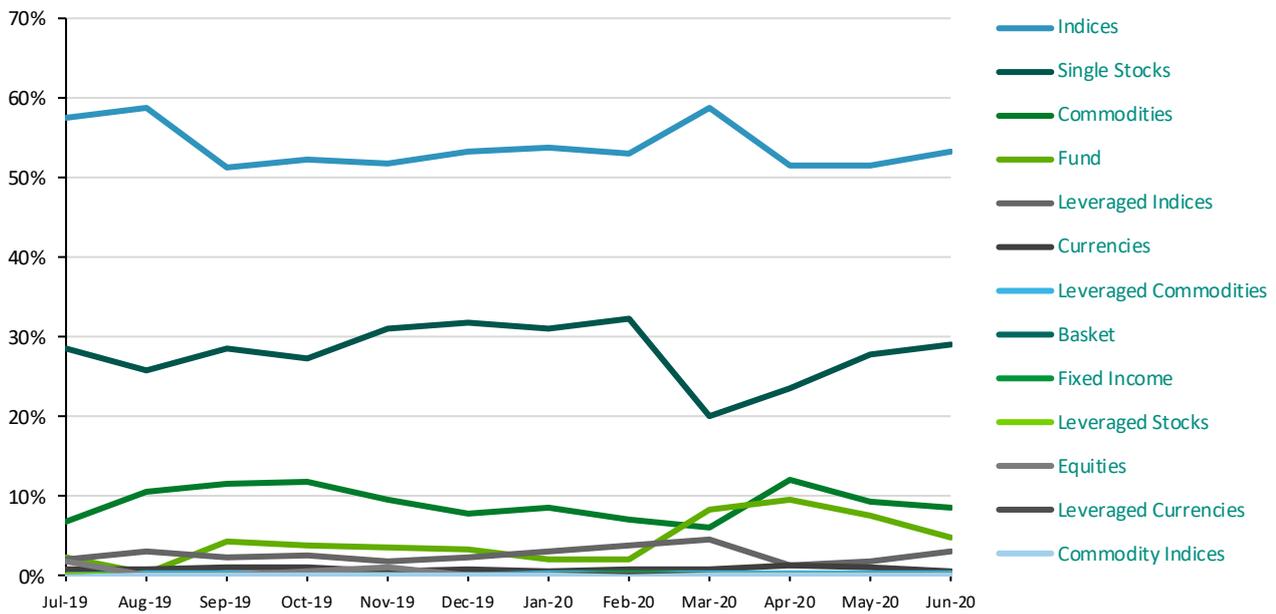
(Source Euronext)



# UNDERLYING TYPES

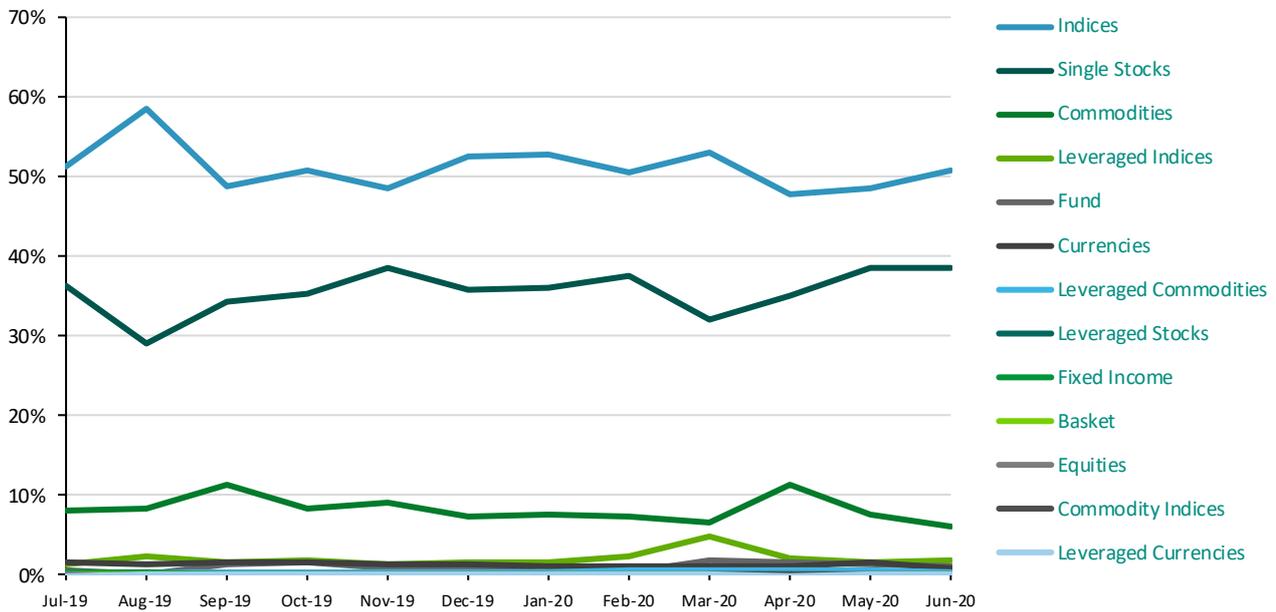
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on all instruments traded on Euronext's pan-European MTF.



## 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 on all instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

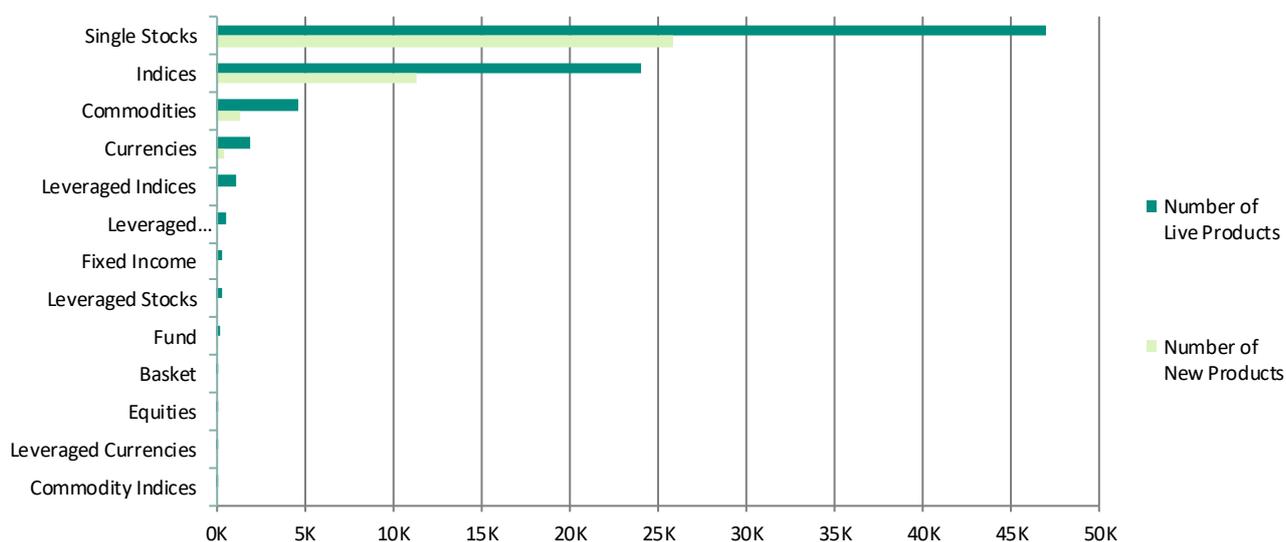
## Product Overview

The table below displays the daily averages of value traded and number of trades per underlying type on all instruments traded on Euronext's pan-European MTF, 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.

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	46,967	-2.1%	-5.7%	58.8%	25,814	42%	42%	66.1%
Indices	24,012	-5.0%	11.3%	30.0%	11,365	4.2%	-2.4%	29.1%
Commodities	4,649	-0.7%	14.0%	5.8%	1,364	-12.2%	-22%	3.5%
Currencies	1,849	-1.0%	-2.9%	2.3%	475	29%	23%	1.2%
Leveraged Indices	1,090	1.2%	56%	1.4%	0	-100%	-100%	0.0%
Leveraged Commodities	553	-9.2%	11.2%	0.7%	0	-100%	-100%	0.0%
Fixed Income	286	-2.5%	-9.4%	0.4%	11	175%	-61%	0.0%
Leveraged Stocks	268	-4.2%	5.8%	0.3%	0	-100%	-100%	0.0%
Fund	210	3.0%	13.3%	0.3%	5	-38%	-1.6%	0.0%
Basket	20	-9.3%	0.6%	0.0%	0		-100%	0.0%
Equities	9	6.9%	15.2%	0.0%	0	-100%	-100%	0.0%
Leveraged Currencies	3	0.0%	-58%	0.0%	0			0.0%
Commodity Indices	1	0.0%	0.0%	0.0%	0			0.0%
<b>Total</b>	<b>79,917</b>	<b>-2.9%</b>	<b>0.7%</b>	<b>100%</b>	<b>39,034</b>	<b>23.1%</b>	<b>20.8%</b>	<b>100%</b>

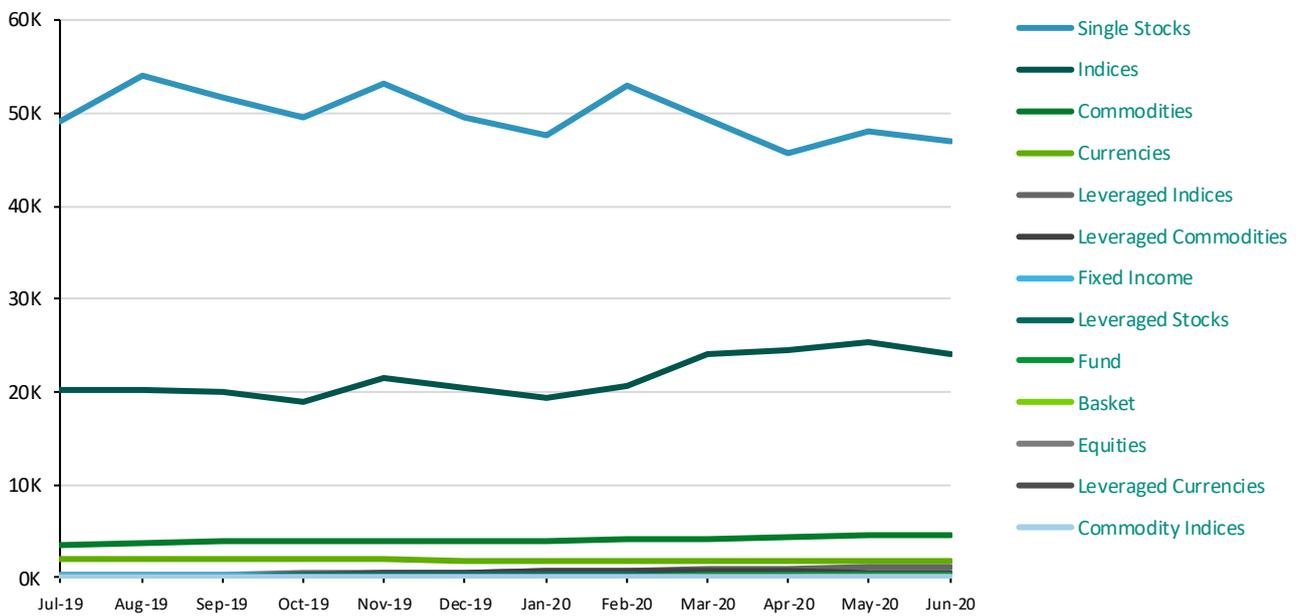
(Source Euronext)



# UNDERLYING TYPES

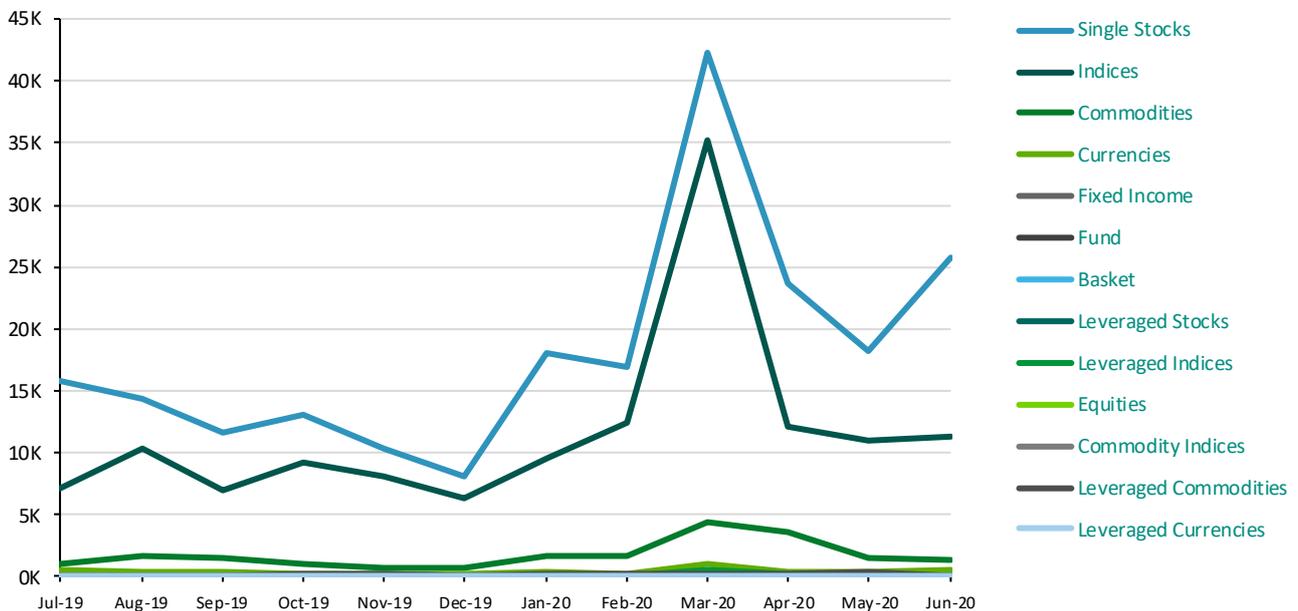
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on all instruments traded on Euronext’s pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on all instruments traded on Euronext’s pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

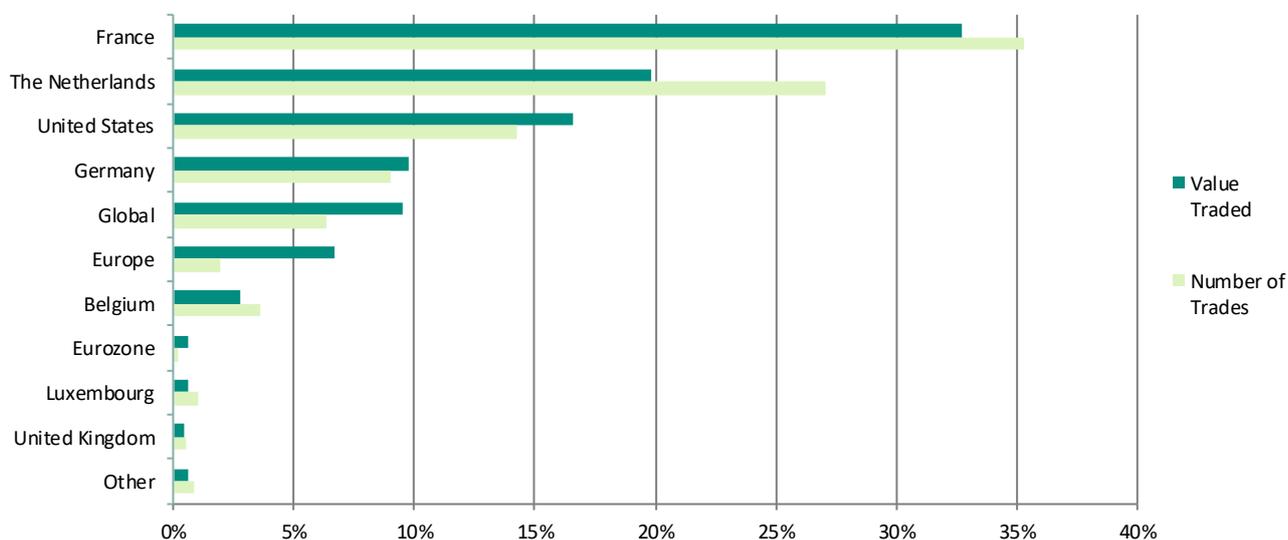
## Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on all instruments traded on Euronext's pan-European MTF, 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.

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	18,707	35%	55%	32.7%	6,331	11.3%	33.1%	35.3%
The Netherlands	11,343	-11.0%	3.5%	19.9%	4,851	-14.3%	0.5%	27.1%
United States	9,478	-8.7%	21%	16.6%	2,560	-9.4%	16.3%	14.3%
Germany	5,565	2.4%	25%	9.7%	1,613	-23%	2.5%	9.0%
Global	5,417	-0.5%	-13.3%	9.5%	1,136	-23%	-22%	6.3%
Europe	3,791	-23%	2.0%	6.6%	347	-15.1%	7.2%	1.9%
Belgium	1,568	-26%	-22%	2.7%	642	-21%	9.5%	3.6%
Eurozone	349	684%	293%	0.6%	31	202%	255%	0.2%
Luxembourg	317	-35%	-48%	0.6%	181	-35%	-28%	1.0%
United Kingdom	250	-15.5%	-16.3%	0.4%	84	-22%	-13.3%	0.5%
Other	357	-22%	-34%	0.6%	147	-20%	-14.5%	0.8%
<b>Total</b>	<b>57,141</b>	<b>1.7%</b>	<b>16.9%</b>	<b>100%</b>	<b>17,922</b>	<b>-8.3%</b>	<b>10.3%</b>	<b>100%</b>

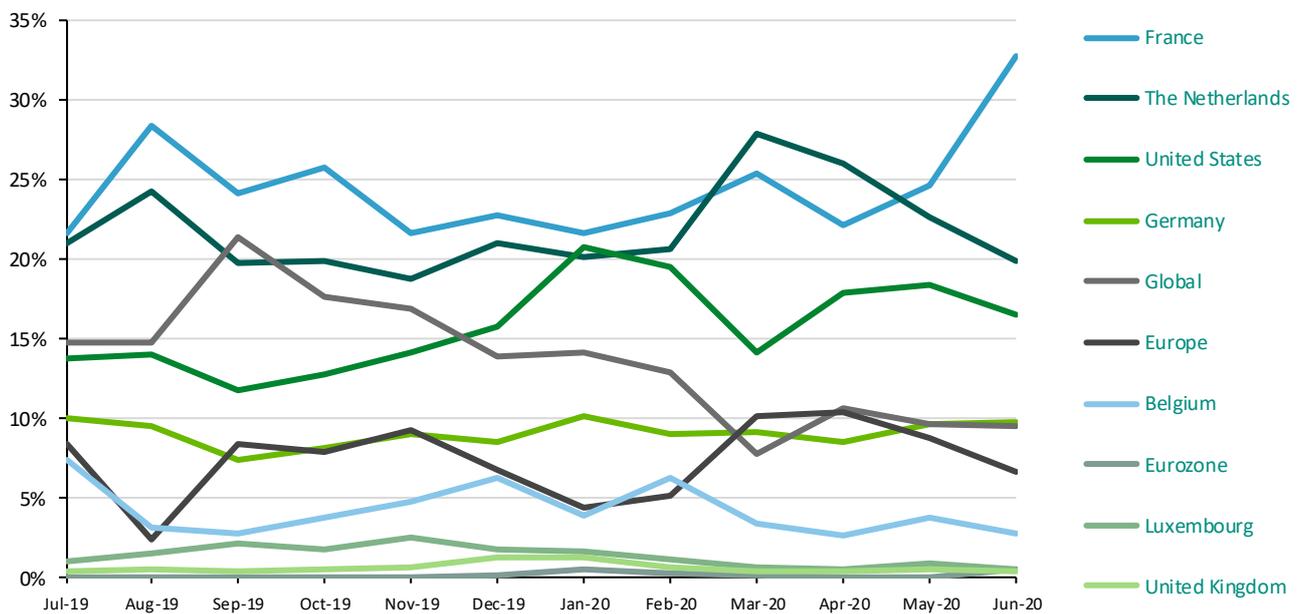
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

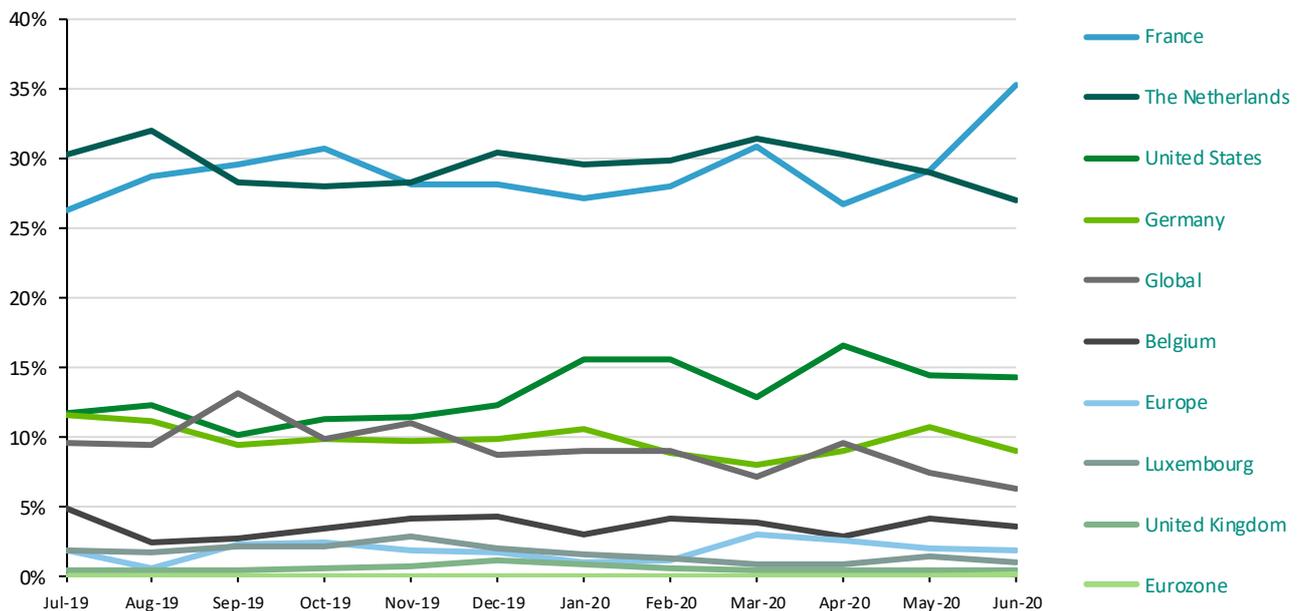
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on all instruments traded on Euronext's pan-European MTF.



## 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 on all instruments traded on Euronext's pan-European MTF.



## TOP 10 UNDERLYING COUNTRIES

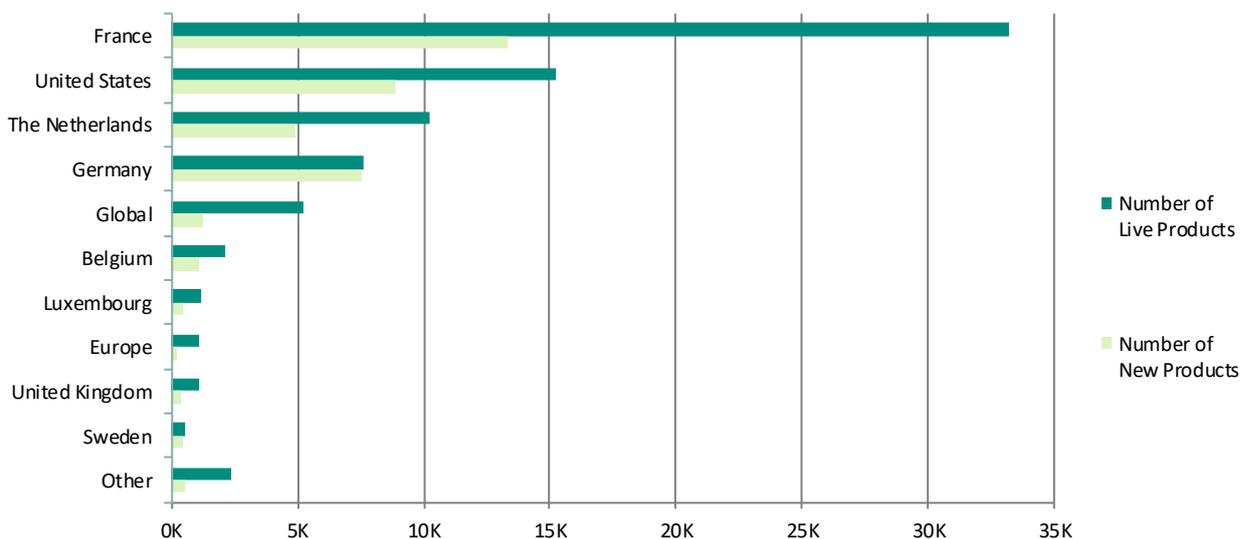
### Product Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on all instruments traded on Euronext's pan-European MTF, 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.

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	33,217	-1.0%	-3.0%	41.6%	13,305	11.8%	1.8%	34.1%
United States	15,228	-6.4%	-1.4%	19.1%	8,910	37%	33%	22.8%
The Netherlands	10,241	-3.1%	11.9%	12.8%	4,886	11.0%	16.2%	12.5%
Germany	7,637	-3.7%	8.0%	9.6%	7,573	61%	93%	19.4%
Global	5,258	-2.9%	3.1%	6.6%	1,234	-19.3%	-30%	3.2%
Belgium	2,144	1.3%	-0.8%	2.7%	1,080	68%	47%	2.8%
Luxembourg	1,157	-6.3%	-4.4%	1.4%	479	-31%	-20%	1.2%
Europe	1,082	-6.1%	9.0%	1.4%	232	-27%	-17.5%	0.6%
United Kingdom	1,067	-2.9%	-3.7%	1.3%	386	23%	27%	1.0%
Sweden	517	3.4%	10.7%	0.6%	435	114%	132%	1.1%
Other	2,370	-4.0%	-2.1%	3.0%	514	1.2%	-6.2%	1.3%
<b>Total</b>	<b>79,917</b>	<b>-2.9%</b>	<b>0.7%</b>	<b>100%</b>	<b>39,034</b>	<b>23.1%</b>	<b>20.8%</b>	<b>100%</b>

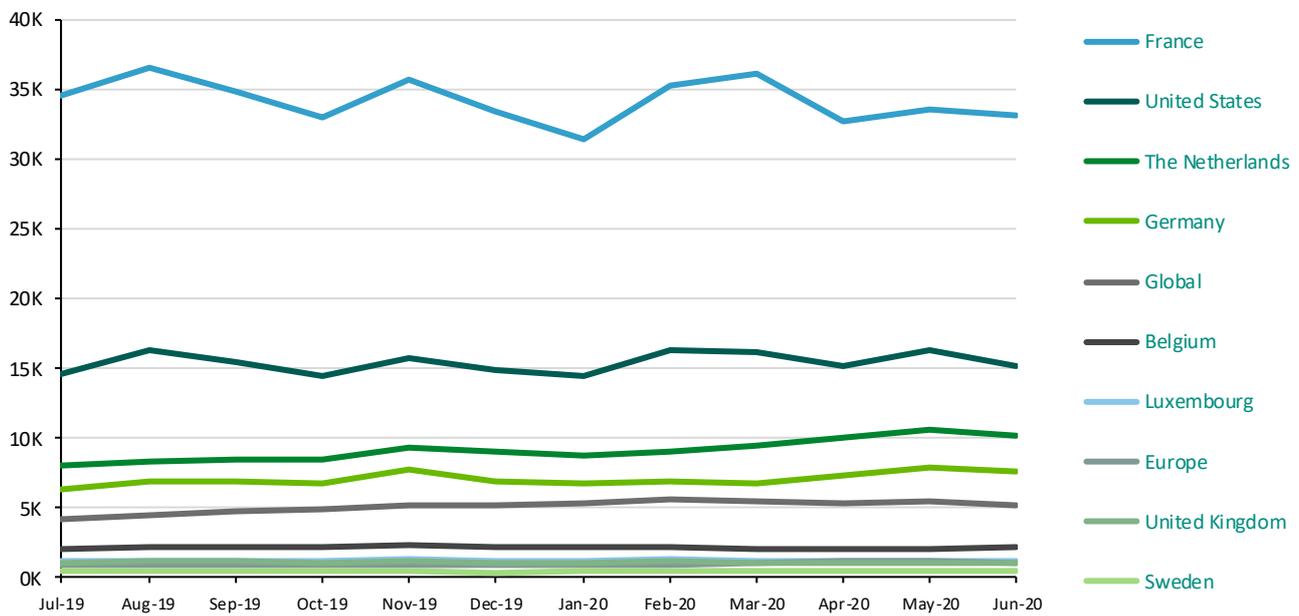
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

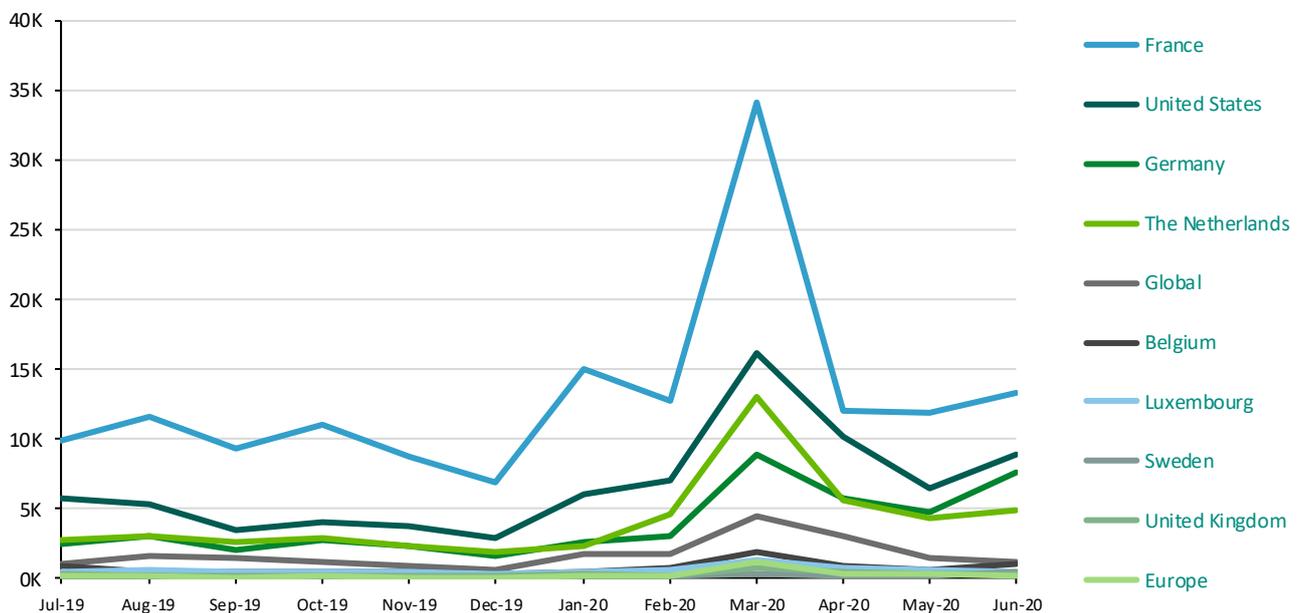
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on all instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

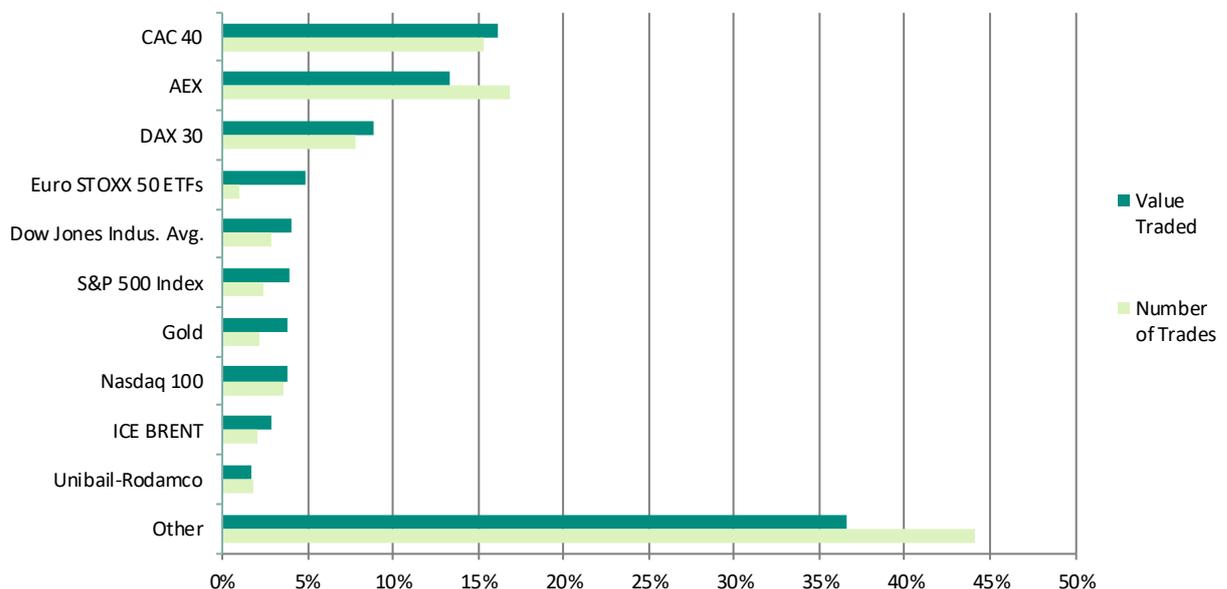
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on all instruments traded on Euronext's pan-European MTF, 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.

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	9,194	49%	54%	16.1%	2,742	27.6%	27.6%	15.3%
AEX	7,626	-14.3%	0.7%	13.3%	3,016	-12.6%	-2.3%	16.8%
DAX 30	5,067	1.4%	25%	8.9%	1,406	-23%	1.0%	7.8%
Euro STOXX 50 ETFs	2,779	-35%	16.1%	4.9%	183	-28%	8.4%	1.0%
Dow Jones Indus. Avg.	2,309	-13.8%	27%	4.0%	515	-10.1%	12.1%	2.9%
S&P 500 Index	2,277	-21%	0.7%	4.0%	431	-26%	3.6%	2.4%
Gold	2,198	-10.5%	6.9%	3.8%	386	-20%	-14.4%	2.2%
Nasdaq 100	2,155	0.7%	52%	3.8%	644	5.1%	46%	3.6%
ICE BRENT	1,650	2.3%	45%	2.9%	366	-27%	-14.0%	2.0%
Unibail-Rodamco	997	83%	338%	1.7%	326	43%	254%	1.8%
Other	20,889	6.9%	4.6%	36.6%	7,907	-10.8%	10.3%	44.1%
<b>Total</b>	<b>57,141</b>	<b>1.7%</b>	<b>16.9%</b>	<b>100%</b>	<b>17,922</b>	<b>-8.3%</b>	<b>10.3%</b>	<b>100%</b>

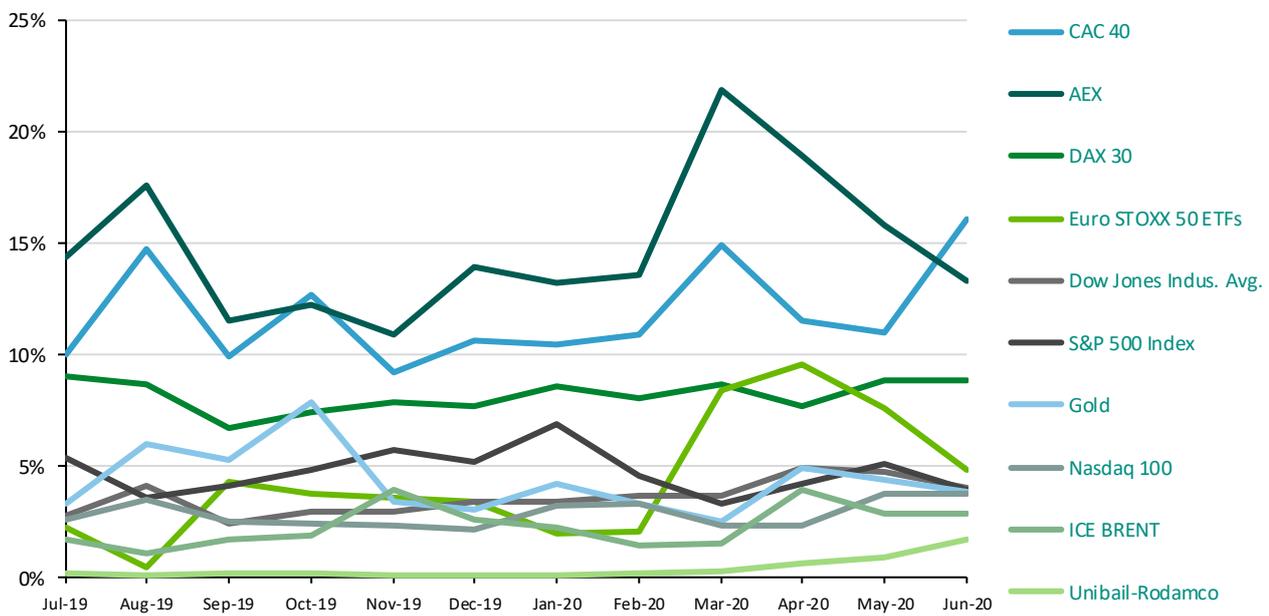
(Source Euronext)



# TOP 10 UNDERLYINGS

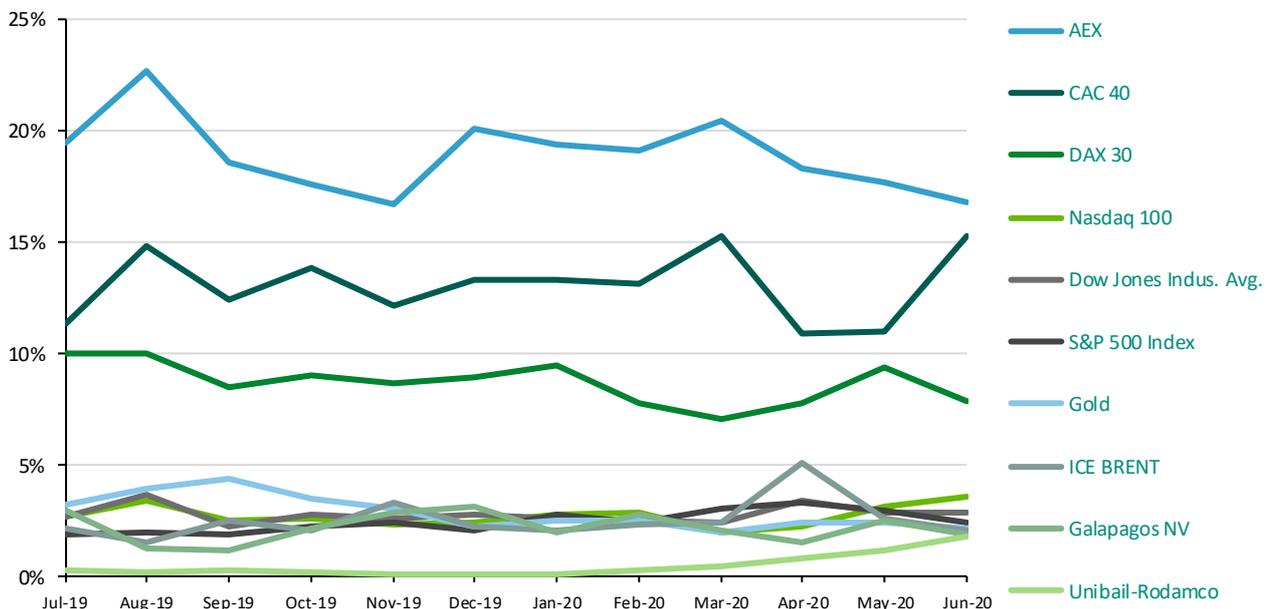
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on all instruments traded on Euronext's pan-European MTF.



## 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 on all instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

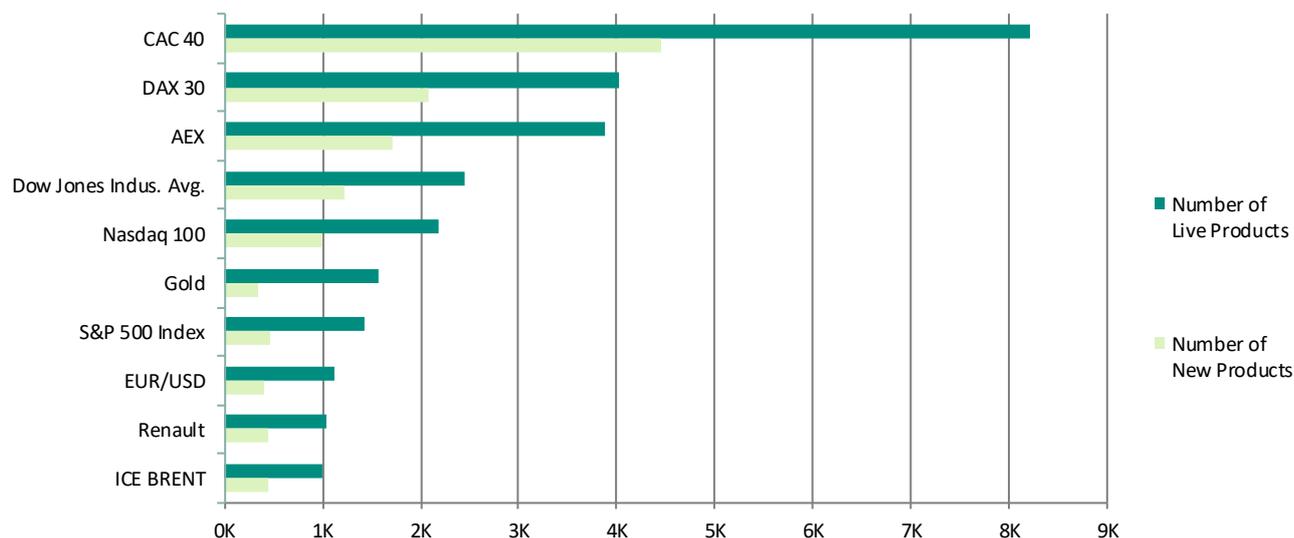
## Product Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on all instruments traded on Euronext's pan-European MTF, 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.

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	8,205	-2.2%	10.2%	10.3%	4,456	14.1%	-3.2%	11.4%
DAX 30	4,029	-5.9%	12.1%	5.0%	2,088	-5.7%	6.4%	5.3%
AEX	3,880	-5.2%	30%	4.9%	1,705	-5.1%	1.5%	4.4%
Dow Jones Indus. Avg.	2,458	-8.9%	12.5%	3.1%	1,216	7.8%	-3.0%	3.1%
Nasdaq 100	2,172	-2.6%	4.0%	2.7%	987	5.2%	-8.6%	2.5%
Gold	1,574	-0.1%	11.7%	2.0%	333	32%	-18.8%	0.9%
S&P 500 Index	1,431	-8.7%	-1.5%	1.8%	457	-10.4%	-23%	1.2%
EUR/USD	1,116	0.9%	2.4%	1.4%	396	25%	46%	1.0%
Renault	1,044	-1.6%	6.7%	1.3%	445	10.1%	6.6%	1.1%
ICE BRENT	1,007	0.3%	17.0%	1.3%	453	-18.8%	-9.0%	1.2%
Other	53,000	-2.4%	-4.1%	66.3%	26,498	35%	36%	67.9%
<b>Total</b>	<b>79,917</b>	<b>-2.9%</b>	<b>0.7%</b>	<b>100%</b>	<b>39,034</b>	<b>23.1%</b>	<b>20.8%</b>	<b>100%</b>

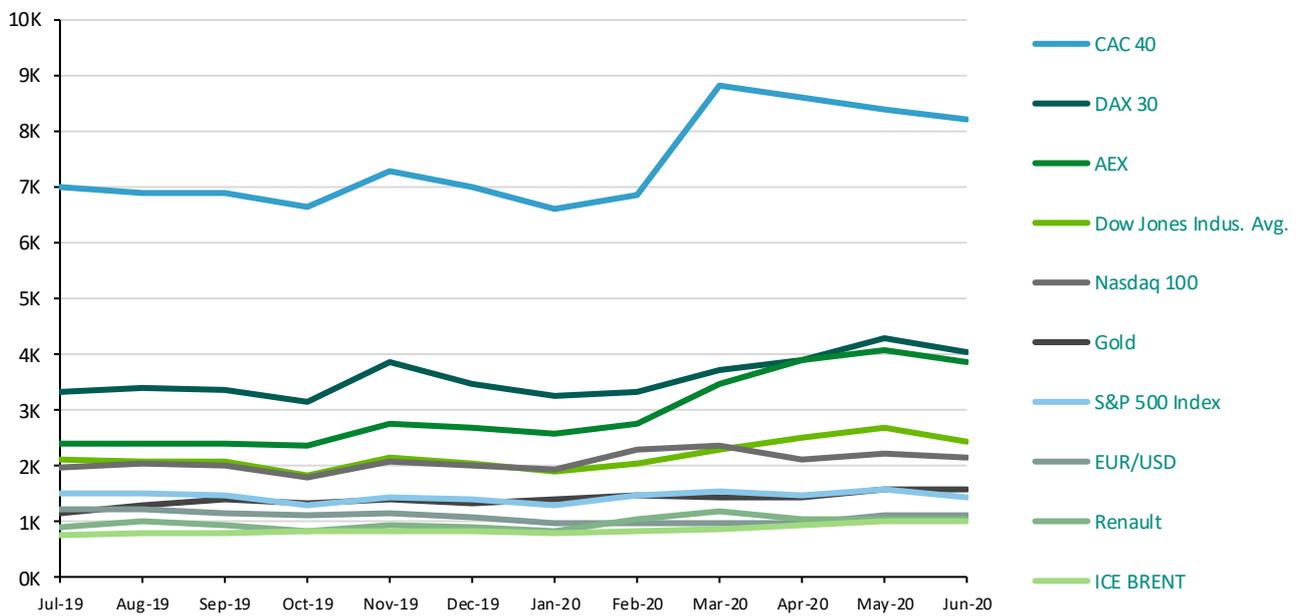
(Source Euronext)



# TOP 10 UNDERLYINGS

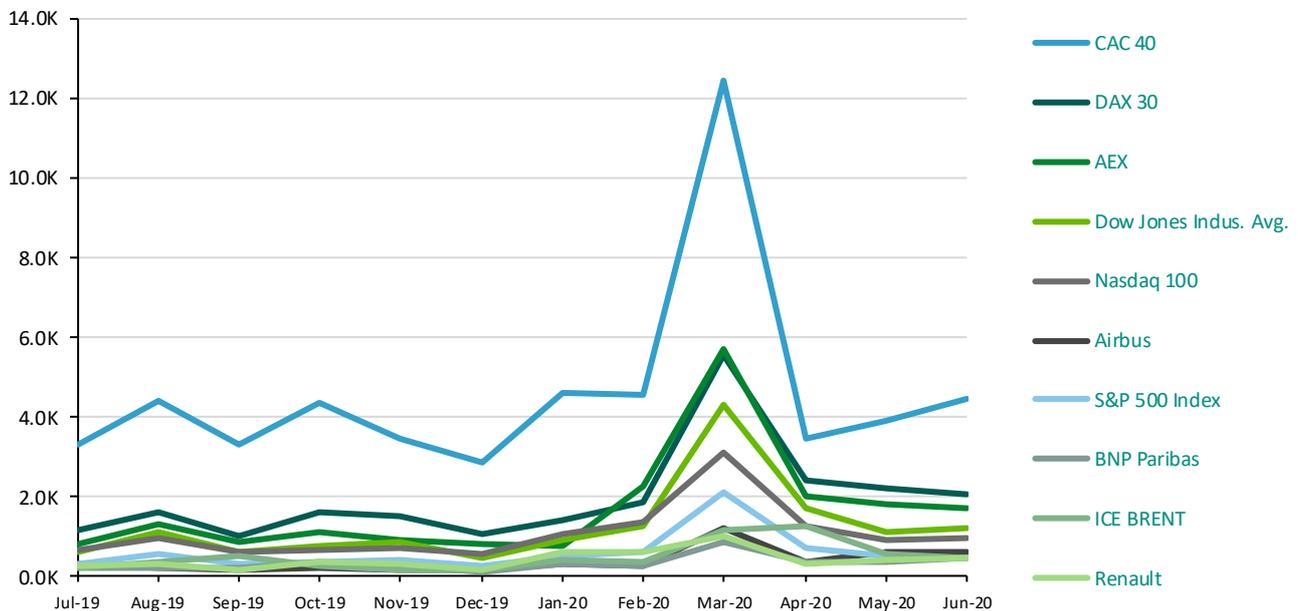
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on all instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on all instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on all instruments traded on Euronex-t's pan-European MTF.

ISIN Code	Issuer		Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NL0013666241	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	14,562	89
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	14,431	872
NL0014588394	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	12,093	27
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	9,764	679
DE000VF8EEJ5	Vontobel	2205	Open-End Knock-Out Warrants	Gold	9,311	23
DE000VP37995	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	7,604	1,500
FRBNPP01MNF6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	7,078	1,034
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	6,512	467
NL0014174278	BNP Paribas	2100	Warrants	CAC 40	5,117	271
DE000VE71E09	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	4,905	338
NL0014433336	ING	2100	Warrants	Euro STOXX 50 ETFs	4,801	576
NL0015088725	BNP Paribas	2210	Mini-Futures	AEX	4,774	490
NL0014433344	ING	2100	Warrants	Euro STOXX 50 ETFs	4,711	624
NL0014433351	ING	2100	Warrants	Euro STOXX 50 ETFs	4,629	465
NL0015084070	BNP Paribas	2210	Mini-Futures	S&P 500 Index	4,467	73
NL0014817694	BNP Paribas	2210	Mini-Futures	Gold	4,300	293
FRBNPP01JMO6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	4,222	610
DE000VE7DP79	Vontobel	2300	Constant Leverage Certificate	FTSE x7 Short Index	4,143	41
FRBNPP01JQV2	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	3,939	375
FRBNPP01IUZ7	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	3,753	521
DE000VE7DSQ5	Vontobel	2300	Constant Leverage Certificate	Euro STOXX 50 x7 Short Index	3,408	40
FRBNPP01O9C1	BNP Paribas	2210	Mini-Futures	CAC 40	3,403	164
NL0015076084	BNP Paribas	2210	Mini-Futures	AEX	3,340	524
NL0014247686	Goldman Sachs	2210	Mini-Futures	AEX	3,340	347
DE000VE22DJ2	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	3,078	1,115
NL0014854424	BNP Paribas	2210	Mini-Futures	AEX	3,045	175
DE000VE9SSQ9	Vontobel	2300	Constant Leverage Certificate	FTSE x8 Leverage Index	3,022	41
FR0010961078	Société Générale	2300	Constant Leverage Certificate	CAC 40 x5 Leverage Index	2,973	656
NL0015077405	BNP Paribas	2210	Mini-Futures	DAX 30	2,951	144
DE000VP31H77	Vontobel	2205	Open-End Knock-Out Warrants	Euro STOXX 50	2,946	643
NL0014671372	BNP Paribas	2210	Mini-Futures	Gold	2,937	215
FRBNPP01MND1	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,916	227
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	2,911	196
DE000SB1UEW8	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	2,898	38
NL0014433328	ING	2100	Warrants	Euro STOXX 50 ETFs	2,840	550
NL0015086810	BNP Paribas	2210	Mini-Futures	S&P 500 Index	2,838	29
DE000VP38AA9	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	2,675	85
NL0014132557	ING	2100	Warrants	Euro STOXX 50 ETFs	2,632	284
NL0014319915	BNP Paribas	2210	Mini-Futures	AEX	2,613	367
DE000CL5AN89	Société Générale	2300	Constant Leverage Certificate	CAC 40	2,607	774
DE000SB1UEV0	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	2,604	38
NL0014854978	BNP Paribas	2210	Mini-Futures	S&P 500 Index	2,506	25
DE000VP379X7	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	2,496	81
NL0014316168	BNP Paribas	2210	Mini-Futures	AEX	2,368	103
NL0014168429	BNP Paribas	2100	Warrants	CAC 40	2,362	138
DE000VP38B68	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	2,307	118
NL0015088634	BNP Paribas	2210	Mini-Futures	AEX	2,297	179
NL0014433260	ING	2100	Warrants	Euro STOXX 50 ETFs	2,289	269
NL0014433278	ING	2100	Warrants	Euro STOXX 50 ETFs	2,271	221
DE000KB4UXZ3	Citi	2210	Mini-Futures	CAC 40	2,257	825

(Source Euronext)



# Euroclear Belgium Instruments

# ISSUERS

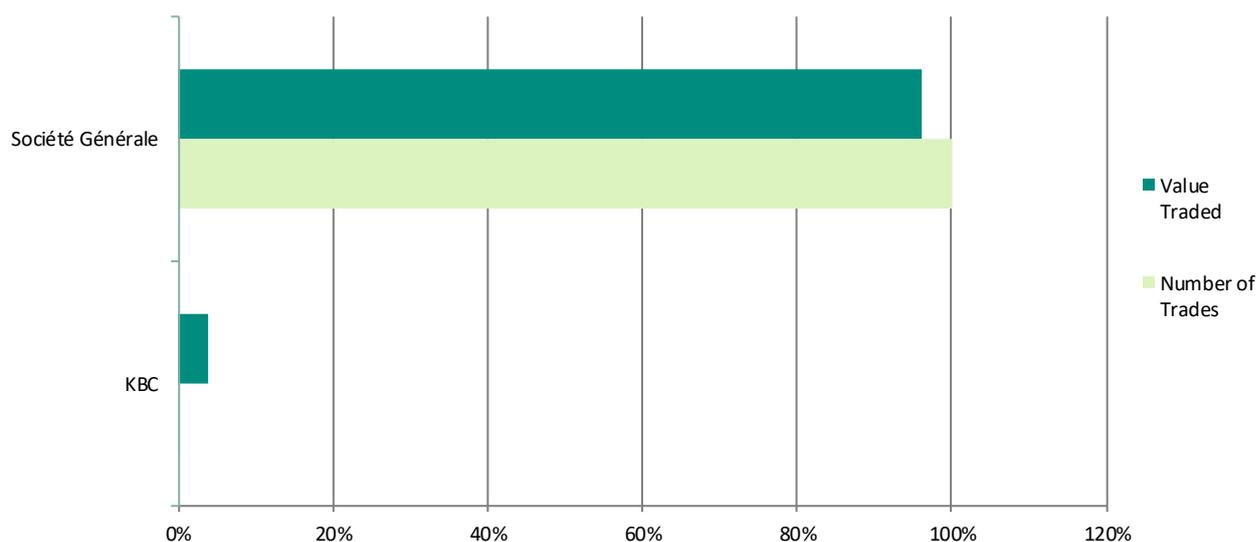
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	348	-28%	106%	96.1%	167	-28.8%	106.2%	99.9%
KBC	14		-96%	3.9%	0.2		-90.6%	0.1%
Total	362	-24.9%	-52.7%	100%	167	-28.7%	-30.3%	100%

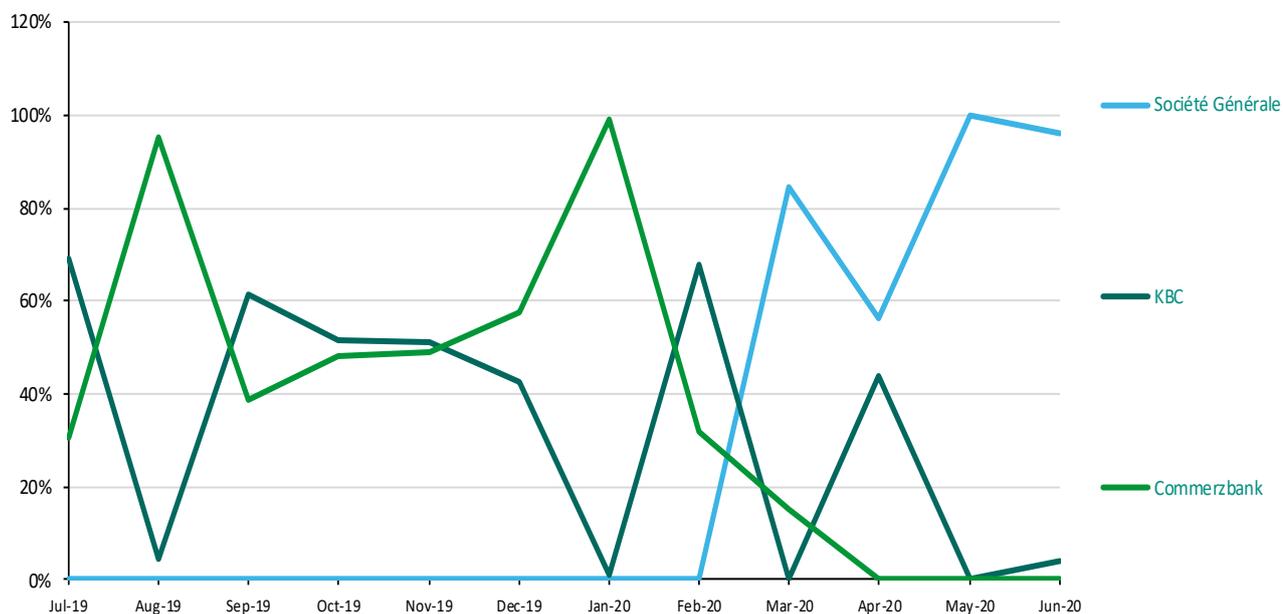
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# ISSUERS

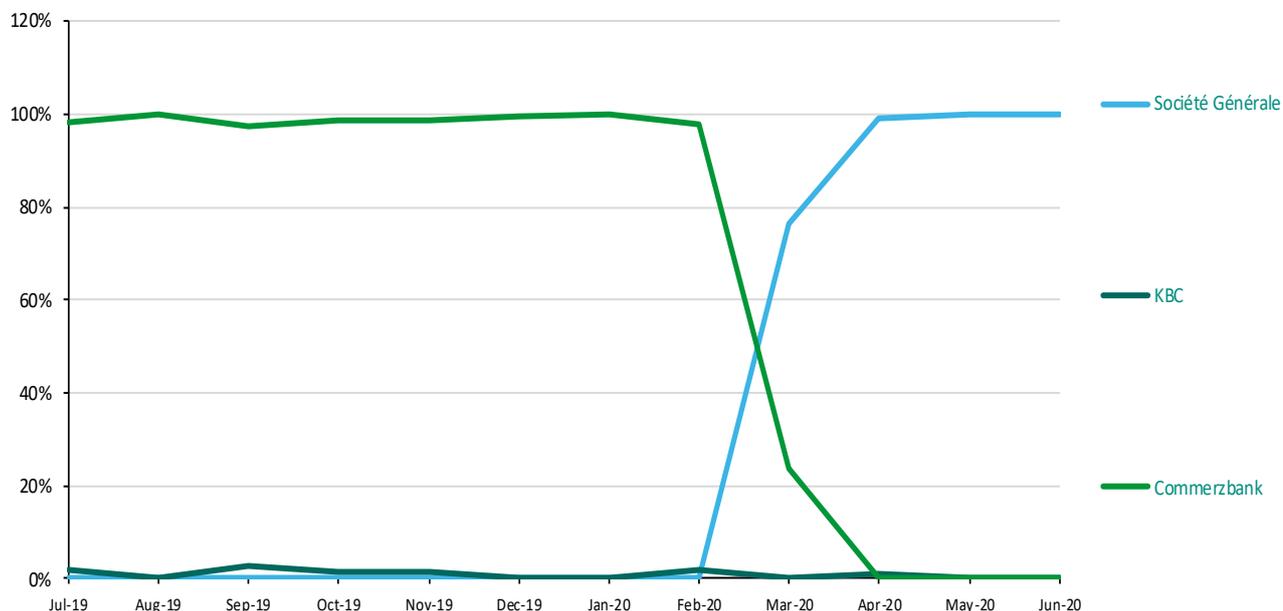
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# ISSUERS

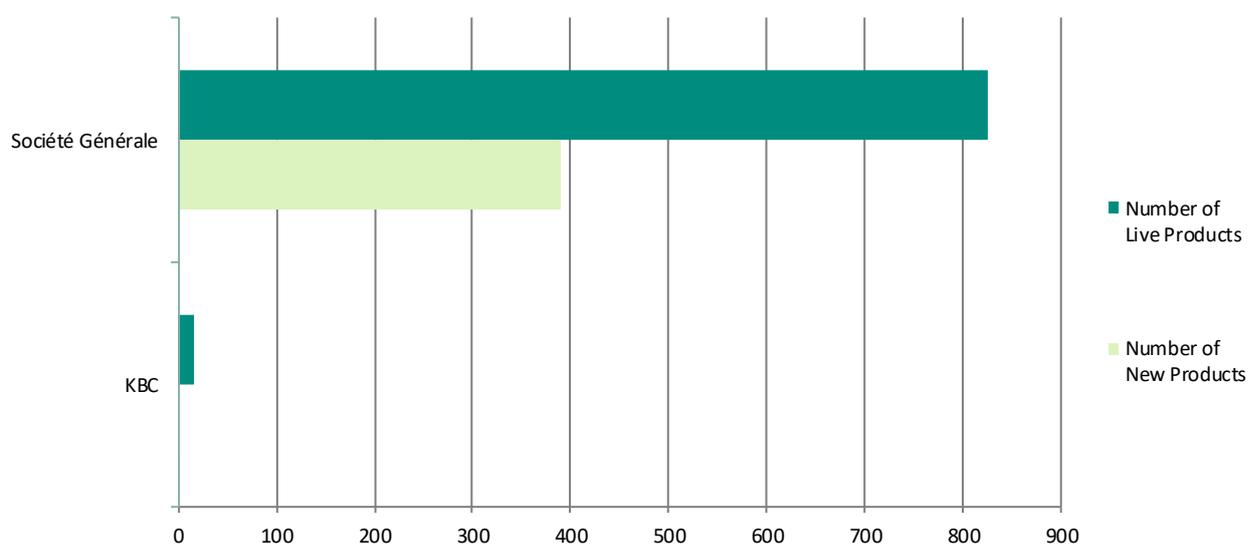
## Product Overview

The table below displays the daily averages of value traded and number of trades per issuer on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	825	1.1%	246%	98.1%	390	35%	131%	99.7%
KBC	16	-47%	-38%	1.9%	1	0.0%	-50%	0.3%
Total	841	-0.6%	5.1%	100%	391	34.8%	19.7%	100%

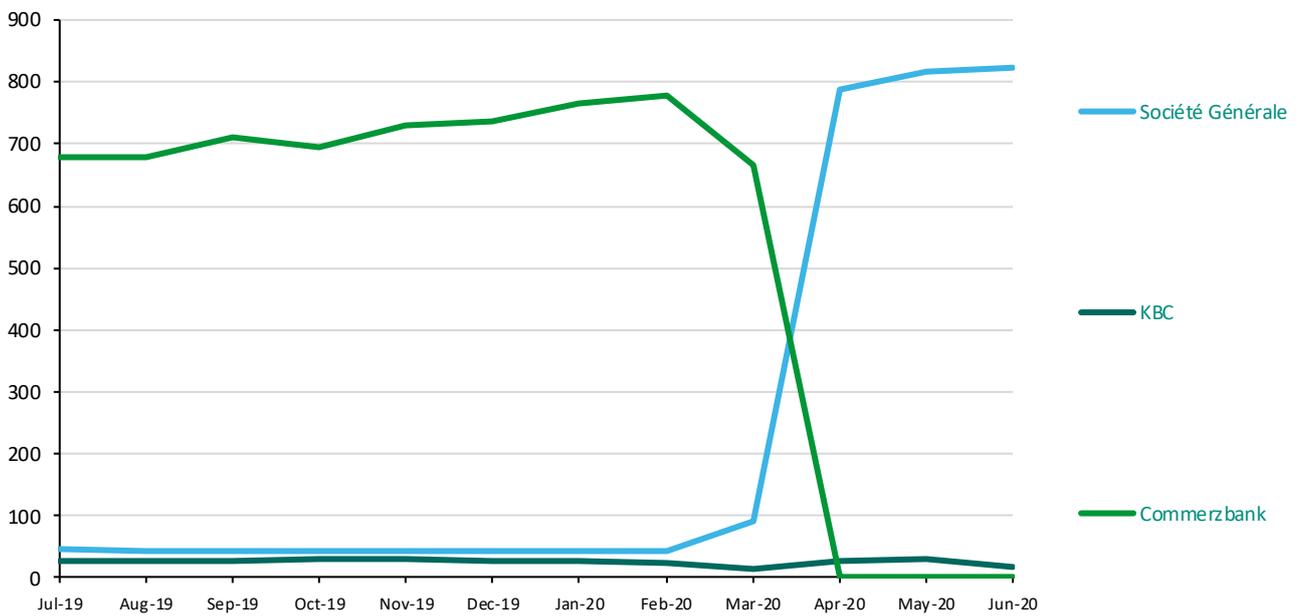
(Source Euronext)



# ISSUERS

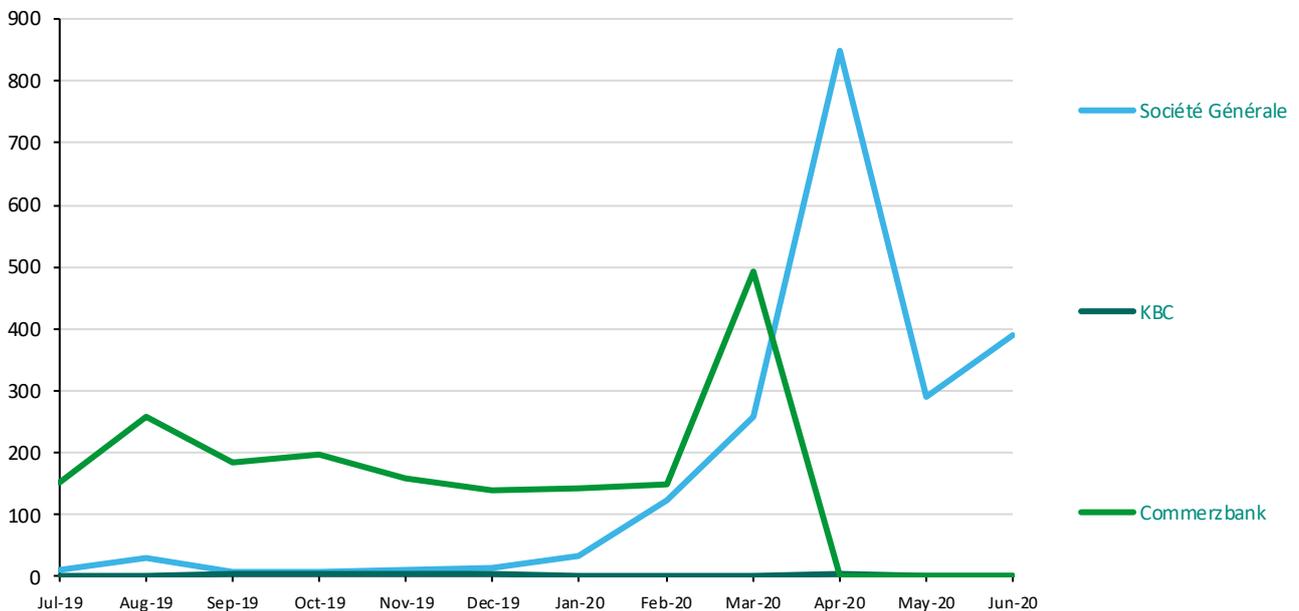
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



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

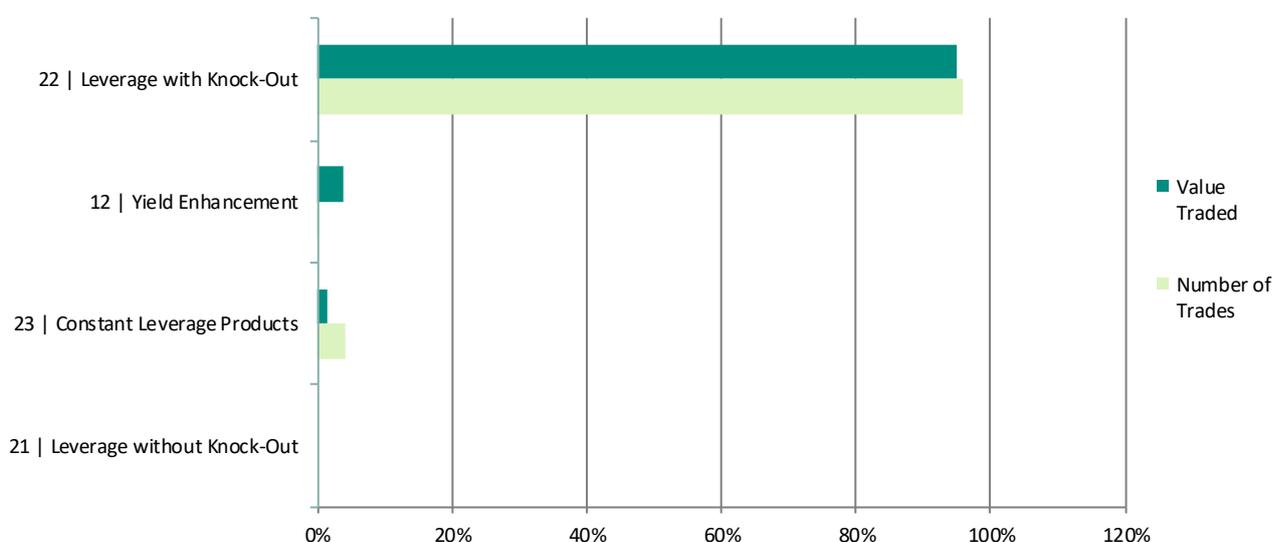
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	344	-24%	-22%	94.8%	160	-28.9%	-29.9%	95.9%
12   Yield Enhancement	14		-96%	3.9%	0.2		-90.1%	0.1%
23   Constant Leverage Products	5	-84%	-54%	1.3%	6.6	-25.0%	-27.4%	4.0%
21   Leverage without Knock-Out	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>362</b>	<b>-24.9%</b>	<b>-52.7%</b>	<b>100%</b>	<b>167</b>	<b>-28.7%</b>	<b>-30.3%</b>	<b>100%</b>

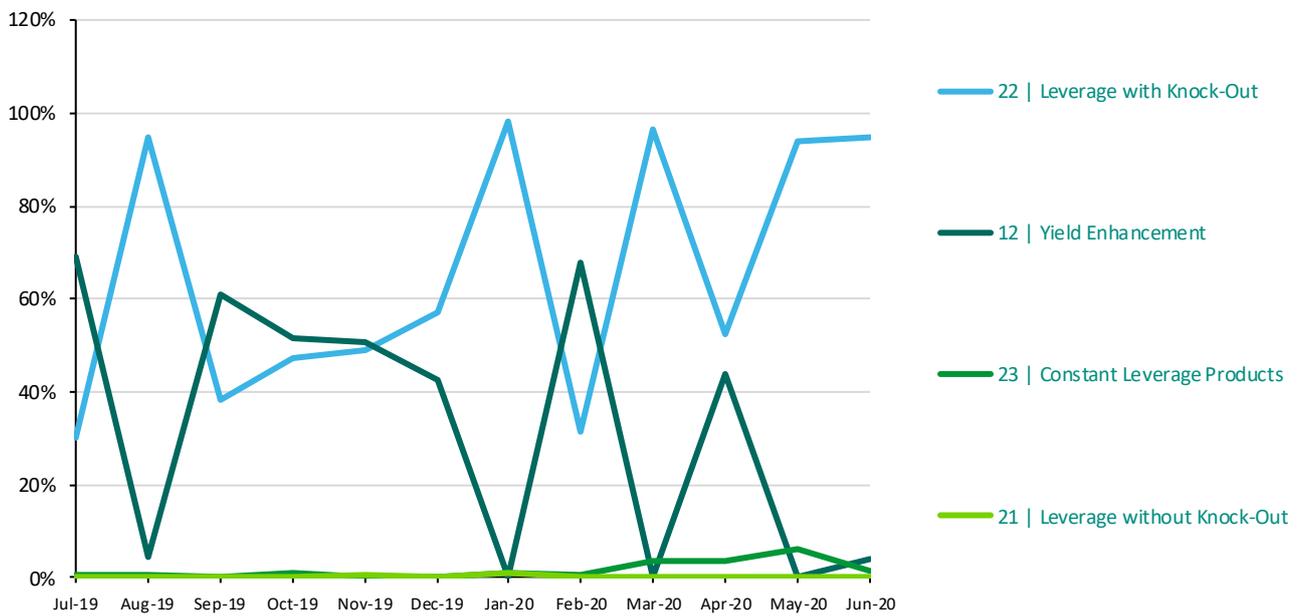
(Source Euronext)



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

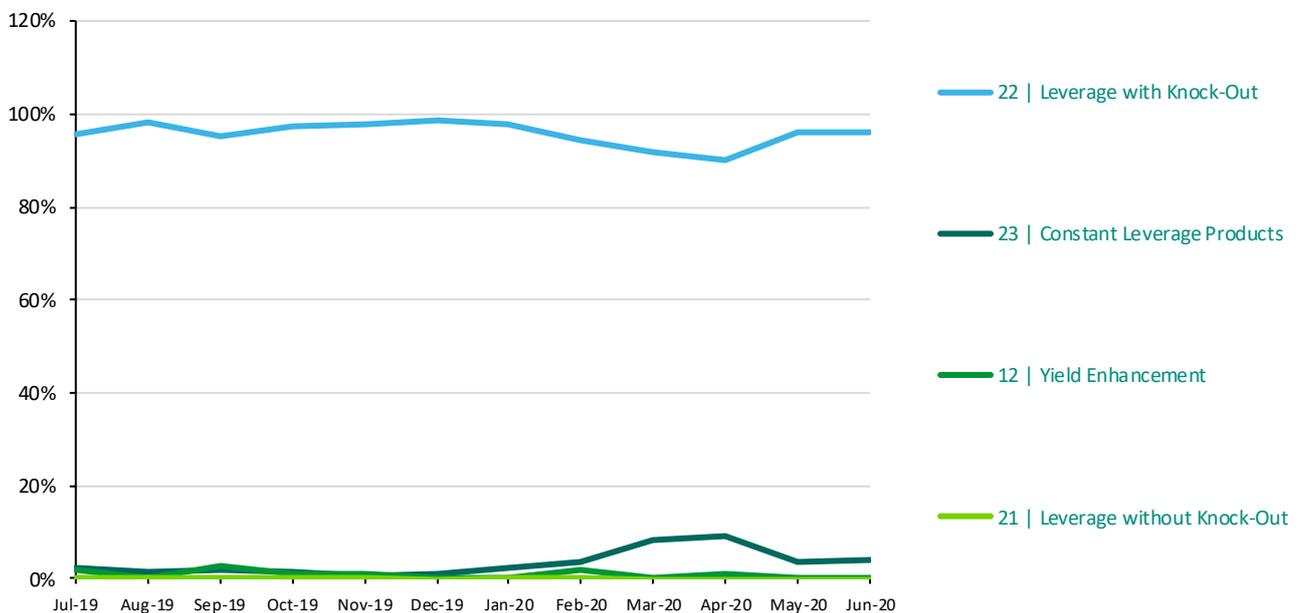
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Belgium instruments traded on Euronext's pan-European MTF.



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

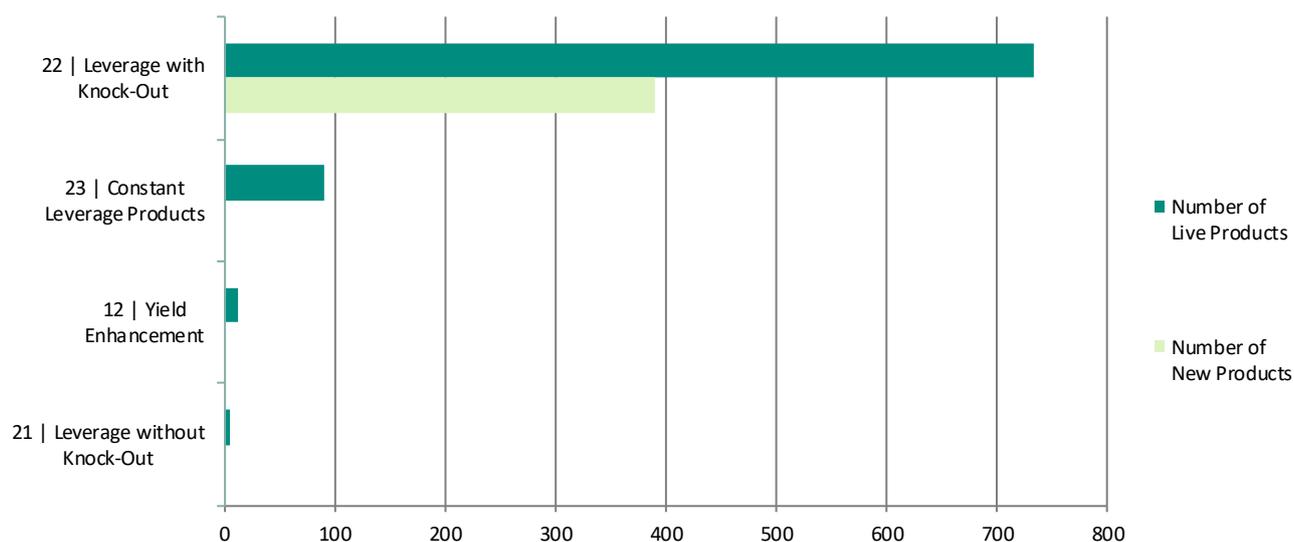
## Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	734	1.4%	10.4%	87.3%	390	35%	21%	99.7%
23   Constant Leverage Products	91	-1.1%	-17.0%	10.8%	0		-100%	0.0%
12   Yield Enhancement	11	-45%	16.3%	1.4%	0		-100%	0.0%
21   Leverage without Knock-Out	5	-52%	-72%	0.5%	1	0.0%	0.0%	0.3%
<b>Total</b>	<b>841</b>	<b>-0.6%</b>	<b>5.1%</b>	<b>100%</b>	<b>391</b>	<b>34.8%</b>	<b>19.7%</b>	<b>100%</b>

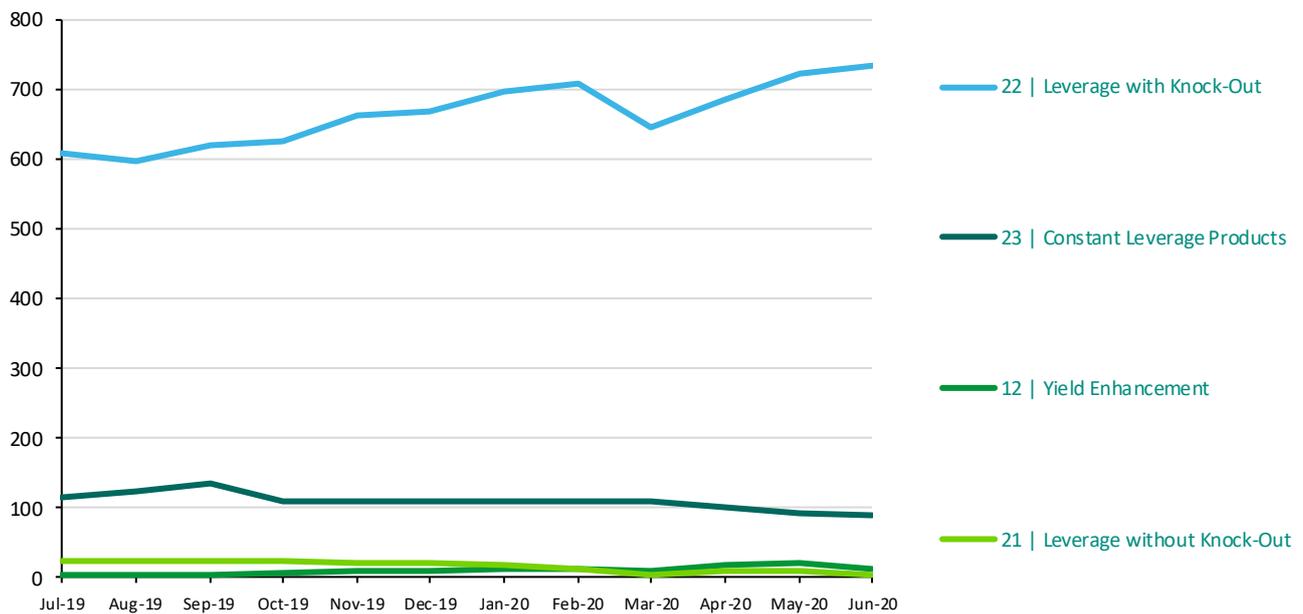
(Source Euronext)



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

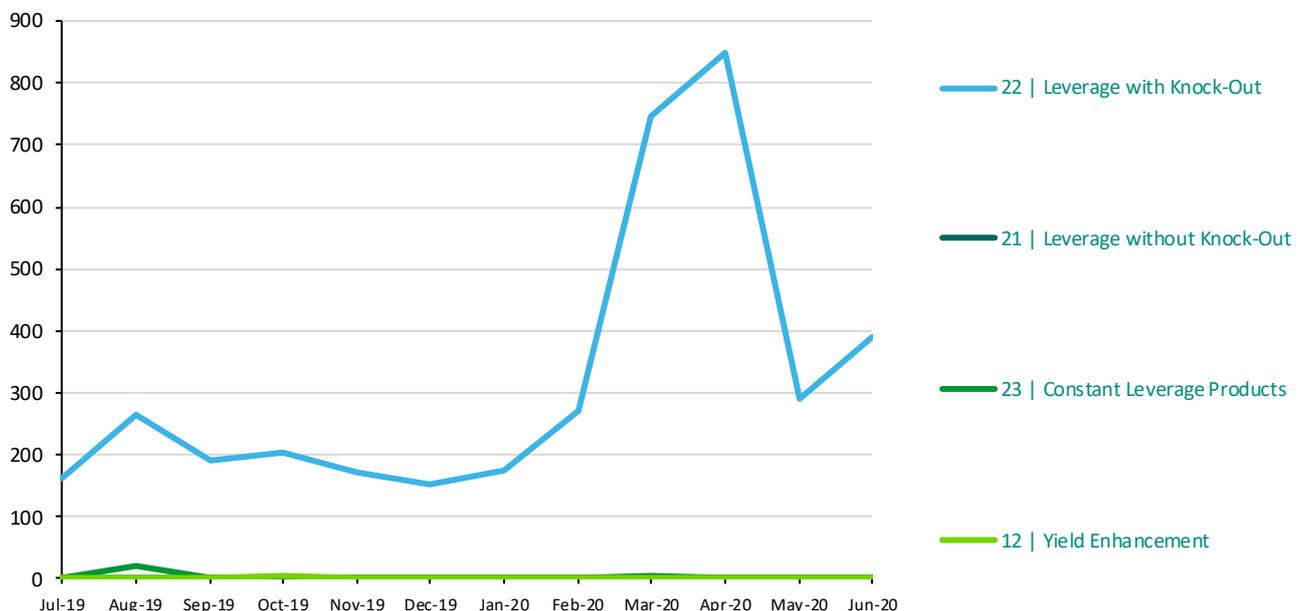
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



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

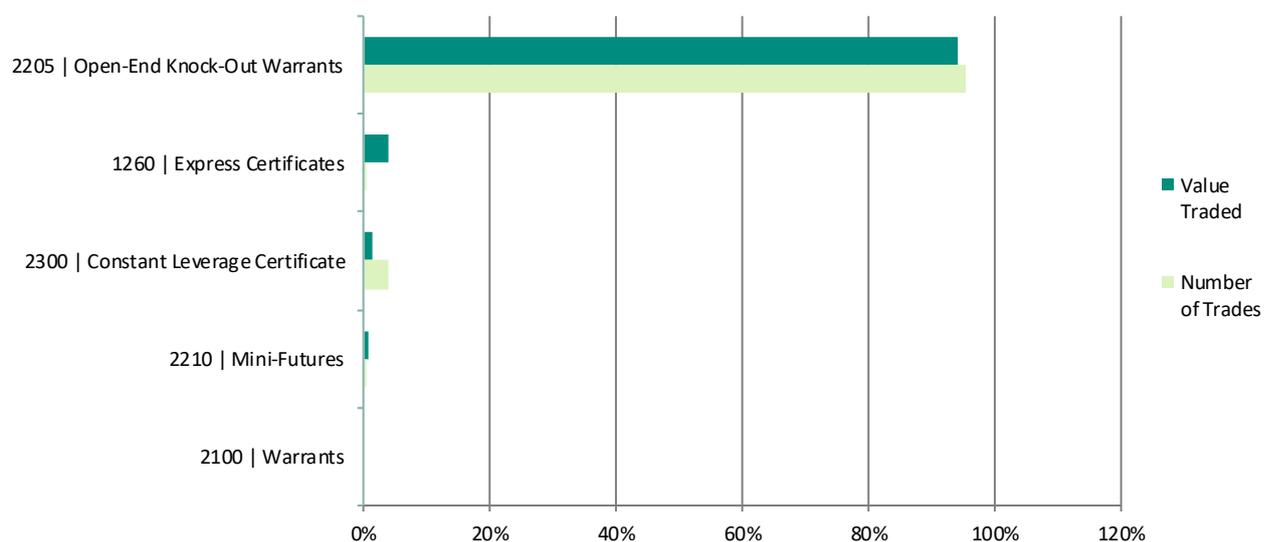
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	341	-25%	-21%	94.1%	160	-29.2%	-29.4%	95.5%
1260   Express Certificates	14		-96%	3.9%	0.2		-90%	0.1%
2300   Constant Leverage Certificate	5	-84%	-54%	1.3%	6.6	-25%	-27%	4.0%
2210   Mini-Futures	3	NA	-57%	0.8%	0.8	286%	-72%	0.5%
2100   Warrants	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>362</b>	<b>-24.9%</b>	<b>-52.7%</b>	<b>100%</b>	<b>167</b>	<b>-28.7%</b>	<b>-30.3%</b>	<b>100%</b>

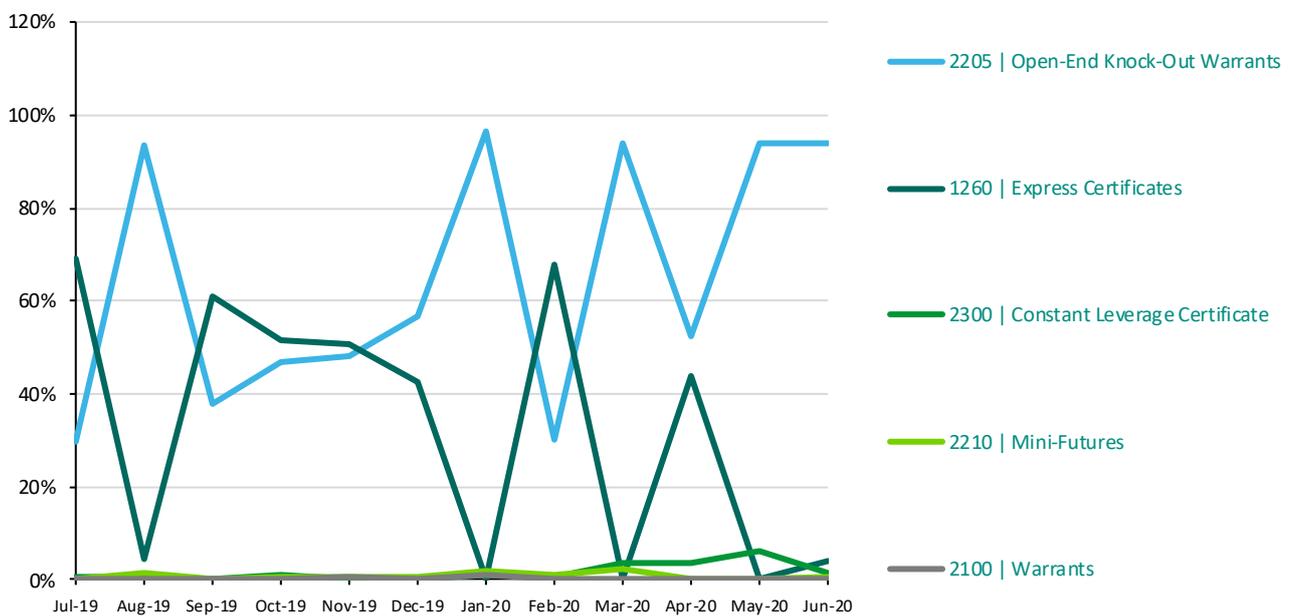
(Source Euronext)



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

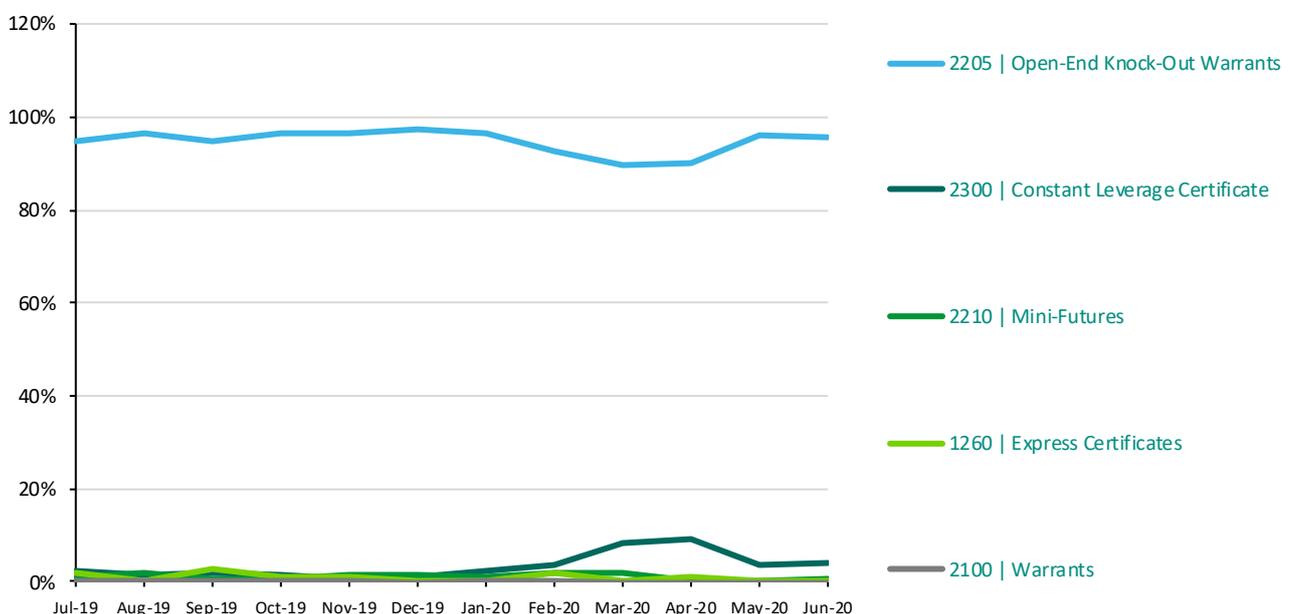
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Belgium instruments traded on Euronext's pan-European MTF.



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

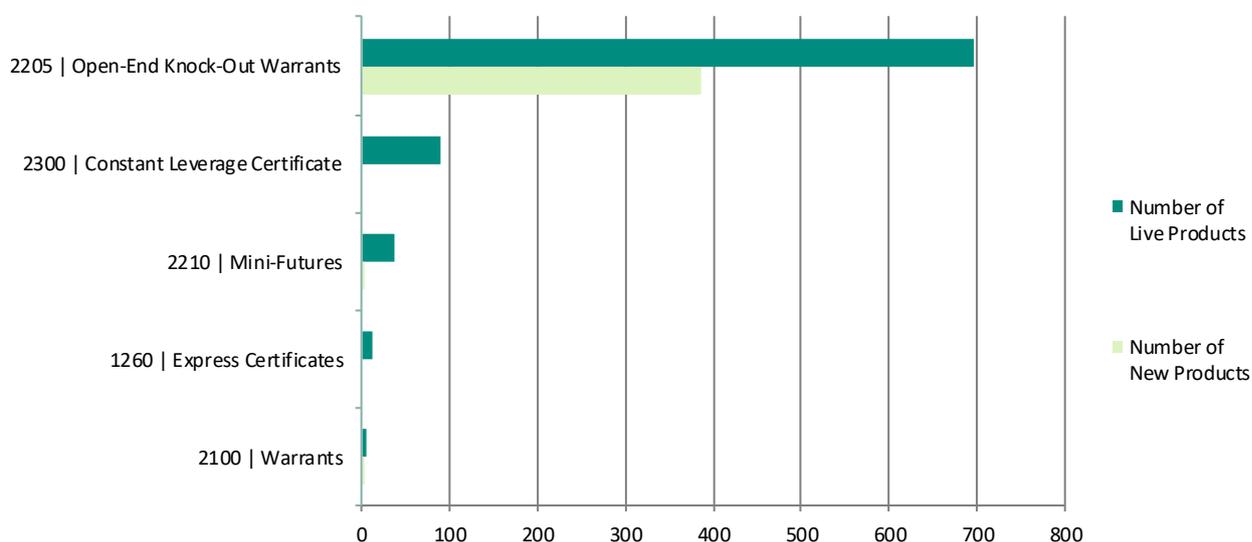
## Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	696	1.9%	13.5%	82.8%	387	35%	27%	99.0%
2300   Constant Leverage Certificate	91	-1.1%	-17.0%	10.8%	0		-100%	0.0%
2210   Mini-Futures	38	-6.5%	-27%	4.5%	3	50%	-83%	0.8%
1260   Express Certificates	11	-45%	16.3%	1.4%	0		-100%	0.0%
2100   Warrants	5	-52%	-72%	0.5%	1	0.0%	0.0%	0.3%
<b>Total</b>	<b>841</b>	<b>-0.6%</b>	<b>5.1%</b>	<b>100%</b>	<b>391</b>	<b>34.8%</b>	<b>19.7%</b>	<b>100%</b>

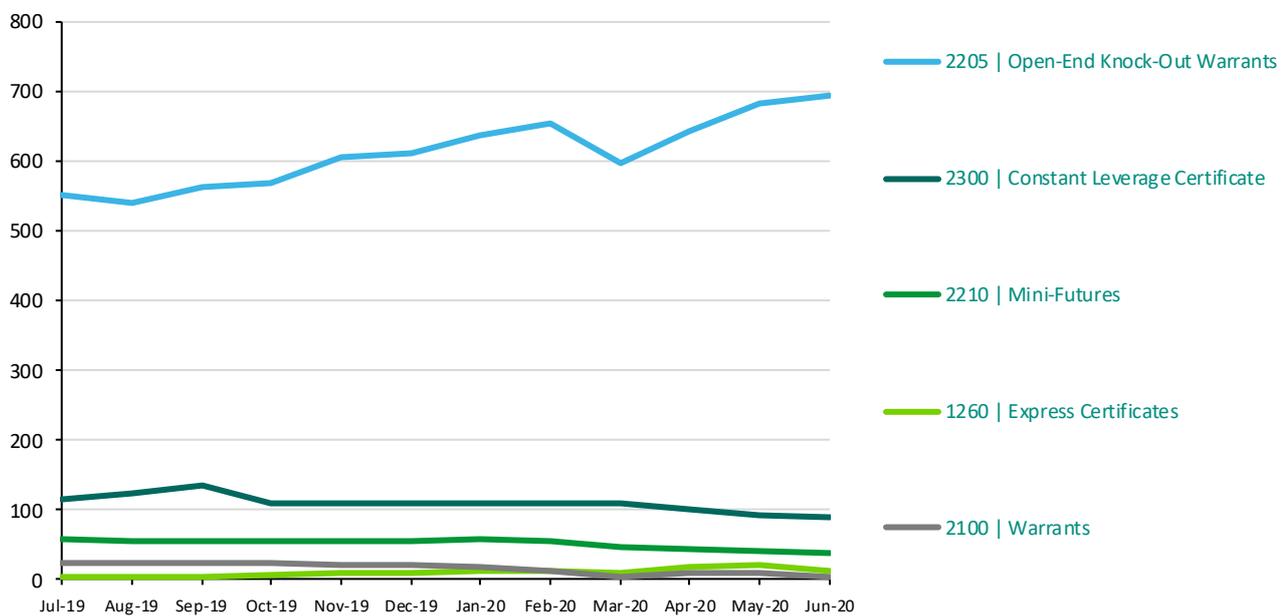
(Source Euronext)



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

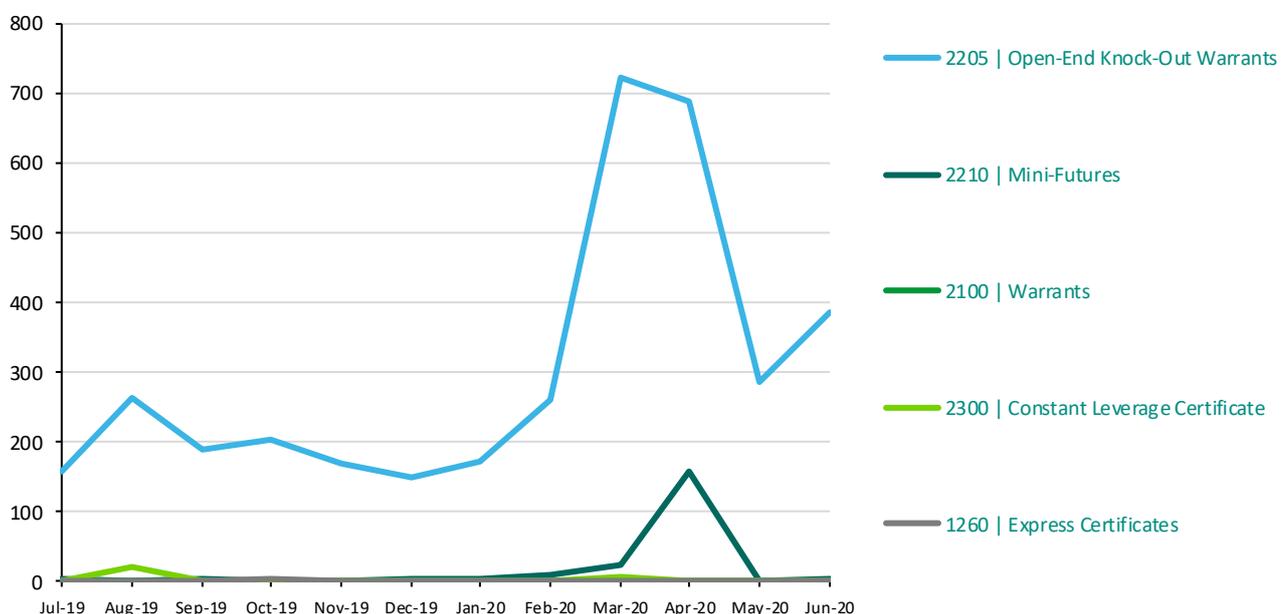
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

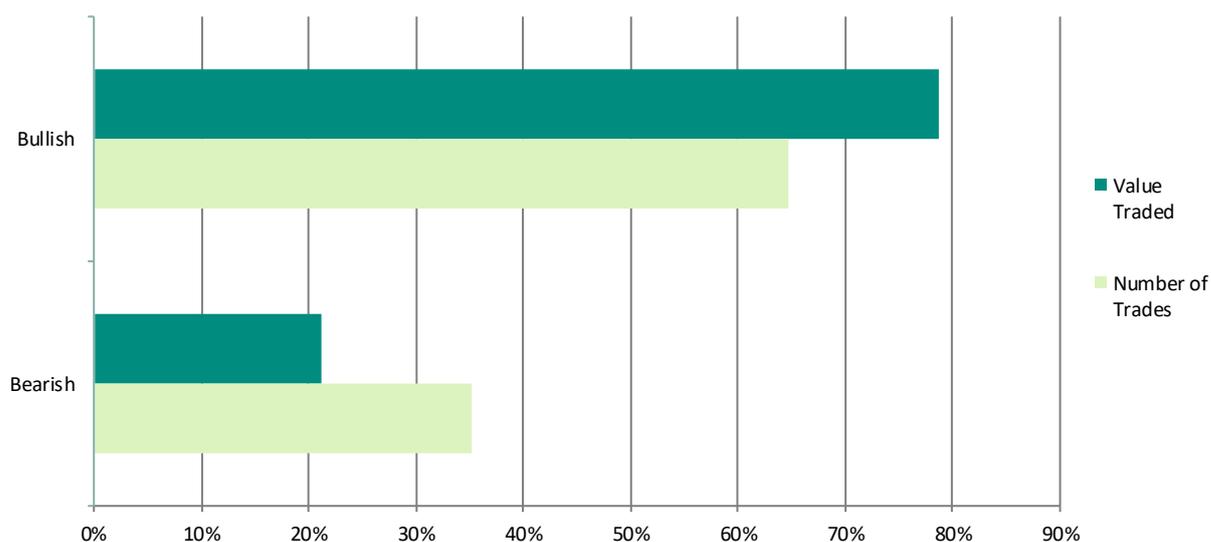
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	285	-13.7%	-52%	78.7%	108	-20.7%	-23.9%	64.8%
Bearish	77	-49%	-56%	21.3%	59	-40%	-40%	35.2%
Total	362	-24.9%	-52.7%	100%	167	-28.7%	-30.3%	100%

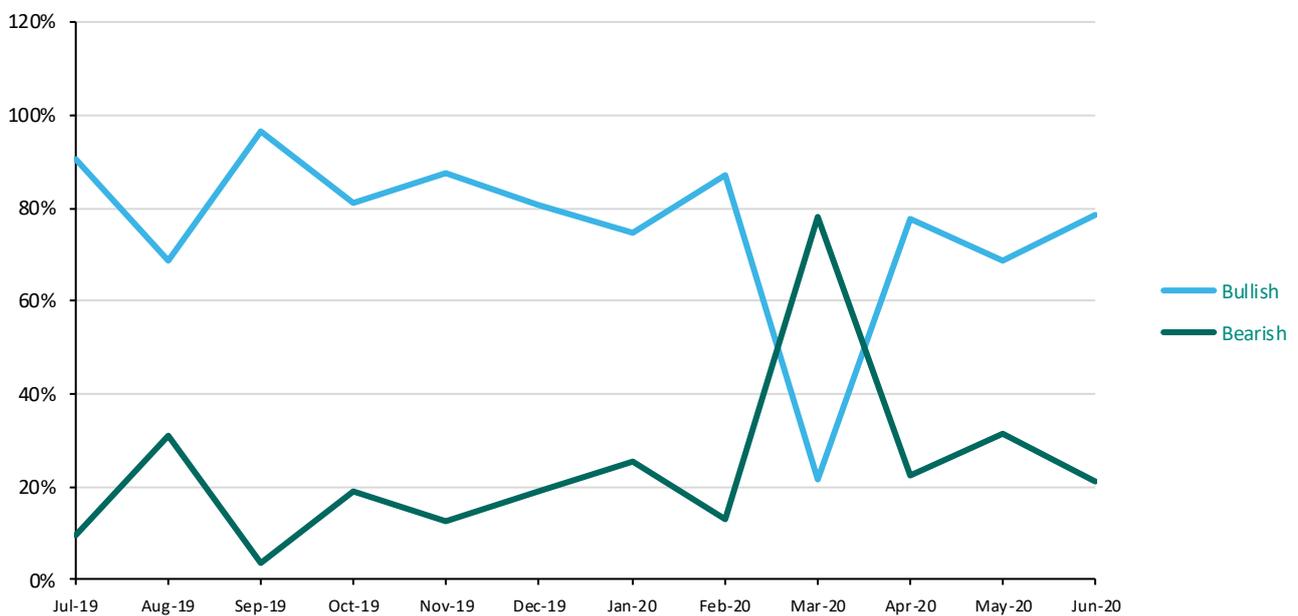
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# PRODUCT STRATEGIES

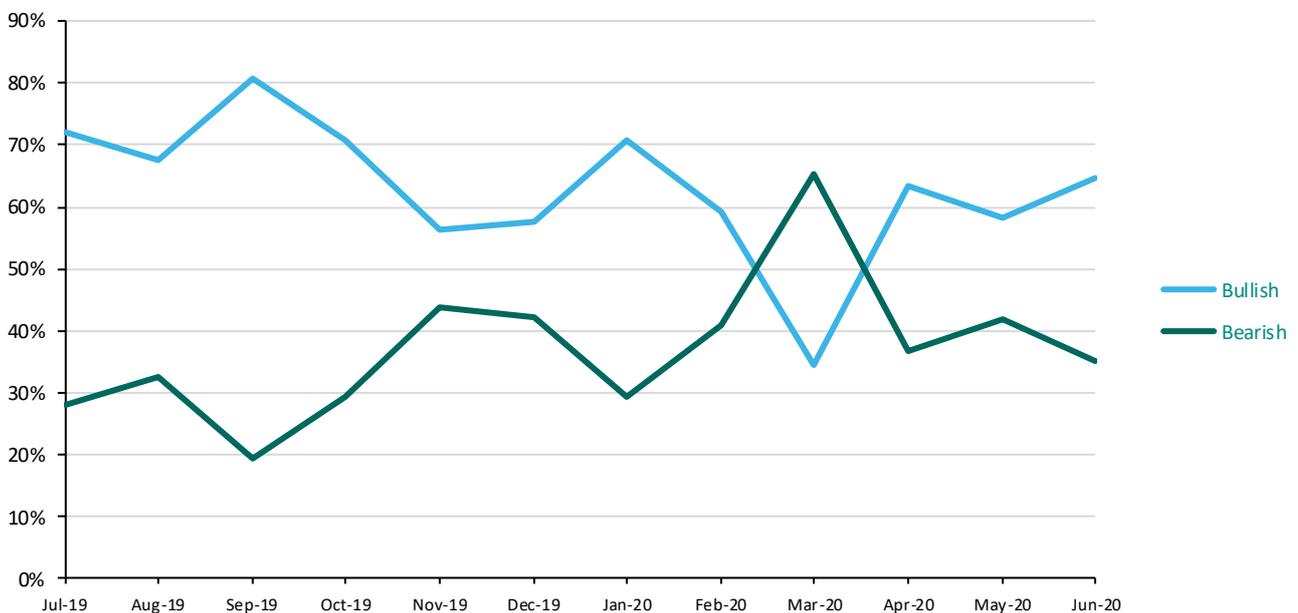
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

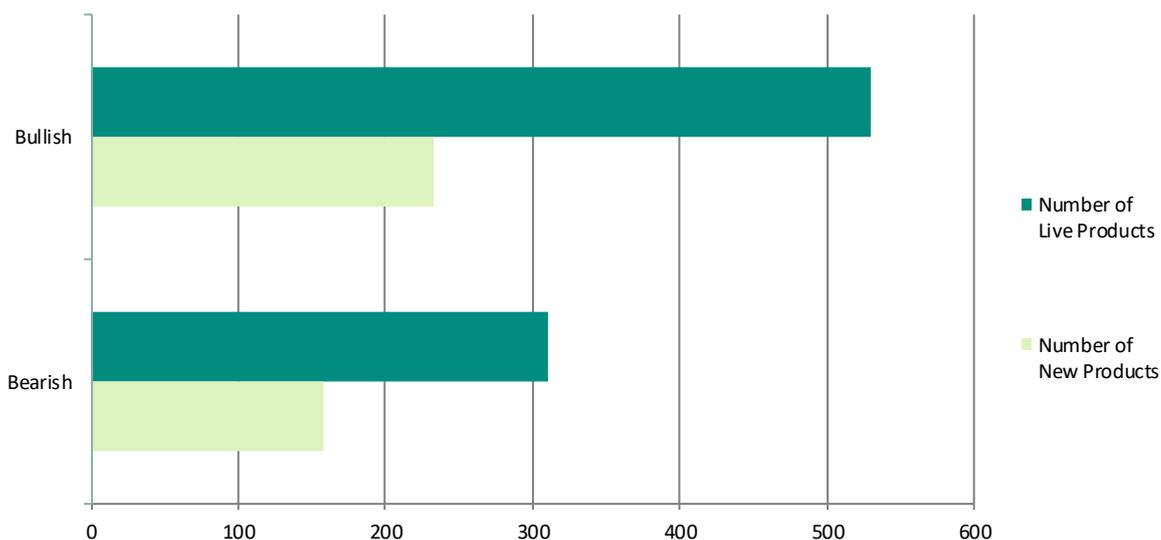
## Product Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	530	14.9%	1.7%	63.0%	233	30%	19.3%	59.6%
Bearish	311	-19.1%	11.3%	37.0%	158	42%	20%	40.4%
Total	841	-0.6%	5.1%	100%	391	34.8%	19.7%	100%

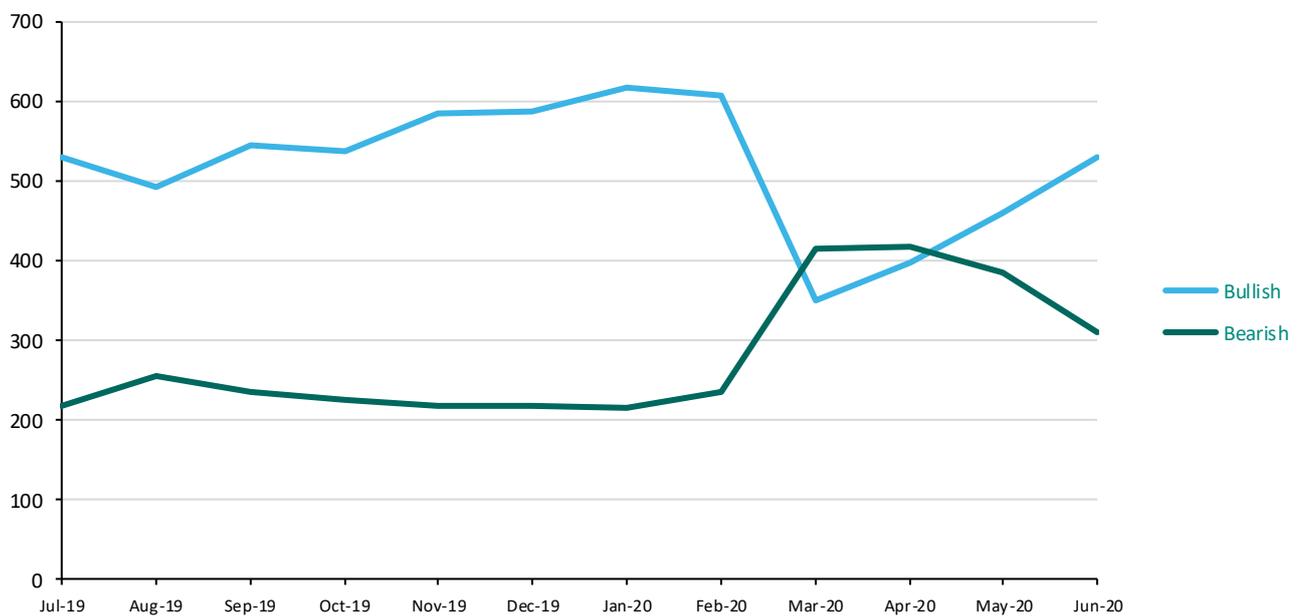
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# PRODUCT STRATEGIES

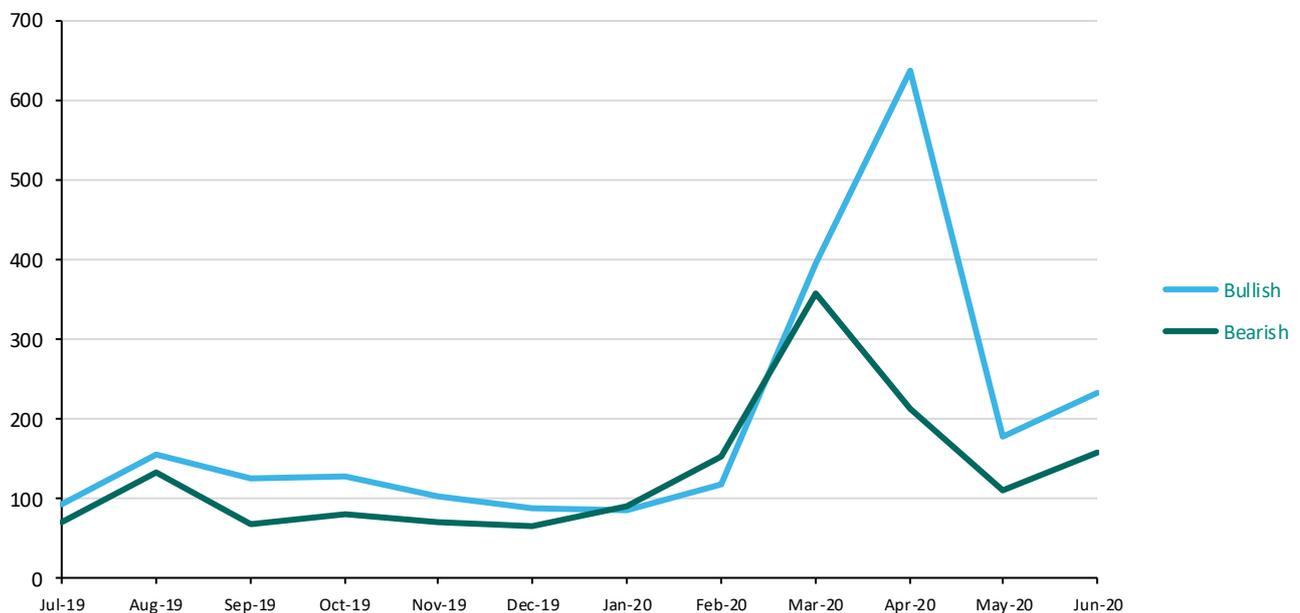
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## UNDERLYING TYPES

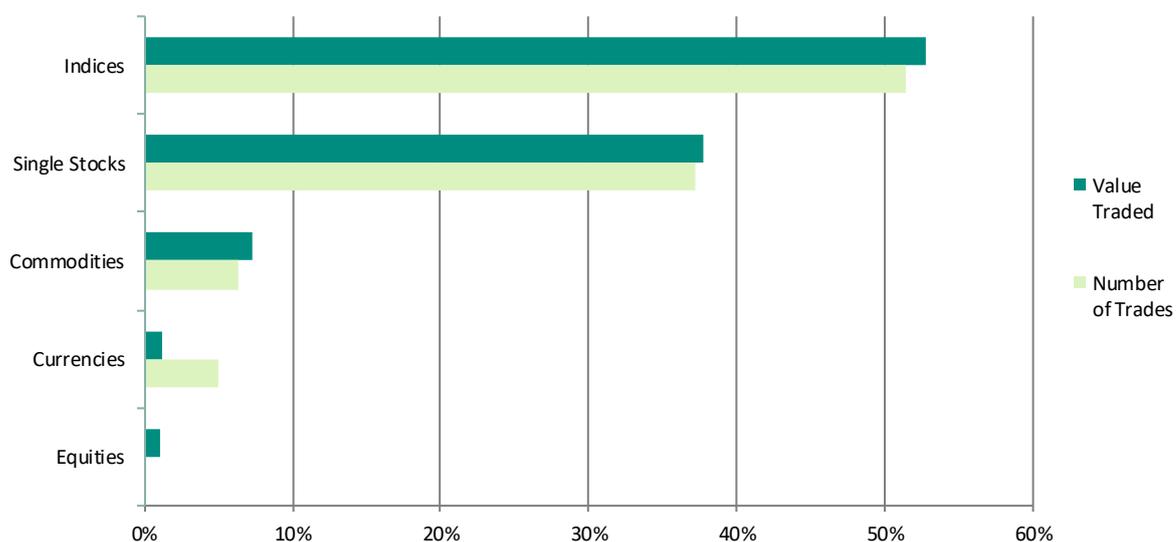
### Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	191	-44%	-64%	52.8%	86	-41.6%	-45.5%	51.4%
Single Stocks	137	16.7%	59%	37.7%	62	-14.2%	8.4%	37.3%
Commodities	26	18.3%	-30%	7.3%	11	-12.8%	-49.2%	6.3%
Currencies	4	112%	171%	1.1%	8.4	204.1%	148.4%	5.0%
Equities	4		-97%	1.0%	0.0		-92.9%	0.0%
<b>Total</b>	<b>362</b>	<b>-24.9%</b>	<b>-52.7%</b>	<b>100%</b>	<b>167</b>	<b>-28.7%</b>	<b>-30.3%</b>	<b>100%</b>

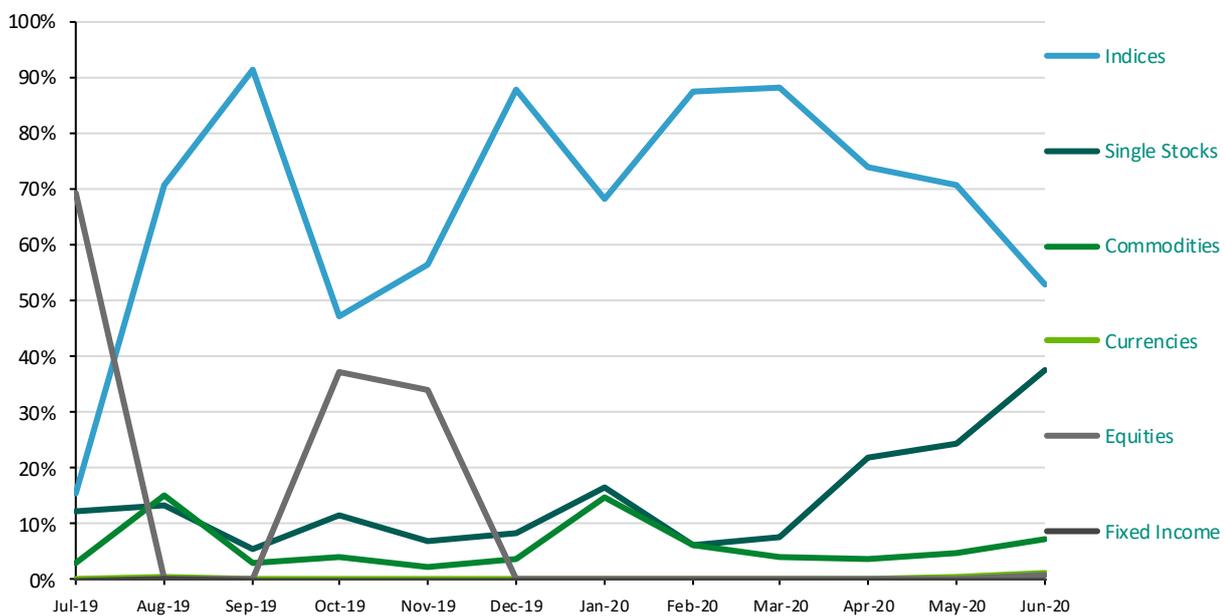
(Source Euronext)



# UNDERLYING TYPES

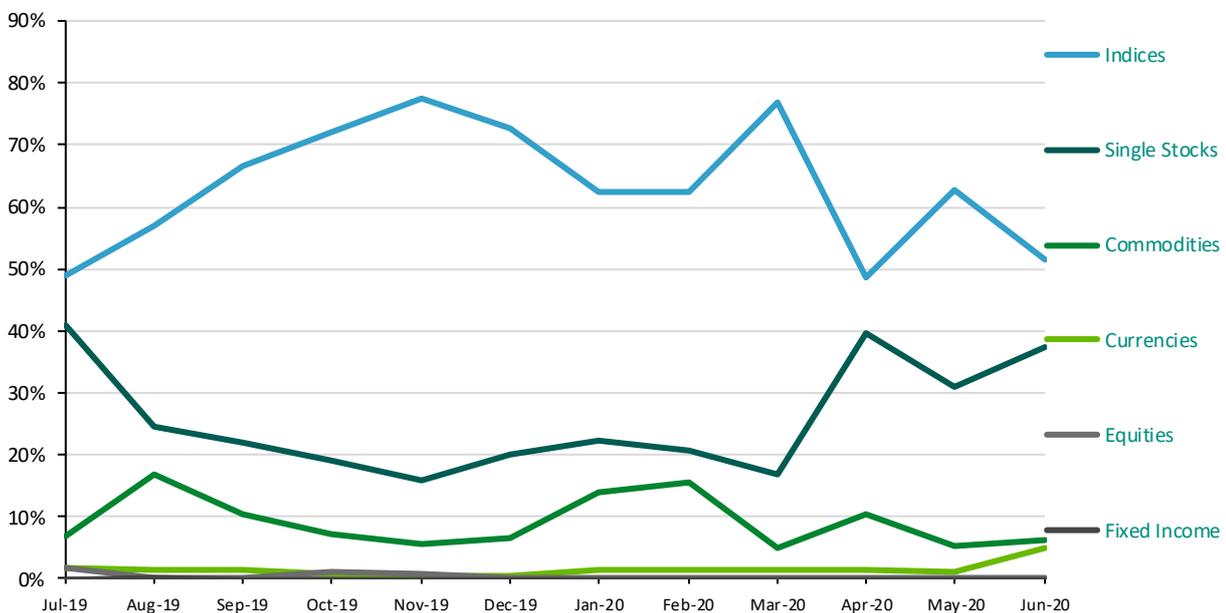
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## UNDERLYING TYPES

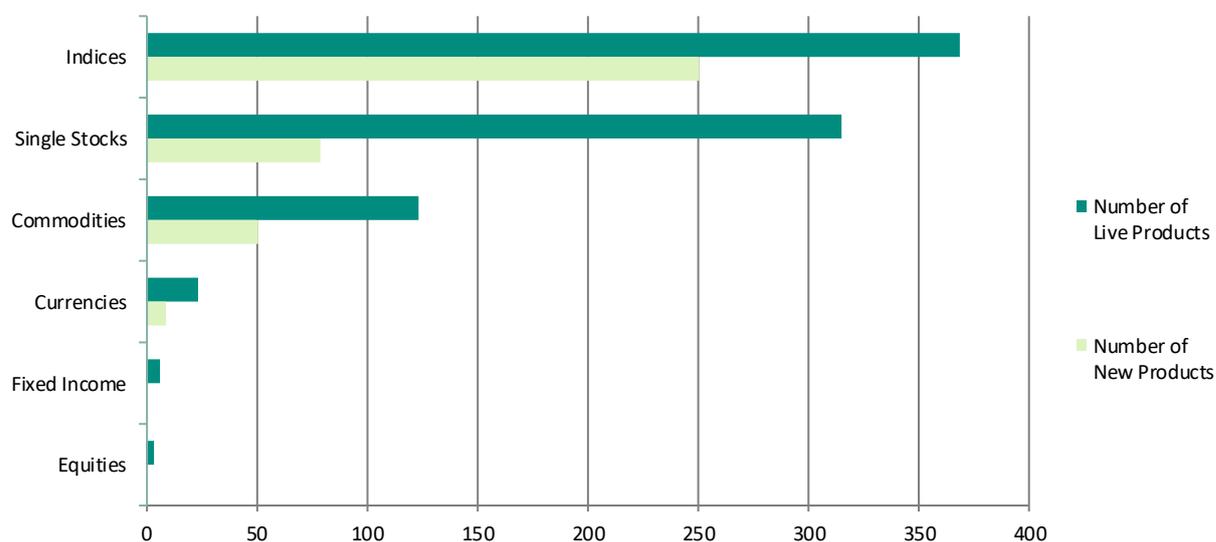
### Product Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	369	-3.3%	1.4%	43.8%	251	49%	36%	64.2%
Single Stocks	315	2.9%	3.7%	37.5%	79	44%	7.2%	20.2%
Commodities	124	-0.6%	22%	14.7%	51	-12.1%	-17.5%	13.0%
Currencies	24	-0.9%	3.5%	2.8%	9	12.5%	52%	2.3%
Fixed Income	6	0.0%	-5.6%	0.7%	0		-100%	0.0%
Equities	4	-4.5%	41%	0.5%	0		-100%	0.0%
<b>Total</b>	<b>841</b>	<b>-0.6%</b>	<b>5.1%</b>	<b>100%</b>	<b>391</b>	<b>34.8%</b>	<b>19.7%</b>	<b>100%</b>

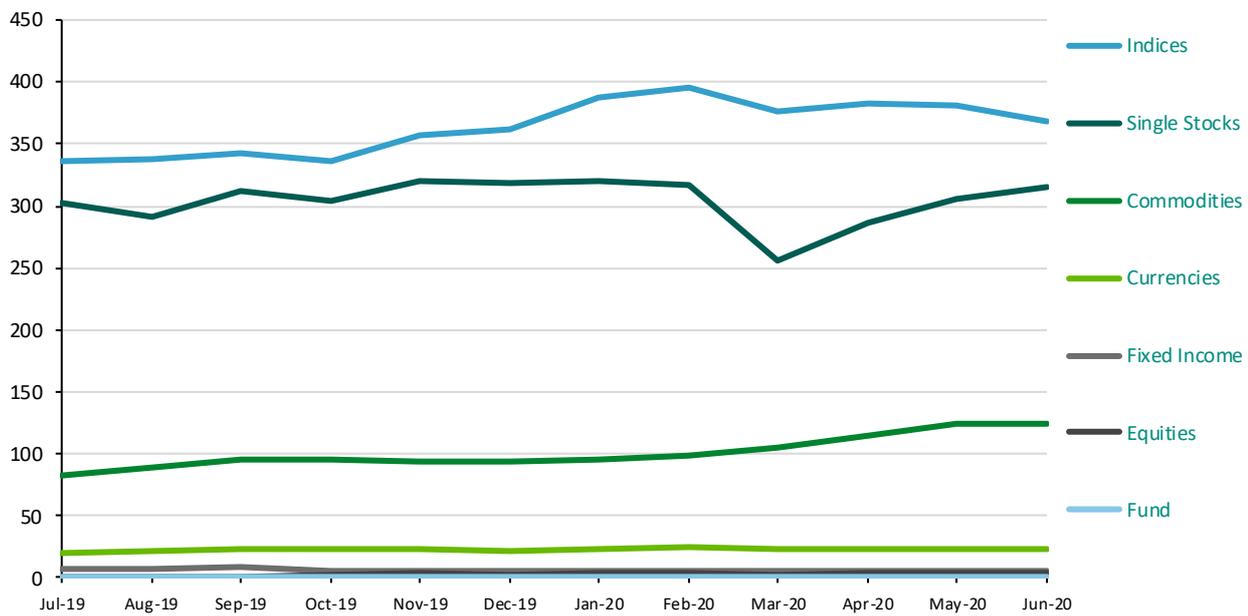
(Source Euronext)



# UNDERLYING TYPES

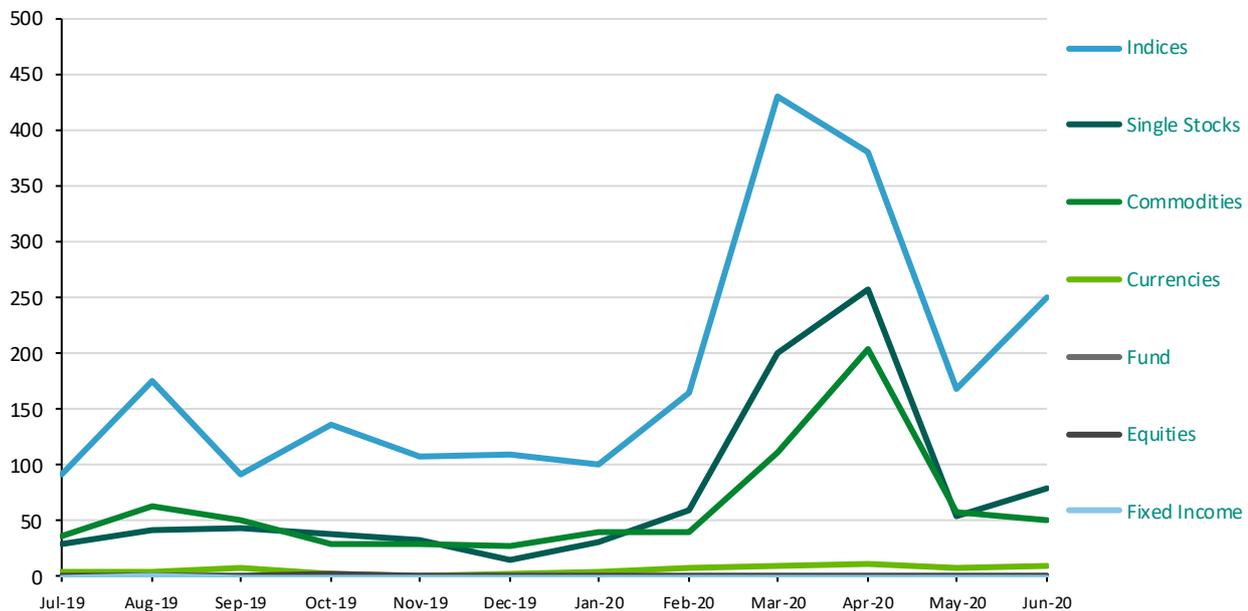
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euroclear Belgium instruments traded on Euronext’s pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euroclear Belgium instruments traded on Euronext’s pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

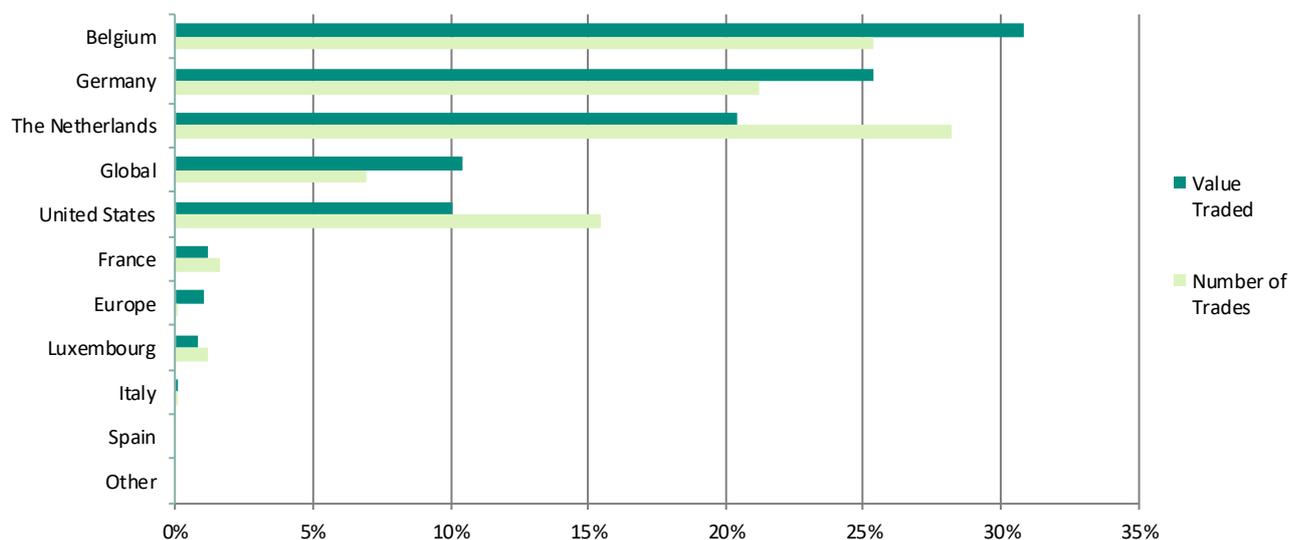
## Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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

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
Belgium	112	12.5%	57%	30.8%	42	-16.0%	1.8%	25.4%
Germany	92	0.4%	-29%	25.4%	36	6.9%	-17.8%	21.2%
The Netherlands	74	-64%	-54%	20.4%	47	-54%	-52%	28.2%
Global	38	61%	-78%	10.4%	12	-9.8%	-47%	7.0%
United States	36	-37%	-47%	10.0%	26	-13.1%	8.0%	15.5%
France	4	2.3%	-54%	1.1%	2.6	-13.6%	-54%	1.6%
Europe	4		-98%	1.0%	0.0		-95%	0.0%
Luxembourg	3	261%	-16.2%	0.8%	1.9	-22%	-44%	1.1%
Italy	0	-59%	-25%	0.0%	0.1	-77%	-53%	0.1%
Spain	0		-100%	0.0%	0.0		-100%	0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>362</b>	<b>-24.9%</b>	<b>-52.7%</b>	<b>100%</b>	<b>167</b>	<b>-28.7%</b>	<b>-30.3%</b>	<b>100%</b>

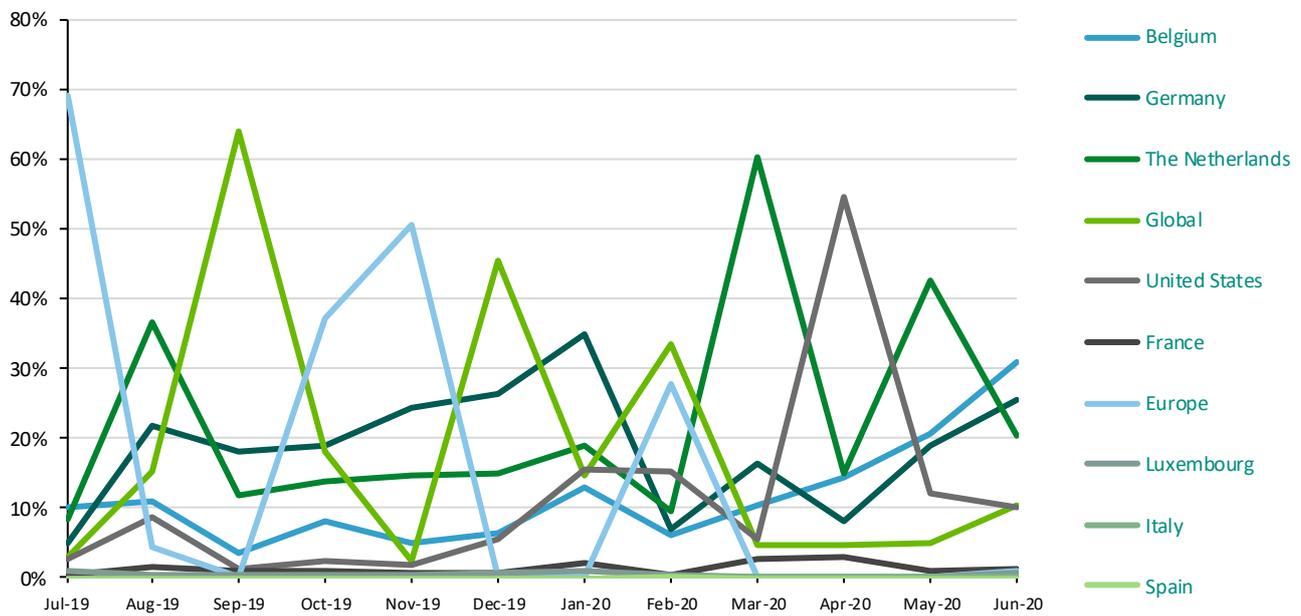
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

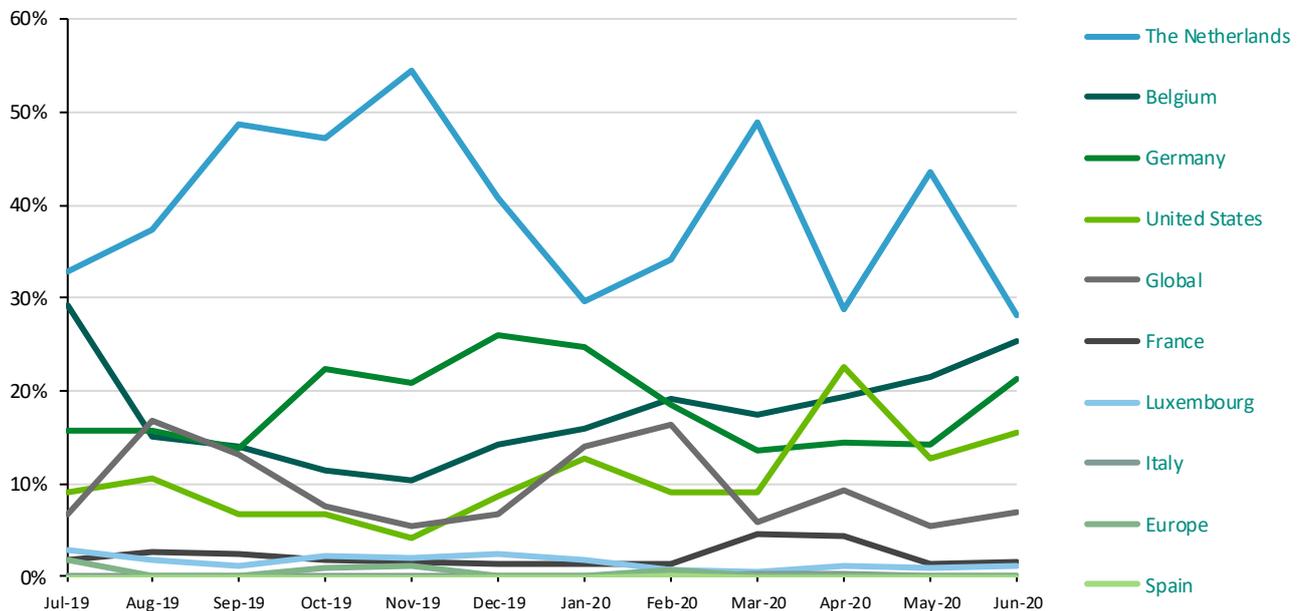
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## TOP 10 UNDERLYING COUNTRIES

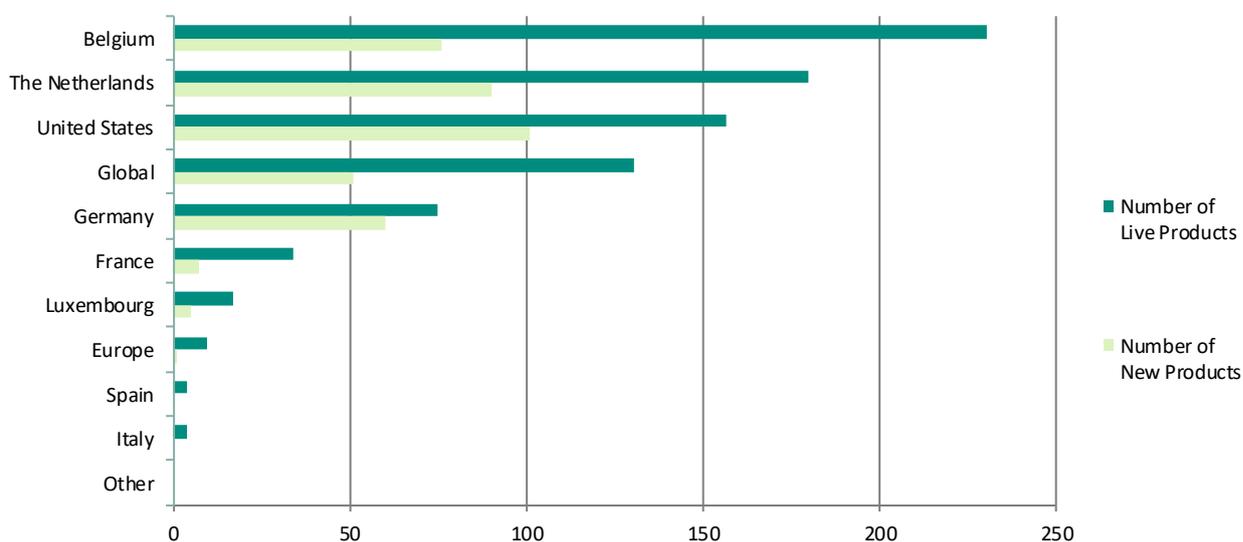
### Product Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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

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	230	1.5%	0.1%	27.4%	76	138%	34%	19.4%
The Netherlands	180	-1.5%	2.2%	21.4%	90	25%	16.9%	23.0%
United States	156	-3.2%	9.1%	18.6%	101	51%	45%	25.8%
Global	130	-1.2%	22%	15.5%	51	-12.1%	-13.9%	13.0%
Germany	75	-1.1%	18.1%	8.9%	60	25%	37%	15.3%
France	34	4.3%	-31%	4.0%	7	40%	-44%	1.8%
Luxembourg	17	21%	28%	2.0%	5	-29%	-14.3%	1.3%
Europe	10	-18.6%	-3.3%	1.2%	1	0.0%	-43%	0.3%
Spain	4	0.0%	0.0%	0.5%	0		-100%	0.0%
Italy	4	0.0%	0.8%	0.5%	0			0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
<b>Total</b>	<b>841</b>	<b>-0.6%</b>	<b>5.1%</b>	<b>100%</b>	<b>391</b>	<b>34.8%</b>	<b>19.7%</b>	<b>100%</b>

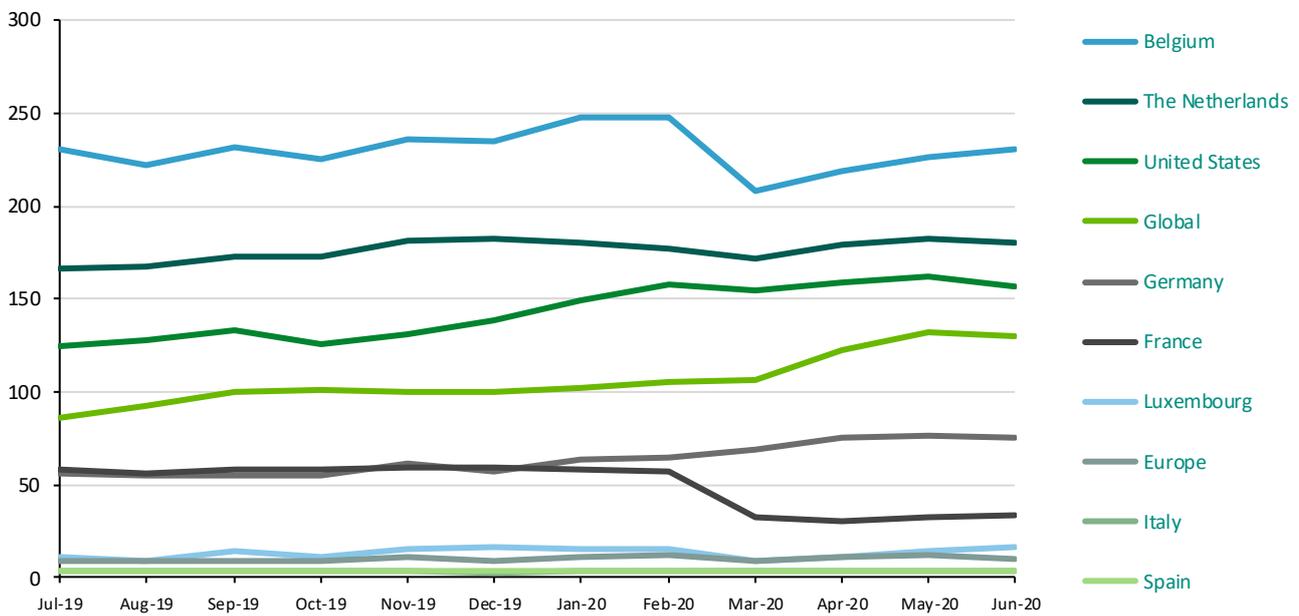
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

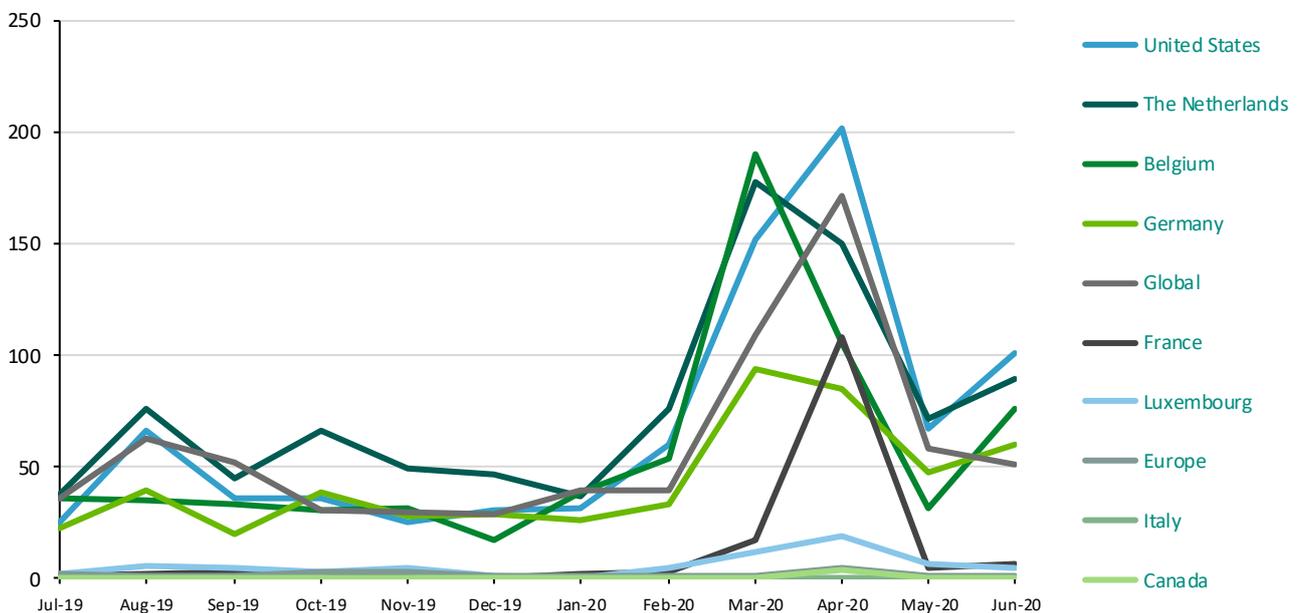
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

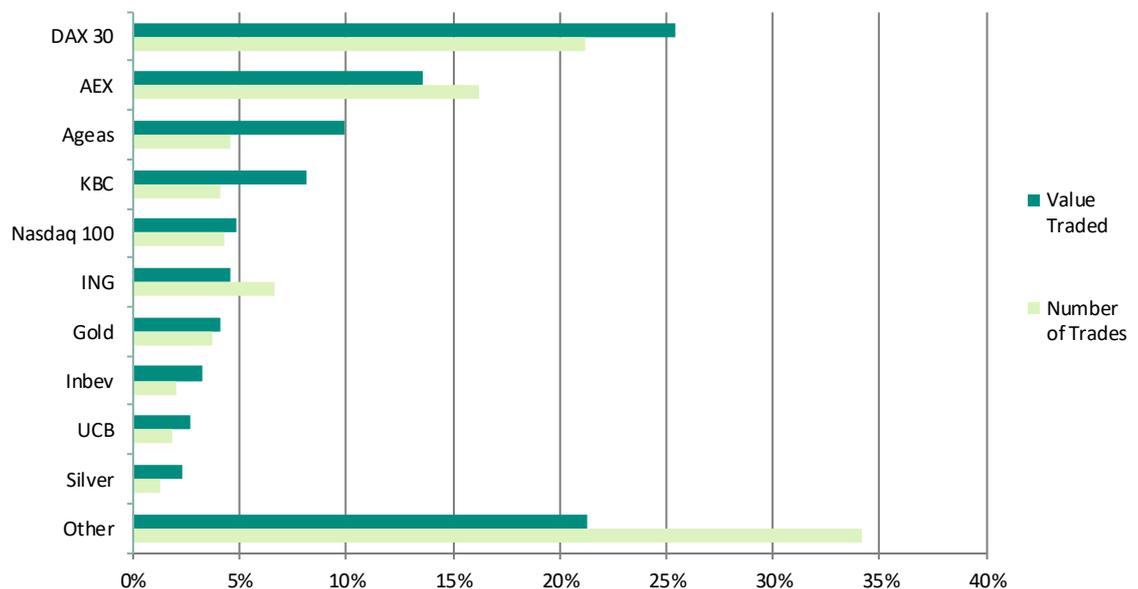
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	92	0.4%	-29%	25.4%	36	6.9%	-17.8%	21.2%
AEX	49	-74%	-66%	13.6%	27	-68%	-67%	16.3%
Ageas	36	-11.9%	202%	9.9%	7.6	-32%	187%	4.6%
KBC	29	13.6%	236%	8.1%	6.8	-47%	48%	4.0%
Nasdaq 100	18	-20.0%	25%	4.9%	7.1	-2.2%	19.6%	4.3%
ING	17	197%	267%	4.6%	11	79%	176%	6.6%
Gold	15	-10.4%	-38%	4.1%	6.2	-15.9%	-47%	3.7%
Inbev	12	-3.4%	94%	3.2%	3.4	-39%	-12.6%	2.0%
UCB	10	287%	36%	2.7%	3.0	74%	-7.2%	1.8%
Silver	8	725%	-16.9%	2.3%	2.1	38%	-54%	1.3%
Other	77	6.4%	-81%	21.3%	57	-9.6%	-22%	34.2%
<b>Total</b>	<b>362</b>	<b>-24.9%</b>	<b>-52.7%</b>	<b>100%</b>	<b>167</b>	<b>-28.7%</b>	<b>-30.3%</b>	<b>100%</b>

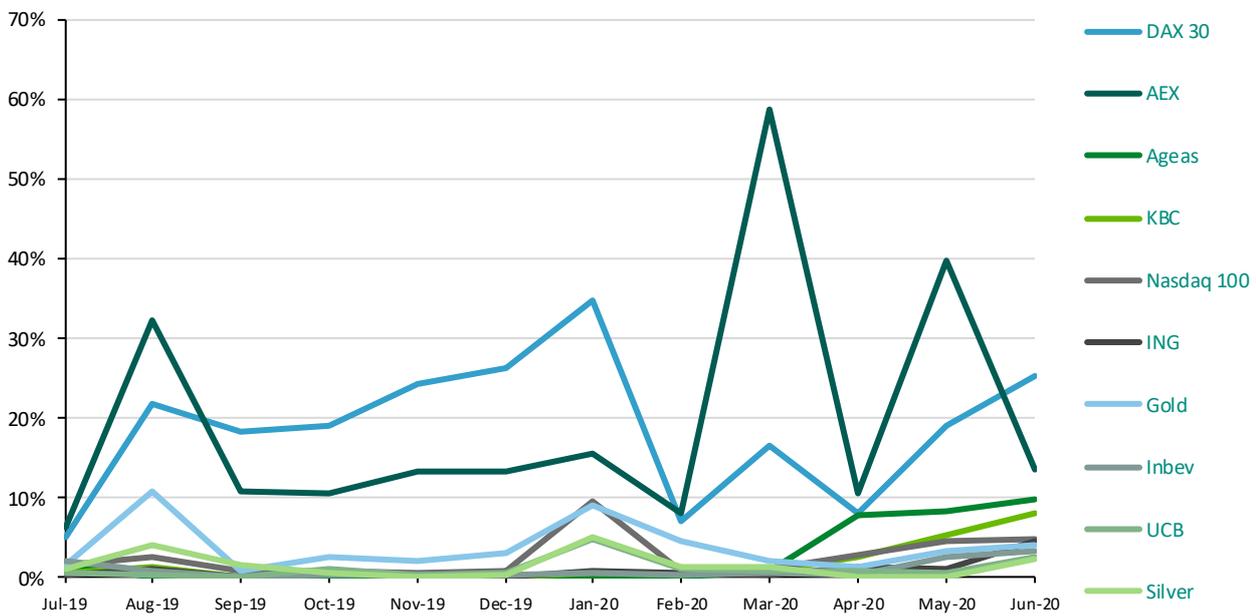
(Source Euronext)



# TOP 10 UNDERLYINGS

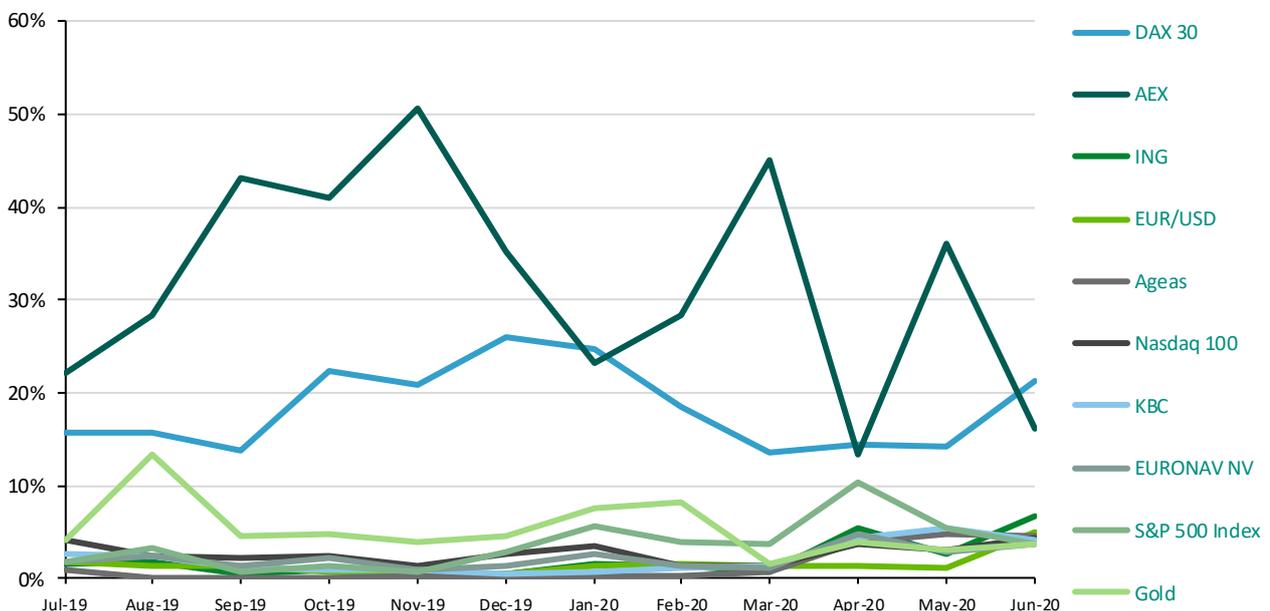
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

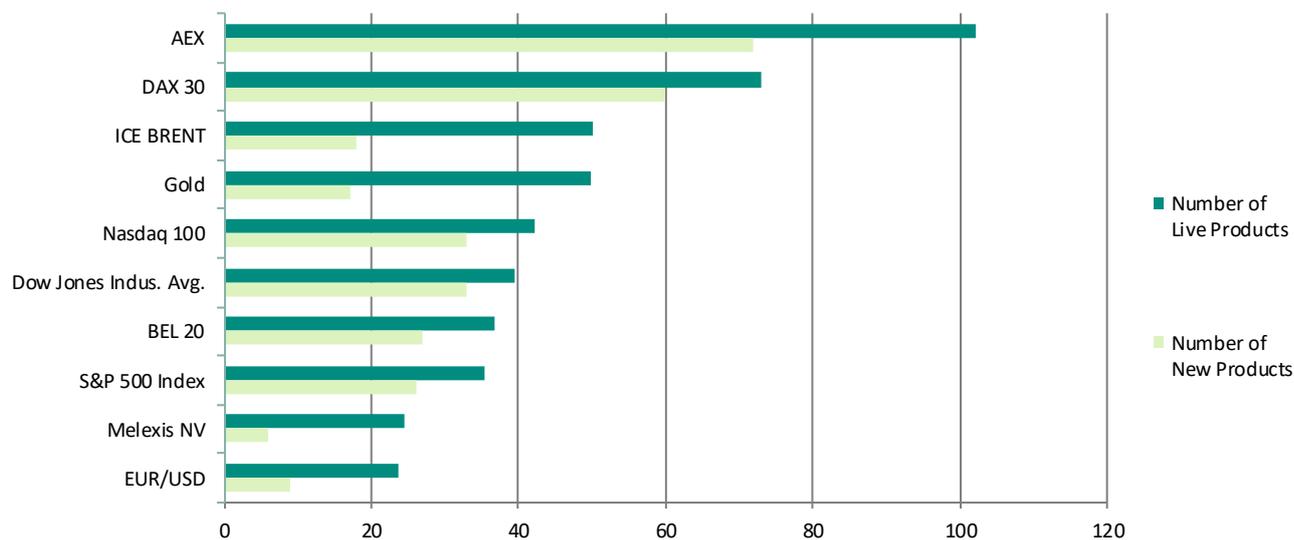
## Product Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Euroclear Belgium instruments traded on Euronext's pan-European MTF, 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.

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	102	-3.3%	3.0%	12.2%	72	18.0%	21%	18.4%
DAX 30	73	-1.2%	19.2%	8.7%	60	25%	38%	15.3%
ICE BRENT	50	0.4%	57%	6.0%	18	20.0%	-8.1%	4.6%
Gold	50	1.1%	17.6%	5.9%	17	-23%	-24%	4.3%
Nasdaq 100	42	7.0%	19.5%	5.0%	33	57%	51%	8.4%
Dow Jones Indus. Avg.	39	-2.5%	18.4%	4.7%	33	50%	62%	8.4%
BEL 20	37	1.8%	-17.3%	4.4%	27		56%	6.9%
S&P 500 Index	35	-14.1%	13.8%	4.2%	26	63%	55%	6.6%
Melexis NV	24	5.2%	17.5%	2.9%	6	100%	-1.4%	1.5%
EUR/USD	24	-0.9%	3.5%	2.8%	9	12.5%	52%	2.3%
Other	364	0.4%	-3.7%	43.3%	90		-3.3%	23.0%
<b>Total</b>	<b>841</b>	<b>-0.6%</b>	<b>5.1%</b>	<b>100%</b>	<b>391</b>	<b>34.8%</b>	<b>19.7%</b>	<b>100%</b>

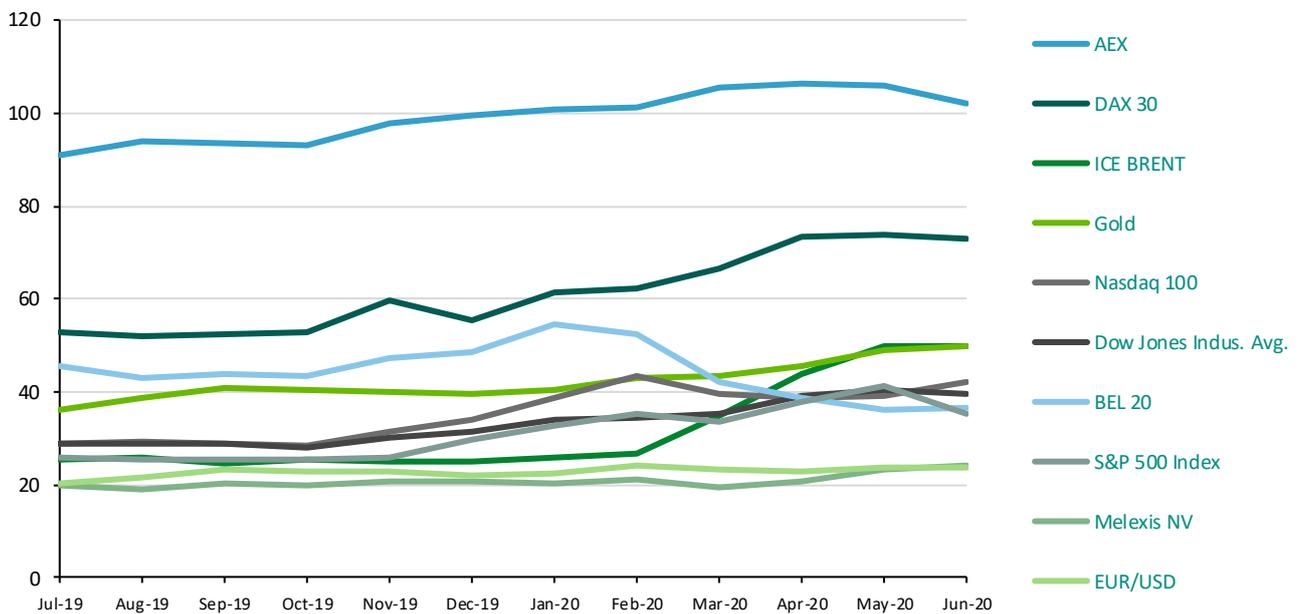
(Source Euronext)



# TOP 10 UNDERLYINGS

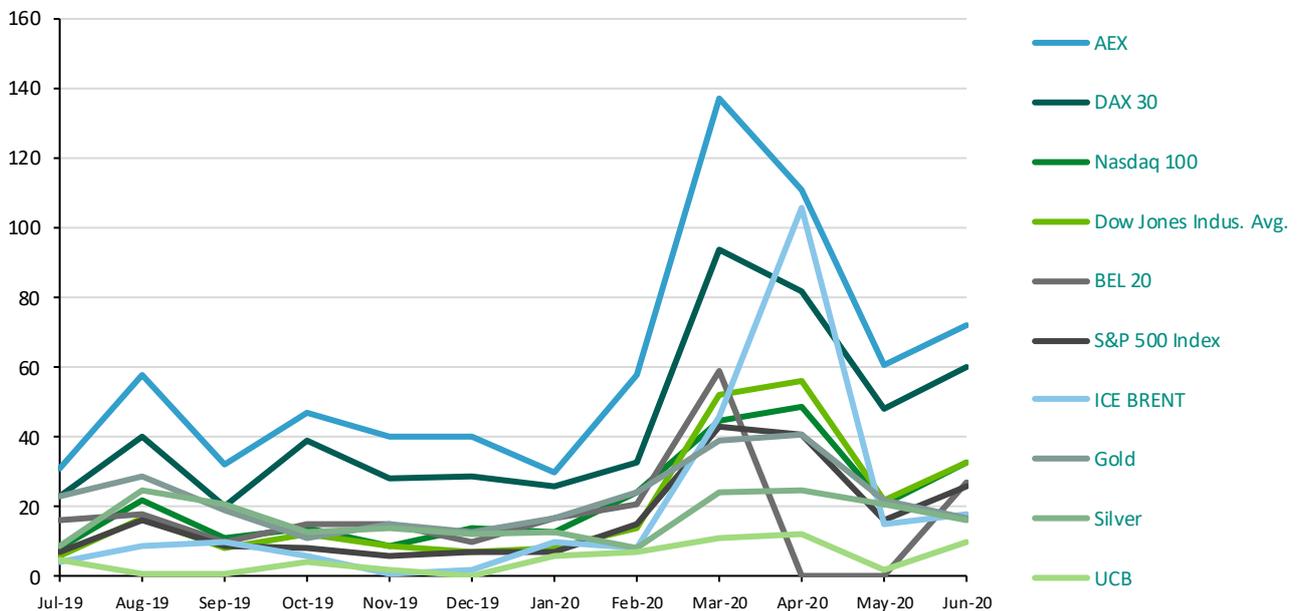
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euroclear Belgium instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euroclear Belgium instruments traded on Euronext's pan-European MTF.

ISIN Code	Issuer		Product Type	Underlying	Value Traded (in €k)	Nb of Trades
DE000SB00RB7	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	522	86
DE000SB0RHR9	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	443	80
DE000CL7LYE6	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	284	29
DE000SR8RGZ9	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	234	53
DE000SB0KCA1	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	225	53
DE000SB1SX21	Société Générale	2205	Open-End Knock-Out Warrants	Gold	190	30
DE000CL3ZMW2	Société Générale	2205	Open-End Knock-Out Warrants	KBC	174	6
DE000CL3ZHN1	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	165	18
DE000SB1XS0	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	156	66
DE000SB00Q17	Société Générale	2205	Open-End Knock-Out Warrants	Silver	149	14
DE000CL89W19	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	144	25
DE000SB0RHM0	Société Générale	2205	Open-End Knock-Out Warrants	AEX	141	44
DE000SB0HMC2	Société Générale	2205	Open-End Knock-Out Warrants	AEX	133	14
DE000SB0K2N1	Société Générale	2205	Open-End Knock-Out Warrants	KBC	124	34
DE000SB1BLB7	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	116	47
DE000CR0KZD6	Société Générale	2205	Open-End Knock-Out Warrants	UCB	116	2
DE000SB18TZ4	Société Générale	2205	Open-End Knock-Out Warrants	AEX	113	82
DE000CJ3K803	Société Générale	2205	Open-End Knock-Out Warrants	AEX	113	46
DE000CL3Y7P9	Société Générale	2205	Open-End Knock-Out Warrants	ING	112	66
DE000CL85VE7	Société Générale	2205	Open-End Knock-Out Warrants	Inbev	104	4
DE000CJ3M882	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	102	39
DE000SB1X0A6	Société Générale	2205	Open-End Knock-Out Warrants	AEX	85	49
DE000SB1SXY8	Société Générale	2205	Open-End Knock-Out Warrants	KBC	83	23
LU2019984769	KBC	1260	Express Certificates	EURO STOXX 30 SELECT DIVIDEN	81	1
DE000SB1SXH3	Société Générale	2205	Open-End Knock-Out Warrants	AEX	77	29
LU2091973243	KBC	1260	Express Certificates	STOXX 600 Banks Index	76	1
LU2091973755	KBC	1260	Express Certificates	STOXX 600 Banks Index	76	1
DE000SR8UUV3	Société Générale	2205	Open-End Knock-Out Warrants	KBC	73	16
LU2051401318	KBC	1260	Express Certificates	STOXX 600 Oil & Gas Index	73	1
DE000SB0HMH1	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	71	26
DE000CL3Y7Q7	Société Générale	2205	Open-End Knock-Out Warrants	KBC	70	20
DE000SB0KCB9	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	68	16
DE000SB11EB2	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	68	40
DE000SB1SXQ4	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	59	96
DE000SR8E9T9	Société Générale	2205	Open-End Knock-Out Warrants	Inbev	59	7
DE000SR8CGT4	Société Générale	2205	Open-End Knock-Out Warrants	Total	55	30
DE000CL8PPG8	Société Générale	2205	Open-End Knock-Out Warrants	KBC	54	23
DE000CJ3M4P4	Société Générale	2205	Open-End Knock-Out Warrants	S&P 500 Index	54	10
DE000SB1SXX0	Société Générale	2205	Open-End Knock-Out Warrants	ING	52	15
DE000SB1F047	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	51	34
DE000CJ3K357	Société Générale	2205	Open-End Knock-Out Warrants	EUR/USD	50	62
DE000SB0K2E0	Société Générale	2205	Open-End Knock-Out Warrants	ArceIormittal	48	28
DE000SB1XZ97	Société Générale	2205	Open-End Knock-Out Warrants	AEX	47	21
DE000CJ3NFX4	Société Générale	2205	Open-End Knock-Out Warrants	ING	46	17
DE000SR8CGE6	Société Générale	2205	Open-End Knock-Out Warrants	AEX	46	4
DE000CL7LZL8	Société Générale	2205	Open-End Knock-Out Warrants	Gold	41	14
DE000CL8PPE3	Société Générale	2205	Open-End Knock-Out Warrants	EURONAV NV	41	39
DE000SR8E9M4	Société Générale	2205	Open-End Knock-Out Warrants	AEX	38	3
DE000CL87LL9	Société Générale	2205	Open-End Knock-Out Warrants	ICE BRENT	38	21
DE000CJ3M7Z6	Société Générale	2205	Open-End Knock-Out Warrants	AEX	38	46

(Source Euronext)



# Euroclear France Instruments

# ISSUERS

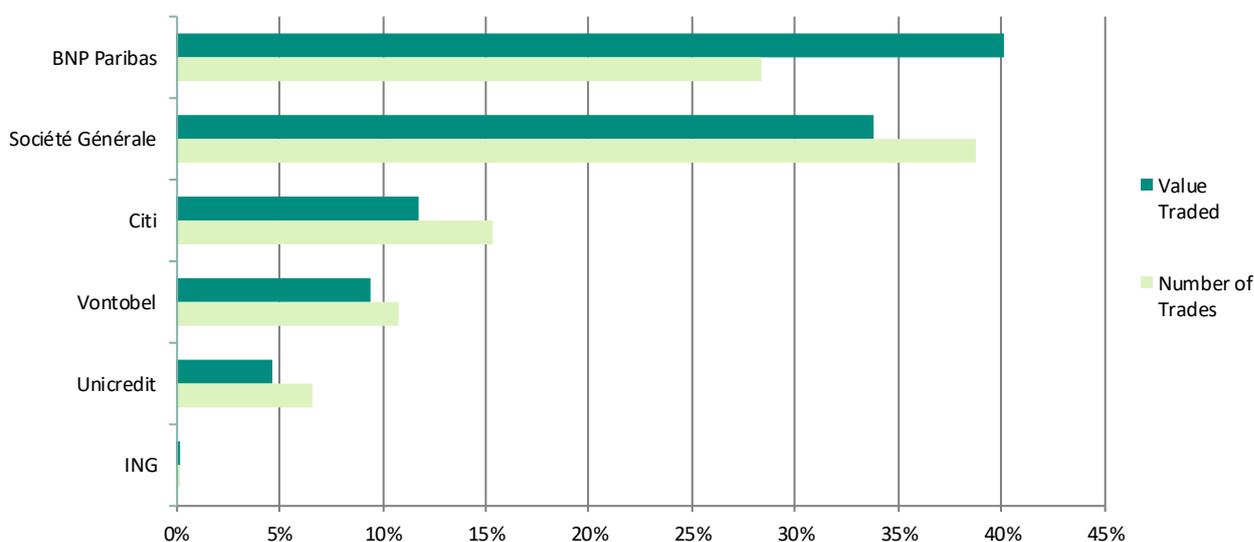
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	11,244	24%	104%	40.2%	2,411	9.7%	56.9%	28.4%
Société Générale	9,456	3.1%	70%	33.8%	3,290	-11.2%	76.0%	38.7%
Citi	3,293	42%	68%	11.8%	1,305	43.4%	44.9%	15.4%
Vontobel	2,643	-6.5%	34%	9.4%	913	-36.2%	0.0%	10.7%
Unicredit	1,298	7.5%	48%	4.6%	561	2.7%	33.2%	6.6%
ING	61	-33%	-25%	0.2%	16	-53.8%	-42.4%	0.2%
<b>Total</b>	<b>27,994</b>	<b>13.3%</b>	<b>51.0%</b>	<b>100%</b>	<b>8,495</b>	<b>-3.7%</b>	<b>25.8%</b>	<b>100%</b>

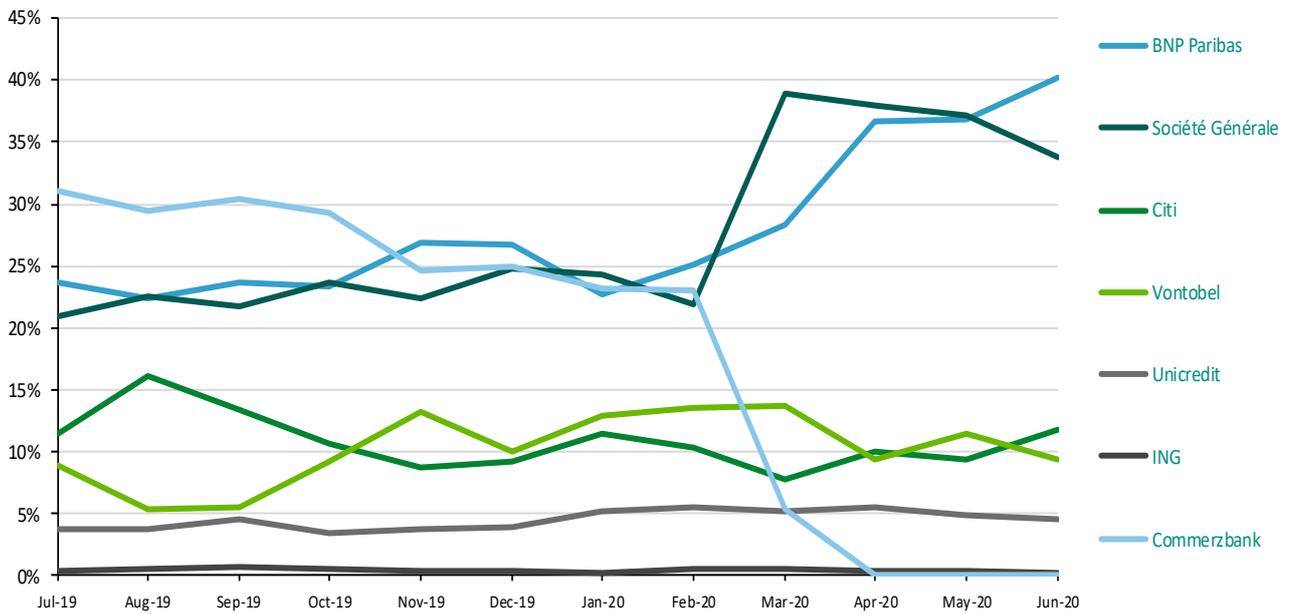
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# ISSUERS

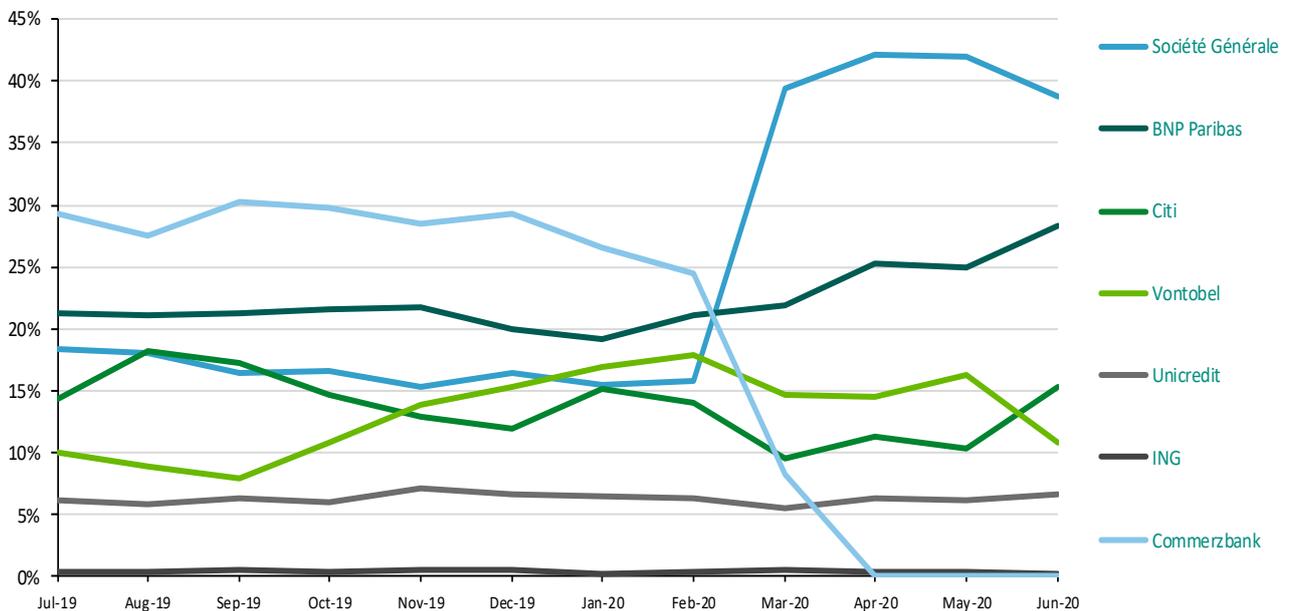
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## 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 Euroclear France instruments traded on Euronext's pan-European MTF.



# ISSUERS

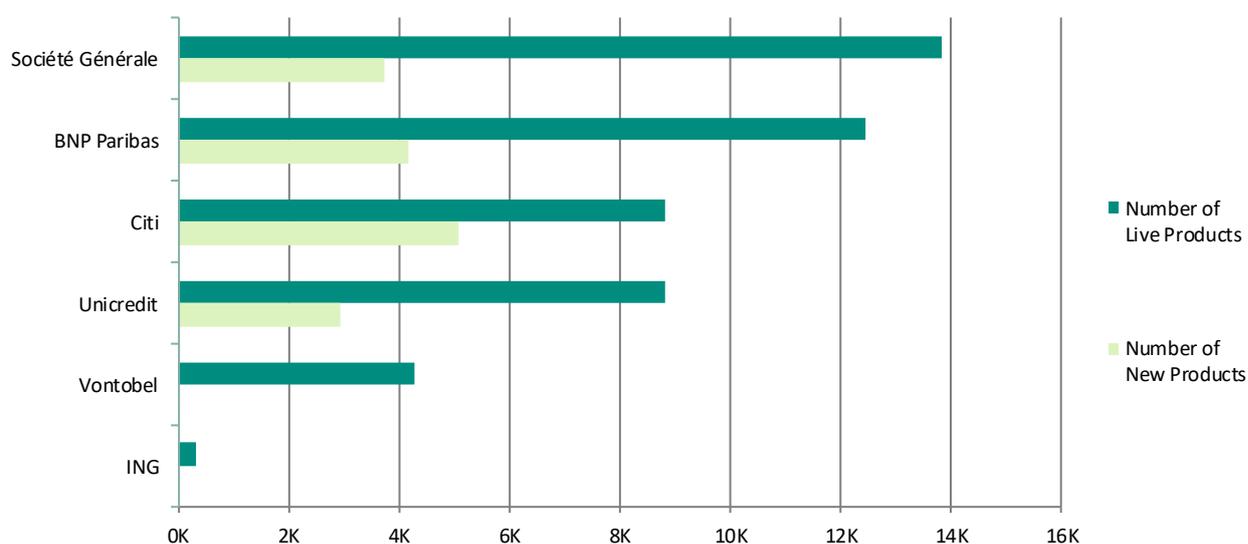
## Product Overview

The table below displays the daily averages of value traded and number of trades per issuer on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	13,847	-5.0%	30%	28.5%	3,749	21%	-14.6%	23.5%
BNP Paribas	12,474	-1.2%	21%	25.7%	4,186	25%	19.2%	26.2%
Citi	8,838	0.7%	-7.2%	18.2%	5,080	13.6%	37%	31.8%
Unicredit	8,812	-1.8%	-2.1%	18.2%	2,949	14.1%	9.6%	18.5%
Vontobel	4,263	-14.5%	1.3%	8.8%	1	-100%	-100%	0.0%
ING	311	-20%	-15.0%	0.6%	0		-100%	0.0%
<b>Total</b>	<b>48,544</b>	<b>-3.5%</b>	<b>-4.7%</b>	<b>100%</b>	<b>15,965</b>	<b>-5.2%</b>	<b>-14.7%</b>	<b>100%</b>

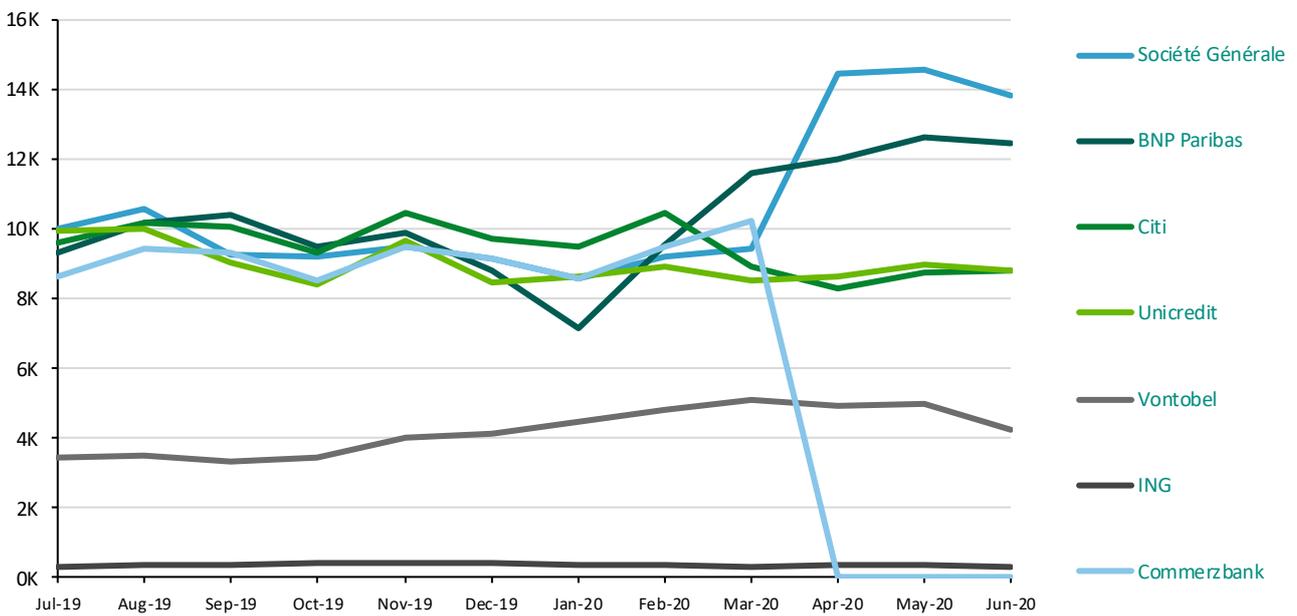
(Source Euronext)



# ISSUERS

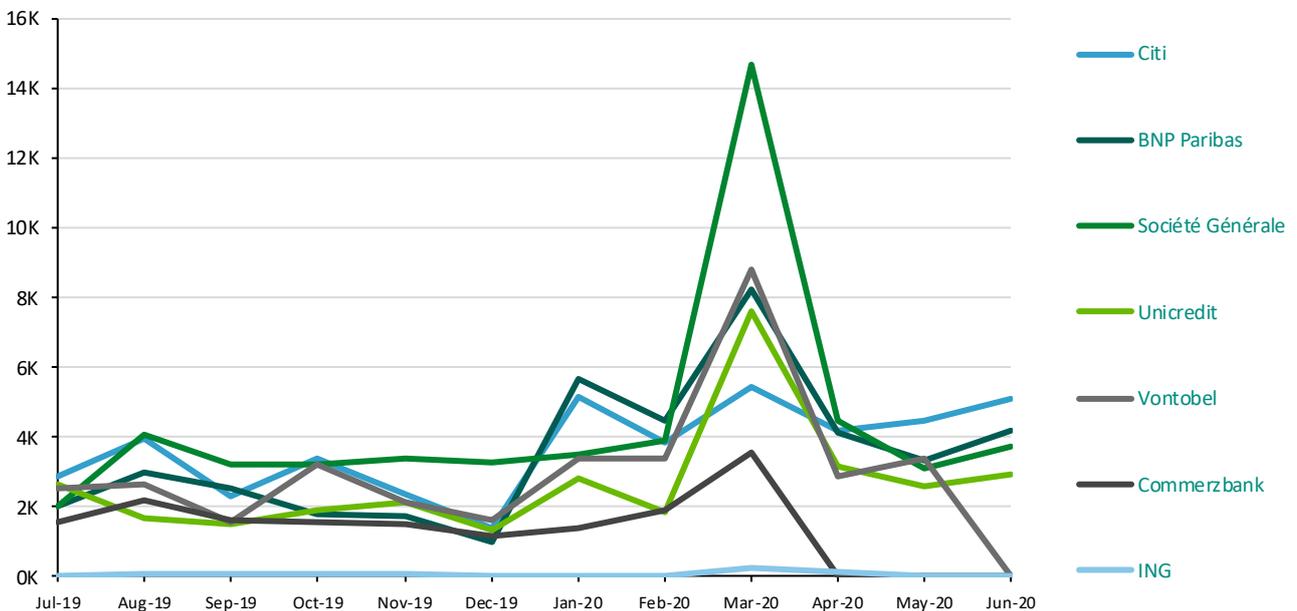
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euroclear France instruments traded on Euronext’s pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euroclear France instruments traded on Euronext’s pan-European MTF.



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

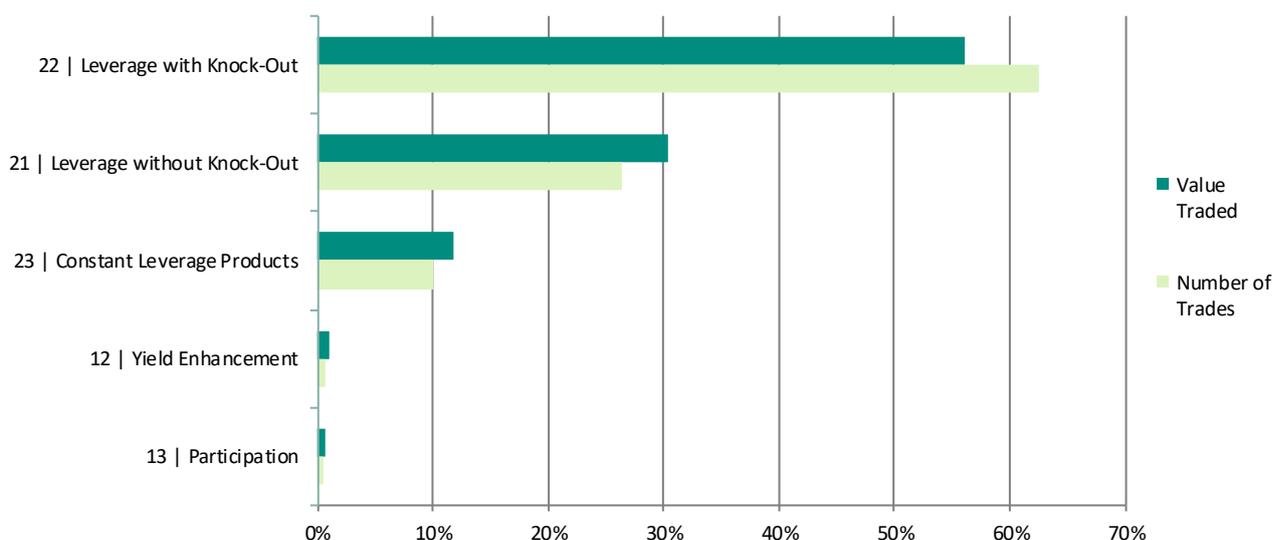
### Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	15,708	0.1%	48%	56.1%	5,314	-13.3%	19.6%	62.6%
21   Leverage without Knock-Out	8,509	34%	78%	30.4%	2,235	25.5%	50.3%	26.3%
23   Constant Leverage Products	3,284	42%	46%	11.7%	855	7.4%	27.4%	10.1%
12   Yield Enhancement	296	40%	-16.7%	1.1%	56	10.2%	4.1%	0.7%
13   Participation	198	21%	-62%	0.7%	36	-45.2%	-64.2%	0.4%
<b>Total</b>	<b>27,994</b>	<b>13.3%</b>	<b>51.0%</b>	<b>100%</b>	<b>8,495</b>	<b>-3.7%</b>	<b>25.8%</b>	<b>100%</b>

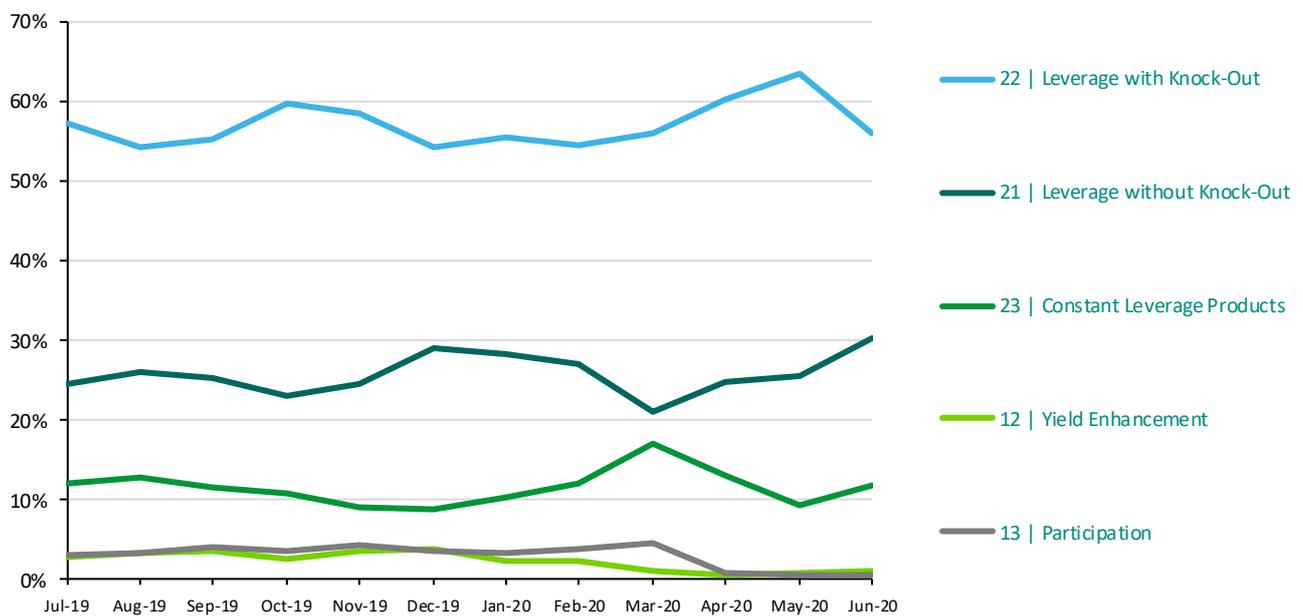
(Source Euronext)



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

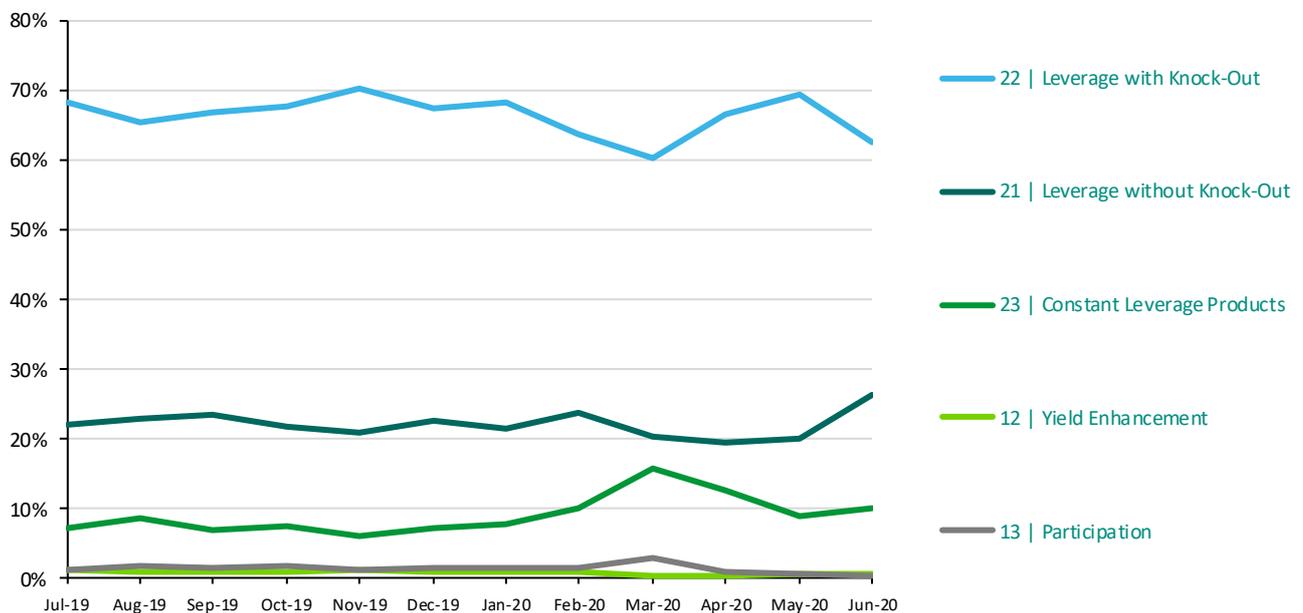
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## 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 Euroclear France instruments traded on Euronext's pan-European MTF.



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

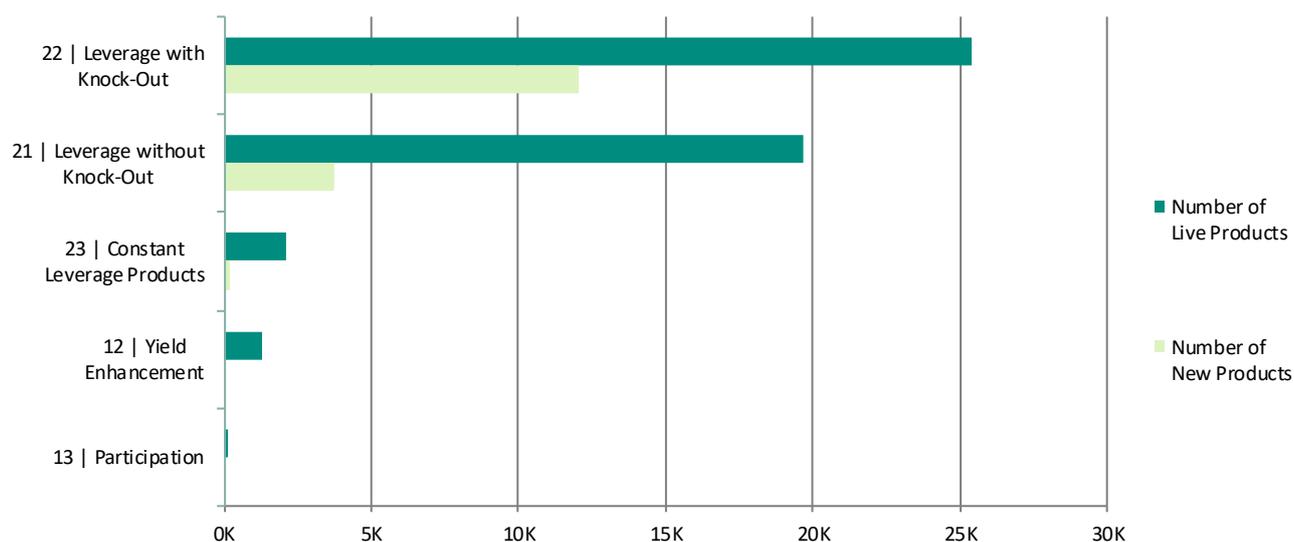
### Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	25,383	-2.3%	0.7%	52.3%	12,020	-5.9%	-14.7%	75.3%
21   Leverage without Knock-Out	19,667	-5.9%	-12.0%	40.5%	3,740	16.2%	-7.7%	23.4%
23   Constant Leverage Products	2,070	2.9%	22%	4.3%	205	-65%	-32%	1.3%
12   Yield Enhancement	1,282	-1.5%	-18.9%	2.6%	0	-100%	-100%	0.0%
13   Participation	142	1.1%	13.3%	0.3%	0	-100%	-100%	0.0%
<b>Total</b>	<b>48,544</b>	<b>-3.5%</b>	<b>-4.7%</b>	<b>100%</b>	<b>15,965</b>	<b>-5.2%</b>	<b>-14.7%</b>	<b>100%</b>

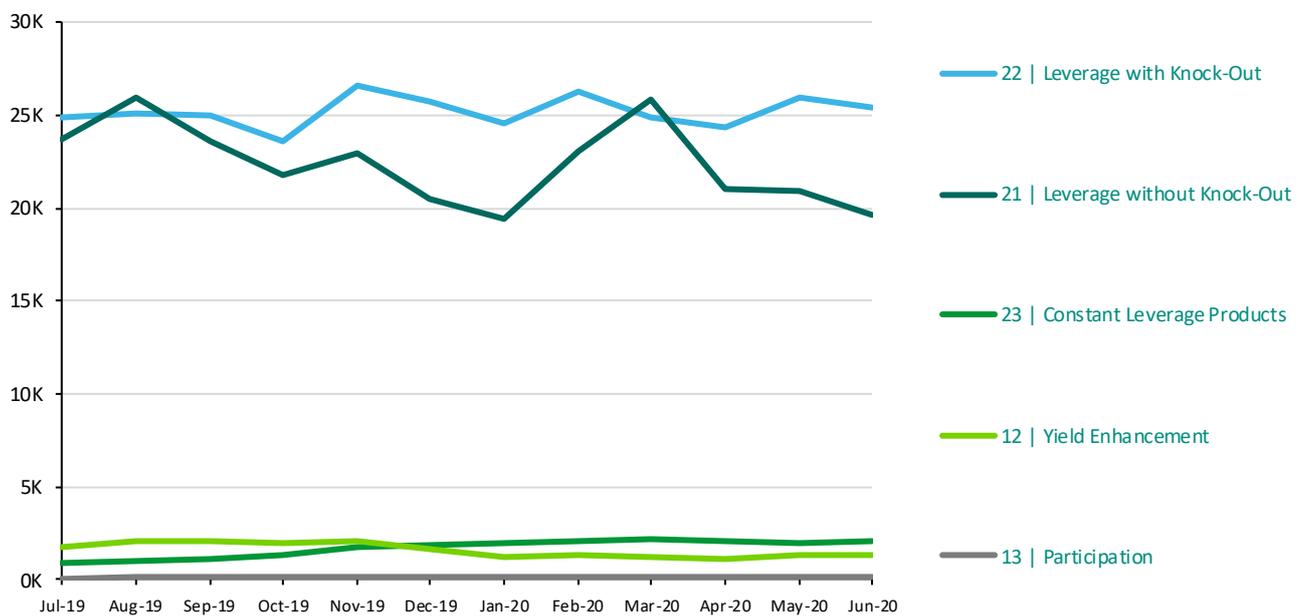
(Source Euronext)



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

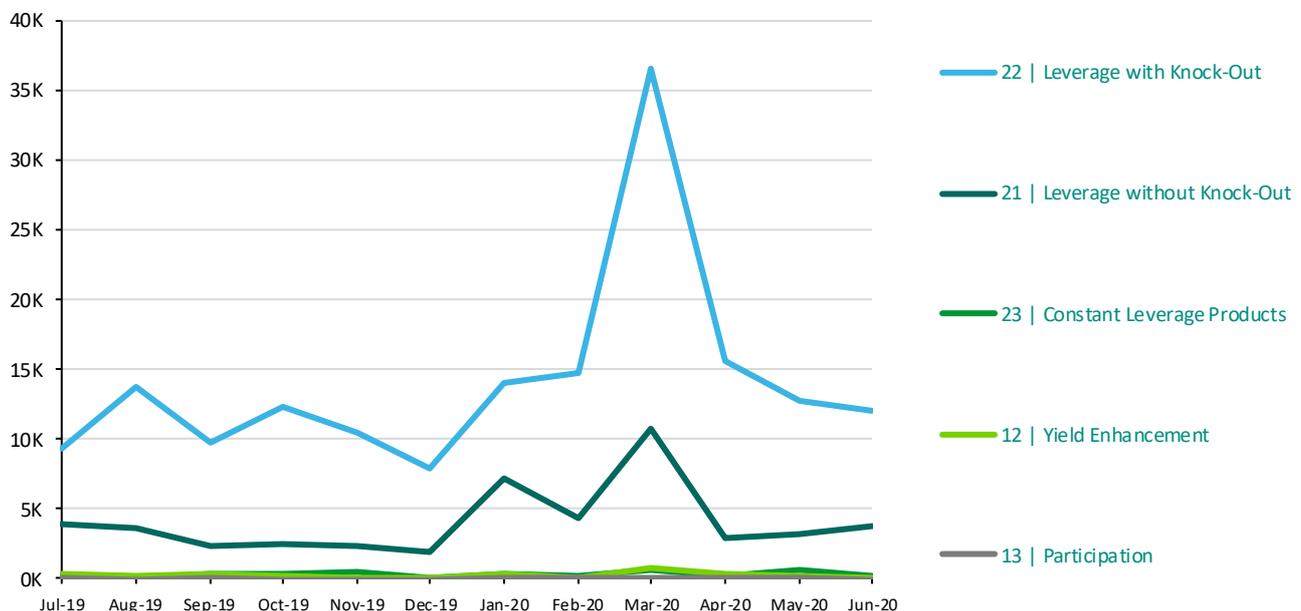
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



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

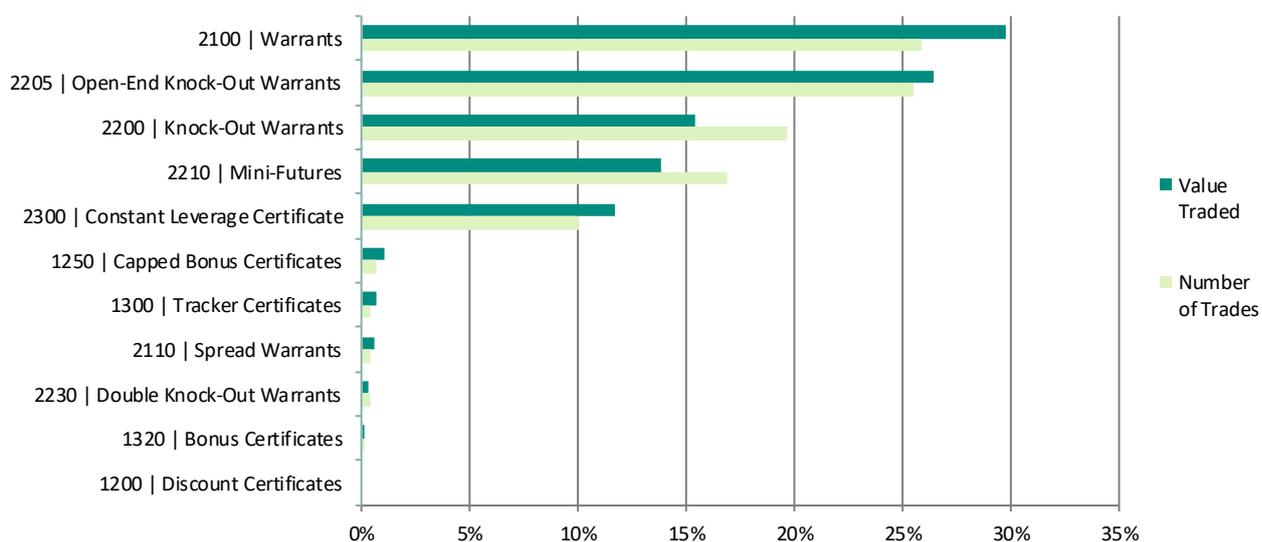
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2100   Warrants	8,352	34%	79%	29.8%	2,198	24.6%	50.1%	25.9%
2205   Open-End Knock-Out Warrants	7,419	8.7%	82%	26.5%	2,170	-15.6%	28%	25.5%
2200   Knock-Out Warrants	4,330	-3.3%	26%	15.5%	1,671	-5.2%	14.0%	19.7%
2210   Mini-Futures	3,879	-9.9%	29%	13.9%	1,439	-18.4%	16.3%	16.9%
2300   Constant Leverage Certificate	3,284	42%	46%	11.7%	855	7.4%	27%	10.1%
1250   Capped Bonus Certificates	296	40%	-16.5%	1.1%	56	10.4%	4.6%	0.7%
1300   Tracker Certificates	194	19.7%	-63%	0.7%	35	-46%	-65%	0.4%
2110   Spread Warrants	158	46%	47%	0.6%	37	128%	67%	0.4%
2230   Double Knock-Out Warrants	79	-11.0%	-36%	0.3%	33	-0.8%	-18.7%	0.4%
1320   Bonus Certificates	4	109%	121%	0.0%	0.5	-0.8%	99%	0.0%
1200   Discount Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
<b>Total</b>	<b>27,994</b>	<b>13.3%</b>	<b>51.0%</b>	<b>100%</b>	<b>8,495</b>	<b>-3.7%</b>	<b>25.8%</b>	<b>100%</b>

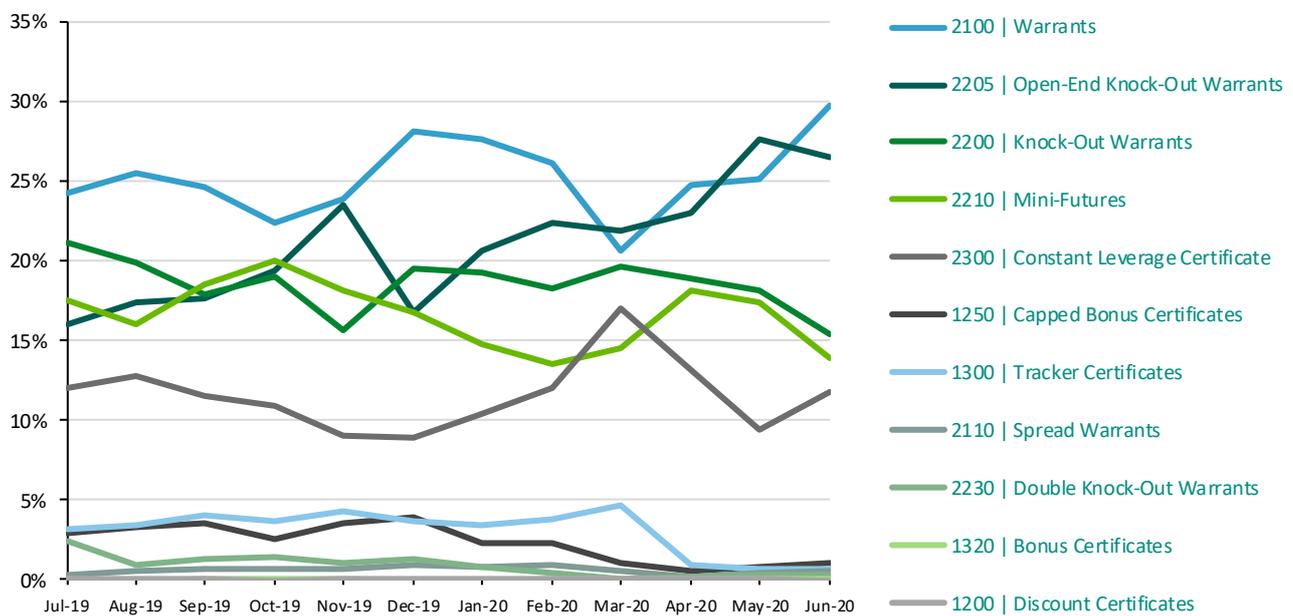
(Source Euronext)



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

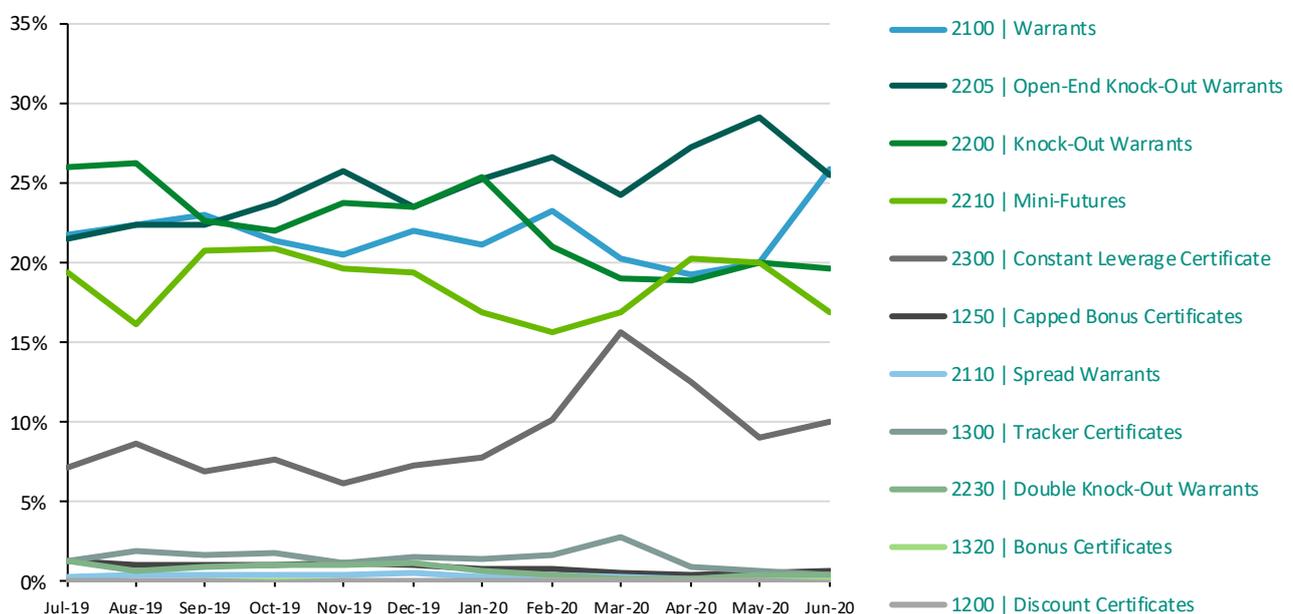
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## 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 Euroclear France instruments traded on Euronext's pan-European MTF.



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

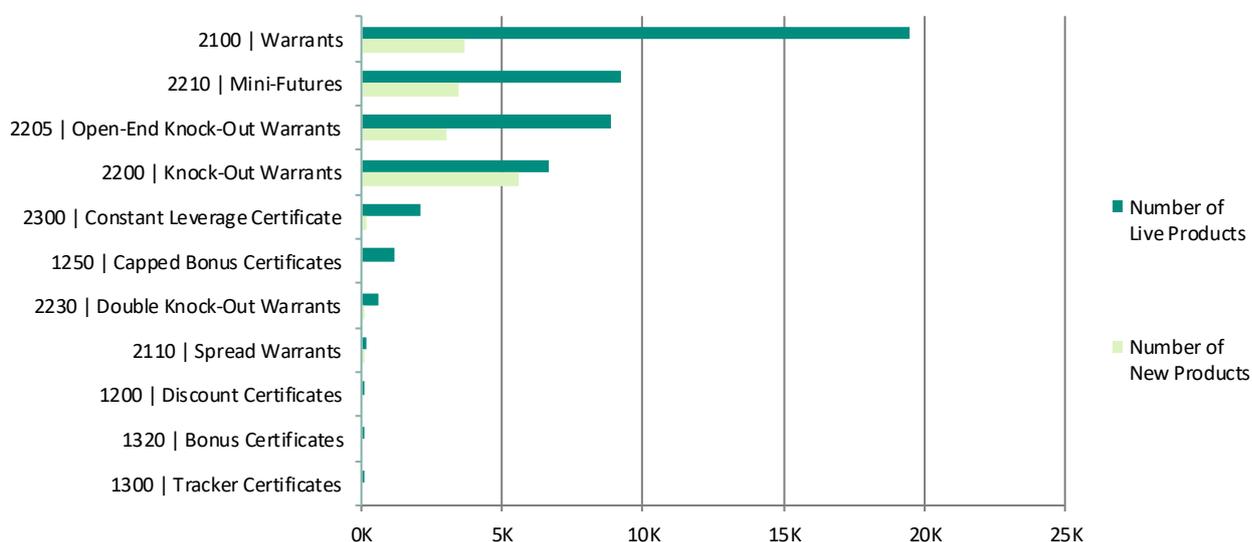
## Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	19,492	-6.0%	-12.3%	40.2%	3,674	14.1%	-8.4%	23.0%
2210   Mini-Futures	9,239	-0.3%	5.3%	19.0%	3,441	4.0%	-2.6%	21.6%
2205   Open-End Knock-Out Warrants	8,859	-3.4%	5.1%	18.3%	2,989	-21%	-24%	18.7%
2200   Knock-Out Warrants	6,668	-1.8%	-8.9%	13.7%	5,576	2.8%	-12.2%	34.9%
2300   Constant Leverage Certificate	2,070	2.9%	22%	4.3%	205	-65%	-32%	1.3%
1250   Capped Bonus Certificates	1,181	-0.4%	-22%	2.4%	0	-100%	-100%	0.0%
2230   Double Knock-Out Warrants	617	-18.6%	-8.4%	1.3%	14	-94%	-95%	0.1%
2110   Spread Warrants	174	6.9%	21%	0.4%	66		54%	0.4%
1200   Discount Certificates	101	-12.5%	49%	0.2%	0	-100%	-100%	0.0%
1320   Bonus Certificates	83	19.6%	80%	0.2%	0	-100%	-100%	0.0%
1300   Tracker Certificates	60	-16.8%	-25%	0.1%	0	-100%	-100%	0.0%
<b>Total</b>	<b>48,544</b>	<b>-3.5%</b>	<b>-4.7%</b>	<b>100%</b>	<b>15,965</b>	<b>-5.2%</b>	<b>-14.7%</b>	<b>100%</b>

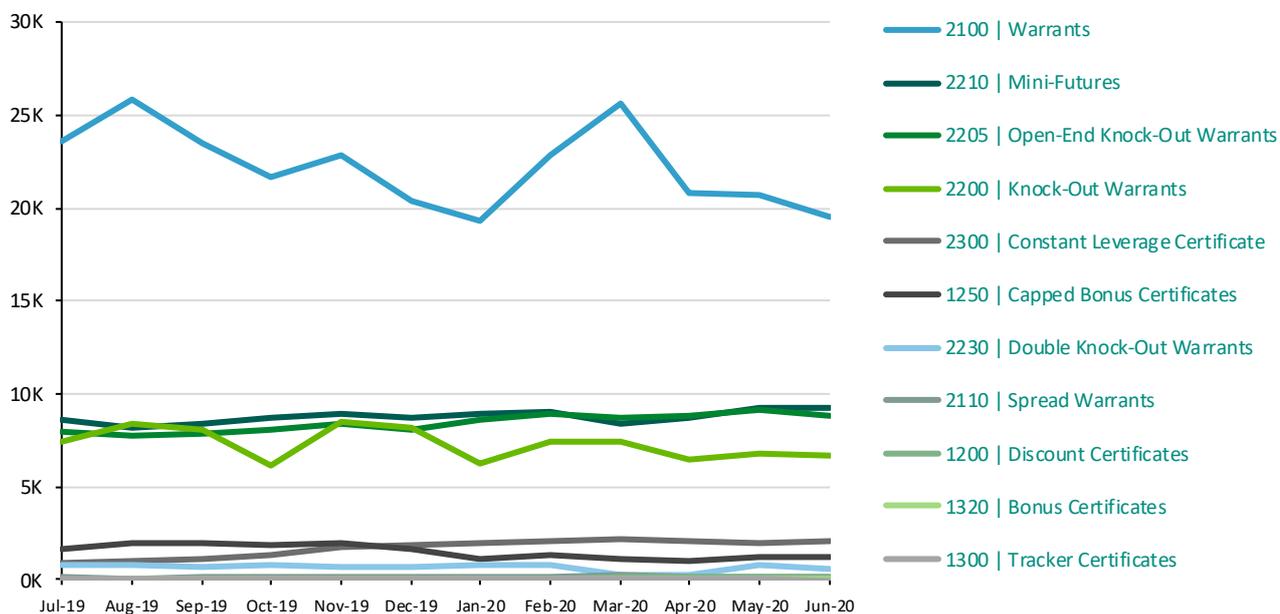
(Source Euronext)



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

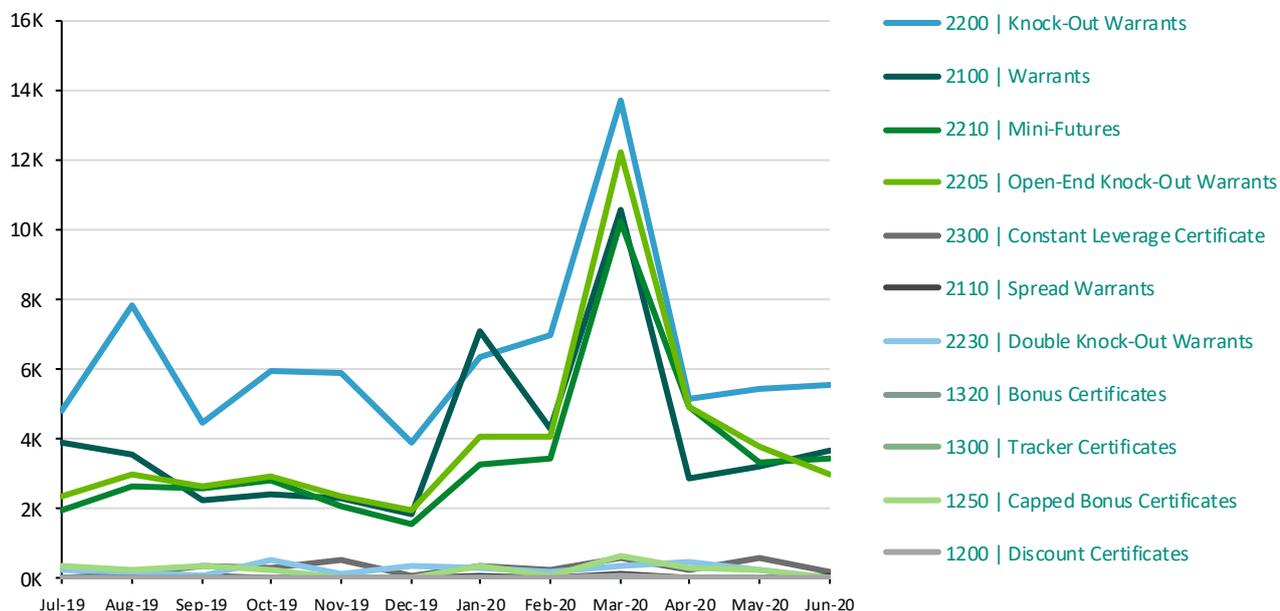
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

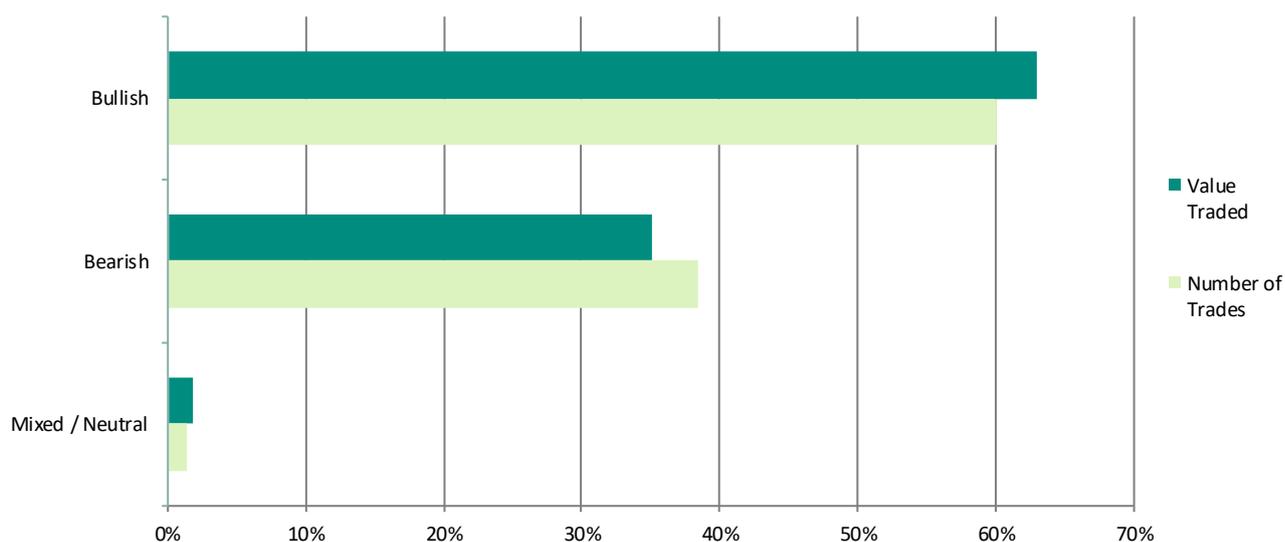
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	17,633	11.0%	58%	63.0%	5,112	-7.7%	28.9%	60.2%
Bearish	9,842	16.8%	45%	35.2%	3,262	2.4%	22%	38.4%
Mixed / Neutral	519	27%	-11.1%	1.9%	122	22%	5.0%	1.4%
Total	27,994	13.3%	51.0%	100%	8,495	-3.7%	25.8%	100%

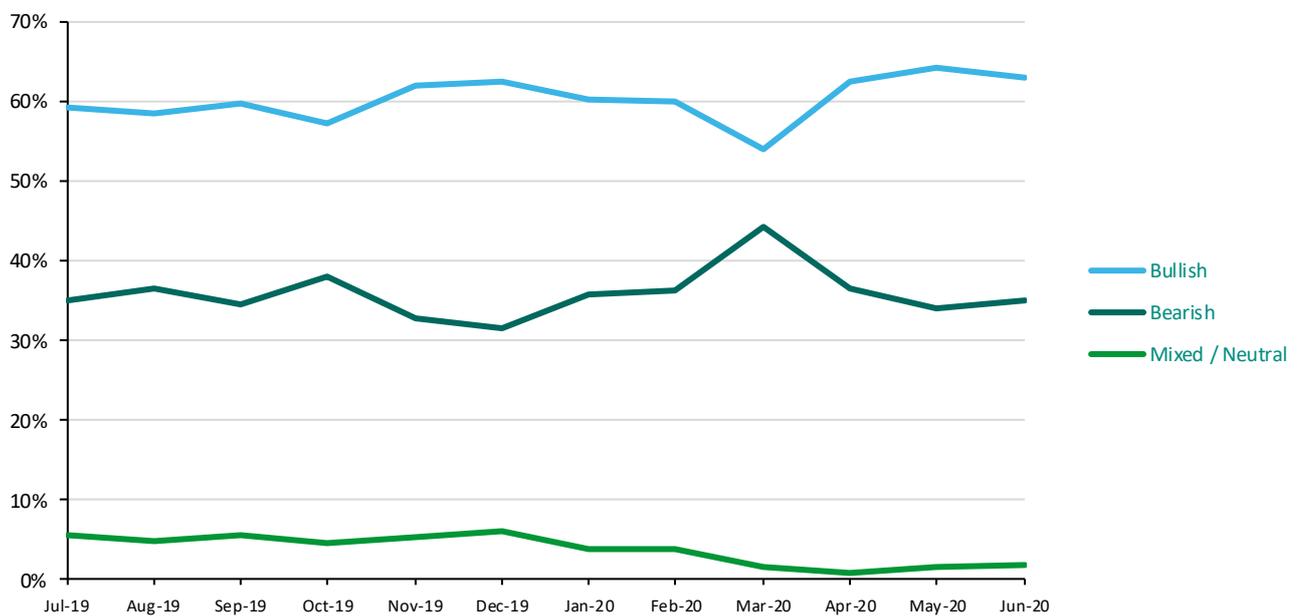
(Source Euronext)



# PRODUCT STRATEGIES

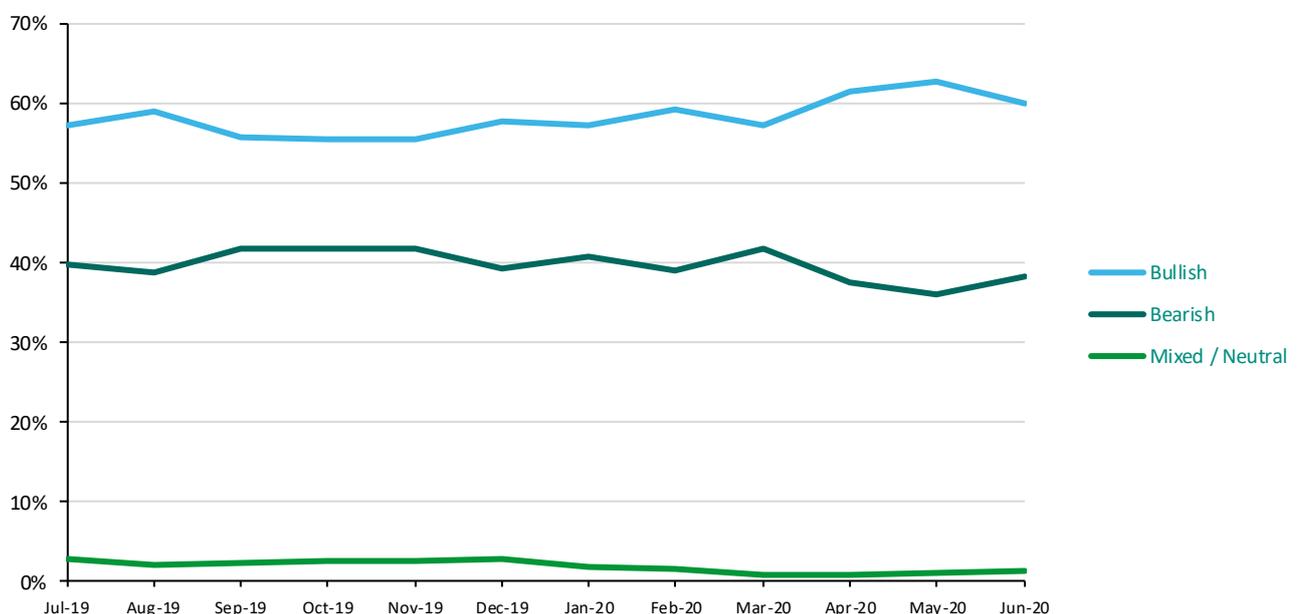
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## 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 Euroclear France instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

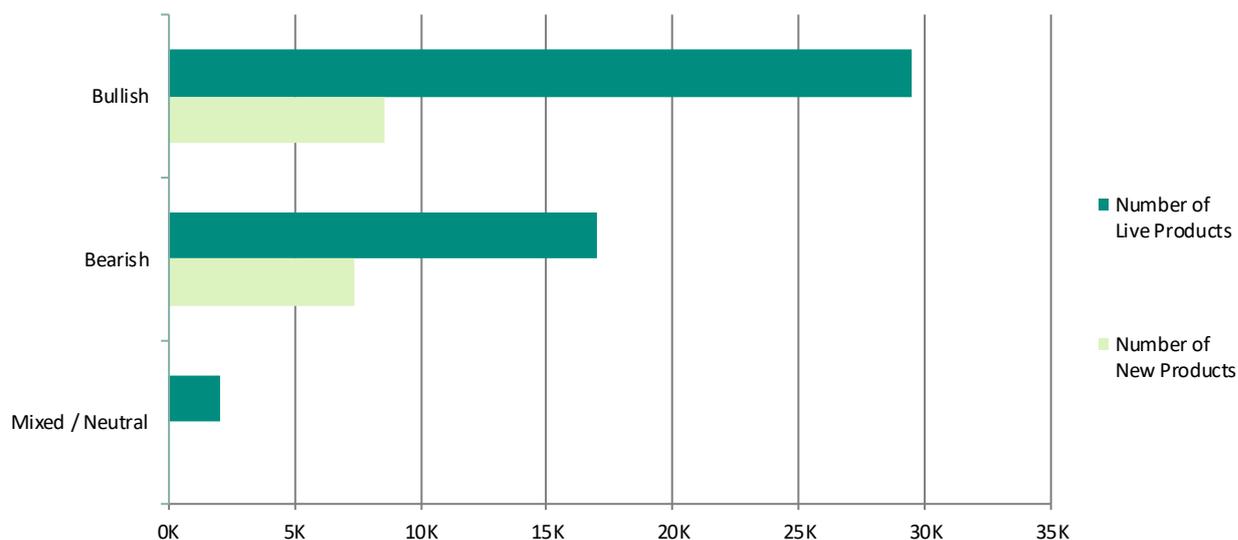
## Product Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	29,501	3.7%	3.0%	60.8%	8,550	-8.3%	-14.7%	53.6%
Bearish	17,014	-13.4%	-14.6%	35.0%	7,401	5.1%	-9.0%	46.4%
Mixed / Neutral	2,028	-8.7%	-15.3%	4.2%	14	-97%	-97%	0.1%
<b>Total</b>	<b>48,544</b>	<b>-3.5%</b>	<b>-4.7%</b>	<b>100%</b>	<b>15,965</b>	<b>-5.2%</b>	<b>-14.7%</b>	<b>100%</b>

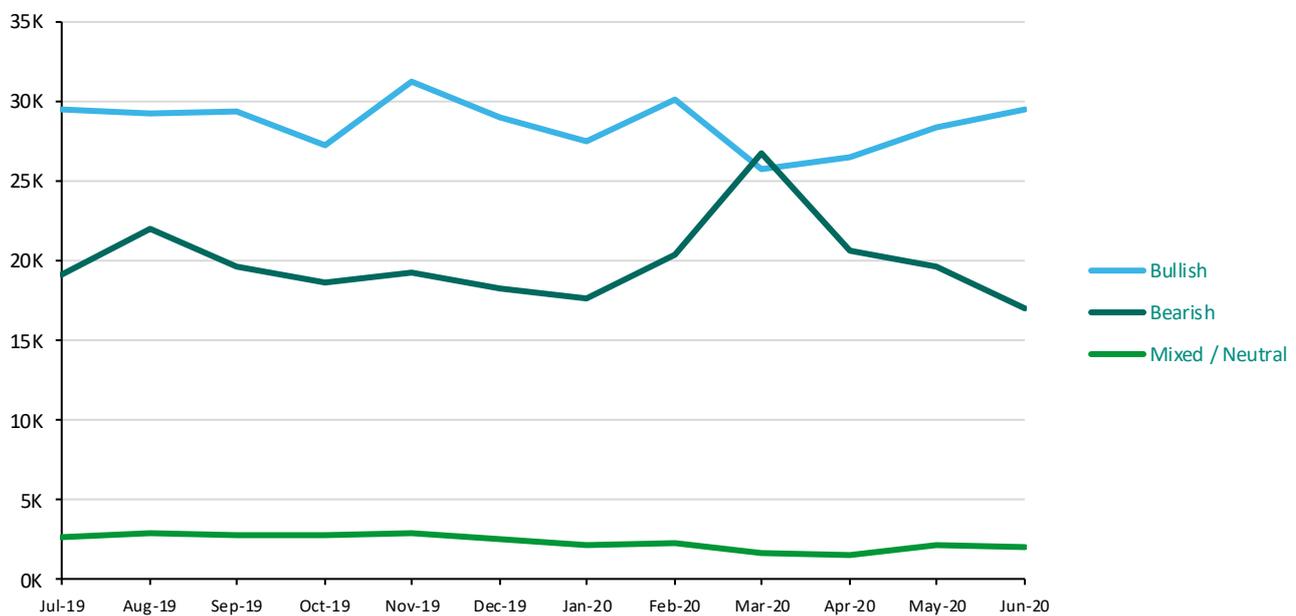
(Source Euronext)



# PRODUCT STRATEGIES

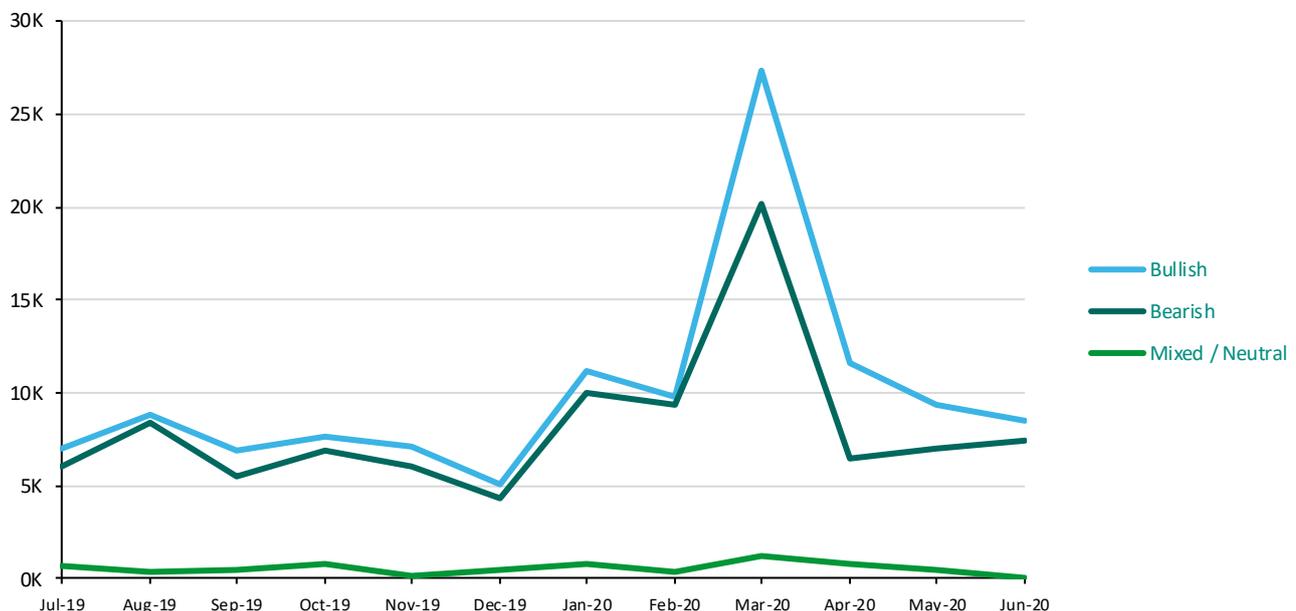
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear France instruments traded on Euronext's pan-European MTF.



## UNDERLYING TYPES

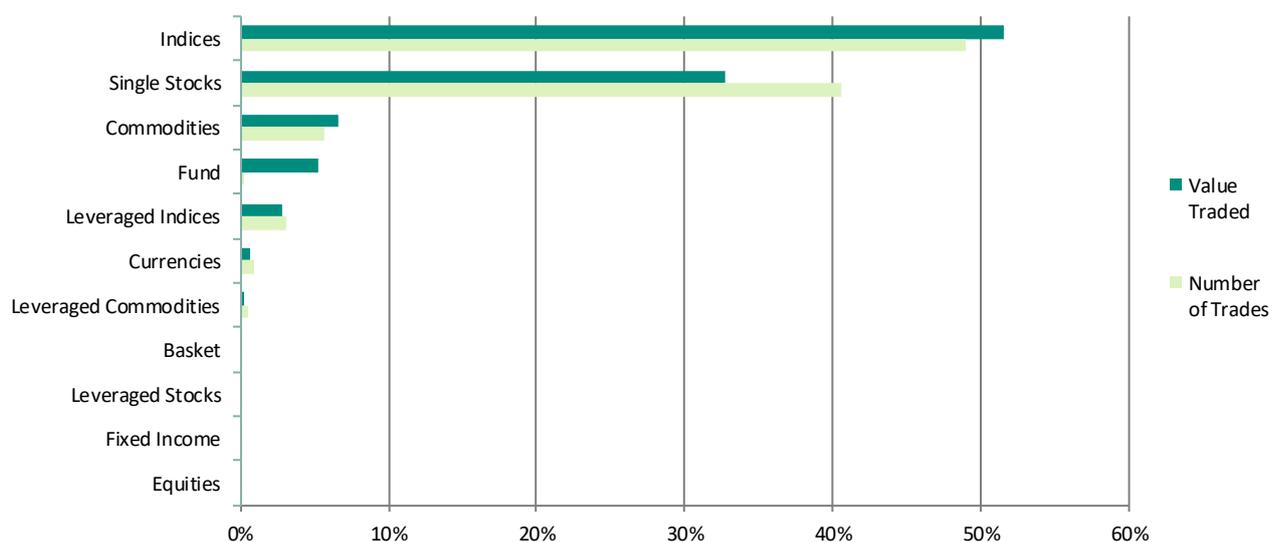
### Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	14,448	17.2%	57%	51.6%	4,160	2.0%	26.0%	49.0%
Single Stocks	9,152	19.7%	57%	32.7%	3,447	-3.5%	37.2%	40.6%
Commodities	1,864	-1.1%	59%	6.7%	477	-32.7%	-2.4%	5.6%
Fund	1,452	-17.9%	46%	5.2%	19	23.6%	23.7%	0.2%
Leveraged Indices	804	14.2%	-26%	2.9%	262	6.2%	-12.8%	3.1%
Currencies	163	-41%	29%	0.6%	75	-45.5%	-5.9%	0.9%
Leveraged Commodities	56	-6.2%	-25%	0.2%	42	-15.0%	11.3%	0.5%
Basket	37	7.8%	-30%	0.1%	1.0	-12.9%	-25.4%	0.0%
Leveraged Stocks	14	41%	-7.5%	0.0%	10	8.5%	-17.0%	0.1%
Fixed Income	4	-33%	-42%	0.0%	2.2	-7.2%	-63.0%	0.0%
Equities	1	-73%	129%	0.0%	0.4	-18.2%	217.4%	0.0%
<b>Total</b>	<b>27,994</b>	<b>13.3%</b>	<b>51%</b>	<b>100%</b>	<b>8,495</b>	<b>-3.7%</b>	<b>25.8%</b>	<b>100%</b>

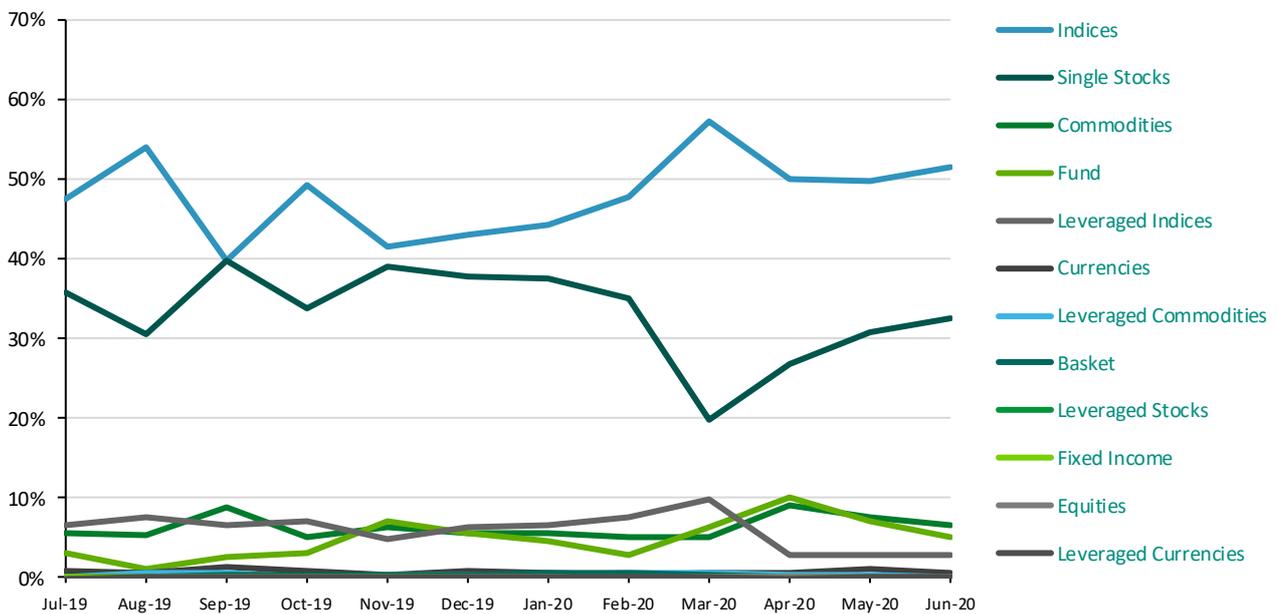
(Source Euronext)



# UNDERLYING TYPES

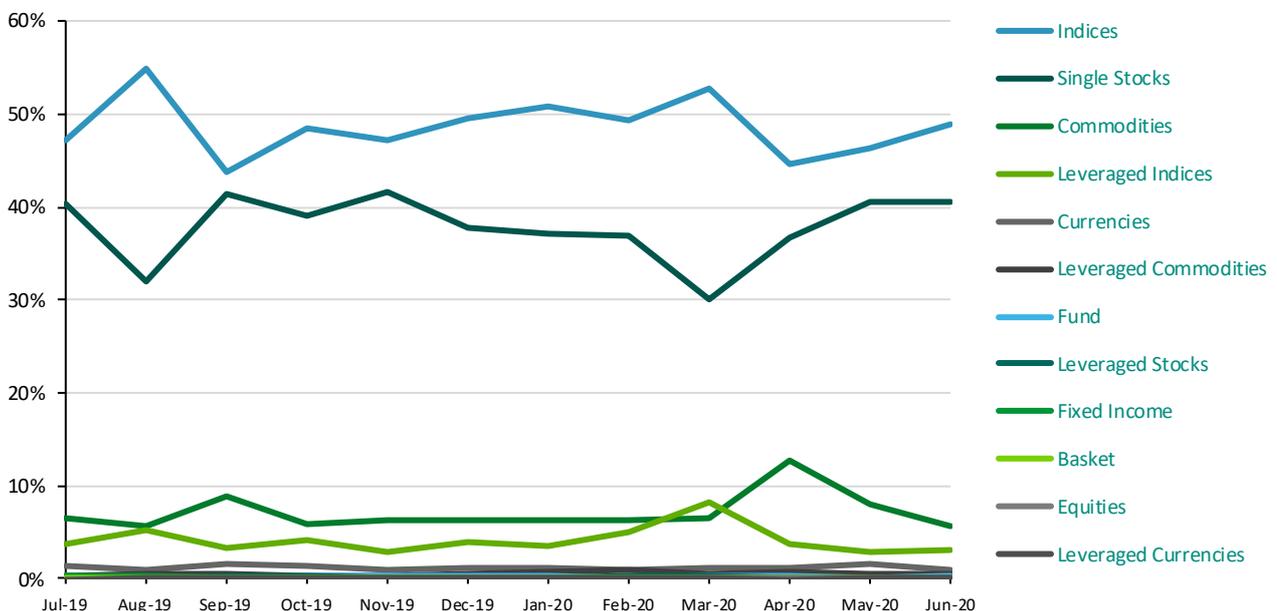
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## 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 Euroclear France instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

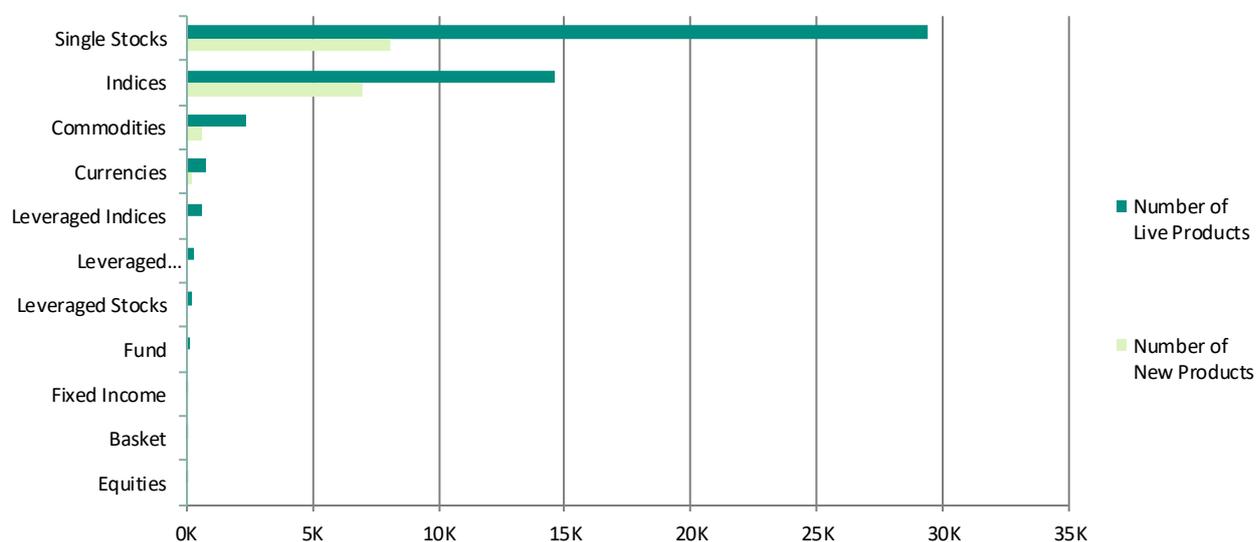
## Product Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	29,423	-3.0%	-11.3%	60.6%	8,121	-1.9%	-15.6%	50.9%
Indices	14,612	-5.2%	8.0%	30.1%	7,009	-1.6%	-10.9%	43.9%
Commodities	2,365	-0.5%	13.3%	4.9%	647	-23%	-24%	4.1%
Currencies	790	-4.0%	-17.3%	1.6%	187	-10.1%	21%	1.2%
Leveraged Indices	647	3.2%	40%	1.3%	0	-100%	-100%	0.0%
Leveraged Commodities	313	-9.5%	-13.2%	0.6%	0	-100%	-100%	0.0%
Leveraged Stocks	200	-4.3%	-4.7%	0.4%	0	-100%	-100%	0.0%
Fund	101	2.4%	7.4%	0.2%	0	-100%	-100%	0.0%
Fixed Income	78	-0.3%	4.2%	0.2%	1		-75%	0.0%
Basket	6	-24%	2.6%	0.0%	0		-100%	0.0%
Equities	5	17.6%	226%	0.0%	0	-100%	-100%	0.0%
<b>Total</b>	<b>48,544</b>	<b>-3.5%</b>	<b>-4.7%</b>	<b>100%</b>	<b>15,965</b>	<b>-5.2%</b>	<b>-14.7%</b>	<b>100%</b>

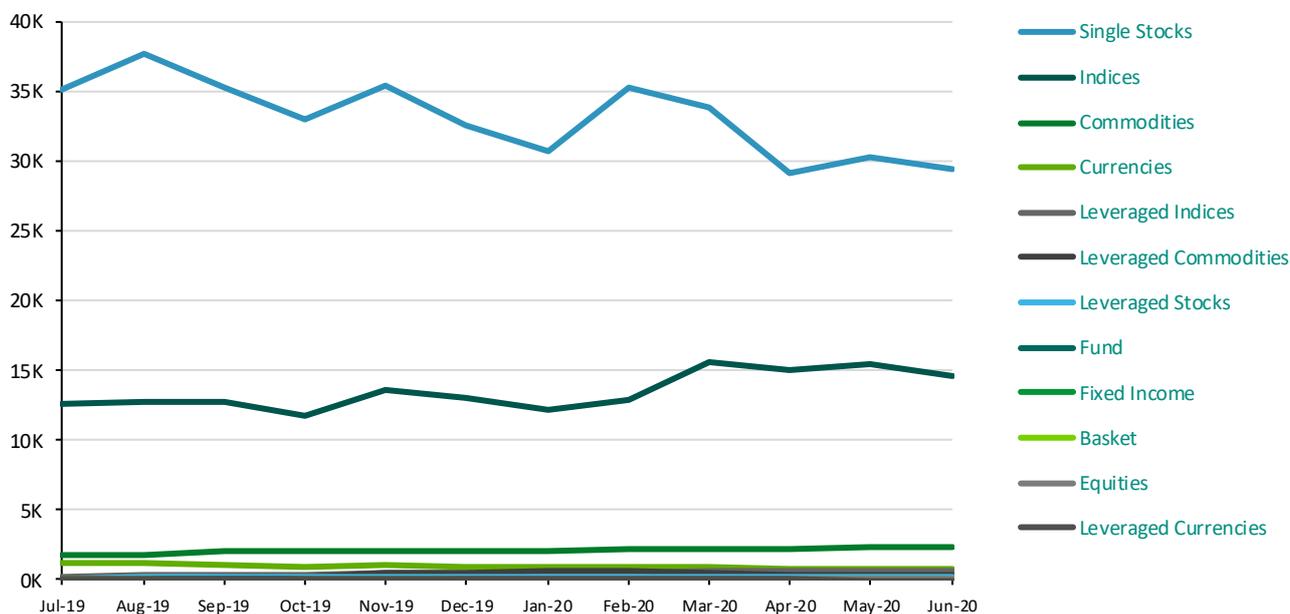
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# UNDERLYING TYPES

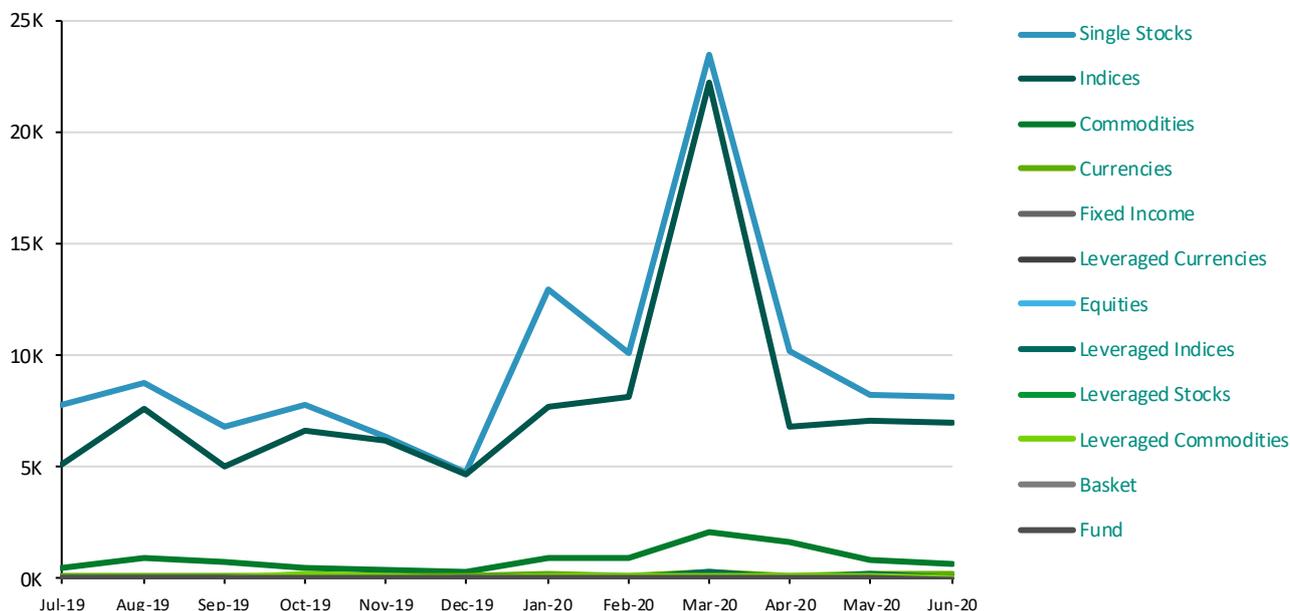
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euroclear France instruments traded on Euronext's pan-European MTF.



## TOP 10 UNDERLYING COUNTRIES

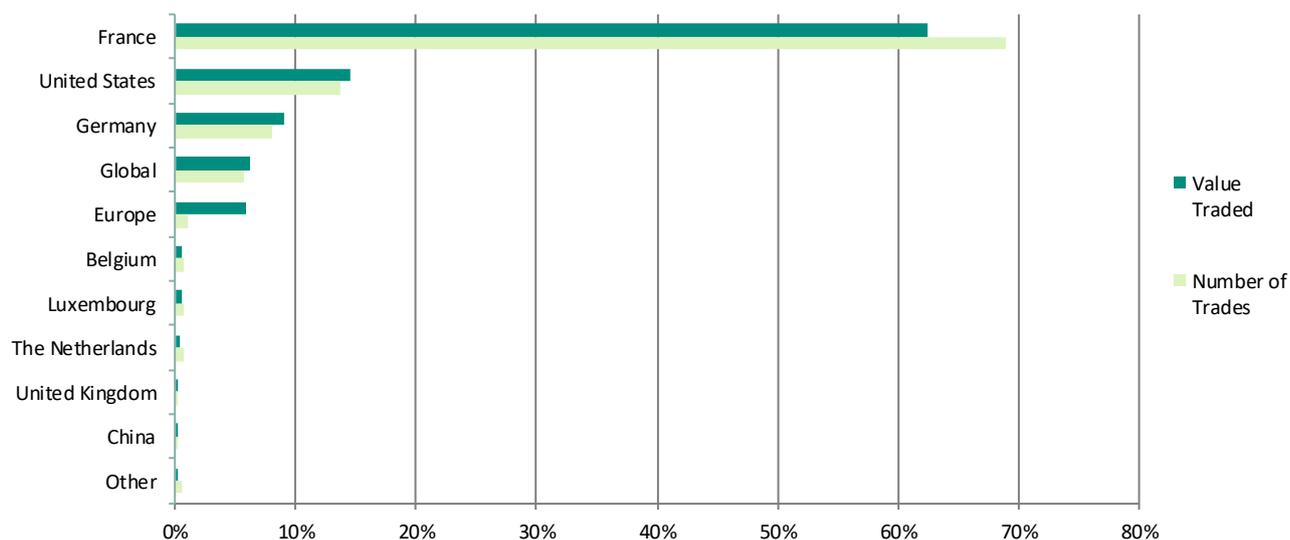
### Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	17,475	36%	53%	62.4%	5,863	10.1%	30.5%	69.0%
United States	4,062	-6.4%	44%	14.5%	1,156	-10.8%	28%	13.6%
Germany	2,505	-14.8%	76%	8.9%	687	-28%	24%	8.1%
Global	1,729	-4.4%	36%	6.2%	476	-32%	-8.0%	5.6%
Europe	1,654	-13.6%	51%	5.9%	83	5.2%	51%	1.0%
Belgium	157	-36%	67%	0.6%	61	-32%	60%	0.7%
Luxembourg	141	-14.4%	22%	0.5%	63	-18.8%	24%	0.7%
The Netherlands	116	-60%	-28%	0.4%	52	-75%	-40%	0.6%
United Kingdom	42	-12.6%	-20.0%	0.2%	14	-50%	-18.9%	0.2%
China	40	5.2%	37%	0.1%	4.5	-37%	-13.3%	0.1%
Other	73	-5.5%	4.1%	0.3%	37	-31%	2.3%	0.4%
<b>Total</b>	<b>27,994</b>	<b>13.3%</b>	<b>51.0%</b>	<b>100%</b>	<b>8,495</b>	<b>-3.7%</b>	<b>25.8%</b>	<b>100%</b>

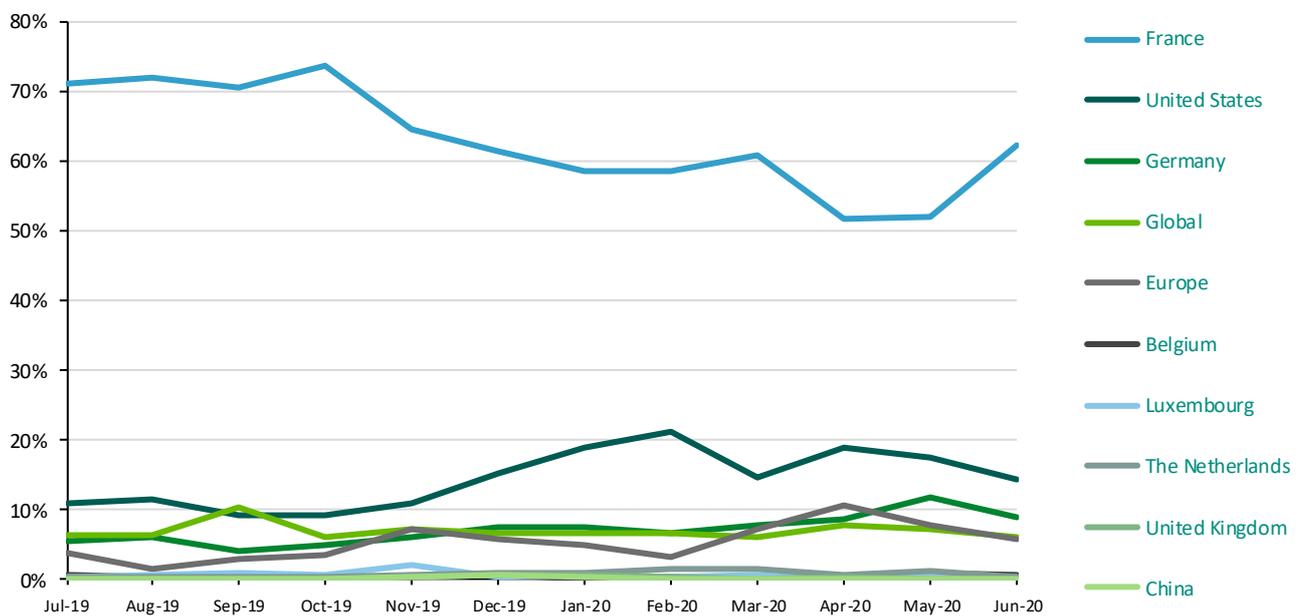
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

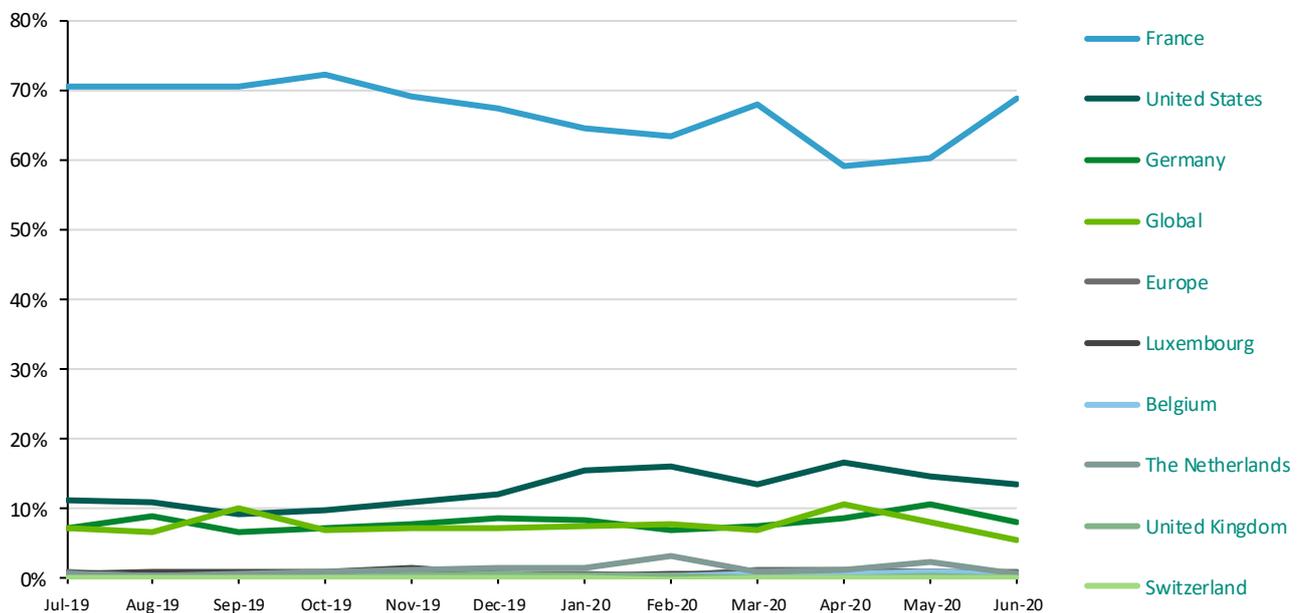
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## 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 Euroclear France instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

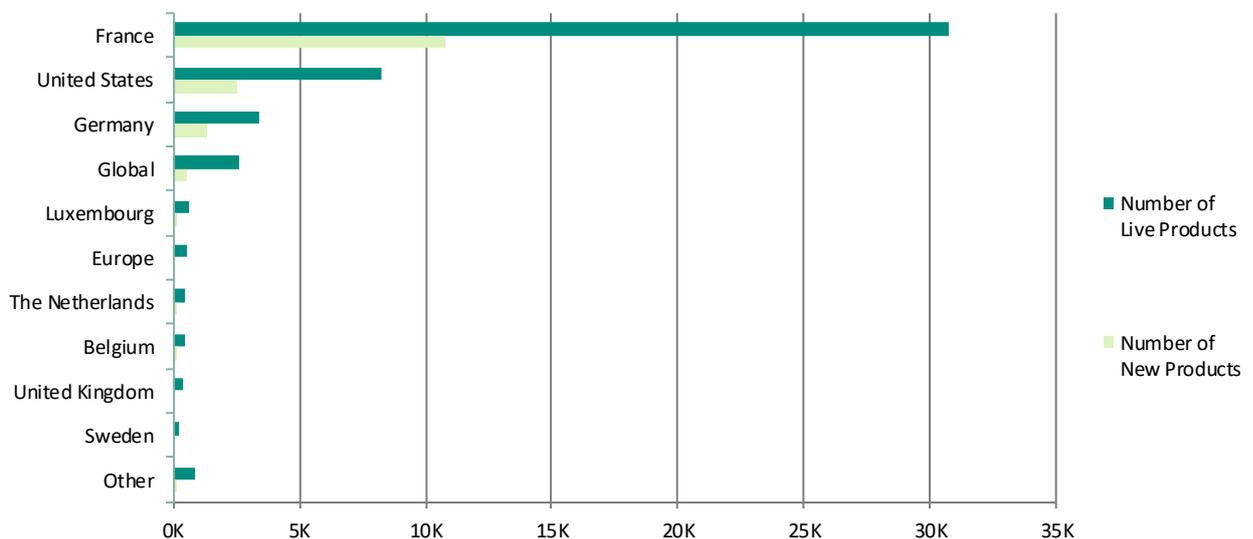
## Product Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	30,782	-1.4%	-3.6%	63.4%	10,815	5.6%	-9.4%	67.7%
United States	8,248	-9.5%	-11.3%	17.0%	2,529	-12.1%	-24%	15.8%
Germany	3,401	-6.5%	1.3%	7.0%	1,354	-28%	-13.7%	8.5%
Global	2,592	-3.8%	-2.8%	5.3%	534	-29%	-39%	3.3%
Luxembourg	615	-1.2%	2.9%	1.3%	151	-46%	-35%	0.9%
Europe	510	-12.2%	1.0%	1.0%	76	-58%	-46%	0.5%
The Netherlands	479	-4.3%	10.1%	1.0%	132	-39%	-30%	0.8%
Belgium	442	6.4%	-9.3%	0.9%	155	57%	26%	1.0%
United Kingdom	350	-3.5%	-16.9%	0.7%	53	-24%	-23%	0.3%
Sweden	246	-2.0%	9.5%	0.5%	60	25%	0.3%	0.4%
Other	881	-3.8%	-14.7%	1.8%	106	-51%	-45%	0.7%
<b>Total</b>	<b>48,544</b>	<b>-3.5%</b>	<b>-4.7%</b>	<b>100%</b>	<b>15,965</b>	<b>-5.2%</b>	<b>-14.7%</b>	<b>100%</b>

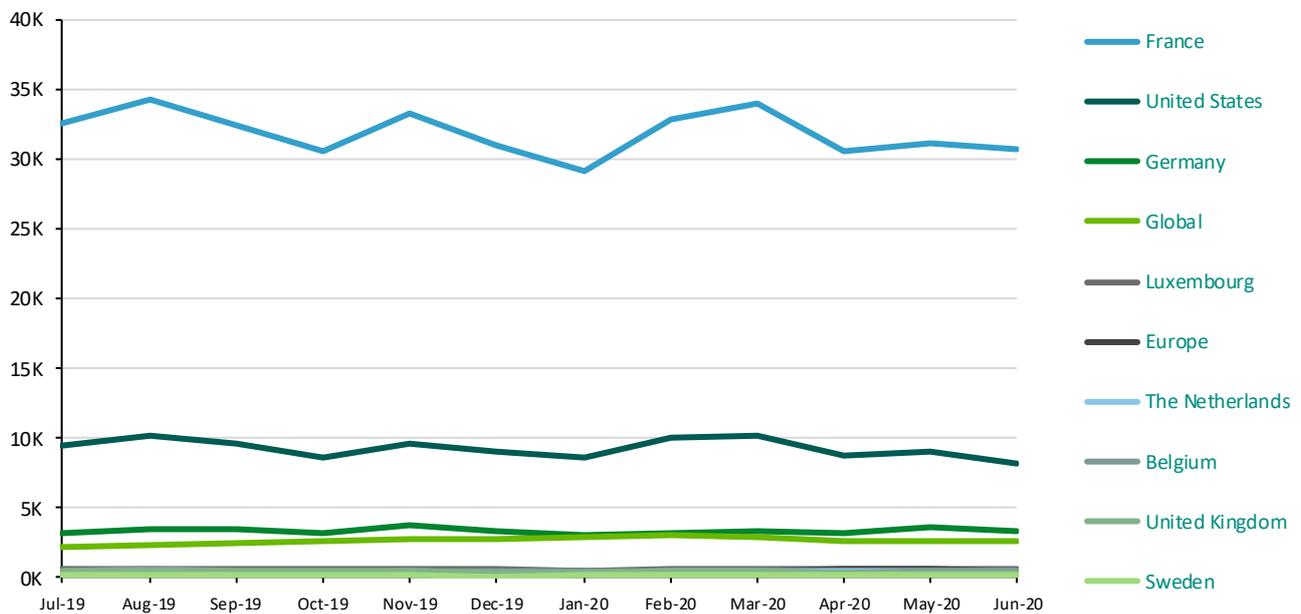
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

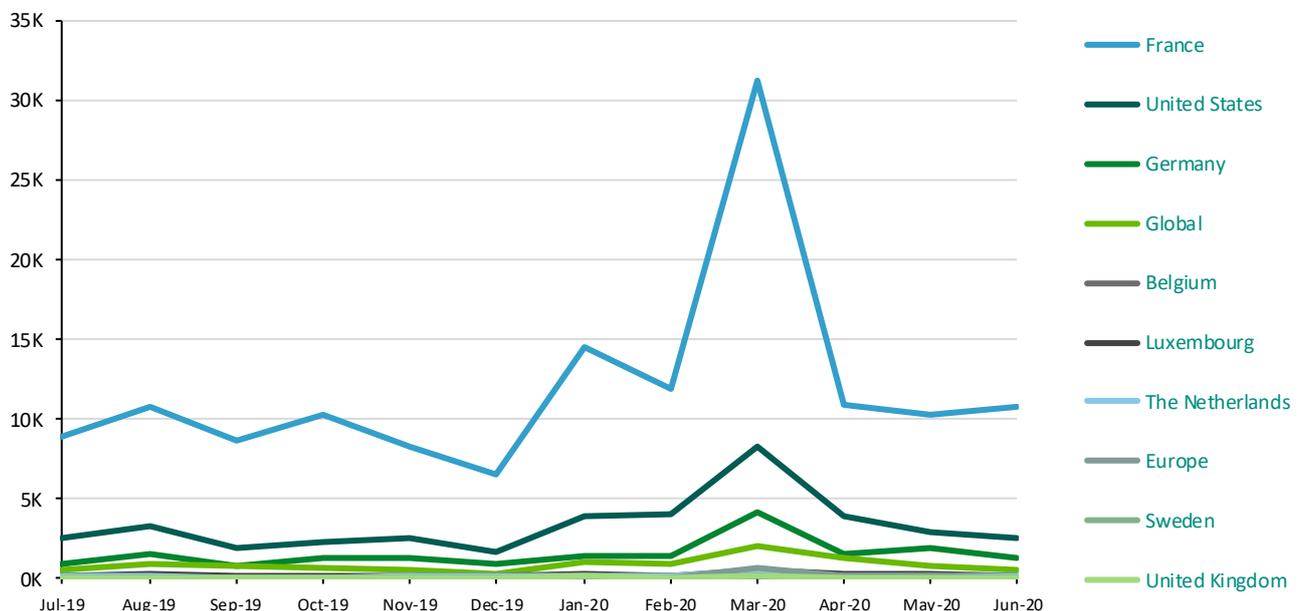
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euroclear France instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

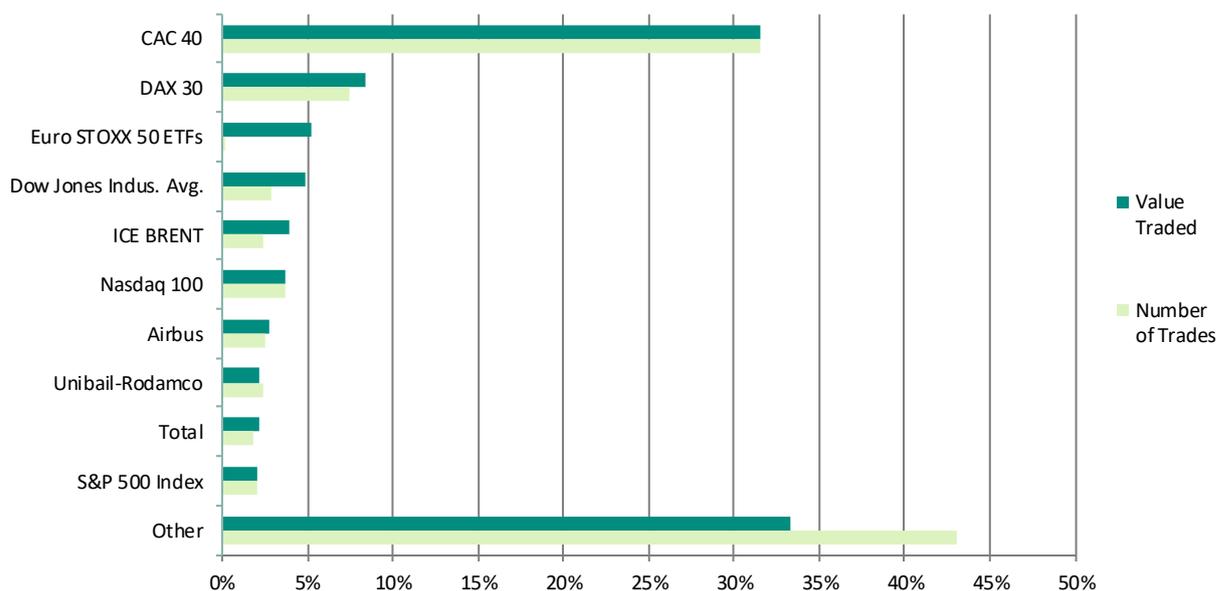
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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	8,825	51%	53%	31.5%	2,675	26.7%	27.4%	31.5%
DAX 30	2,348	-15.8%	83%	8.4%	633	-27%	26%	7.4%
Euro STOXX 50 ETFs	1,452	-18.0%	46%	5.2%	19	23%	25%	0.2%
Dow Jones Indus. Avg.	1,353	-5.3%	58%	4.8%	240	-11.9%	13.5%	2.8%
ICE BRENT	1,097	3.7%	162%	3.9%	203	-29%	9.0%	2.4%
Nasdaq 100	1,022	-7.9%	82%	3.7%	318	8.3%	69%	3.7%
Airbus	772	99%	247%	2.8%	218	9.1%	93%	2.6%
Unibail-Rodamco	619	101%	389%	2.2%	206	70%	327%	2.4%
Total	603	23%	126%	2.2%	150	-18.8%	28%	1.8%
S&P 500 Index	564	-21%	48%	2.0%	178	-38%	16.7%	2.1%
Other	9,339	6.0%	22%	33.4%	3,656	-12.6%	17.1%	43.0%
<b>Total</b>	<b>27,994</b>	<b>13.3%</b>	<b>51.0%</b>	<b>100%</b>	<b>8,495</b>	<b>-3.7%</b>	<b>25.8%</b>	<b>100%</b>

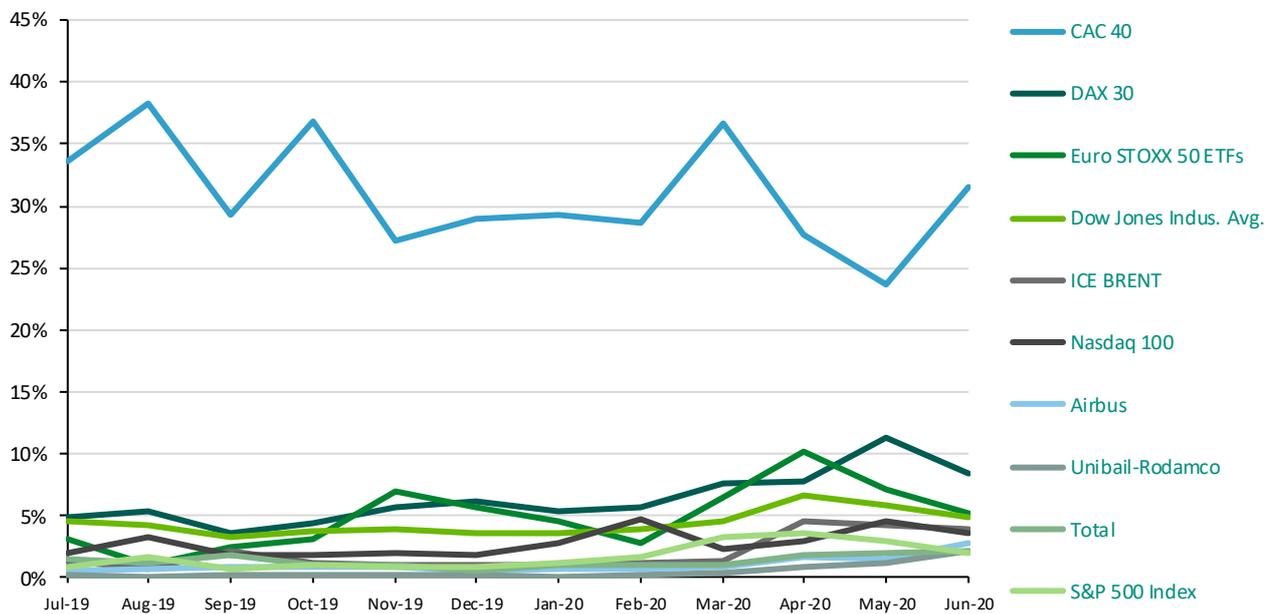
(Source Euronext)



# TOP 10 UNDERLYINGS

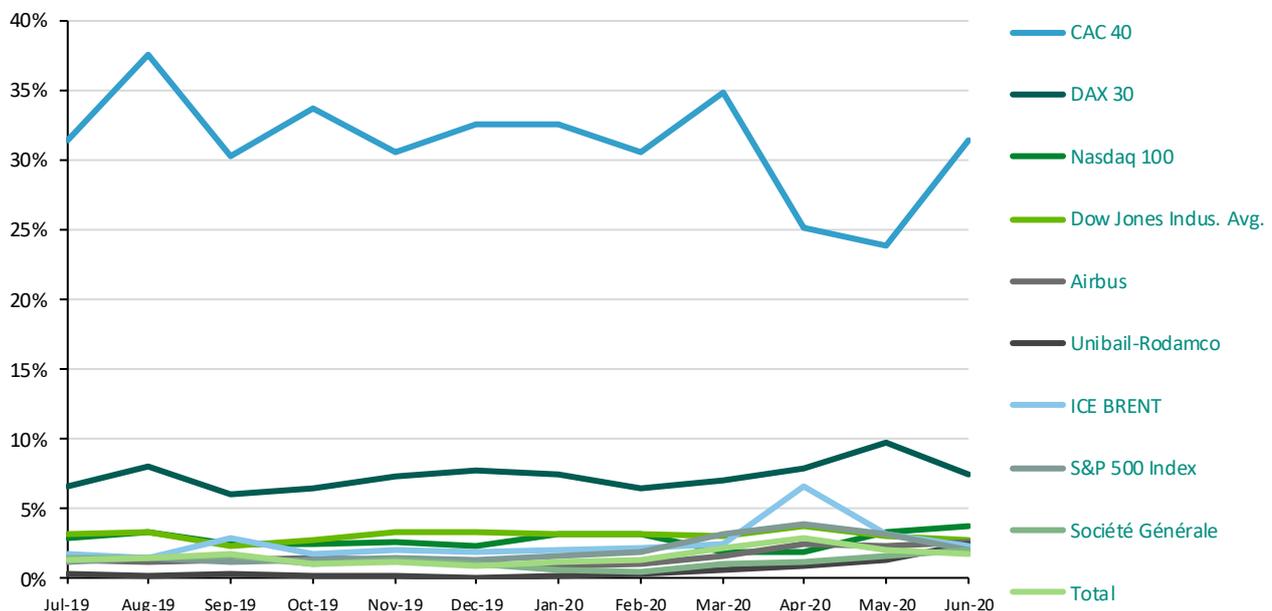
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euroclear France instruments traded on Euronext's pan-European MTF.



## 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 Euroclear France instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

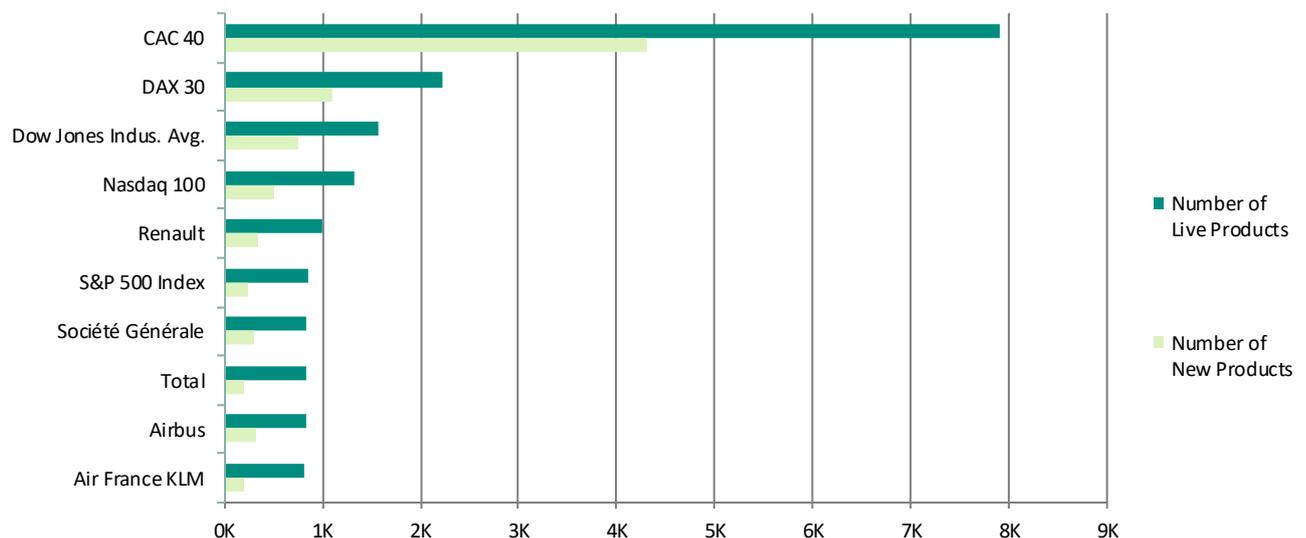
## Product Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Euroclear France instruments traded on Euronext's pan-European MTF, 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.

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	7,904	-2.2%	11.2%	16.3%	4,302	12.7%	-4.0%	26.9%
DAX 30	2,227	-7.6%	10.9%	4.6%	1,099	-20.0%	-9.0%	6.9%
Dow Jones Indus. Avg.	1,563	-9.3%	10.3%	3.2%	755	1.9%	-10.8%	4.7%
Nasdaq 100	1,329	-4.9%	0.6%	2.7%	501	-11.8%	-26%	3.1%
Renault	991	-1.1%	6.5%	2.0%	343	6.9%	-8.0%	2.1%
S&P 500 Index	861	-9.7%	-6.1%	1.8%	239	-19.0%	-38%	1.5%
Société Générale	842	3.6%	4.4%	1.7%	304	-9.0%	3.5%	1.9%
Total	829	1.7%	3.8%	1.7%	191	-21%	-37%	1.2%
Airbus	823	10.7%	9.8%	1.7%	319	-34%	-0.6%	2.0%
Air France KLM	806	-5.3%	-14.4%	1.7%	190	-51%	-48%	1.2%
Other	30,368	-3.7%	-10.6%	62.6%	7,722	-6.8%	-18.3%	48.4%
Total	48,544	-3.5%	-4.7%	100%	15,965	-5.2%	-14.7%	100%

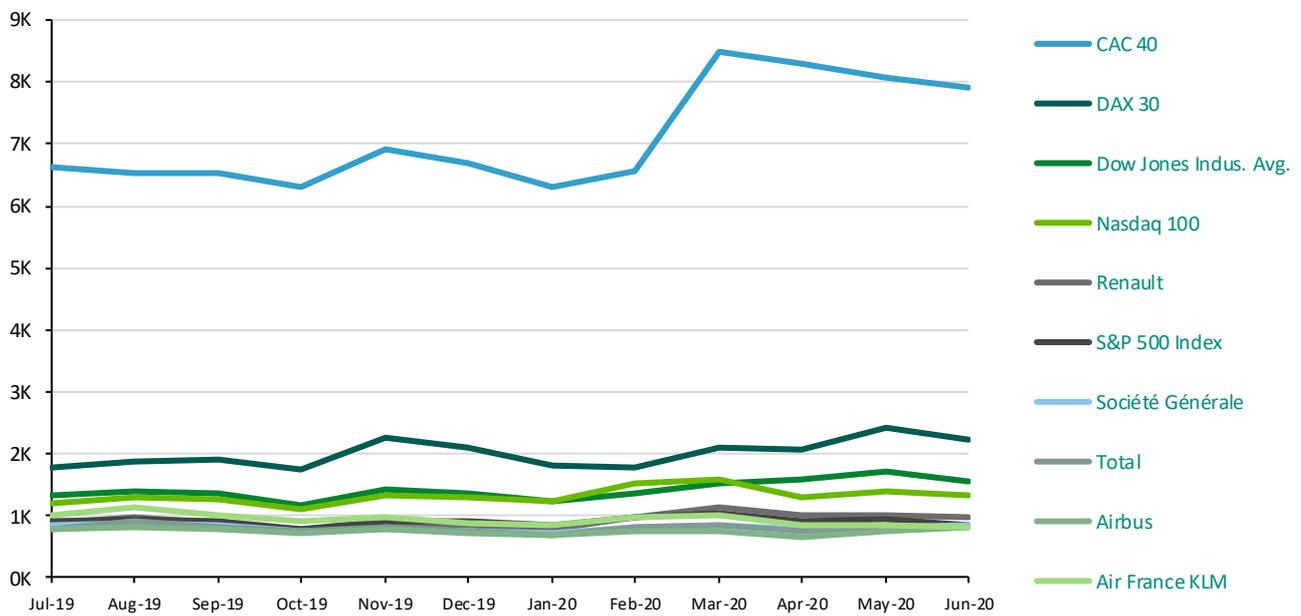
(Source Euronext)



# TOP 10 UNDERLYINGS

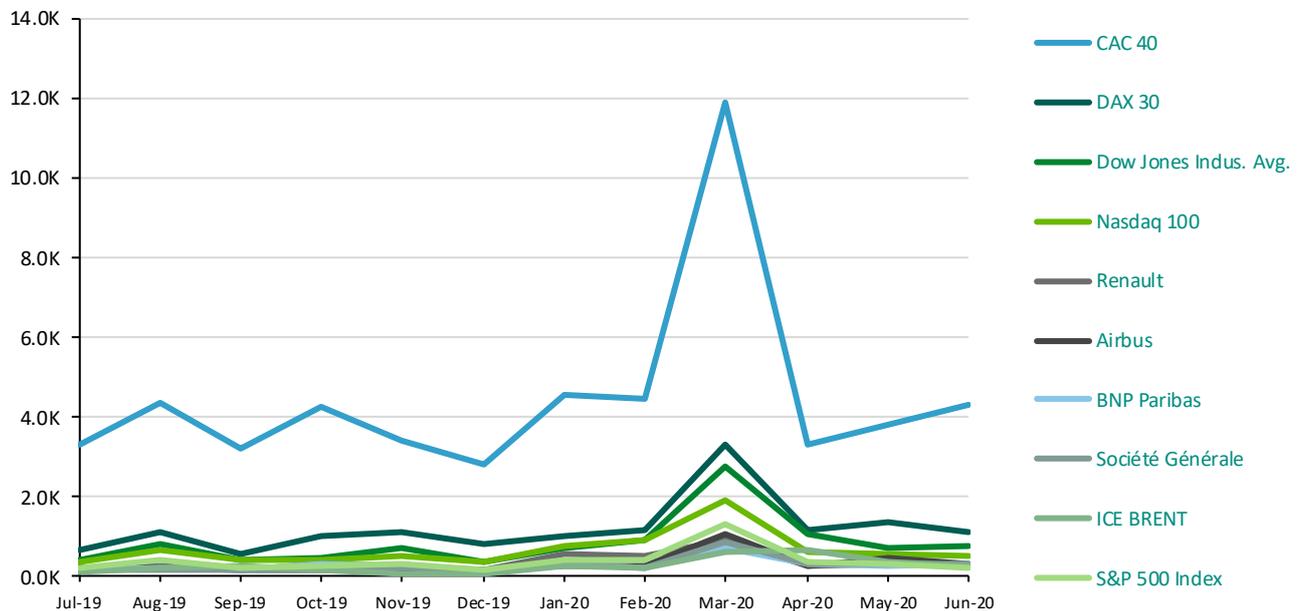
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear France instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euroclear France instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euroclear France instruments traded on Euronext's pan-European MTF.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NL0013666241	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	14,562	89
NL0014588394	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	12,093	27
DE000VP37995	Vontobel	2205   Open-End Knock-Out Warrants	DAX 30	7,604	1,500
FRBNPP01MNF6	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	7,078	1,034
NL0014174278	BNP Paribas	2100   Warrants	CAC 40	5,117	271
DE000VE71E09	Vontobel	2205   Open-End Knock-Out Warrants	CAC 40	4,905	338
FRBNPP01JMO6	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	4,222	610
FRBNPP01JQV2	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	3,939	375
FRBNPP01IUZ7	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	3,753	521
FRBNPP01O9C1	BNP Paribas	2210   Mini-Futures	CAC 40	3,403	164
FR0010961078	Société Générale	2300   Constant Leverage Certificate	CAC 40 x5 Leverage Index	2,973	656
DE000VP31H77	Vontobel	2205   Open-End Knock-Out Warrants	Euro STOXX 50	2,946	643
FRBNPP01MND1	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	2,916	227
DE000VP38AA9	Vontobel	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	2,675	85
DE000CL5AN89	Société Générale	2300   Constant Leverage Certificate	CAC 40	2,607	774
DE000VP379X7	Vontobel	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	2,496	81
NL0014168429	BNP Paribas	2100   Warrants	CAC 40	2,362	138
DE000VP38B68	Vontobel	2205   Open-End Knock-Out Warrants	CAC 40	2,307	118
DE000KB4UXZ3	Citi	2210   Mini-Futures	CAC 40	2,257	825
FRBNPP01PEW3	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	2,251	260
FR0013135761	Société Générale	2300   Constant Leverage Certificate	CAC 40 x7 Leverage Index	2,231	637
FRBNPP01PN07	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	2,155	181
FRBNPP01OBD2	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	2,122	262
FRBNPP01P9G1	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	2,104	169
FRBNPP01K166	BNP Paribas	2300   Constant Leverage Certificate	Unibail-Rodamco	2,096	641
DE000CL1GL89	Société Générale	2300   Constant Leverage Certificate	CAC 40	2,067	934
FR0013135837	Société Générale	2300   Constant Leverage Certificate	CAC 40 x4 Short Index	1,907	240
FRBNPP01OL59	BNP Paribas	2205   Open-End Knock-Out Warrants	NYMEX LS CRUDE	1,869	68
DE000CL39B49	Société Générale	2100   Warrants	CAC 40	1,828	138
DE000CL5AN63	Société Générale	2300   Constant Leverage Certificate	DAX 30	1,745	84
NL0013666233	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	1,696	57
FRBNPP01OL26	BNP Paribas	2205   Open-End Knock-Out Warrants	ICE BRENT	1,667	60
DE000CL5B3T5	Société Générale	2100   Warrants	Airbus	1,638	132
FRBNPP01QOK5	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,529	169
DE000CL49CH6	Société Générale	2100   Warrants	Sodexo Alliance	1,524	129
DE000KB322T4	Citi	2200   Knock-Out Warrants	CAC 40	1,499	29
FRBNPP017V73	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	1,438	170
NL0014592909	BNP Paribas	2100   Warrants	Crédit Agricole	1,409	56
FRBNPP01O5V9	BNP Paribas	2205   Open-End Knock-Out Warrants	Total	1,368	88
FRBNPP01OYJ1	BNP Paribas	2205   Open-End Knock-Out Warrants	DAX 30	1,356	391
FRSGE001AGM3	Société Générale	2110   Spread Warrants	CAC 40	1,241	209
FRBNPP01LTG3	BNP Paribas	2205   Open-End Knock-Out Warrants	ICE BRENT	1,239	4
FRBNPP01PSZ6	BNP Paribas	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,201	89
NL0013666225	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	1,196	102
DE000CL1GXS1	Société Générale	2100   Warrants	S&P 500 Index	1,187	118
FRBNPP01GGK2	BNP Paribas	2205   Open-End Knock-Out Warrants	ICE BRENT	1,187	35
NL0014600462	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	1,181	18
DE000SBOJE34	Société Générale	2205   Open-End Knock-Out Warrants	ICE BRENT	1,163	110
DE000CL39B31	Société Générale	2100   Warrants	CAC 40	1,134	57
FRBNPP01Q4F3	BNP Paribas	2205   Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,131	93

(Source Euronext)



# Euroclear Nederland Instruments

# ISSUERS

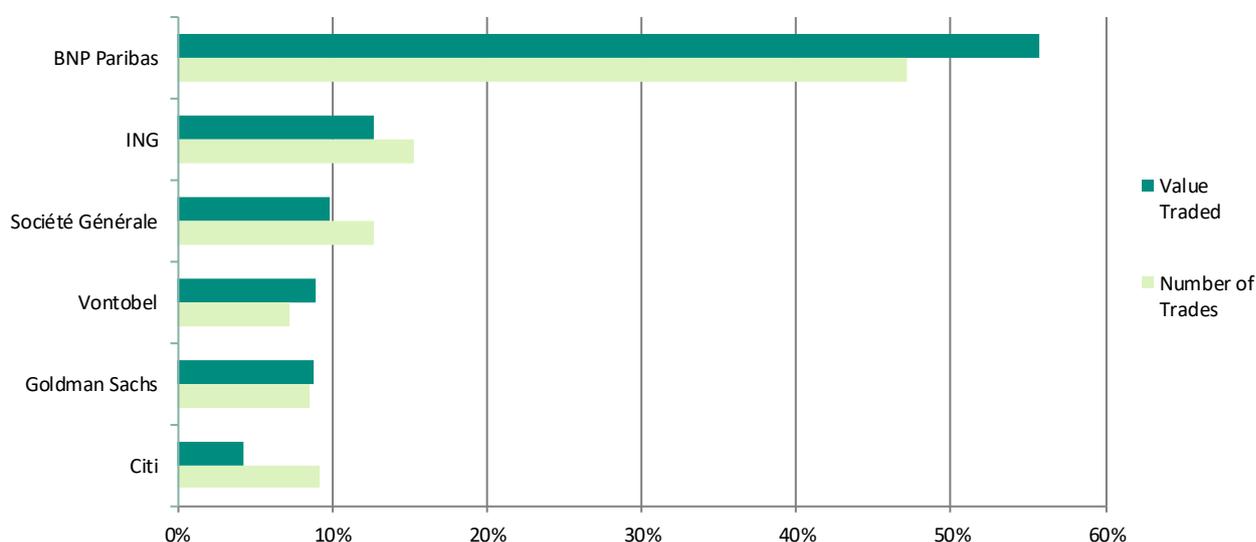
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	14,840	-3.5%	19.3%	55.7%	4,250	-0.2%	23.4%	47.2%
ING	3,373	-31%	-9.3%	12.7%	1,371	-11.1%	2.2%	15.2%
Société Générale	2,614	12.7%	170%	9.8%	1,146	-11.1%	143.8%	12.7%
Vontobel	2,392	-19.2%	13.3%	9.0%	651	-54.3%	-35.7%	7.2%
Goldman Sachs	2,326	-5.0%	-16.3%	8.7%	763	-4.1%	-20.3%	8.5%
Citi	1,117	-12.0%	15.5%	4.2%	830	-5.1%	24.9%	9.2%
Total	26,661	-8.9%	7.1%	100%	9,011	-11.5%	2.0%	100%

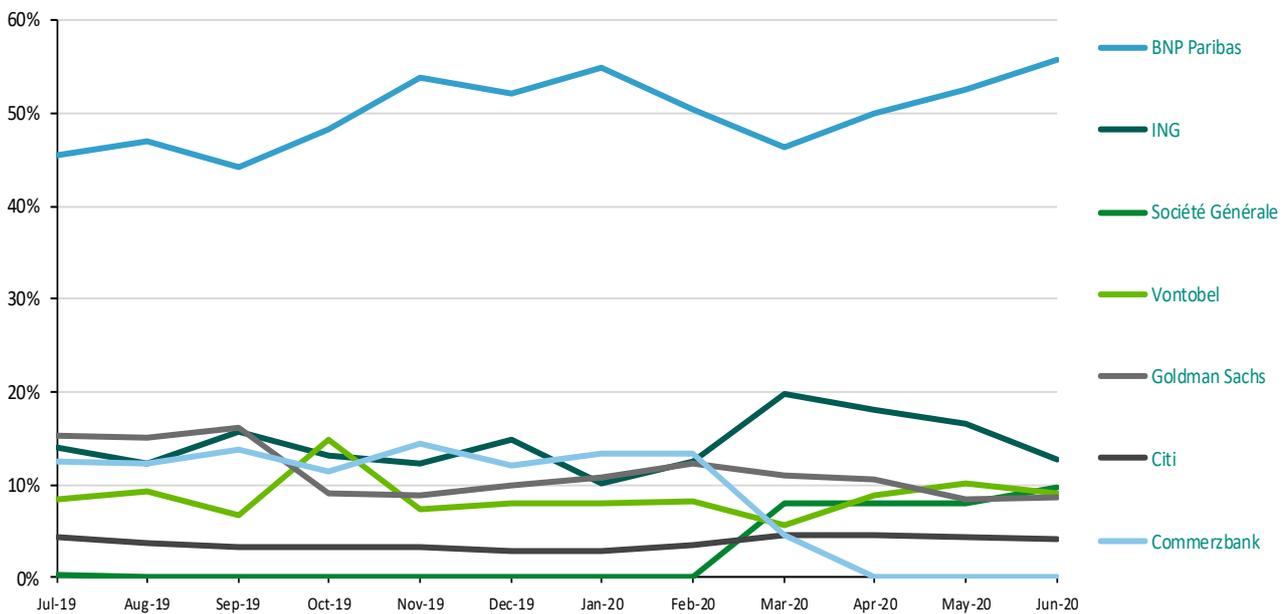
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# ISSUERS

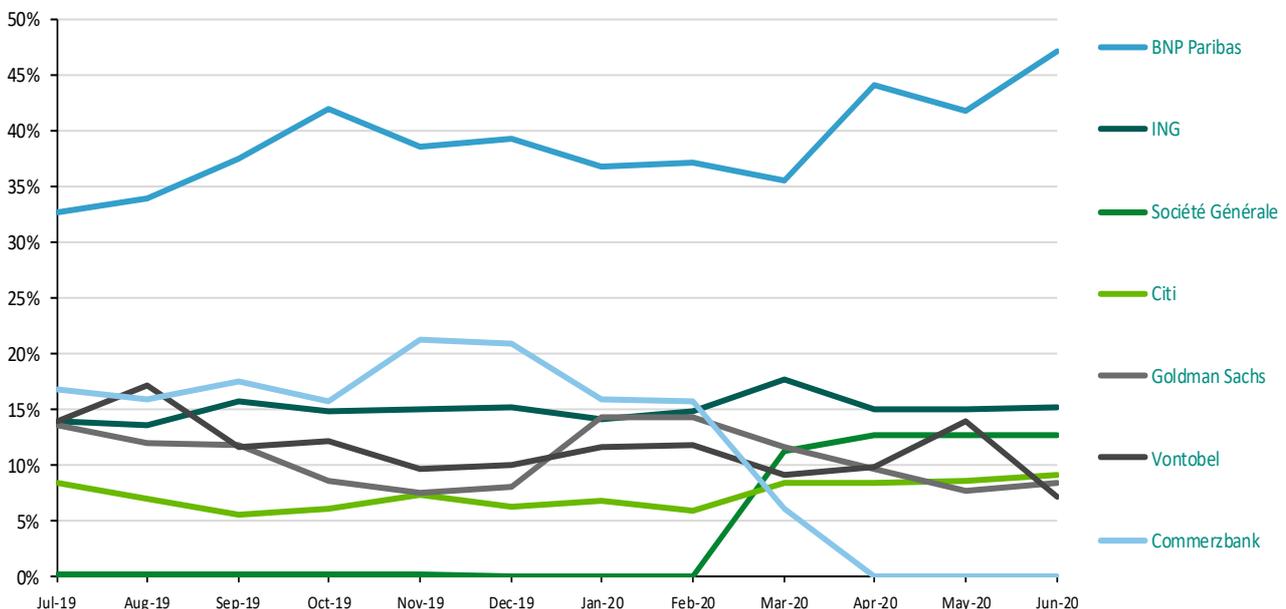
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# ISSUERS

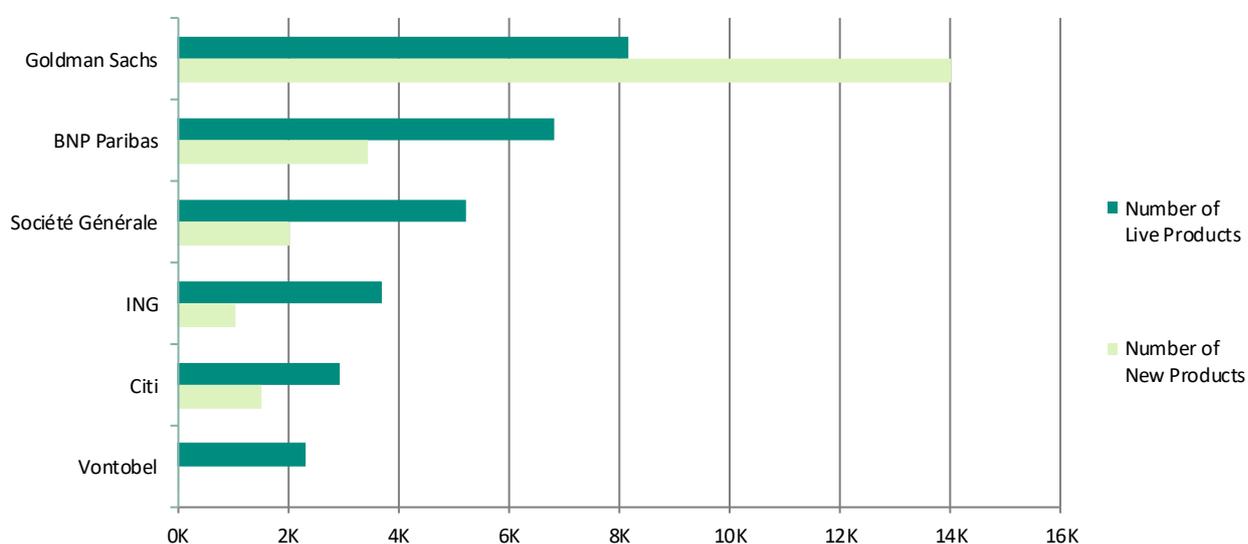
## Product Overview

The table below displays the daily averages of value traded and number of trades per issuer on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	8,160	11.0%	15.0%	28.0%	14,026	115%	180%	63.6%
BNP Paribas	6,840	-5.0%	25%	23.4%	3,453	30%	33%	15.7%
Société Générale	5,233	-1.7%	237%	17.9%	2,023	88%	144%	9.2%
ING	3,685	8.0%	12.1%	12.6%	1,054	91%	36%	4.8%
Citi	2,933	-11.0%	13.7%	10.1%	1,500	36%	43%	6.8%
Vontobel	2,326	-22%	-14.0%	8.0%	1	-100%	-100%	0.0%
<b>Total</b>	<b>29,177</b>	<b>-1.3%</b>	<b>12.0%</b>	<b>100%</b>	<b>22,057</b>	<b>54.3%</b>	<b>71.8%</b>	<b>100%</b>

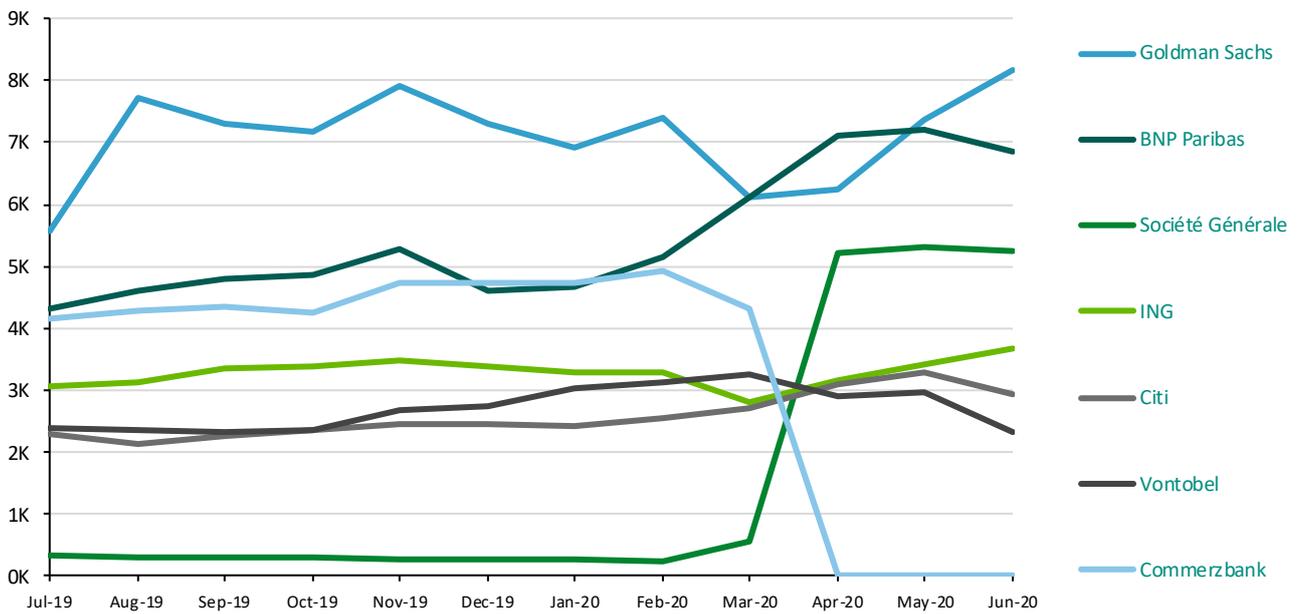
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# ISSUERS

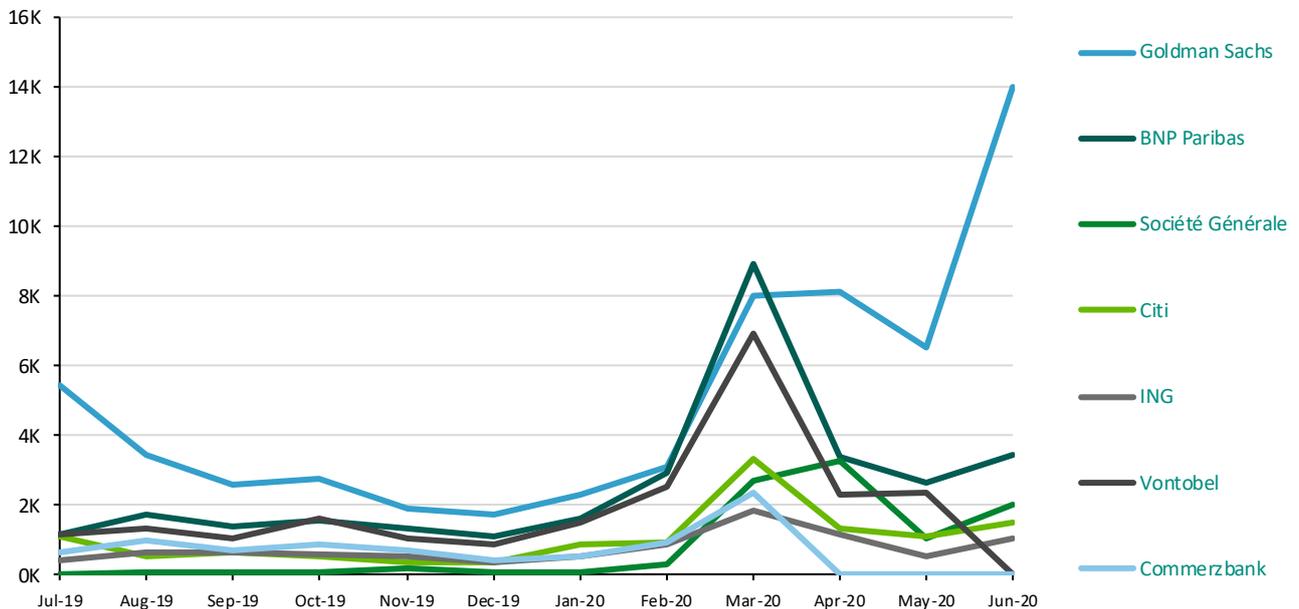
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



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

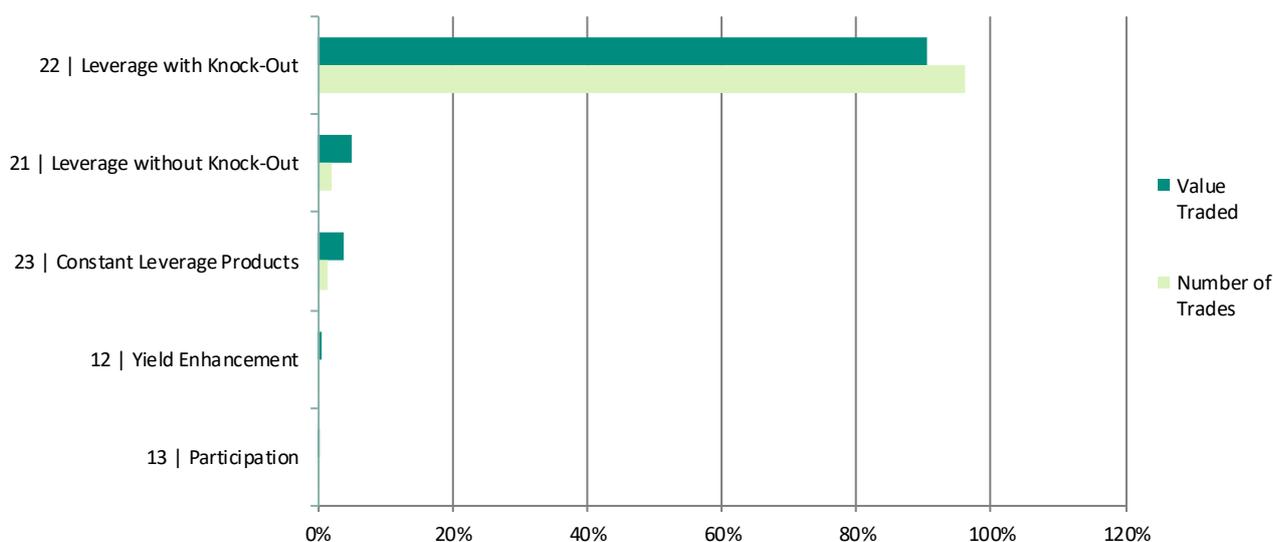
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	24,132	-7.6%	5.5%	90.5%	8,673	-11.3%	1.7%	96.3%
21   Leverage without Knock-Out	1,363	-46%	-3.3%	5.1%	188	-22.6%	18.8%	2.1%
23   Constant Leverage Products	1,015	114%	156%	3.8%	135	-11.6%	8.2%	1.5%
12   Yield Enhancement	139	11.0%	-25%	0.5%	12	-4.7%	-33.9%	0.1%
13   Participation	12	-38%	-65%	0.0%	3.1	-34.2%	-38.4%	0.0%
<b>Total</b>	<b>26,661</b>	<b>-8.9%</b>	<b>7.1%</b>	<b>100%</b>	<b>9,011</b>	<b>-11.5%</b>	<b>2.0%</b>	<b>100%</b>

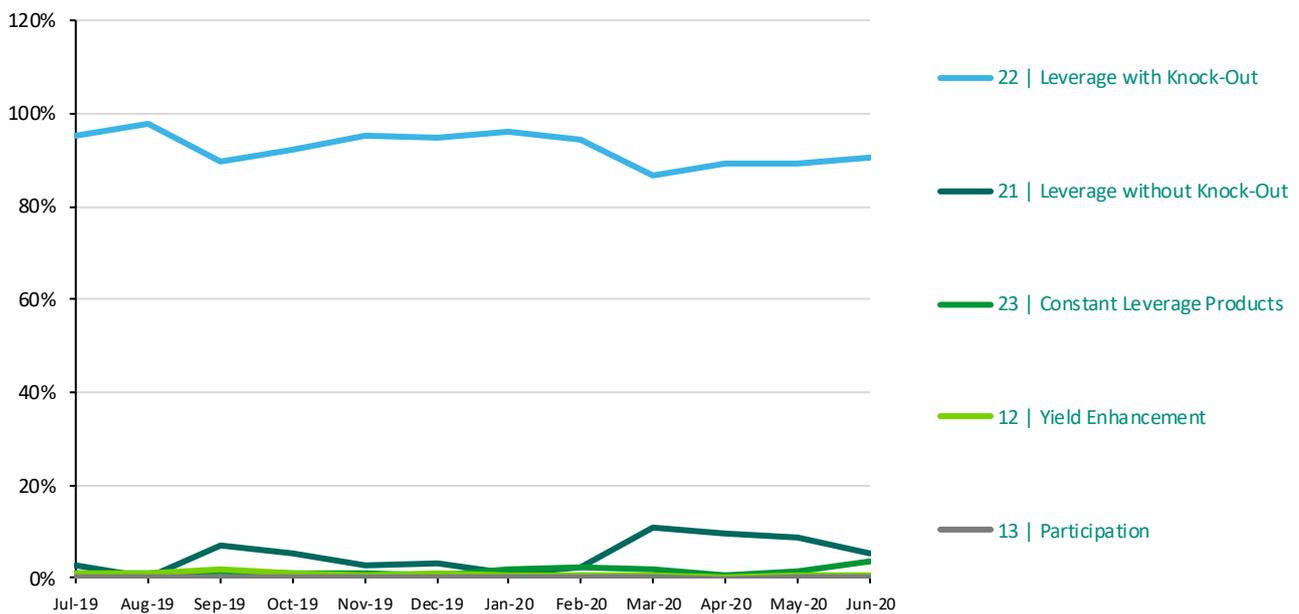
(Source Euronext)



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

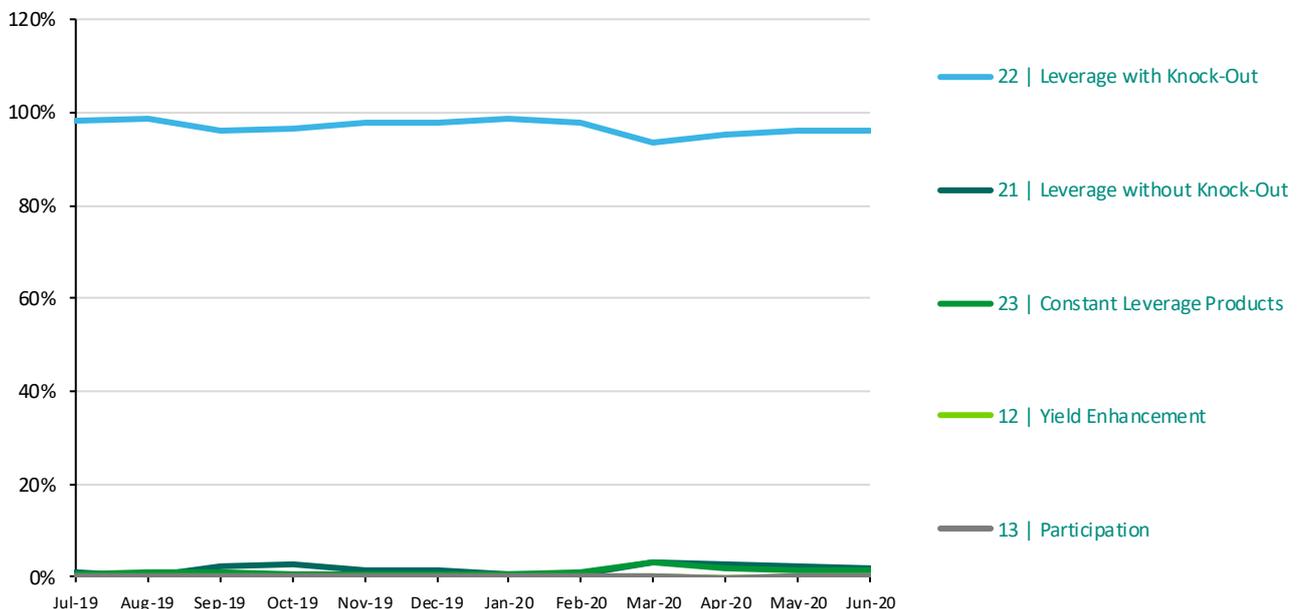
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Nederland instruments traded on Euronext's pan-European MTF.



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

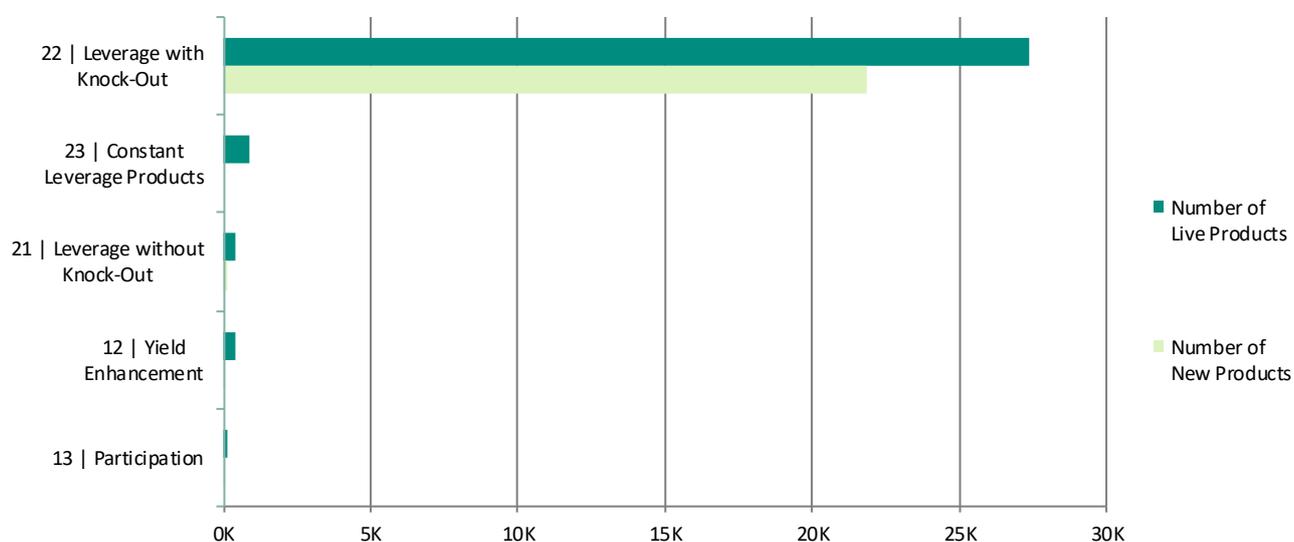
### Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	27,397	-1.4%	10.6%	93.9%	21,873	56%	74%	99.2%
23   Constant Leverage Products	844	-4.7%	57%	2.9%	0	-100%	-100%	0.0%
21   Leverage without Knock-Out	416	7.4%	26%	1.4%	109	990%	85%	0.5%
12   Yield Enhancement	394	7.3%	34%	1.4%	67	26%	24%	0.3%
13   Participation	126	0.1%	-7.0%	0.4%	8	-33%	-40%	0.0%
<b>Total</b>	<b>29,177</b>	<b>-1.3%</b>	<b>12.0%</b>	<b>100%</b>	<b>22,057</b>	<b>54.3%</b>	<b>71.8%</b>	<b>100%</b>

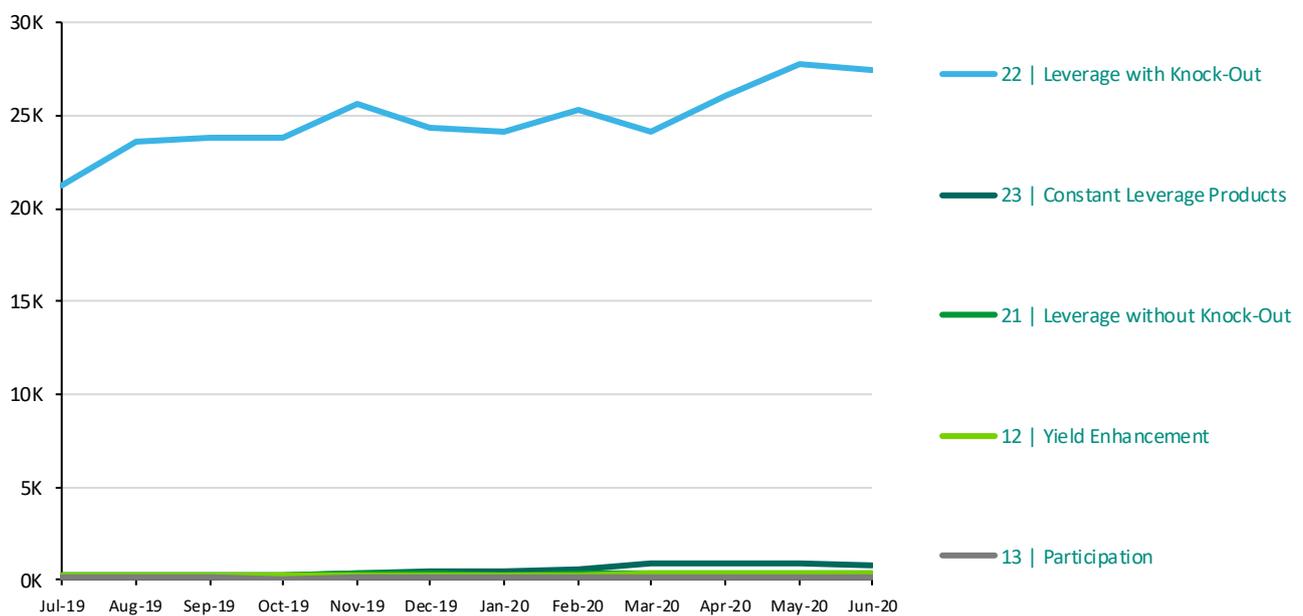
(Source Euronext)



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

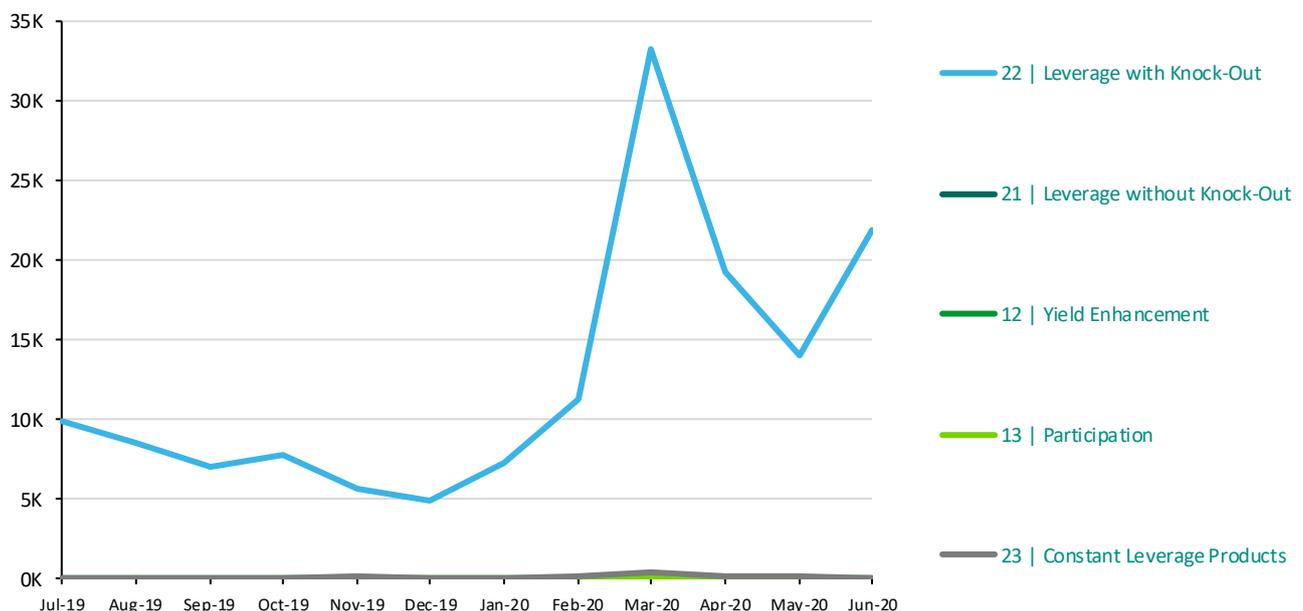
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



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

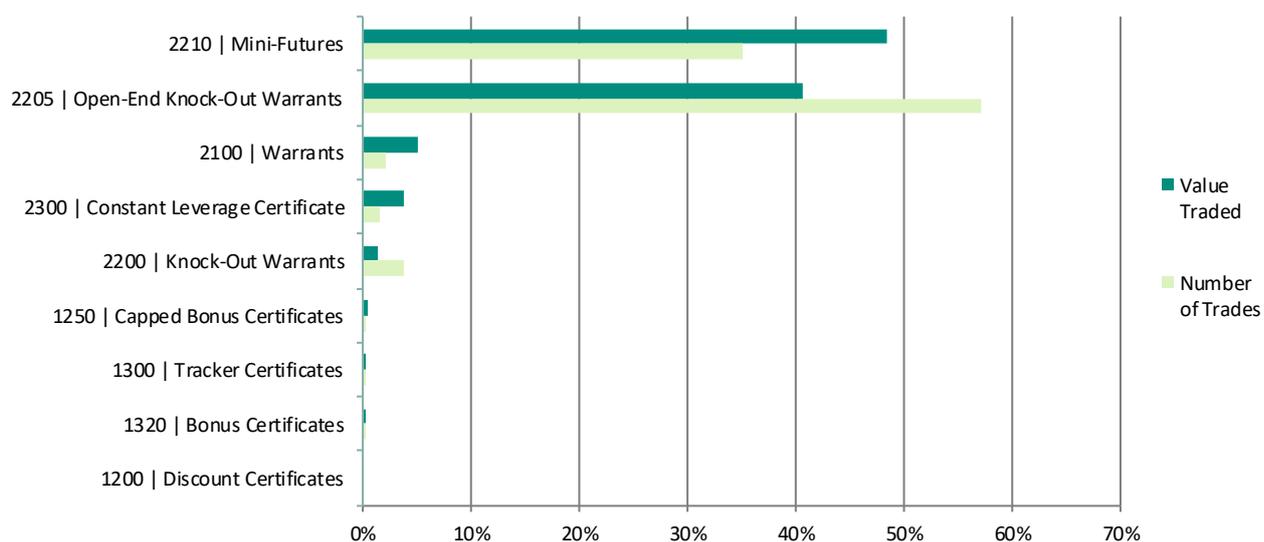
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	12,933	-1.6%	25%	48.5%	3,170	-7.2%	13.8%	35.2%
2205   Open-End Knock-Out Warrants	10,846	-12.2%	-8.9%	40.7%	5,158	-12.9%	-4.3%	57.2%
2100   Warrants	1,363	-46%	-3.3%	5.1%	188	-23%	18.8%	2.1%
2300   Constant Leverage Certificate	1,015	114%	156%	3.8%	135	-11.6%	8.2%	1.5%
2200   Knock-Out Warrants	353	-44%	-39%	1.3%	345	-21%	-3.4%	3.8%
1250   Capped Bonus Certificates	139	11.0%	-25%	0.5%	12	-4.7%	-34%	0.1%
1300   Tracker Certificates	7	-46%	-69%	0.0%	1.7	-33%	-39%	0.0%
1320   Bonus Certificates	5	-26%	-58%	0.0%	1.4	-36%	-38%	0.0%
1200   Discount Certificates	0			0.0%	0.0			0.0%
<b>Total</b>	<b>26,661</b>	<b>-8.9%</b>	<b>7.1%</b>	<b>100%</b>	<b>9,011</b>	<b>-11.5%</b>	<b>2.0%</b>	<b>100%</b>

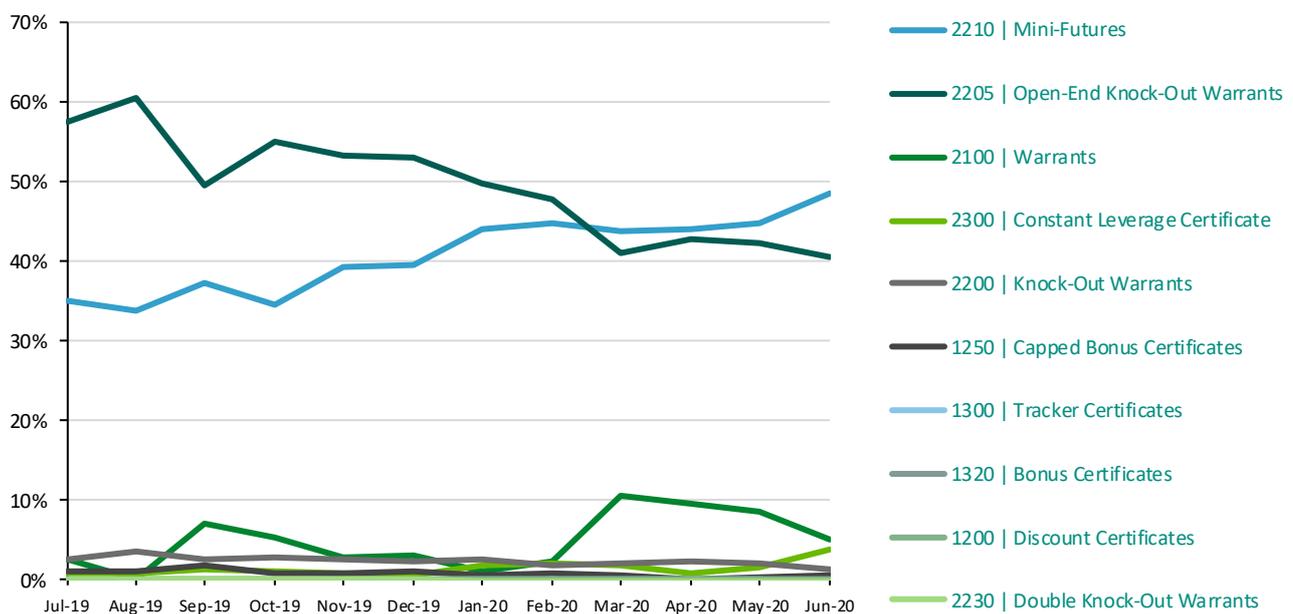
(Source Euronext)



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

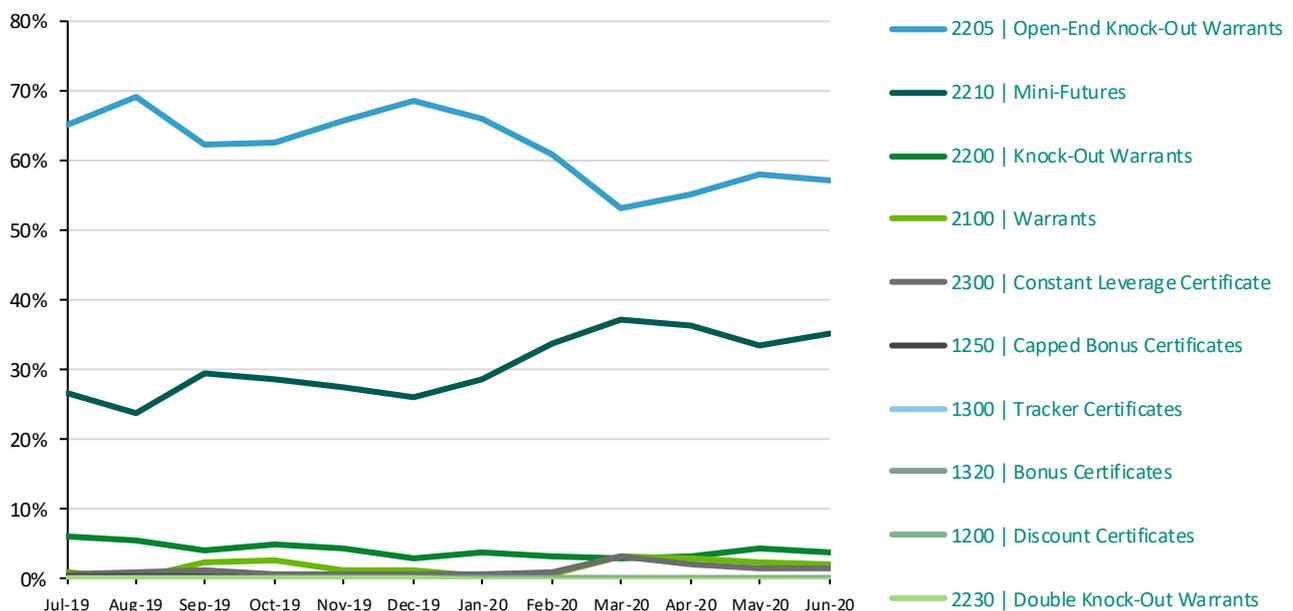
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Nederland instruments traded on Euronext's pan-European MTF.



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

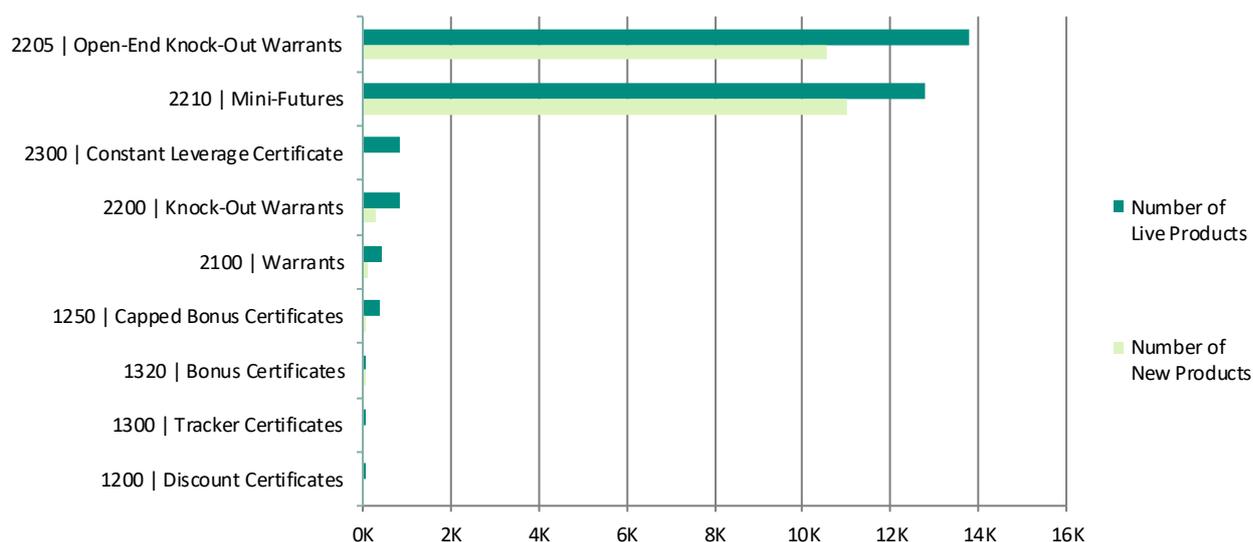
## Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	13,775	-0.9%	13.6%	47.2%	10,570	44%	68%	47.9%
2210   Mini-Futures	12,784	-0.4%	8.7%	43.8%	10,995	82%	92%	49.8%
2300   Constant Leverage Certificate	844	-4.7%	57%	2.9%	0	-100%	-100%	0.0%
2200   Knock-Out Warrants	838	-21%	-2.2%	2.9%	308	-50%	-46%	1.4%
2100   Warrants	416	7.4%	26%	1.4%	109	990%	85%	0.5%
1250   Capped Bonus Certificates	388	7.7%	34%	1.3%	67	26%	25%	0.3%
1320   Bonus Certificates	71	1.1%	-9.6%	0.2%	8	-33%	-40%	0.0%
1300   Tracker Certificates	55	-1.1%	-3.4%	0.2%	0			0.0%
1200   Discount Certificates	6	-10.4%	34%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>29,177</b>	<b>-1.3%</b>	<b>12.0%</b>	<b>100%</b>	<b>22,057</b>	<b>54%</b>	<b>72%</b>	<b>100%</b>

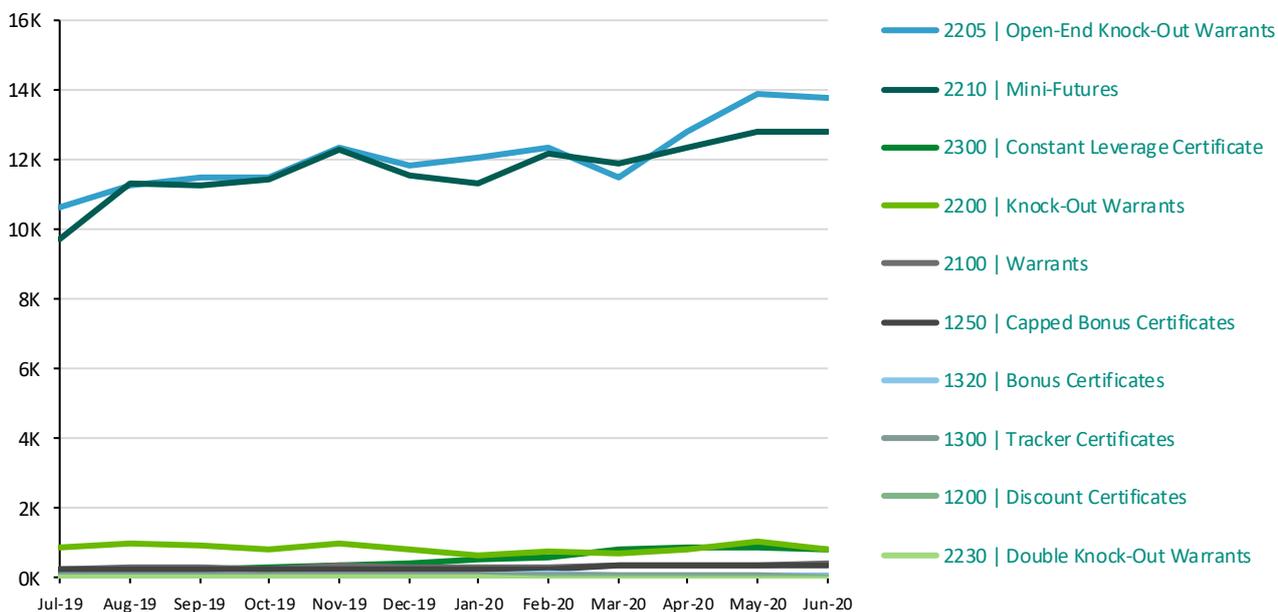
(Source Euronext)



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

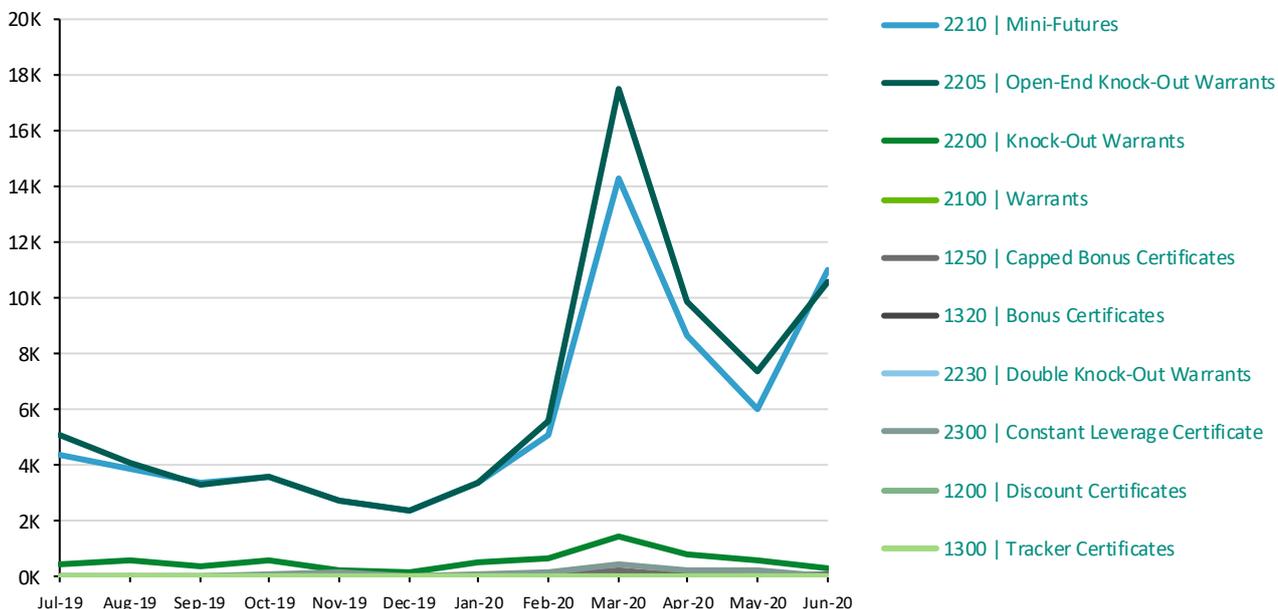
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

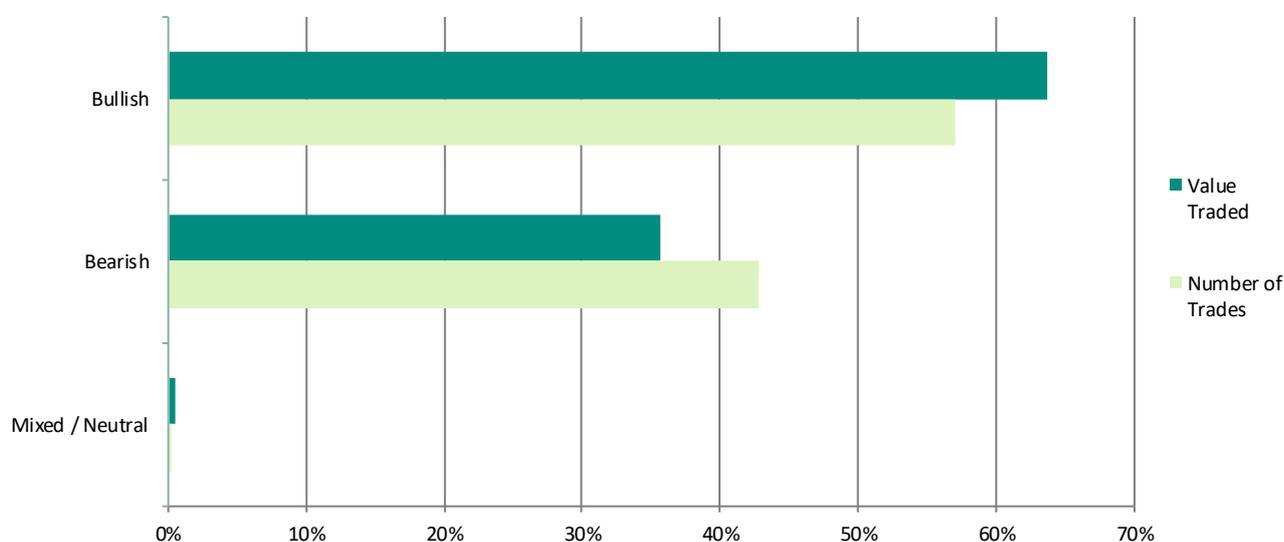
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	16,997	-9.4%	5.3%	63.8%	5,145	-10.9%	-2.9%	57.1%
Bearish	9,525	-8.2%	11.1%	35.7%	3,854	-12.3%	9.5%	42.8%
Mixed / Neutral	139	11.0%	-25%	0.5%	12	-4.7%	-35%	0.1%
Total	26,661	-8.9%	7.1%	100%	9,011	-11.5%	2.0%	100%

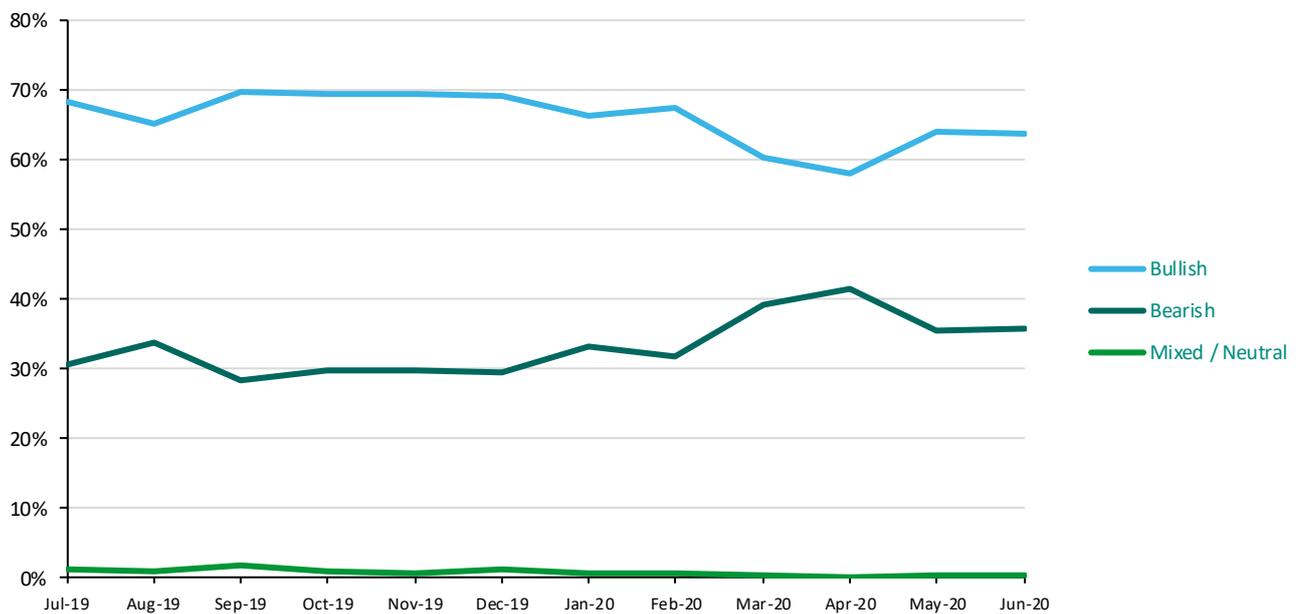
(Source Euronext)



# PRODUCT STRATEGIES

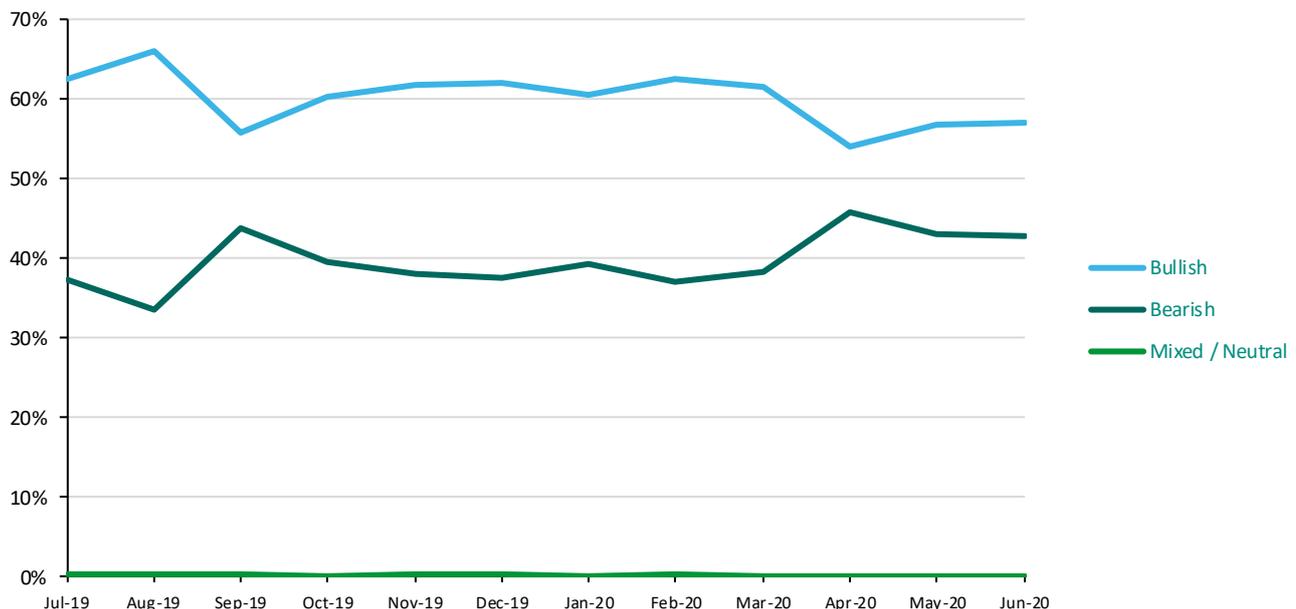
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

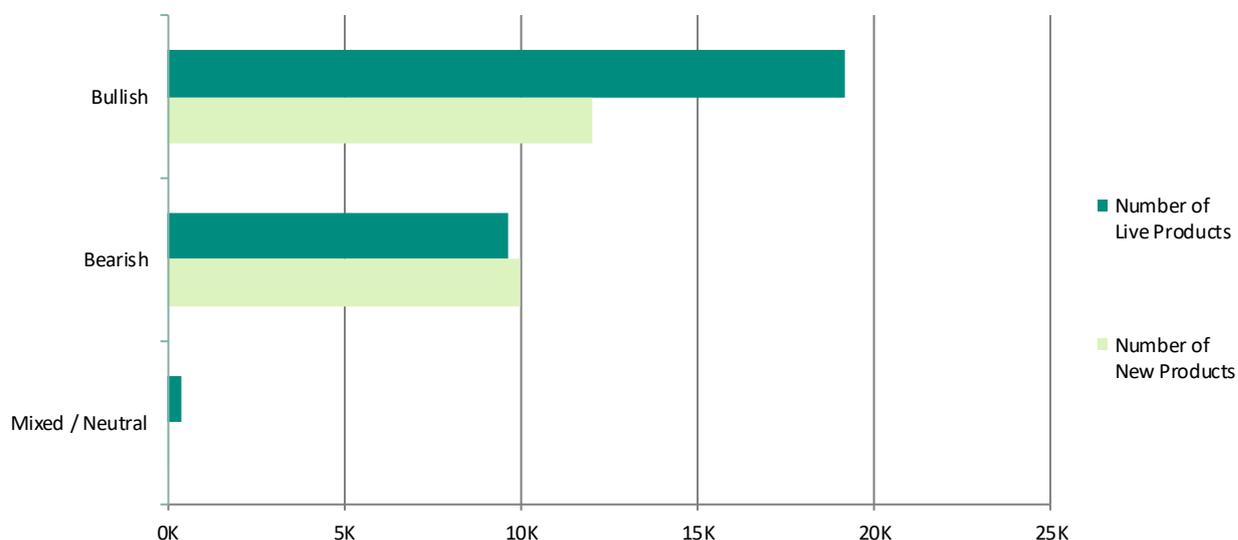
## Product Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	19,163	10.6%	15.8%	65.7%	12,023	46%	63%	54.5%
Bearish	9,620	-19.0%	4.7%	33.0%	9,967	66%	85%	45.2%
Mixed / Neutral	394	7.3%	24%	1.4%	67	26%	9.5%	0.3%
<b>Total</b>	<b>29,177</b>	<b>-1.3%</b>	<b>12.0%</b>	<b>100%</b>	<b>22,057</b>	<b>54.3%</b>	<b>71.8%</b>	<b>100%</b>

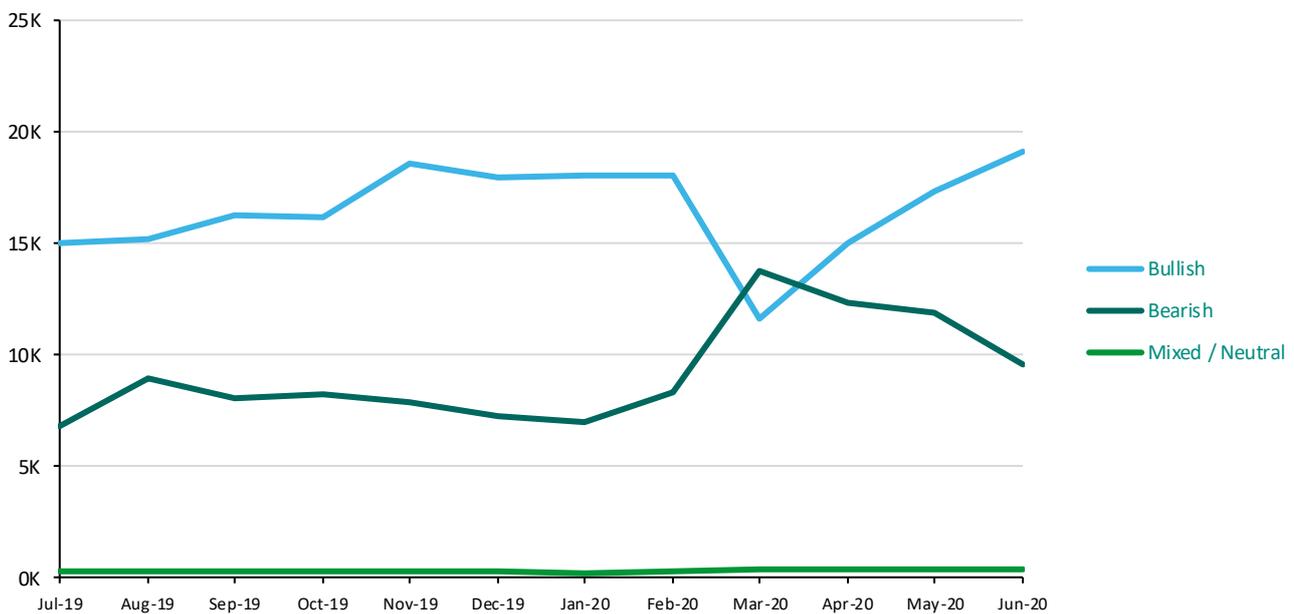
(Source Euronext)



# PRODUCT STRATEGIES

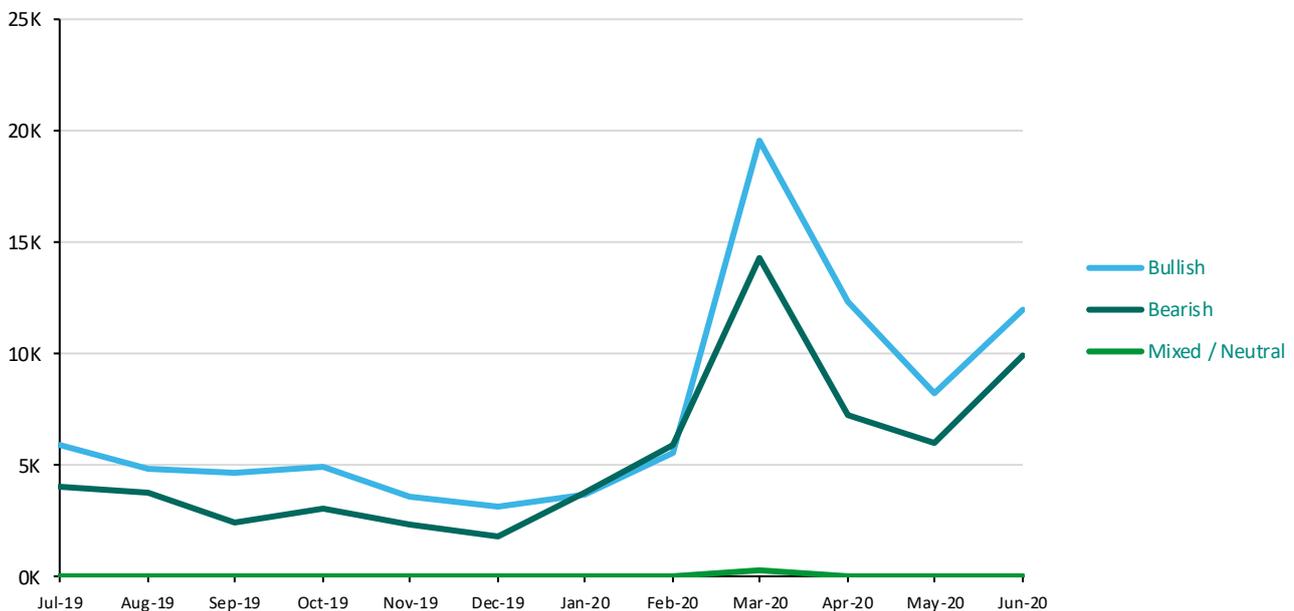
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## UNDERLYING TYPES

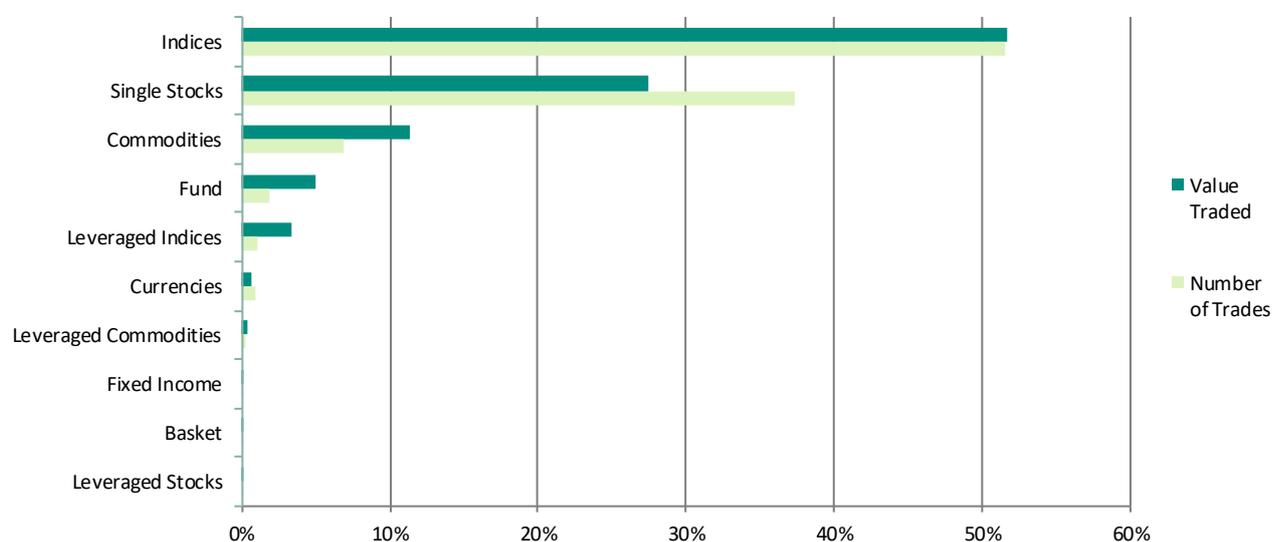
### Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	13,777	-5.9%	12.7%	51.7%	4,654	-7.4%	3.7%	51.6%
Single Stocks	7,311	-6.7%	-1.2%	27.4%	3,363	-12.9%	6.6%	37.3%
Commodities	3,042	-9.5%	-3.0%	11.4%	617	-19.3%	-23.6%	6.8%
Fund	1,327	-47%	-5.3%	5.0%	165	-31.5%	6.7%	1.8%
Leveraged Indices	898	231%	210%	3.4%	90	44.0%	36.3%	1.0%
Currencies	188	-54%	-40%	0.7%	88	-40.7%	-27.1%	1.0%
Leveraged Commodities	103	-40%	47%	0.4%	27	-57.2%	-11.0%	0.3%
Fixed Income	13	-78%	-73%	0.0%	4.8	-66.6%	-68.4%	0.1%
Basket	3	-70%	-81%	0.0%	0.6	-54.5%	-51.8%	0.0%
Leveraged Stocks	0	-92%	-89%	0.0%	1.0	-50.2%	-0.1%	0.0%
<b>Total</b>	<b>26,661</b>	<b>-8.9%</b>	<b>7.1%</b>	<b>100%</b>	<b>9,011</b>	<b>-11.5%</b>	<b>2.0%</b>	<b>100%</b>

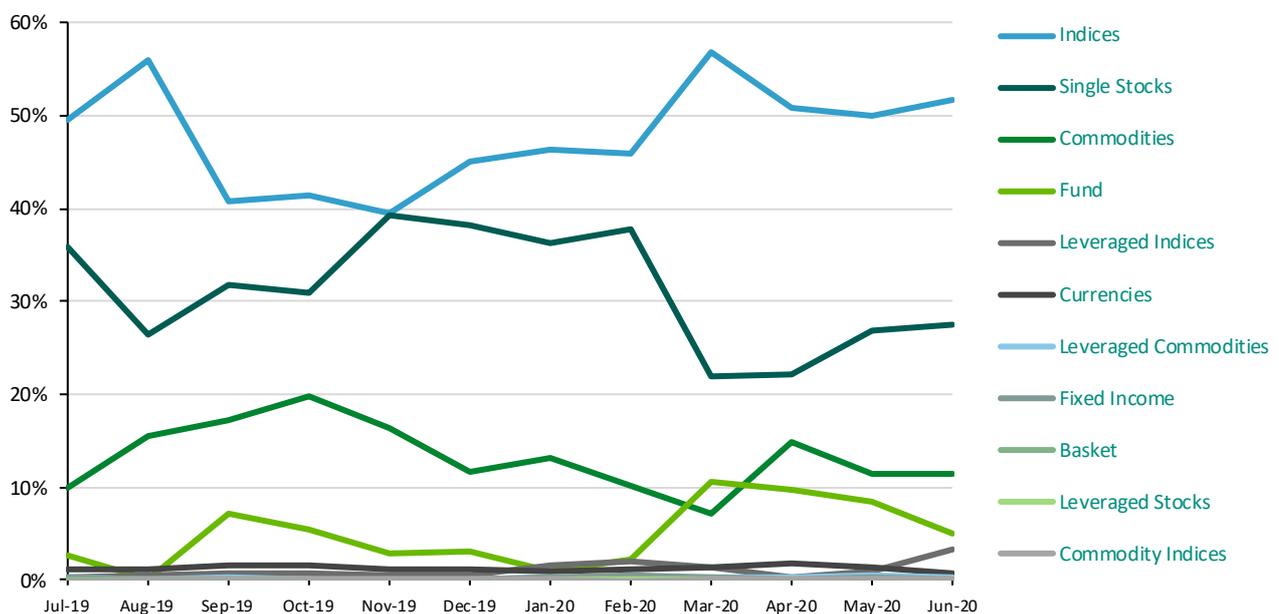
(Source Euronext)



# UNDERLYING TYPES

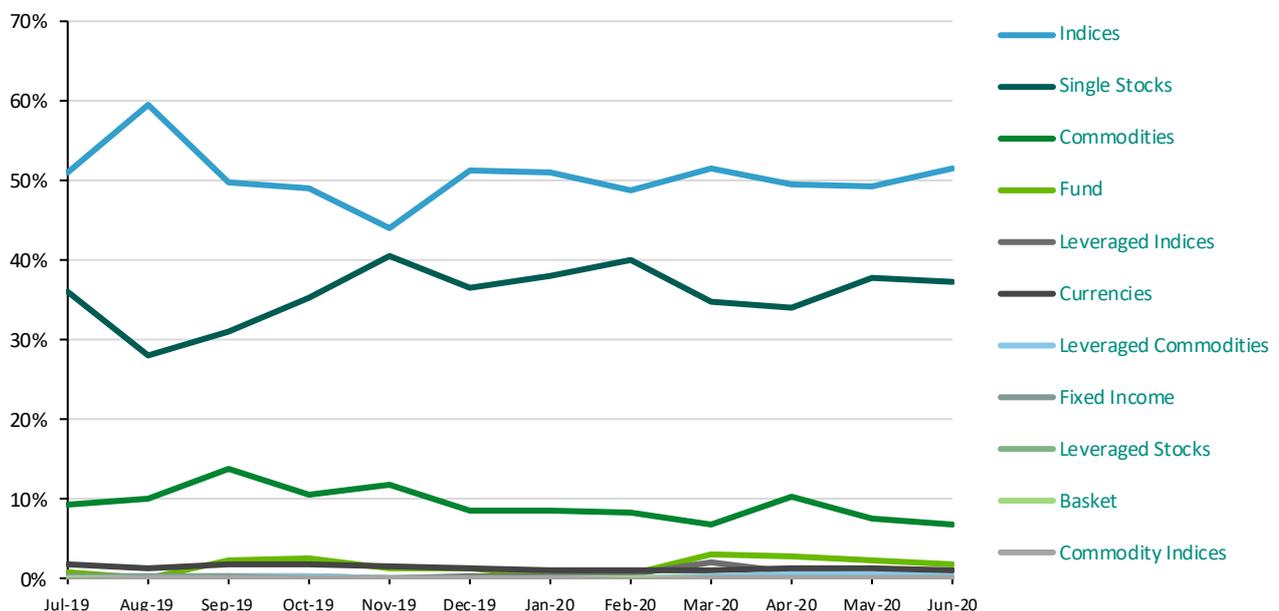
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## UNDERLYING TYPES

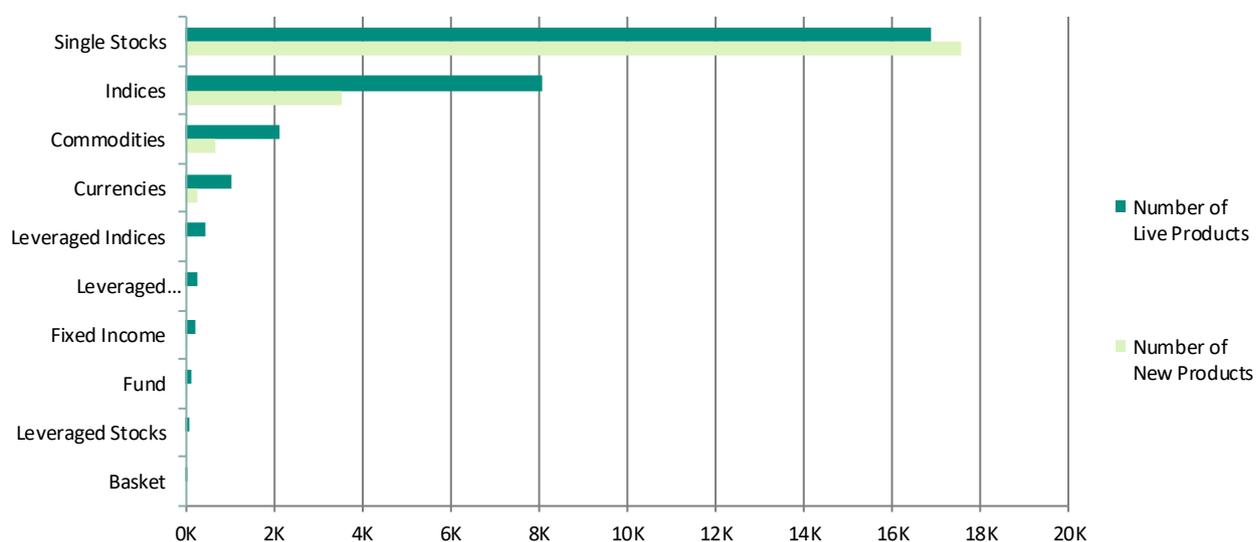
### Product Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	16,883	-0.1%	6.1%	57.9%	17,569	78%	109%	79.7%
Indices	8,079	-3.9%	22%	27.7%	3,546	5.0%	9.0%	16.1%
Commodities	2,118	-0.5%	15.2%	7.3%	657	1.9%	-18.8%	3.0%
Currencies	1,020	1.5%	12.9%	3.5%	271	77%	23%	1.2%
Leveraged Indices	443	-1.6%	88%	1.5%	0	-100%	-100%	0.0%
Leveraged Commodities	241	-8.8%	75%	0.8%	0	-100%	-100%	0.0%
Fixed Income	202	-3.4%	-13.8%	0.7%	10	150%	-58%	0.0%
Fund	109	3.5%	19.3%	0.4%	4	33%	55%	0.0%
Leveraged Stocks	67	-3.8%	58%	0.2%	0	-100%	-100%	0.0%
Basket	14	-0.9%	-0.2%	0.0%	0			0.0%
<b>Total</b>	<b>29,177</b>	<b>-1.3%</b>	<b>12.0%</b>	<b>100%</b>	<b>22,057</b>	<b>54.3%</b>	<b>71.8%</b>	<b>100%</b>

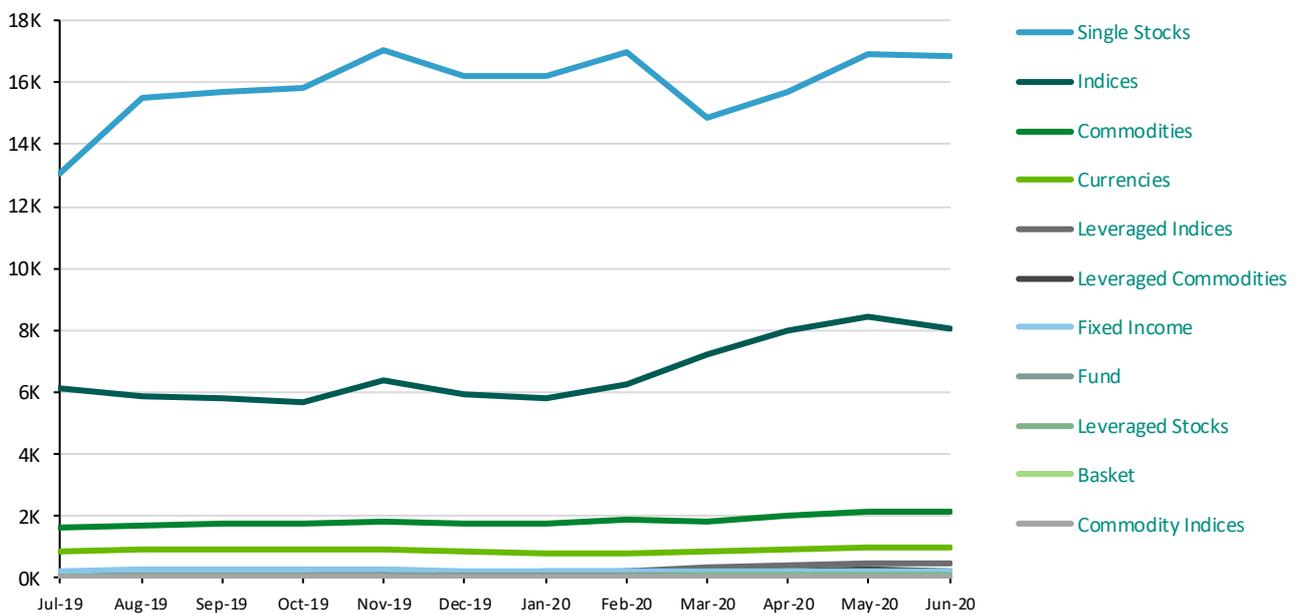
(Source Euronext)



# UNDERLYING TYPES

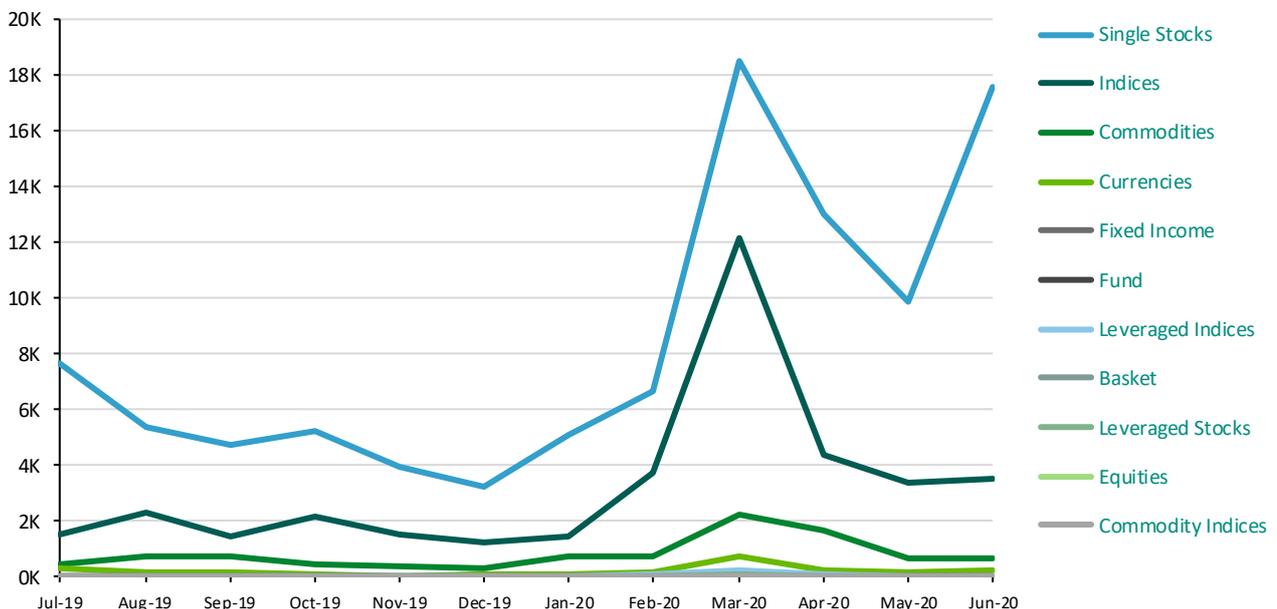
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euroclear Nederland instruments traded on Euronext’s pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euroclear Nederland instruments traded on Euronext’s pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

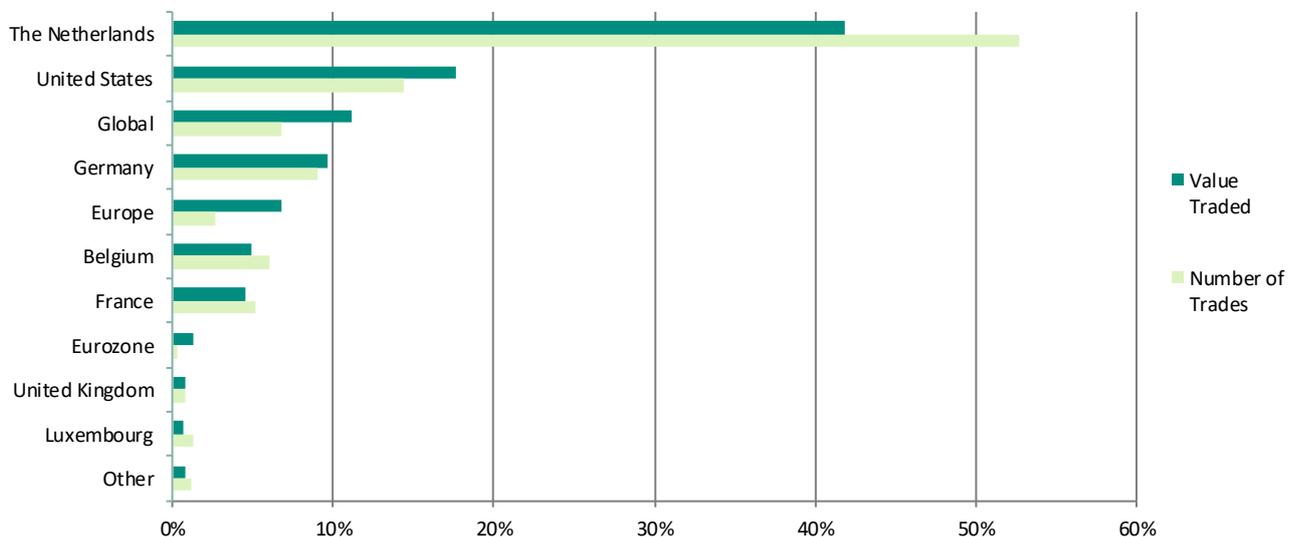
## Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	11,154	-9.0%	4.8%	41.8%	4,751	-11.2%	2.4%	52.7%
United States	4,712	-12.6%	40%	17.7%	1,294	-8.6%	14.4%	14.4%
Global	2,981	-9.6%	-7.0%	11.2%	605	-17.7%	-27%	6.7%
Germany	2,565	47%	3.6%	9.6%	811	-15.1%	-8.0%	9.0%
Europe	1,816	-37%	7.8%	6.8%	241	-24%	14.7%	2.7%
Belgium	1,300	-27%	-29%	4.9%	539	-19.9%	6.4%	6.0%
France	1,208	23%	100%	4.5%	460	32%	83%	5.1%
Eurozone	338	901%	304%	1.3%	26	457%	287%	0.3%
United Kingdom	205	-15.8%	-12.8%	0.8%	69	-11.4%	-11.2%	0.8%
Luxembourg	173	-46%	-65%	0.6%	116	-42%	-41%	1.3%
Other	209	-31%	-26%	0.8%	98	-10.7%	-8.4%	1.1%
<b>Total</b>	<b>26,661</b>	<b>-8.9%</b>	<b>7.1%</b>	<b>100%</b>	<b>9,011</b>	<b>-11.5%</b>	<b>2.0%</b>	<b>100%</b>

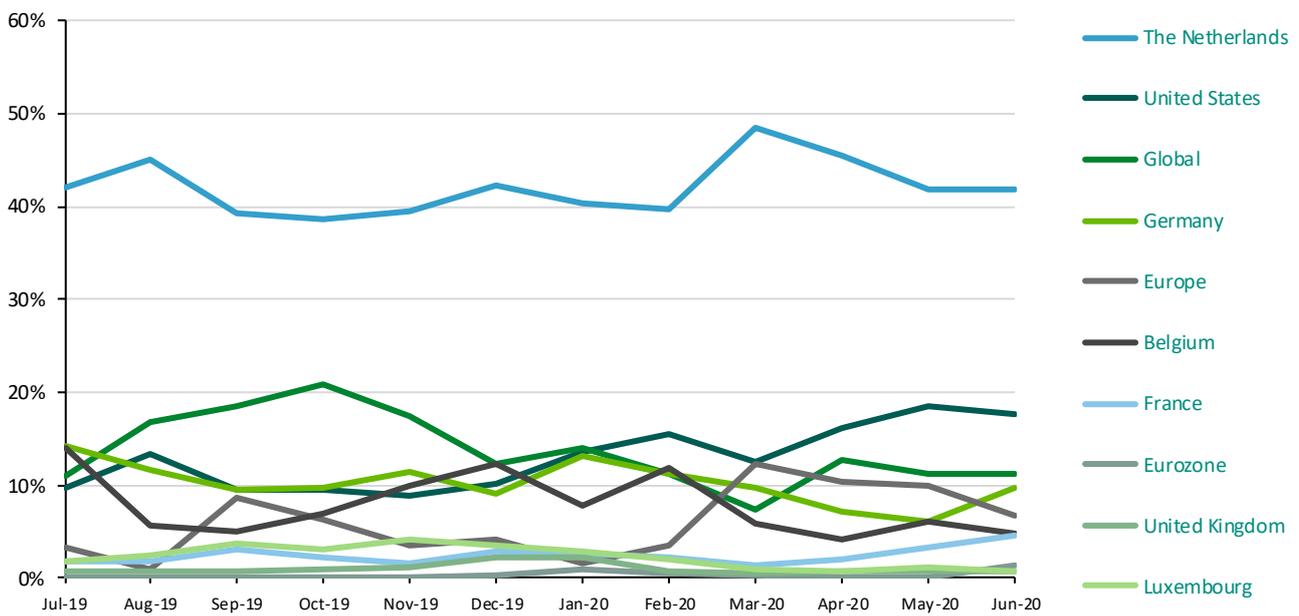
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

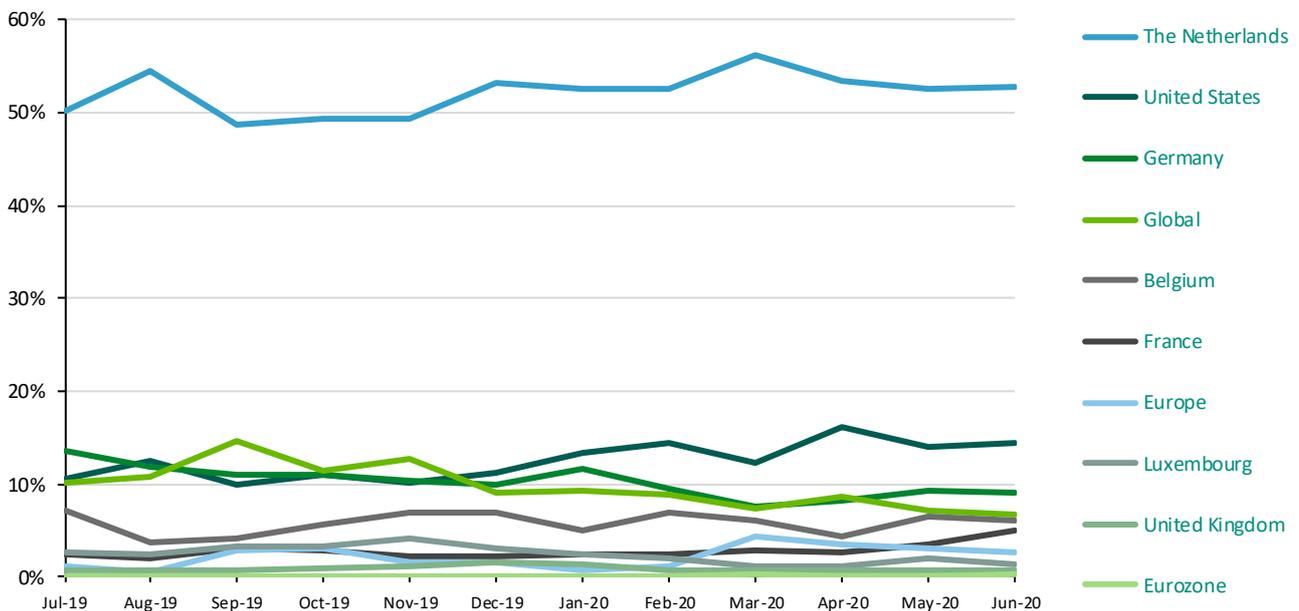
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

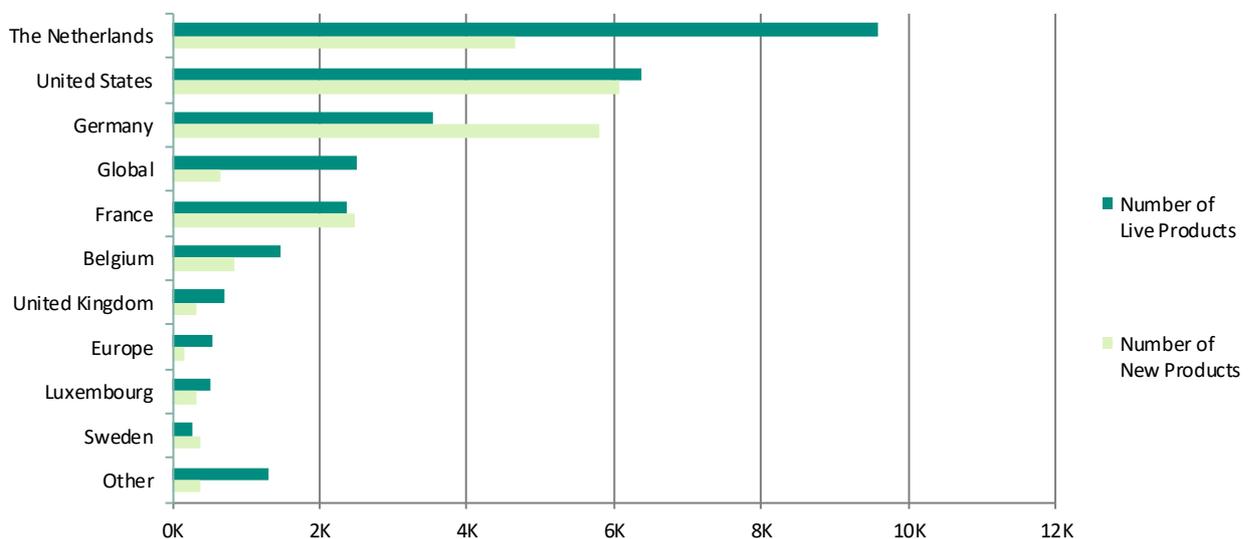
## Product Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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

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	9,582	-3.0%	12.2%	32.8%	4,664	13.4%	18.4%	21.1%
United States	6,375	-0.8%	16.7%	21.8%	6,082	78%	95%	27.6%
Germany	3,542	-0.9%	16.7%	12.1%	5,794	116%	171%	26.3%
Global	2,492	-1.8%	9.5%	8.5%	640	-9.0%	-21%	2.9%
France	2,364	5.2%	7.1%	8.1%	2,464	49%	123%	11.2%
Belgium	1,472	-0.2%	2.0%	5.0%	849	66%	53%	3.8%
United Kingdom	706	-2.3%	4.6%	2.4%	327	35%	41%	1.5%
Europe	541	2.2%	24%	1.9%	155	13.1%	13.1%	0.7%
Luxembourg	523	-12.3%	-12.2%	1.8%	323	-22%	-10.6%	1.5%
Sweden	271	8.9%	11.7%	0.9%	375	142%	194%	1.7%
Other	1,310	-1.1%	14.0%	4.5%	384	40%	20%	1.7%
<b>Total</b>	<b>29,177</b>	<b>-1.3%</b>	<b>12.0%</b>	<b>100%</b>	<b>22,057</b>	<b>54.3%</b>	<b>71.8%</b>	<b>100%</b>

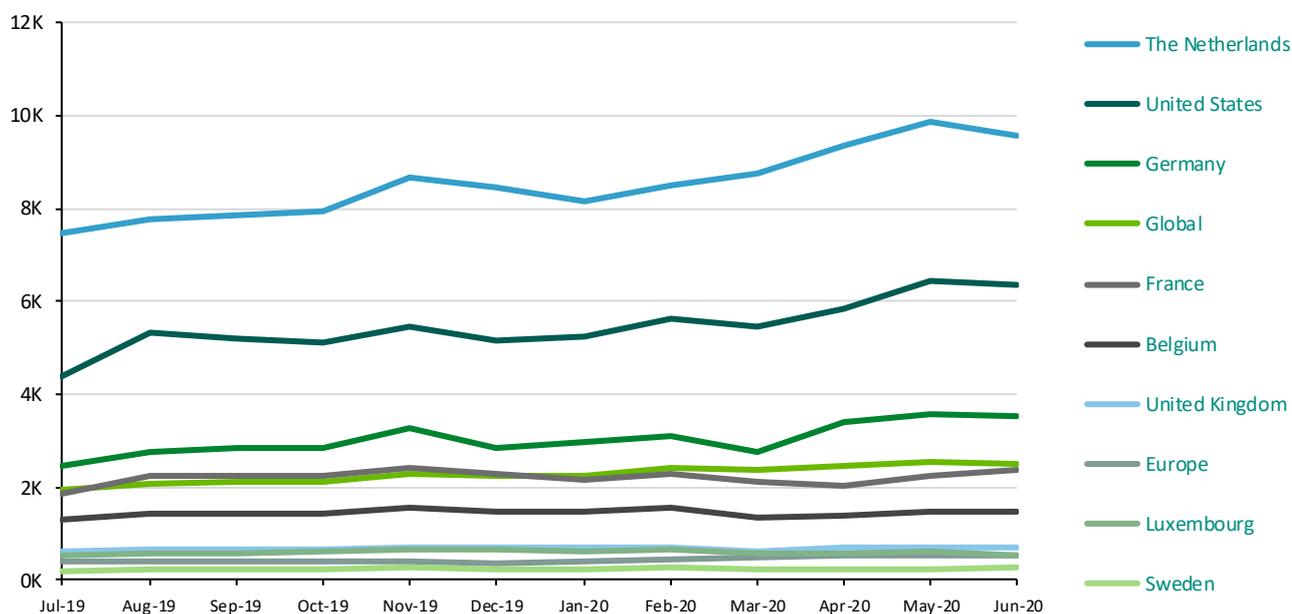
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

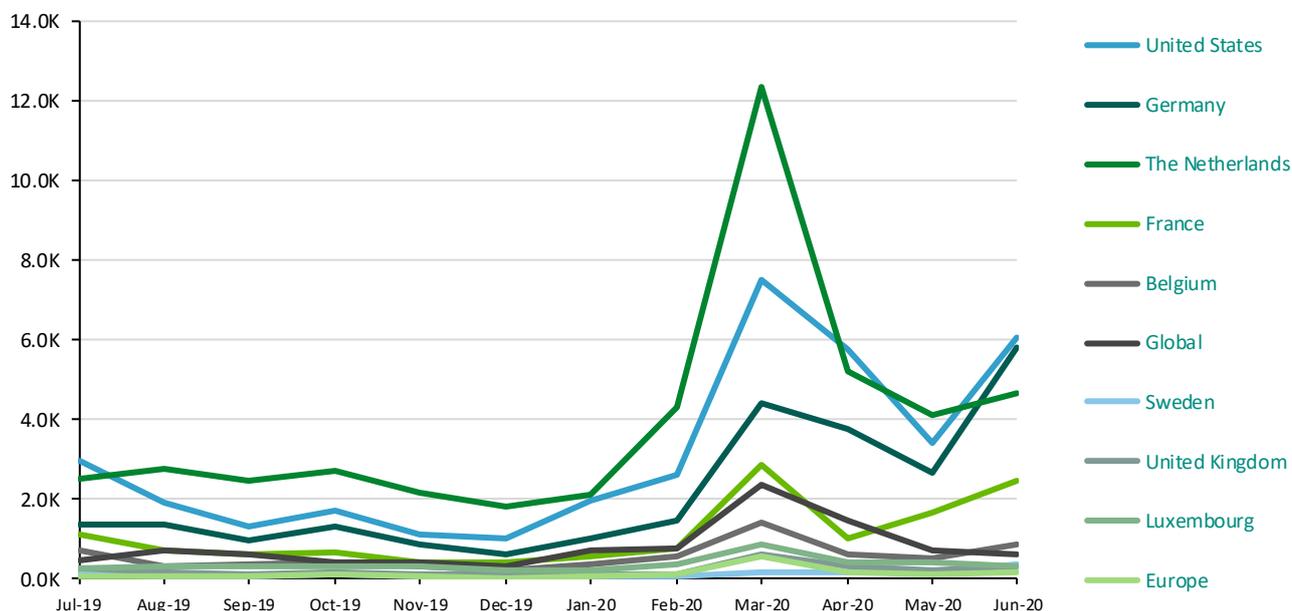
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

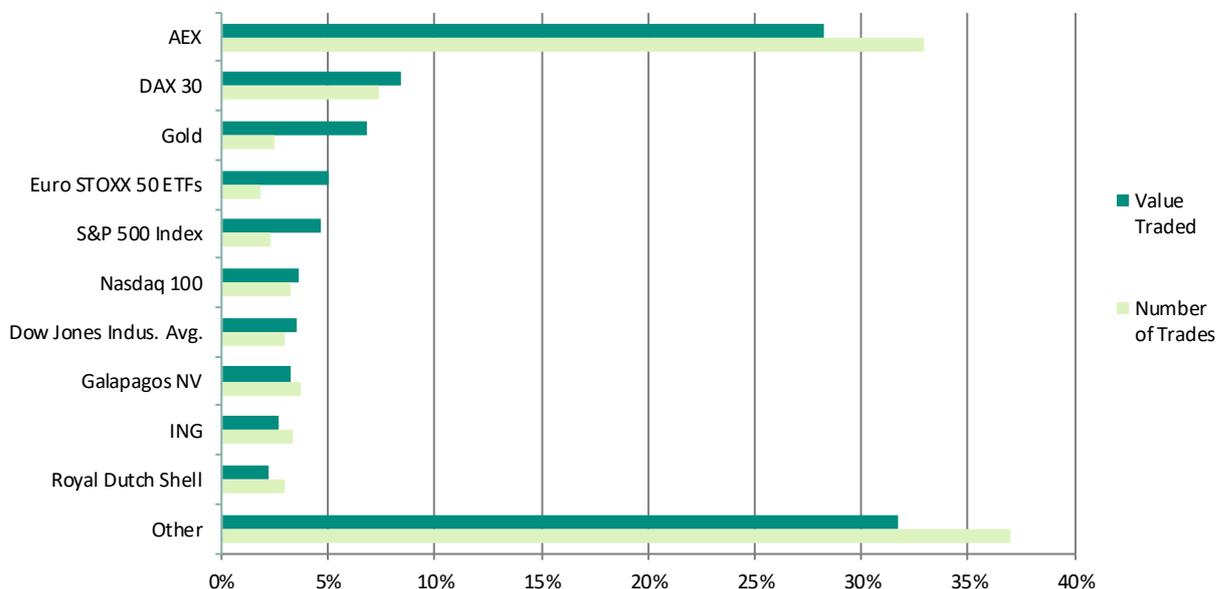
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	7,528	-11.3%	2.9%	28.2%	2,968	-7.8%	1.0%	32.9%
DAX 30	2,232	52%	1.8%	8.4%	663	-16.3%	-11.8%	7.4%
Gold	1,804	-9.0%	11.6%	6.8%	227	-14.2%	-22%	2.5%
Euro STOXX 50 ETFs	1,327	-47%	-5.3%	5.0%	165	-31%	6.7%	1.8%
S&P 500 Index	1,234	-31%	124%	4.6%	205	-15.7%	27%	2.3%
Nasdaq 100	961	11.6%	45%	3.6%	290	-0.6%	30%	3.2%
Dow Jones Indus. Avg.	939	-23%	9.4%	3.5%	269	-8.2%	15.6%	3.0%
Galapagos NV	856	-40%	-42%	3.2%	333	-32%	-4.2%	3.7%
ING	723	27%	90%	2.7%	298	-9.8%	50%	3.3%
Royal Dutch Shell	597	5.3%	46%	2.2%	262	-13.1%	22%	2.9%
Other	8,461	0.8%	5.1%	31.7%	3,331	-10.5%	0.3%	37.0%
Total	26,661	-8.9%	7.1%	100%	9,011	-11.5%	2.0%	100%

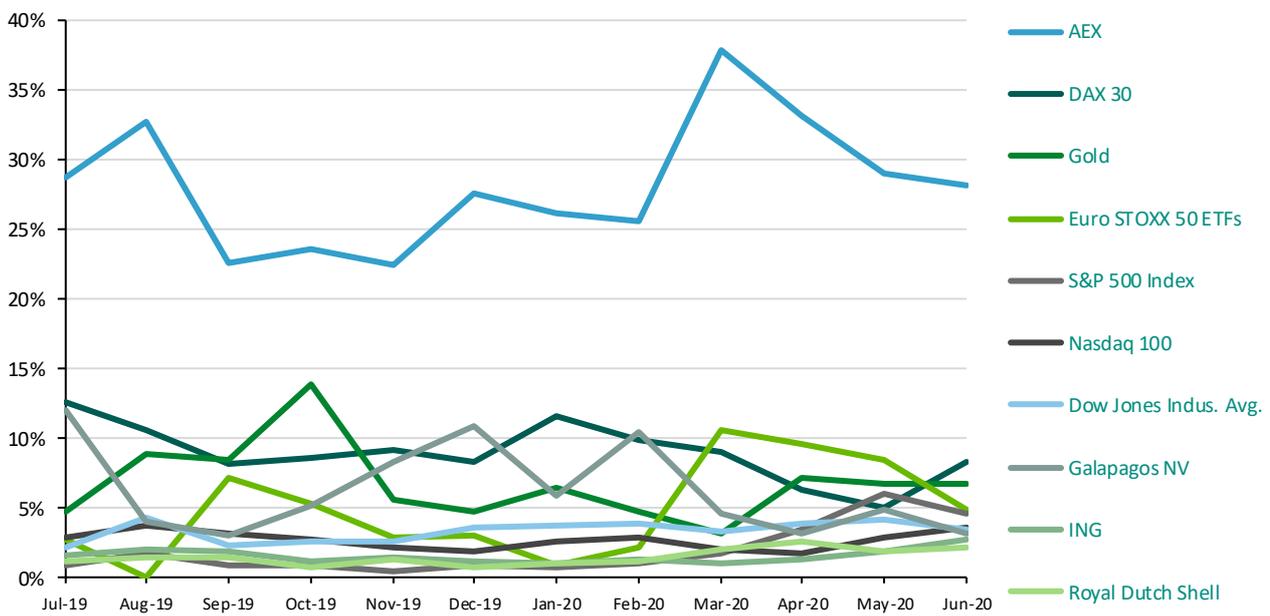
(Source Euronext)



# TOP 10 UNDERLYINGS

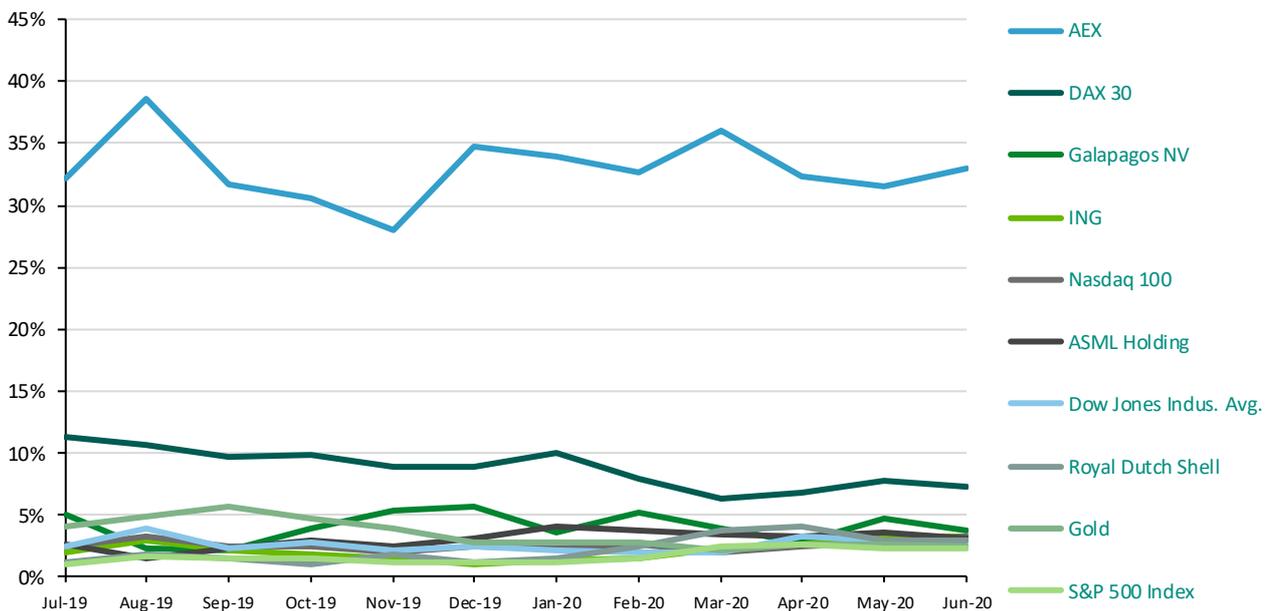
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## 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 Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

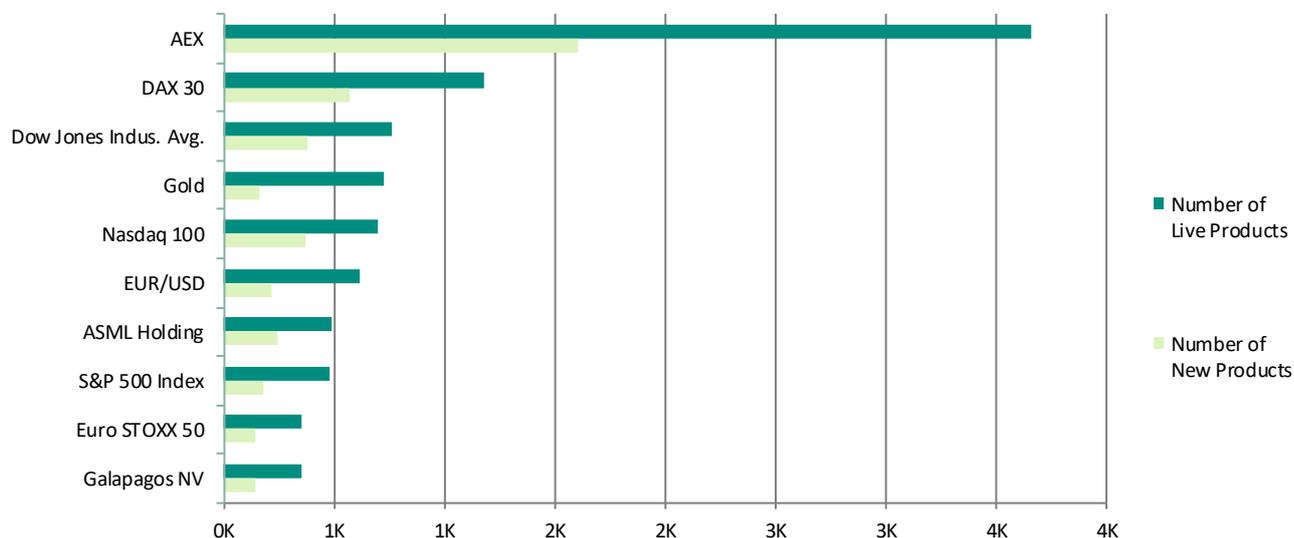
## Product Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Euroclear Nederland instruments traded on Euronext's pan-European MTF, 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.

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	3,662	-4.8%	33%	12.6%	1,603	0.1%	5.5%	7.3%
DAX 30	1,176	-5.0%	20%	4.0%	566	-18.1%	6.0%	2.6%
Dow Jones Indus. Avg.	760	-6.7%	18.2%	2.6%	375	10.6%	5.3%	1.7%
Gold	724	4.1%	23%	2.5%	161	39%	-3.4%	0.7%
Nasdaq 100	693	4.9%	21%	2.4%	370	34%	23%	1.7%
EUR/USD	616	4.5%	21%	2.1%	219	83%	47%	1.0%
ASML Holding	484	-6.0%	0.2%	1.7%	246	-2.0%	1.1%	1.1%
S&P 500 Index	477	-6.0%	10.2%	1.6%	175	-5.9%	1.4%	0.8%
Euro STOXX 50	352	4.0%	21%	1.2%	139	13.0%	19.2%	0.6%
Galapagos NV	348	-6.3%	3.2%	1.2%	141	6.0%	-3.3%	0.6%
Other	19,884	-0.5%	7.7%	68.1%	18,062	73%	98%	81.9%
Total	29,177	-1.3%	12.0%	100%	22,057	54.3%	71.8%	100%

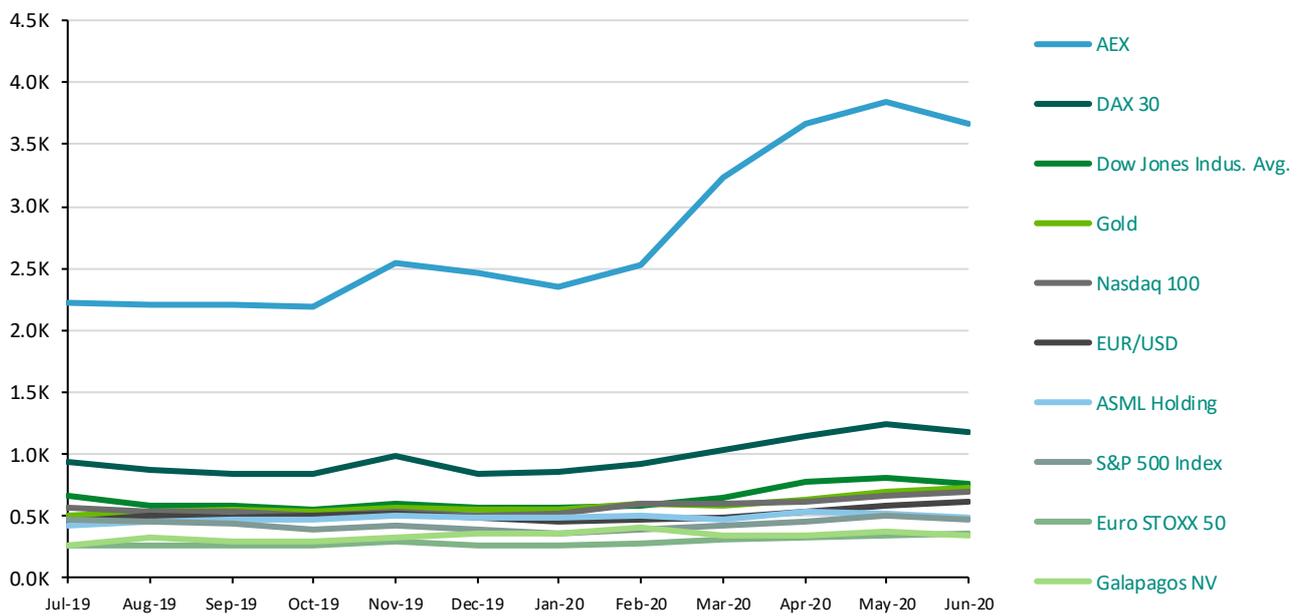
(Source Euronext)



# TOP 10 UNDERLYINGS

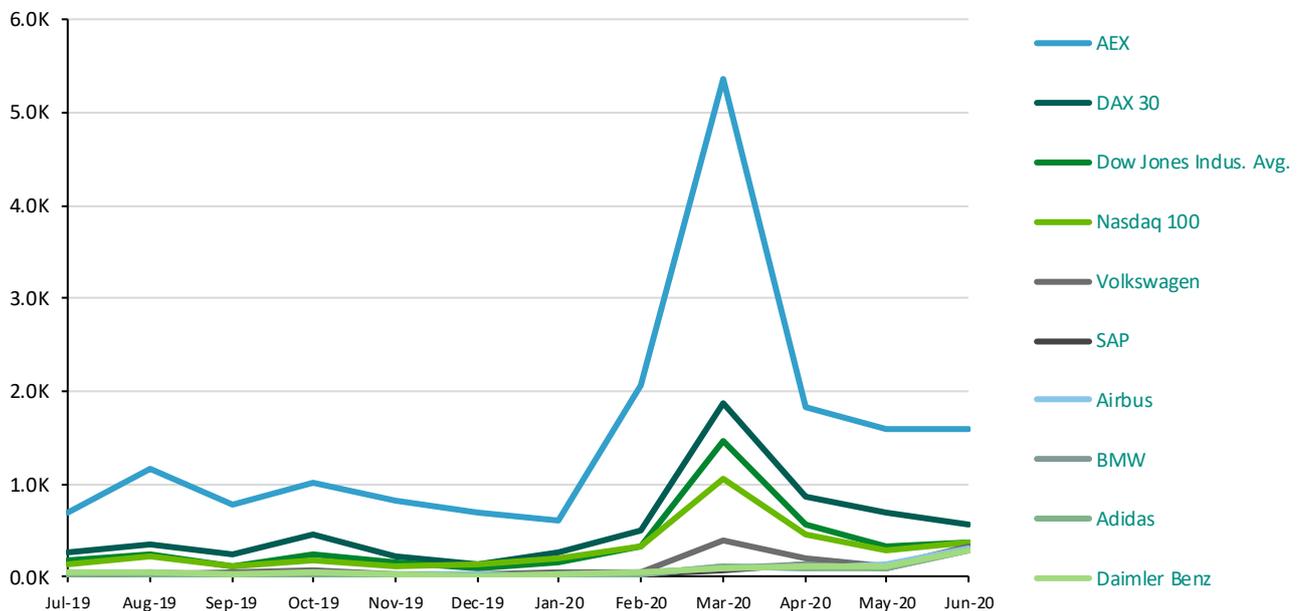
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euroclear Nederland instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Euroclear Nederland instruments traded on Euronext's pan-European MTF.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
DE000VF8EEJ5	Vontobel	2205   Open-End Knock-Out Warrants	Gold	9,311	23
NL0014433336	ING	2100   Warrants	Euro STOXX 50 ETFs	4,801	576
NL0015088725	BNP Paribas	2210   Mini-Futures	AEX	4,774	490
NL0014433344	ING	2100   Warrants	Euro STOXX 50 ETFs	4,711	624
NL0014433351	ING	2100   Warrants	Euro STOXX 50 ETFs	4,629	465
NL0015084070	BNP Paribas	2210   Mini-Futures	S&P 500 Index	4,467	73
NL0014817694	BNP Paribas	2210   Mini-Futures	Gold	4,300	293
DE000VE7DP79	Vontobel	2300   Constant Leverage Certificate	FTSE x7 Short Index	4,143	41
DE000VE7DSQ5	Vontobel	2300   Constant Leverage Certificate	Euro STOXX 50 x7 Short Index	3,408	40
NL0015076084	BNP Paribas	2210   Mini-Futures	AEX	3,340	524
NL0014247686	Goldman Sachs	2210   Mini-Futures	AEX	3,340	347
DE000VE22DJ2	Vontobel	2205   Open-End Knock-Out Warrants	DAX 30	3,078	1,115
NL0014854424	BNP Paribas	2210   Mini-Futures	AEX	3,045	175
DE000VE9SSQ9	Vontobel	2300   Constant Leverage Certificate	FTSE x8 Leverage Index	3,022	41
NL0015077405	BNP Paribas	2210   Mini-Futures	DAX 30	2,951	144
NL0014671372	BNP Paribas	2210   Mini-Futures	Gold	2,937	215
DE000SB1UEW8	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	2,898	38
NL0014433328	ING	2100   Warrants	Euro STOXX 50 ETFs	2,840	550
NL0015086810	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,838	29
NL0014132557	ING	2100   Warrants	Euro STOXX 50 ETFs	2,632	284
NL0014319915	BNP Paribas	2210   Mini-Futures	AEX	2,613	367
DE000SB1UEV0	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	2,604	38
NL0014854978	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,506	25
NL0014316168	BNP Paribas	2210   Mini-Futures	AEX	2,368	103
NL0015088634	BNP Paribas	2210   Mini-Futures	AEX	2,297	179
NL0014433260	ING	2100   Warrants	Euro STOXX 50 ETFs	2,289	269
NL0014433278	ING	2100   Warrants	Euro STOXX 50 ETFs	2,271	221
DE000VN61ZK2	Vontobel	2300   Constant Leverage Certificate	Euro STOXX 50 x8 Leverage Ind	2,223	484
NL0014140931	BNP Paribas	2210   Mini-Futures	Gold	1,942	17
NL0014844649	BNP Paribas	2210   Mini-Futures	Russell 2000	1,913	292
NL0015093709	BNP Paribas	2210   Mini-Futures	AEX	1,786	239
NL0014671364	BNP Paribas	2210   Mini-Futures	Gold	1,781	70
NL0015091653	BNP Paribas	2210   Mini-Futures	AEX	1,779	189
DE000VE9S508	Vontobel	2300   Constant Leverage Certificate	Euro STOXX 50 x8 Leverage Ind	1,759	32
NL0014844672	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,751	21
NL0014645335	BNP Paribas	2205   Open-End Knock-Out Warrants	Royal Dutch Shell	1,554	234
NL0014809303	BNP Paribas	2210   Mini-Futures	Gold	1,520	99
NL0015094988	BNP Paribas	2210   Mini-Futures	AEX	1,511	300
NL0014319832	BNP Paribas	2210   Mini-Futures	AEX	1,467	324
NL0011434089	BNP Paribas	2205   Open-End Knock-Out Warrants	Royal Dutch Shell	1,446	358
NL0015078924	BNP Paribas	2210   Mini-Futures	AEX	1,428	311
NL0014313025	BNP Paribas	2205   Open-End Knock-Out Warrants	Nasdaq 100	1,405	427
NL0015088857	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,401	42
NL0014325797	BNP Paribas	2210   Mini-Futures	Euro STOXX 50	1,386	307
NL0015095076	BNP Paribas	2210   Mini-Futures	AEX	1,340	275
NL0013884679	ING	2210   Mini-Futures	AEX	1,321	7
NL0014850778	BNP Paribas	2210   Mini-Futures	ICE BRENT	1,310	48
NL0015073453	BNP Paribas	2205   Open-End Knock-Out Warrants	Nasdaq 100	1,254	586
NL0011539267	BNP Paribas	2205   Open-End Knock-Out Warrants	Heineken	1,251	41
NL0015069204	BNP Paribas	2205   Open-End Knock-Out Warrants	Unibail-Rodamco	1,246	207

(Source Euronext)



Interbolsa Instruments

# ISSUERS

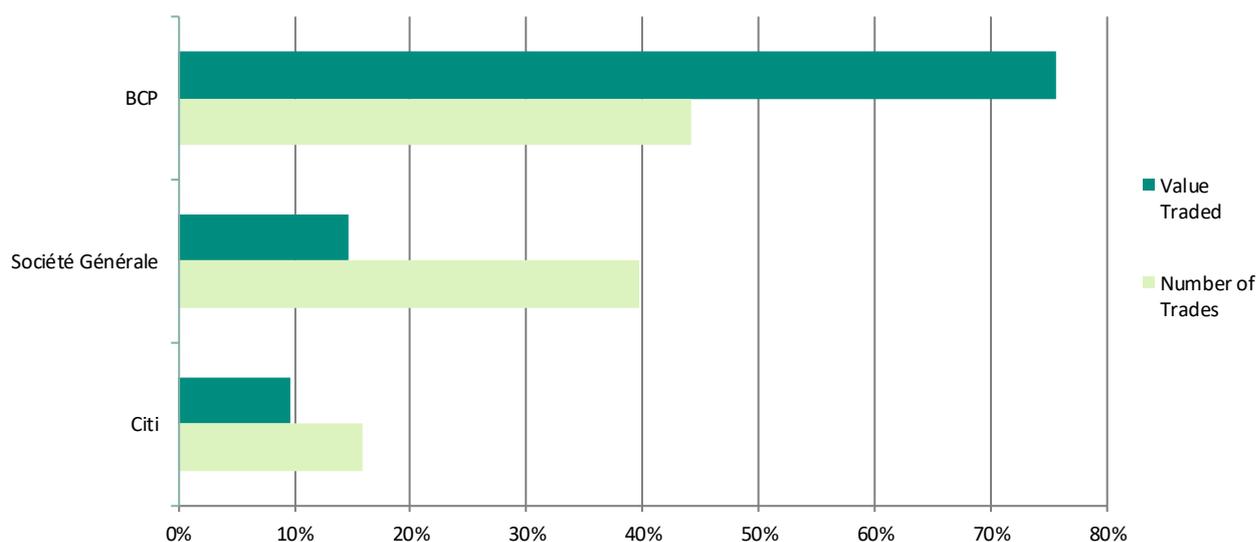
## Market Overview

The table below displays the daily averages of value traded and number of trades per issuer on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	1,600	116%	-62%	75.7%	110	65.8%	-60.7%	44.3%
Société Générale	311	-32%	174%	14.7%	99	-26.1%	177.7%	39.8%
Citi	203	-63%	4.9%	9.6%	40	-61.3%	-24.1%	15.9%
Total	2,115	21.0%	-54.8%	100%	248	-17.8%	-40.7%	100%

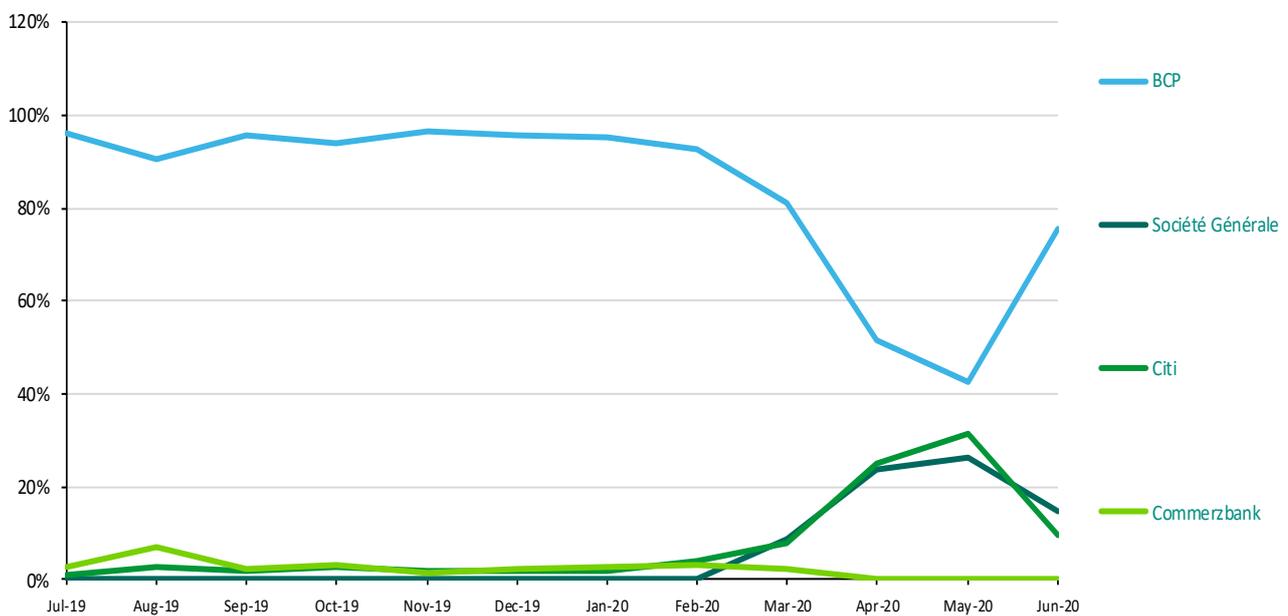
(Source Euronext)



# ISSUERS

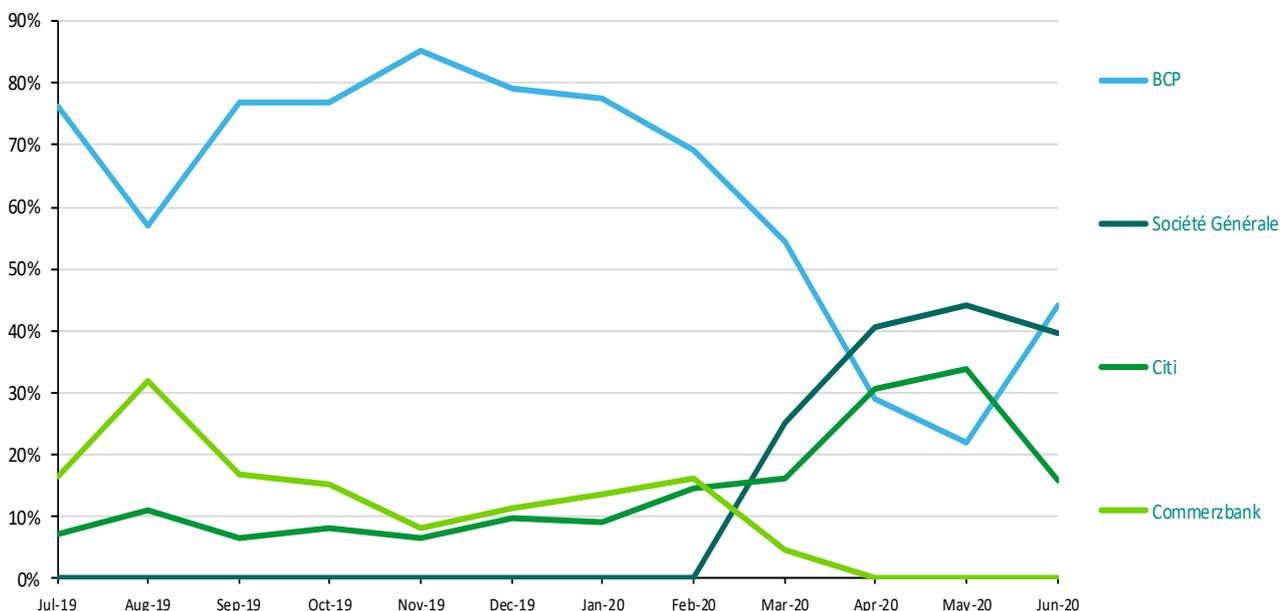
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each issuer over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## 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 Interbolsa instruments traded on Euronext's pan-European MTF.



# ISSUERS

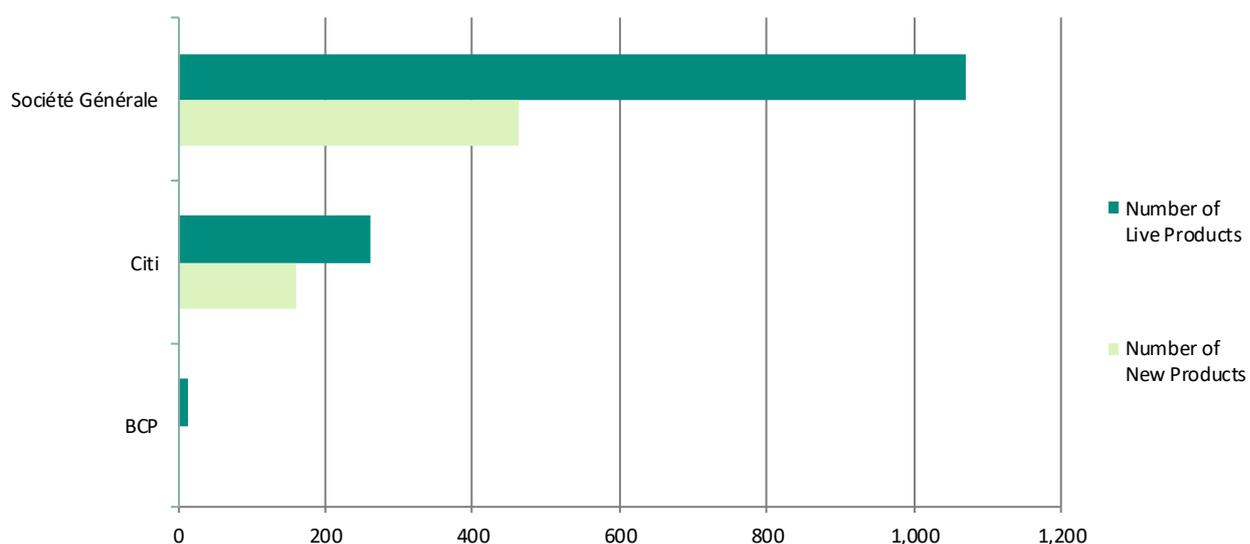
## Product Overview

The table below displays the daily averages of value traded and number of trades per issuer on Interbolsa instruments traded on Euronext's pan-European MTF 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.

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	1,071	-13.0%	254%	79.5%	462	139%	175%	74.4%
Citi	262	-20%	-26%	19.4%	159	101%	19.9%	25.6%
BCP	14	-5.4%	-26%	1.0%	0			0.0%
<b>Total</b>	<b>1,347</b>	<b>-14.4%</b>	<b>-12.0%</b>	<b>100%</b>	<b>621</b>	<b>128.3%</b>	<b>44.9%</b>	<b>100%</b>

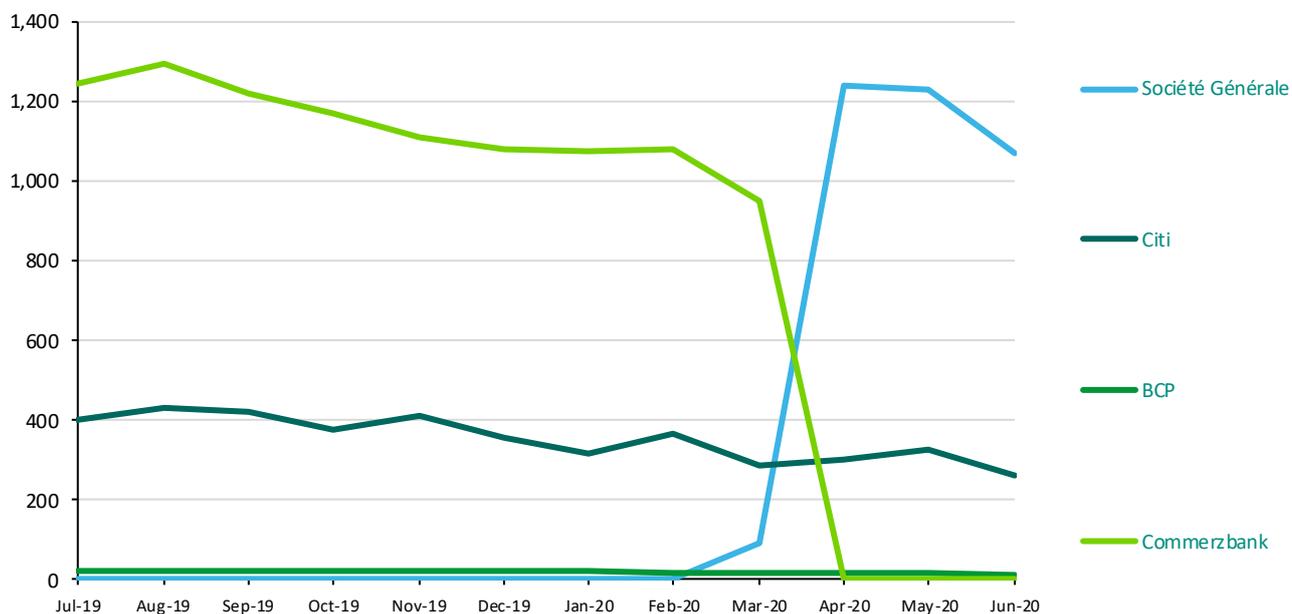
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# ISSUERS

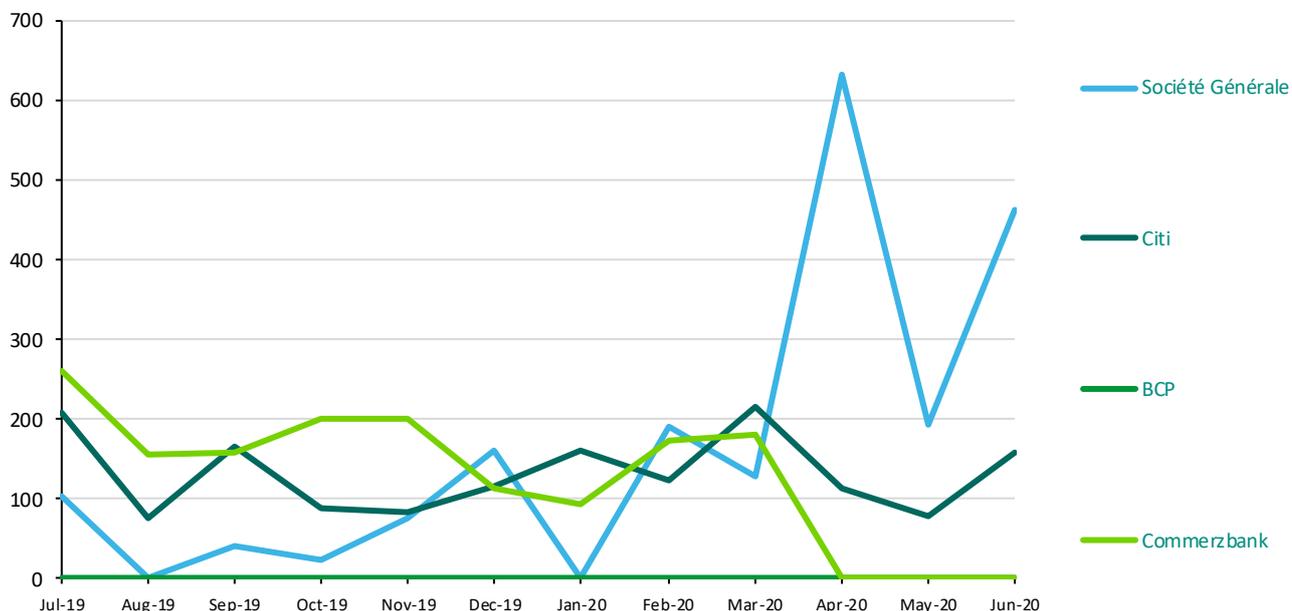
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Interbolsa instruments traded on Euronext's pan-European MTF.



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

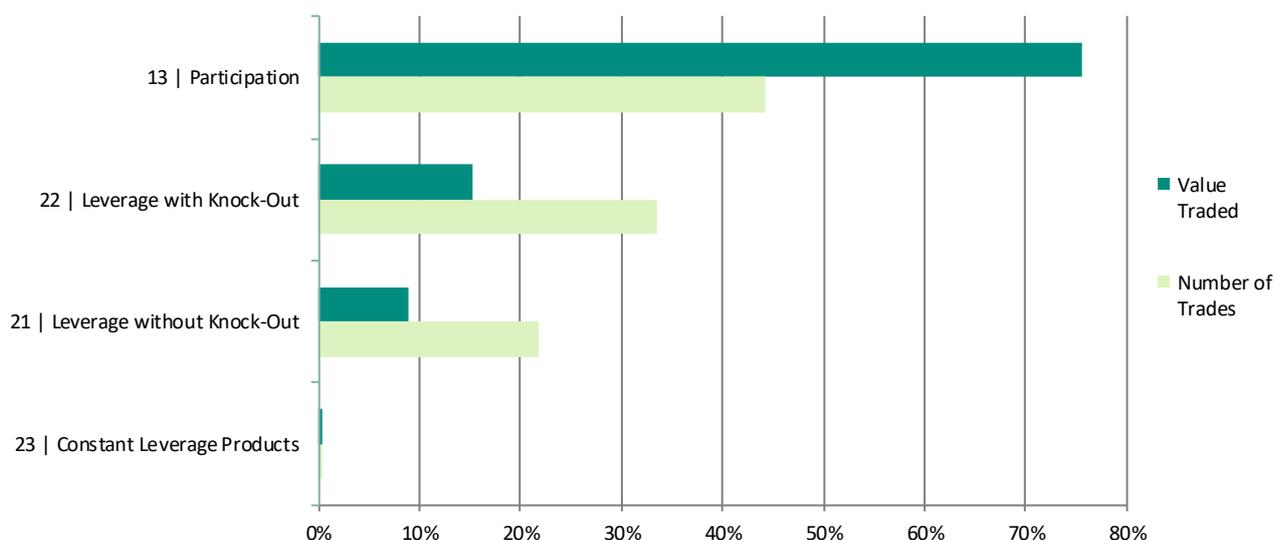
### Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
13   Participation	1,600	116%	-62%	75.7%	110	65.8%	-60.7%	44.3%
22   Leverage with Knock-Out	321	-63%	-4.0%	15.2%	83	-40.1%	-11.7%	33.6%
21   Leverage without Knock-Out	186	38%	124%	8.8%	54	-42.8%	28.1%	21.7%
23   Constant Leverage Products	7	274%	-50%	0.3%	1.0	-54.5%	-58.6%	0.4%
<b>Total</b>	<b>2,115</b>	<b>21.0%</b>	<b>-54.8%</b>	<b>100%</b>	<b>248</b>	<b>-17.8%</b>	<b>-40.7%</b>	<b>100%</b>

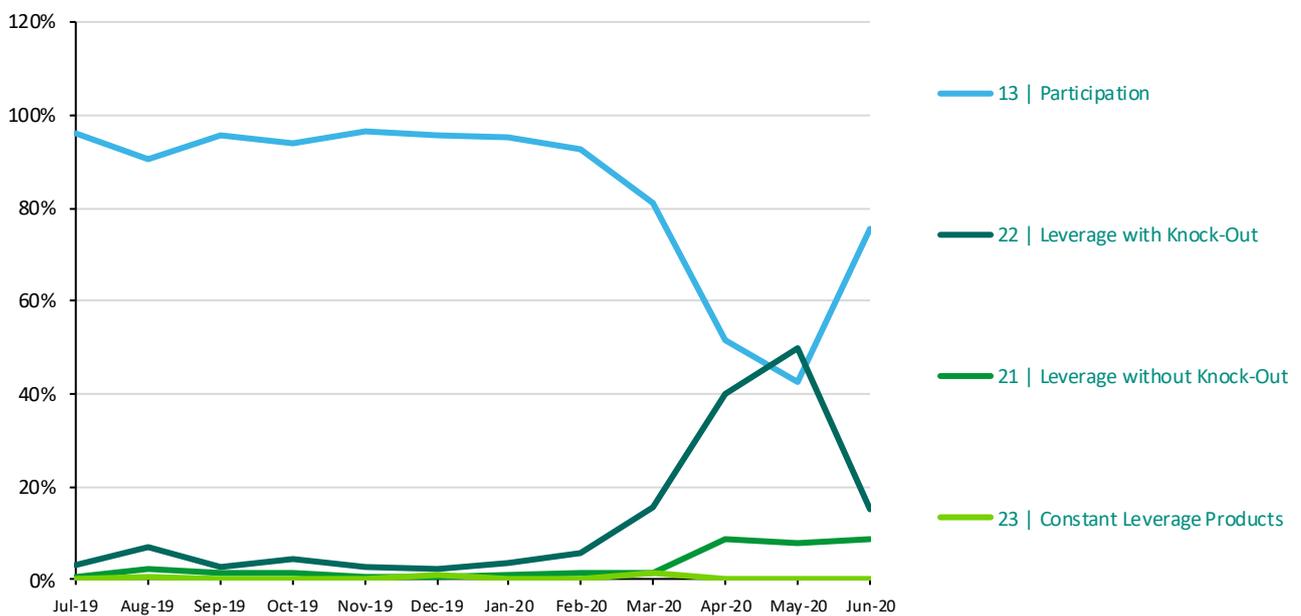
(Source Euronext)



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

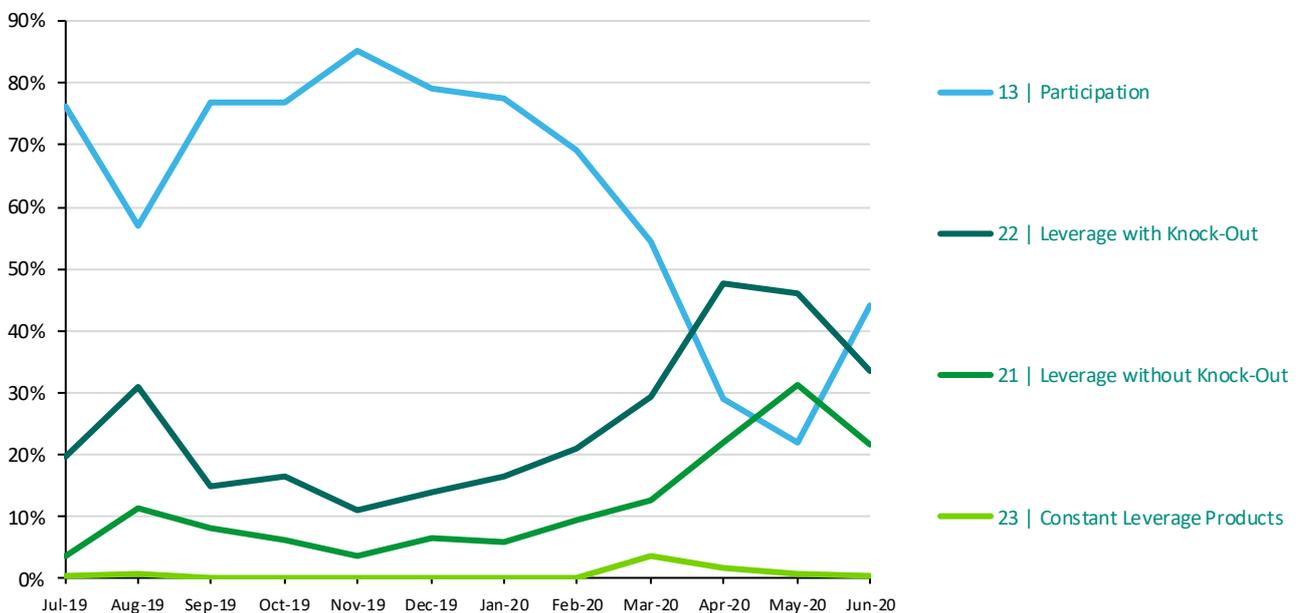
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## 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 Interbolsa instruments traded on Euronext's pan-European MTF.



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

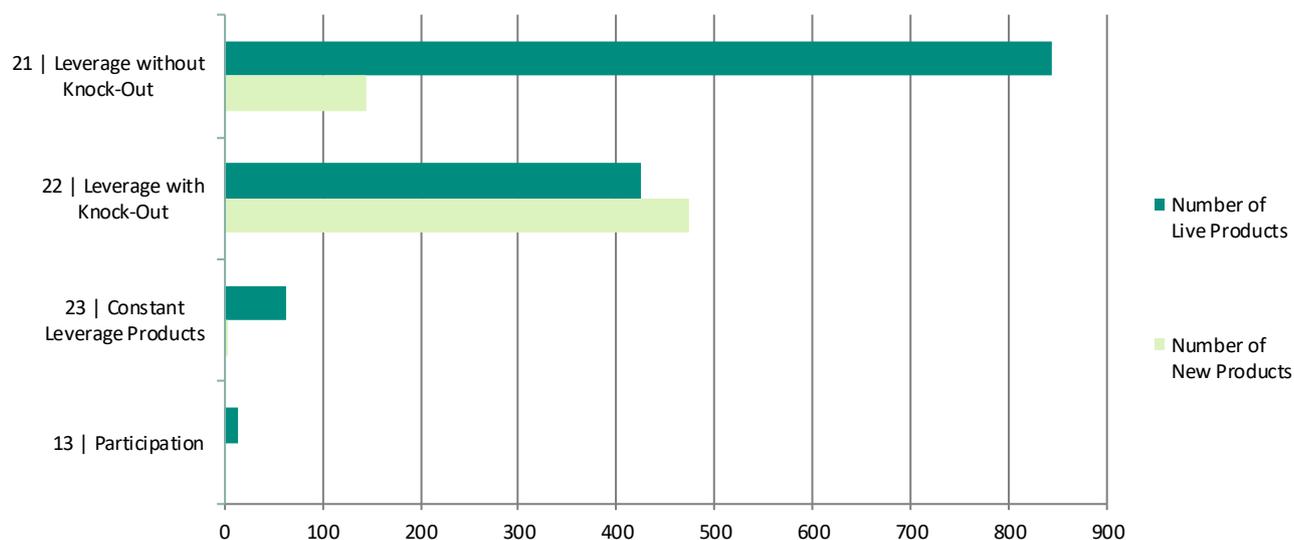
### Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 2) on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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	845	-14.5%	-3.9%	62.7%	144		40%	23.2%
22   Leverage with Knock-Out	425	-15.9%	-22%	31.6%	473	74%	46%	76.2%
23   Constant Leverage Products	63	-4.5%	-31%	4.7%	4		NA	0.6%
13   Participation	14	-5.4%	-26%	1.0%	0			0.0%
<b>Total</b>	<b>1,347</b>	<b>-14.4%</b>	<b>-12.0%</b>	<b>100%</b>	<b>621</b>	<b>128.3%</b>	<b>44.9%</b>	<b>100%</b>

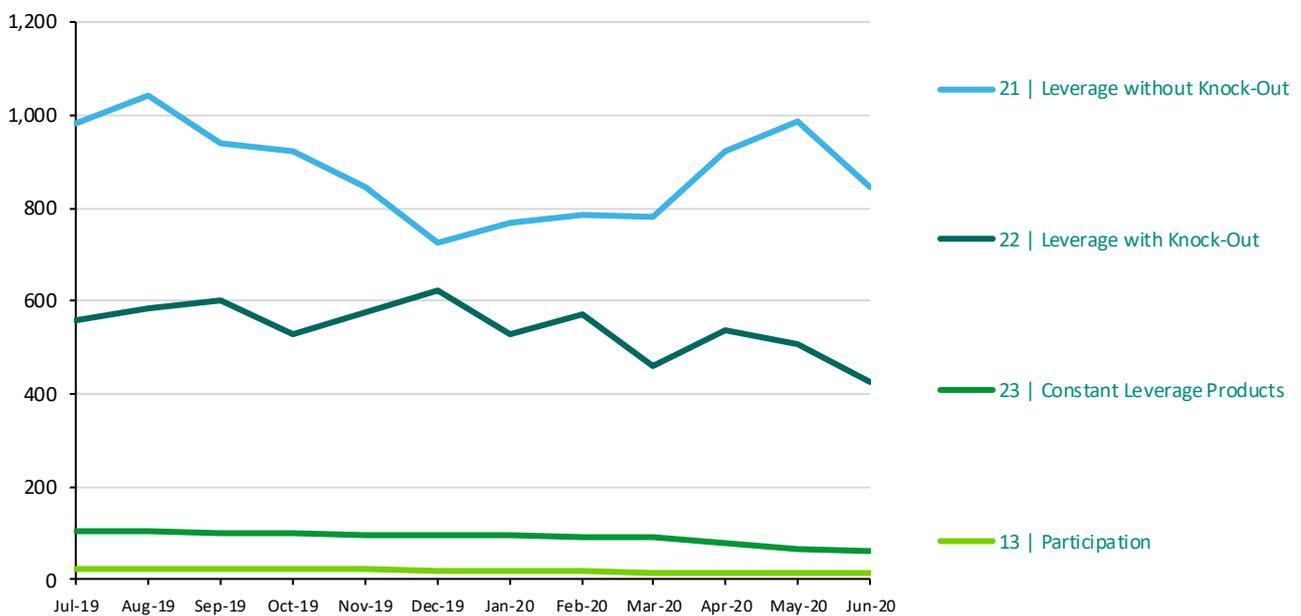
(Source Euronext)



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

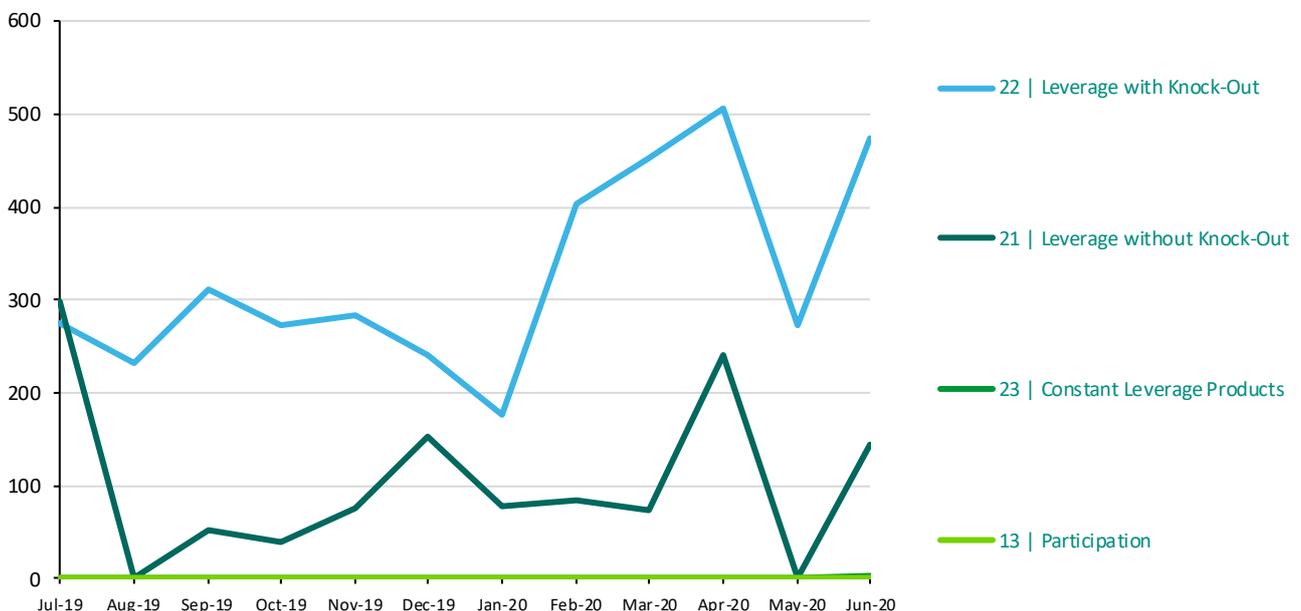
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



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

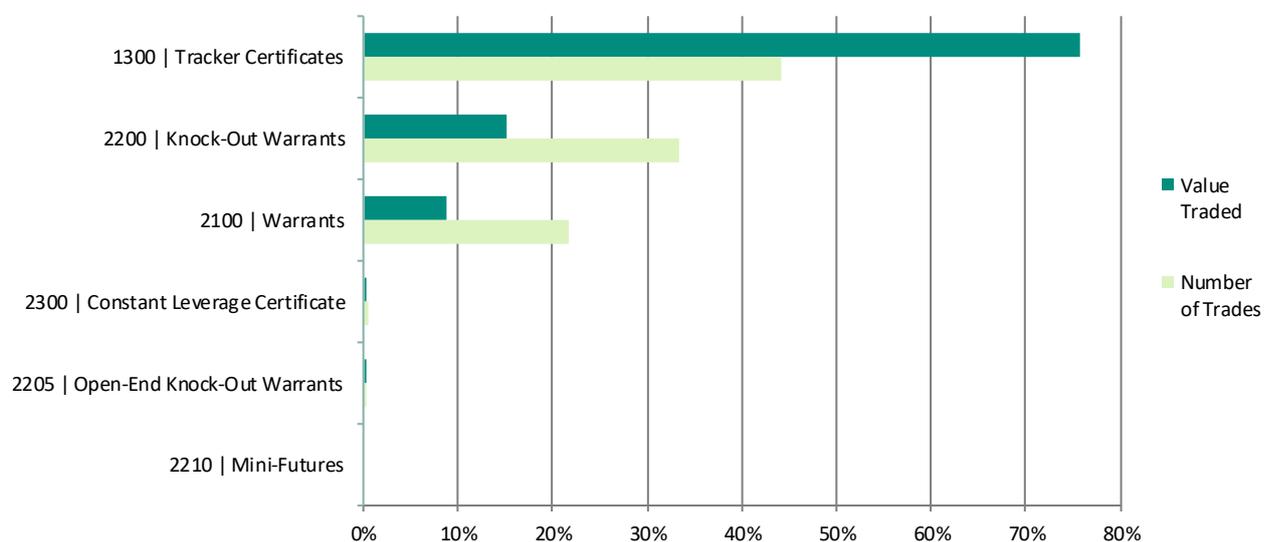
## Market Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
1300   Tracker Certificates	1,600	116%	-62%	75.7%	110	65.8%	-60.7%	44.3%
2200   Knock-Out Warrants	320	-63%	-3.5%	15.2%	83	-41%	-11.3%	33.3%
2100   Warrants	186	38%	124%	8.8%	54	-43%	28%	21.7%
2300   Constant Leverage Certificate	7	274%	-50%	0.3%	1.0	-55%	-59%	0.4%
2205   Open-End Knock-Out Warrants	1	484%	-68%	0.0%	0.8	121%	-43%	0.3%
2210   Mini-Futures	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>2,115</b>	<b>21.0%</b>	<b>-54.8%</b>	<b>100%</b>	<b>248</b>	<b>-17.8%</b>	<b>-40.7%</b>	<b>100%</b>

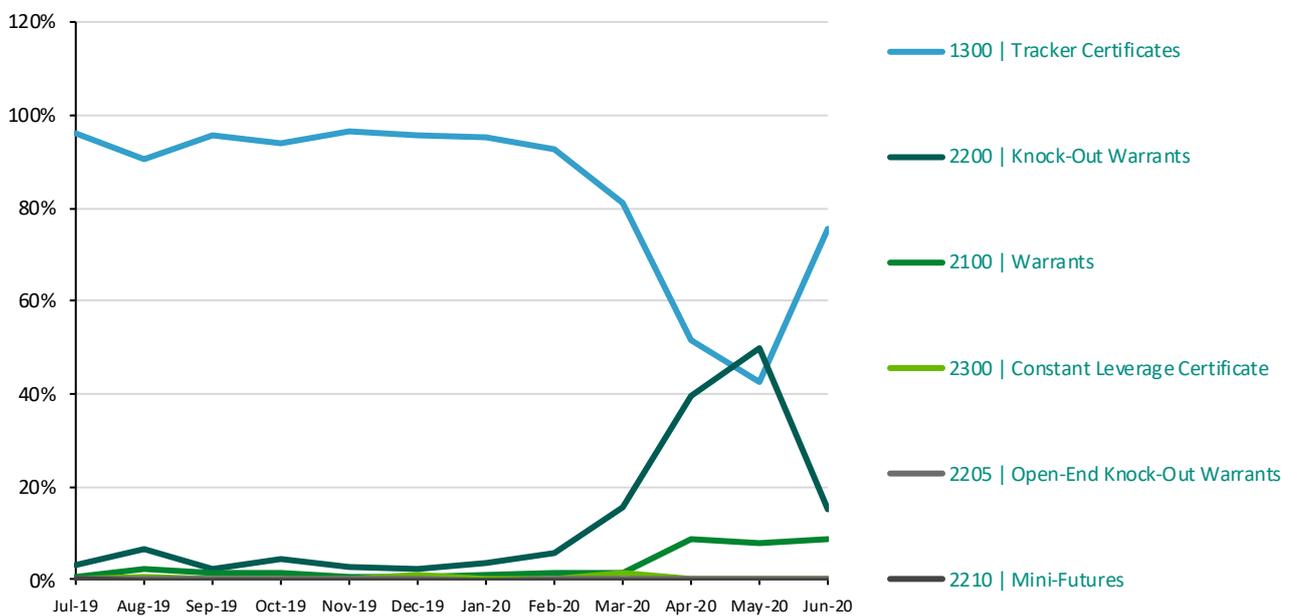
(Source Euronext)



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

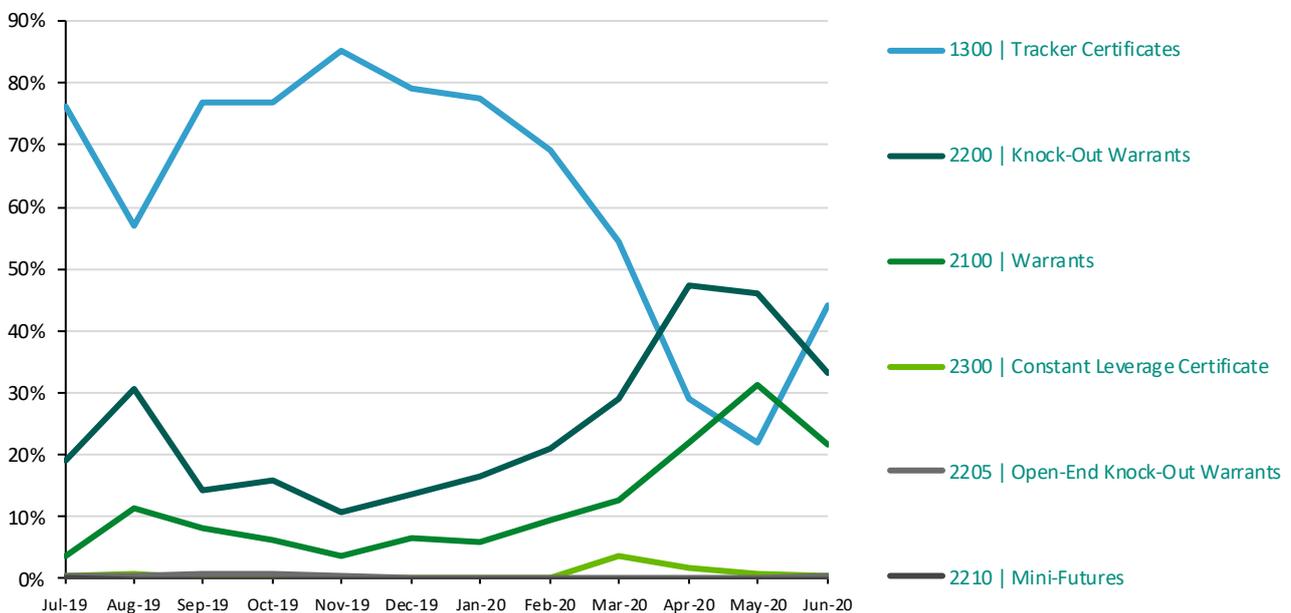
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## 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 Interbolsa instruments traded on Euronext's pan-European MTF.



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

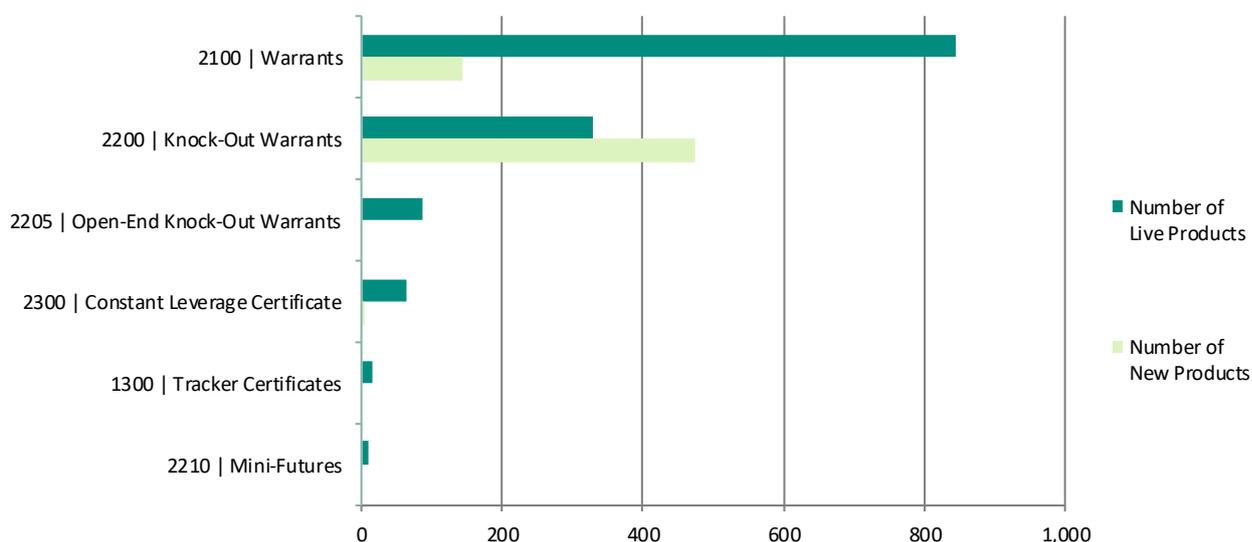
## Product Overview

The table below displays the daily averages of value traded and number of trades per product type (EUSIPA<sup>1</sup> categorization level 3) on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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	845	-14.5%	-3.9%	62.7%	144		40%	23.2%
2200   Knock-Out Warrants	329	-14.2%	-7.3%	24.5%	473	74%	62%	76.2%
2205   Open-End Knock-Out Warrants	86	-23%	-50%	6.4%	0		-100%	0.0%
2300   Constant Leverage Certificate	63	-4.5%	-31%	4.7%	4		NA	0.6%
1300   Tracker Certificates	14	-5.4%	-26%	1.0%	0			0.0%
2210   Mini-Futures	10	-0.9%	-26%	0.7%	0			0.0%
<b>Total</b>	<b>1,347</b>	<b>-14.4%</b>	<b>-12.0%</b>	<b>100%</b>	<b>621</b>	<b>128.3%</b>	<b>44.9%</b>	<b>100%</b>

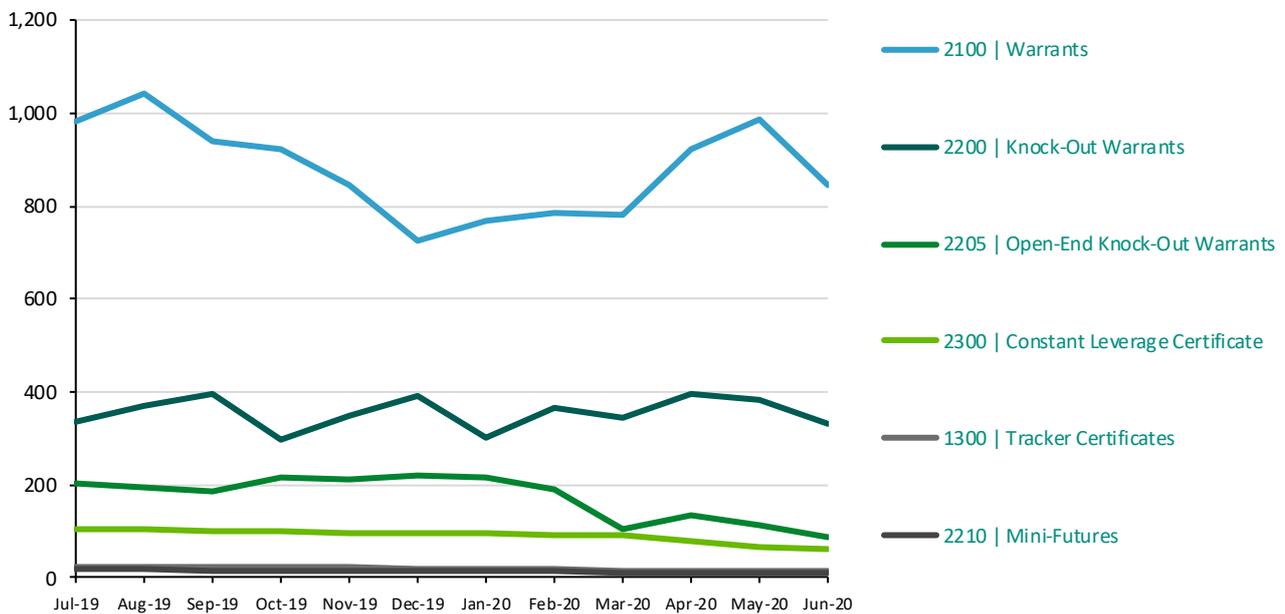
(Source Euronext)



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

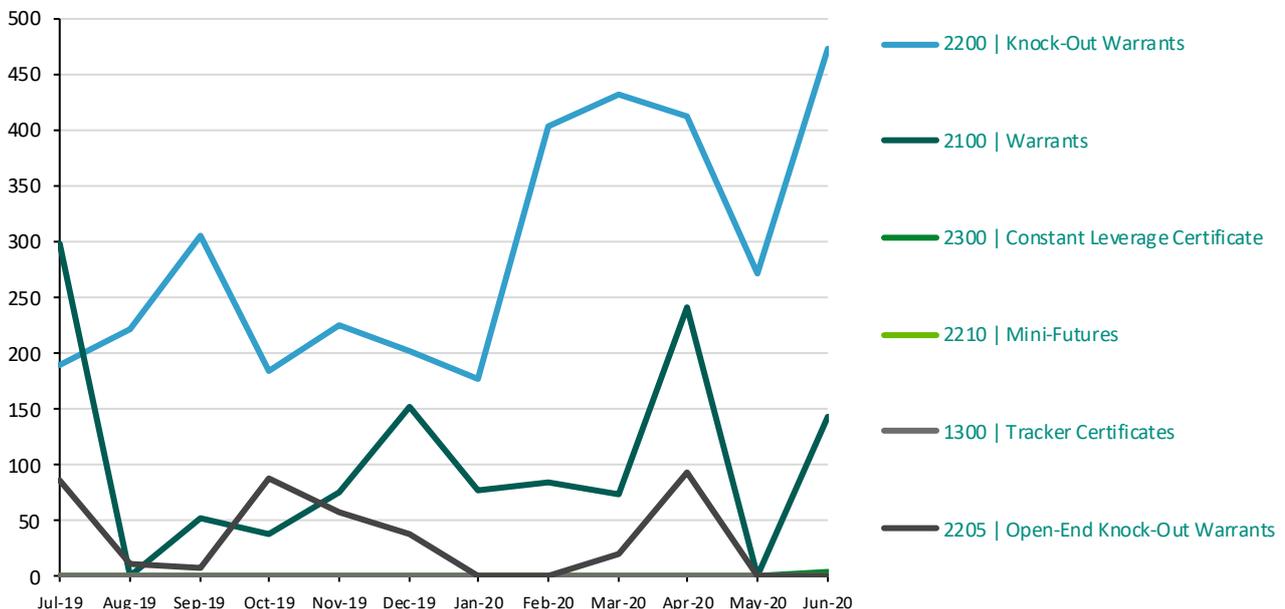
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

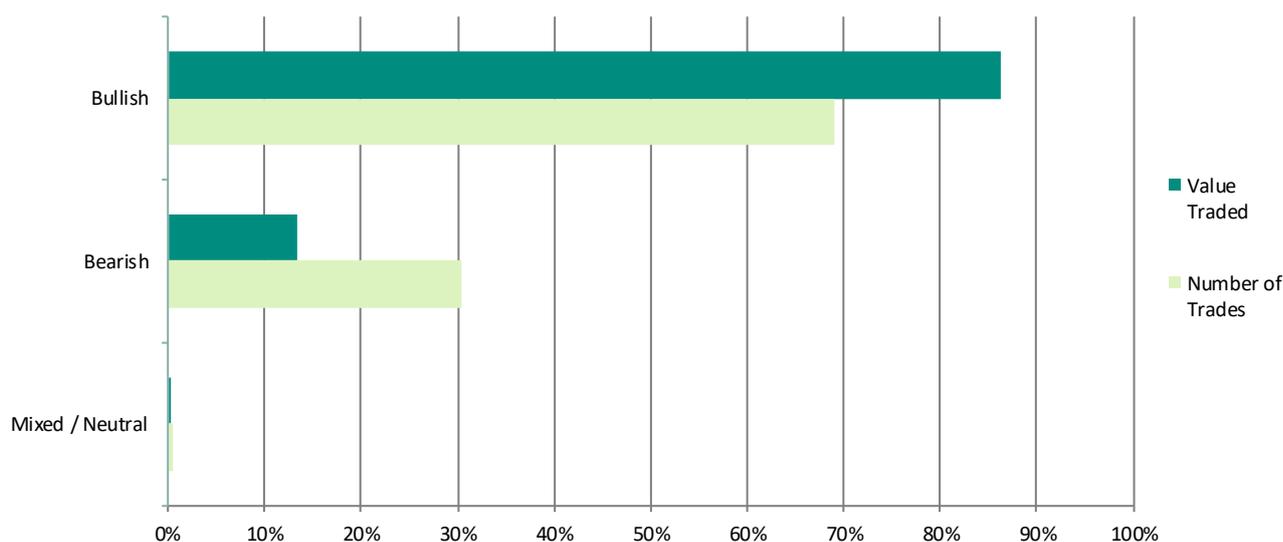
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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	1,826	53%	-59%	86.3%	172	-9.4%	-50.3%	69.1%
Bearish	282	-49%	29%	13.3%	76	-32%	6.2%	30.5%
Mixed / Neutral	7	274%	-50%	0.3%	1.0	-55%	-59%	0.4%
<b>Total</b>	<b>2,115</b>	<b>21.0%</b>	<b>-54.8%</b>	<b>100%</b>	<b>248</b>	<b>-17.8%</b>	<b>-40.7%</b>	<b>100%</b>

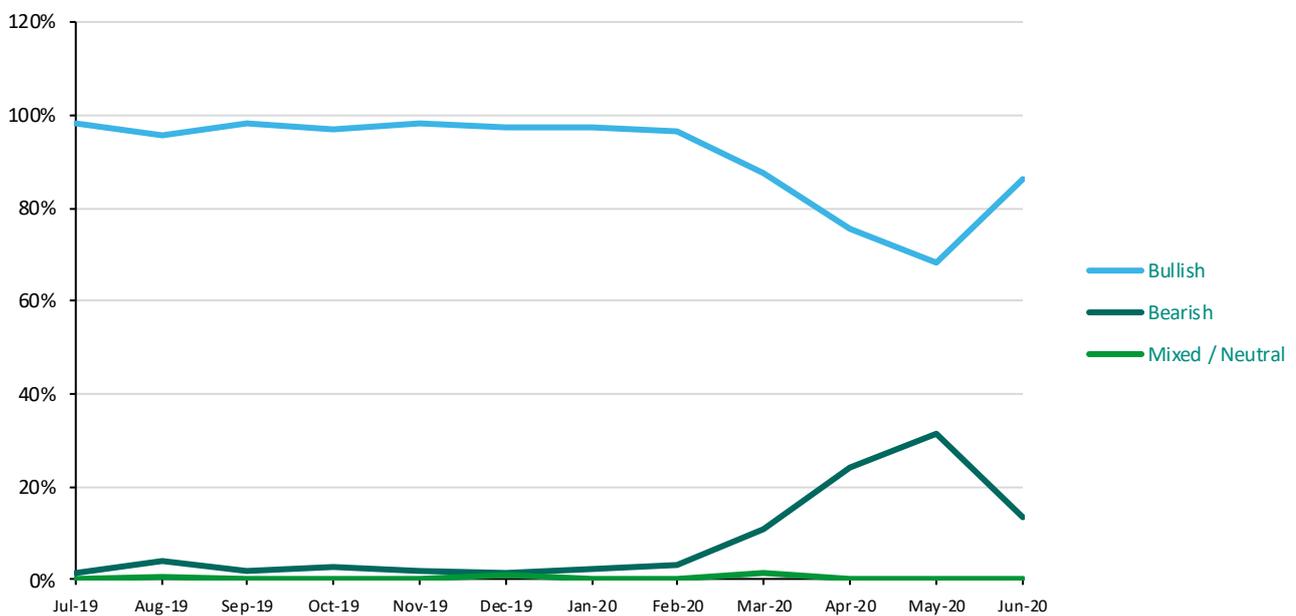
(Source Euronext)



# PRODUCT STRATEGIES

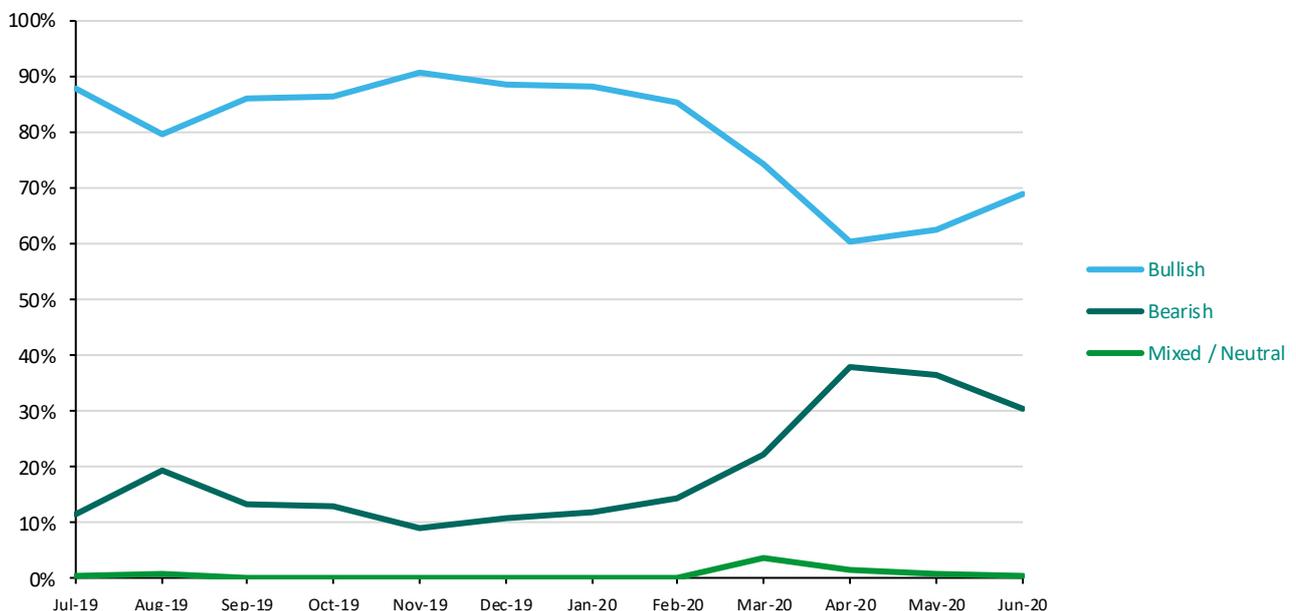
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## 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 Interbolsa instruments traded on Euronext's pan-European MTF.



# PRODUCT STRATEGIES

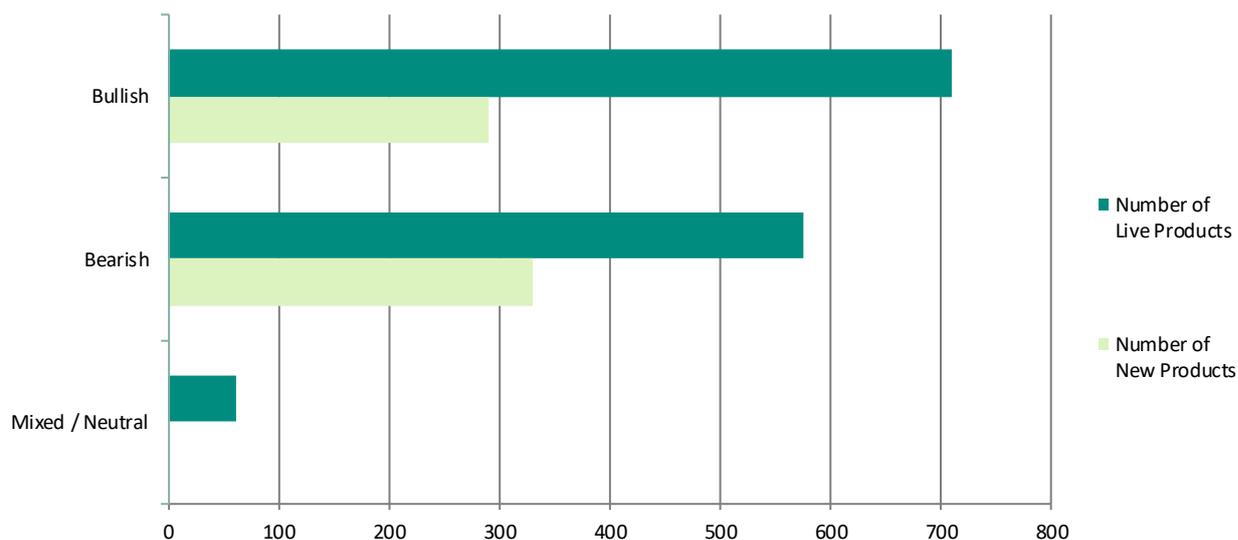
## Product Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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	709	-9.9%	-4.9%	52.7%	290	100%	30%	46.7%
Bearish	576	-20%	-17.0%	42.8%	331	161%	61%	53.3%
Mixed / Neutral	62	-6.5%	-32%	4.6%	0			0.0%
<b>Total</b>	<b>1,347</b>	<b>-14.4%</b>	<b>-12.0%</b>	<b>100%</b>	<b>621</b>	<b>128.3%</b>	<b>44.9%</b>	<b>100%</b>

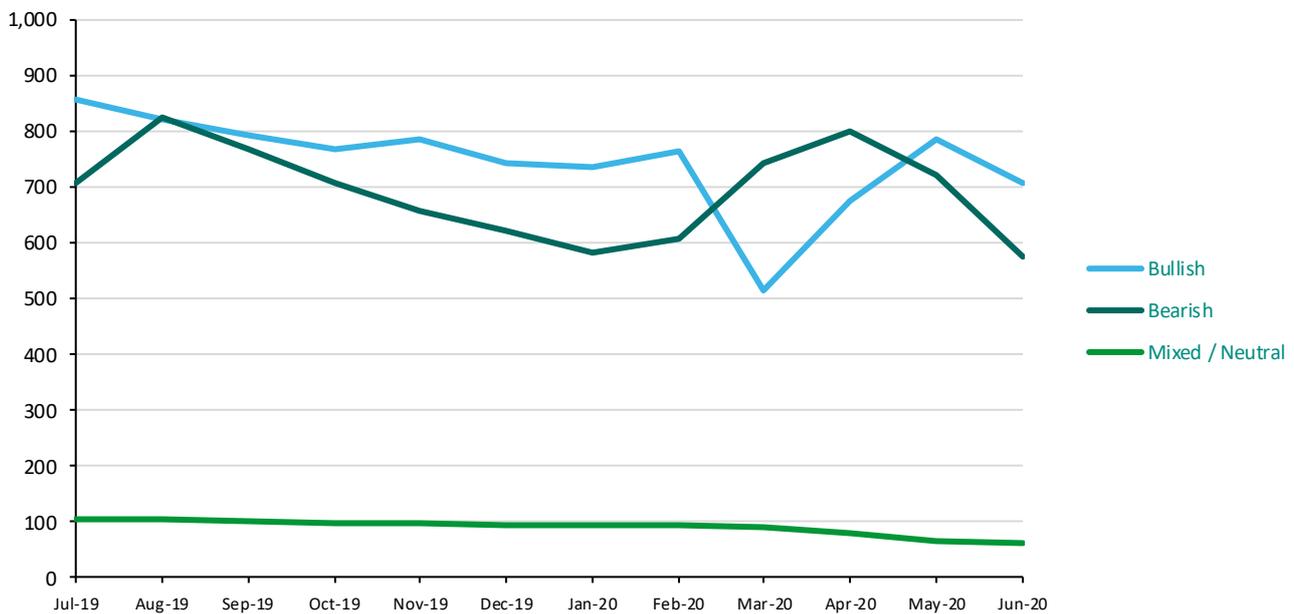
(Source Euronext)



# PRODUCT STRATEGIES

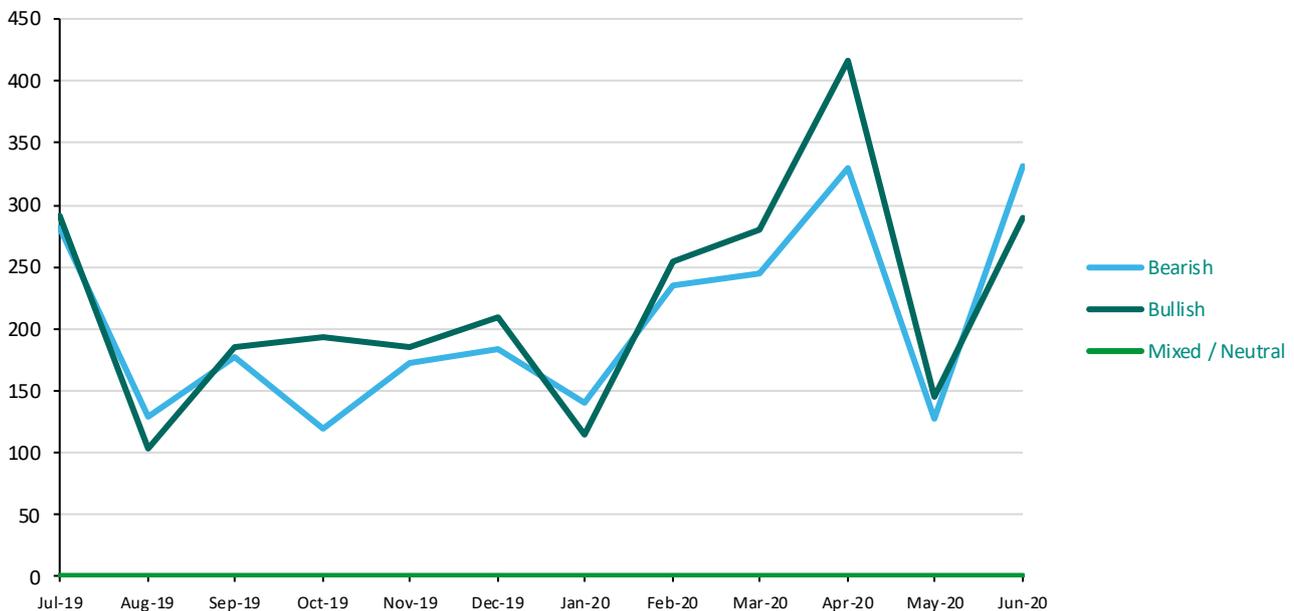
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Interbolsa instruments traded on Euronext's pan-European MTF.



# UNDERLYING TYPES

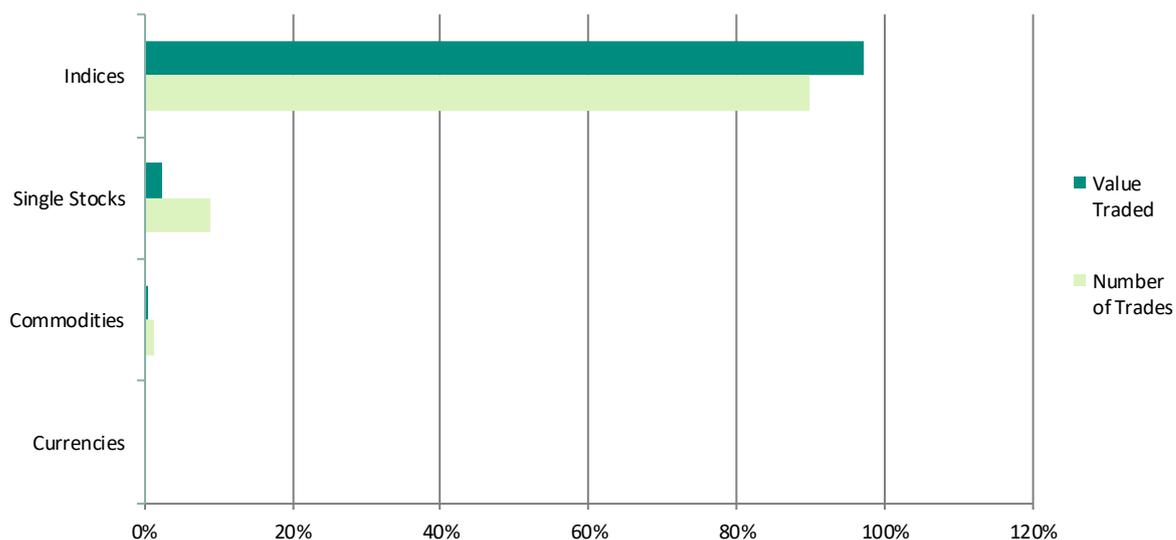
## Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	2,058	27%	-55%	97.3%	223	-12.1%	-41.7%	89.8%
Single Stocks	47	-49%	-48%	2.2%	22	-52.1%	-31.1%	8.8%
Commodities	9	-76%	-82%	0.4%	3.1	12.0%	-32.7%	1.3%
Currencies	0	NA	-8.8%	0.0%	0.3	445.5%	10.8%	0.1%
<b>Total</b>	<b>2,115</b>	<b>21.0%</b>	<b>-54.8%</b>	<b>100%</b>	<b>248</b>	<b>-17.8%</b>	<b>-40.7%</b>	<b>100%</b>

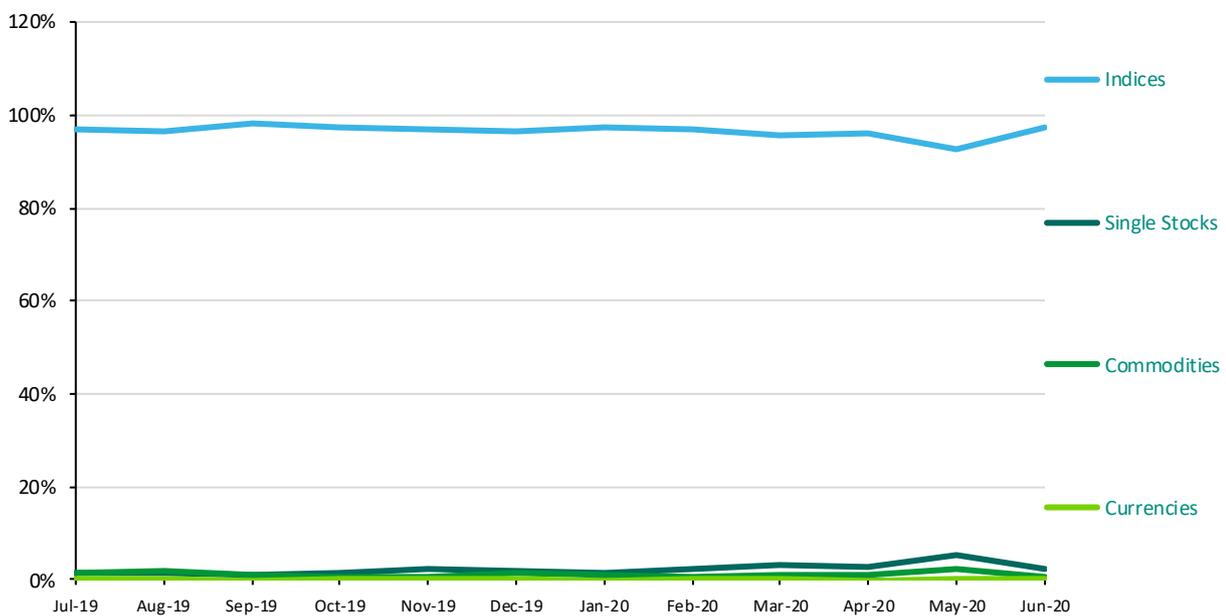
(Source Euronext)



# UNDERLYING TYPES

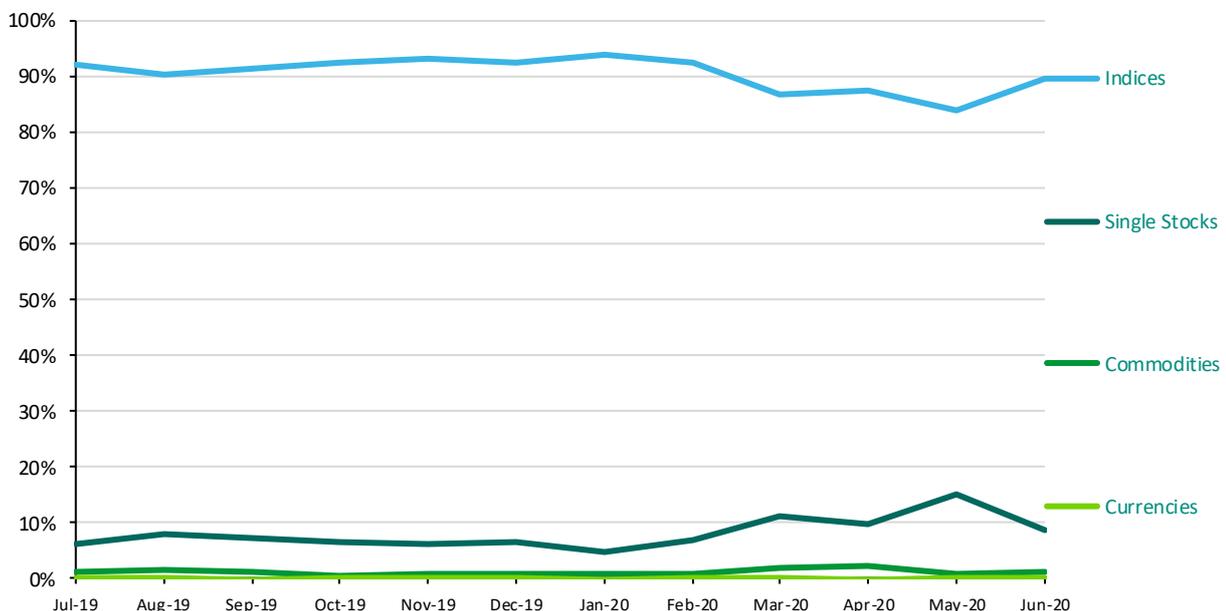
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying type over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## 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 Interbolsa instruments traded on Euronext's pan-European MTF.



## UNDERLYING TYPES

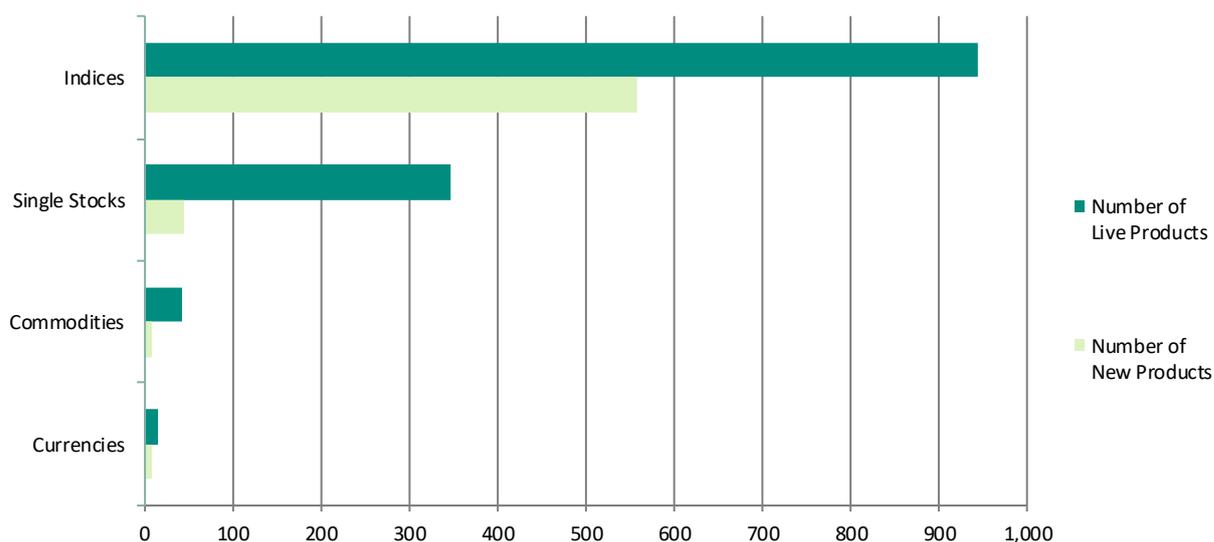
### Product Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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	944	-10.6%	-9.9%	70.1%	559	134%	64%	90.0%
Single Stocks	346	-23%	-15.5%	25.7%	45	165%	-35%	7.2%
Commodities	42	-18.3%	-18.3%	3.1%	9	-44%	-32%	1.4%
Currencies	15	-6.8%	-32%	1.1%	8		66%	1.3%
<b>Total</b>	<b>1,347</b>	<b>-14.4%</b>	<b>-12.0%</b>	<b>100%</b>	<b>621</b>	<b>128.3%</b>	<b>44.9%</b>	<b>100%</b>

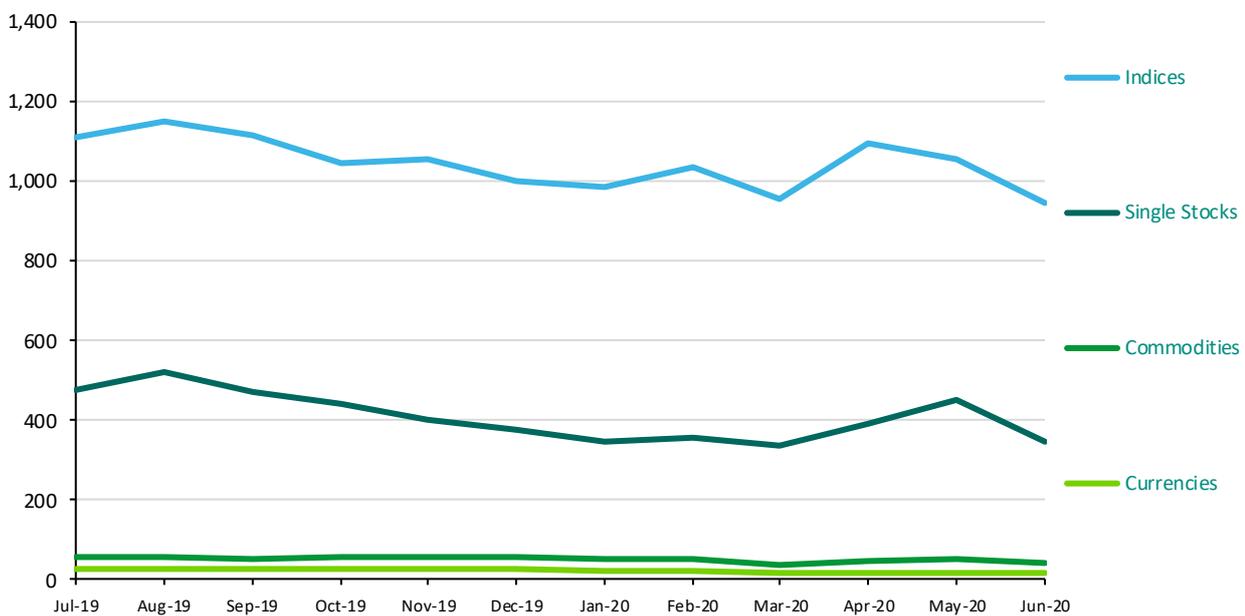
(Source Euronext)



# UNDERLYING TYPES

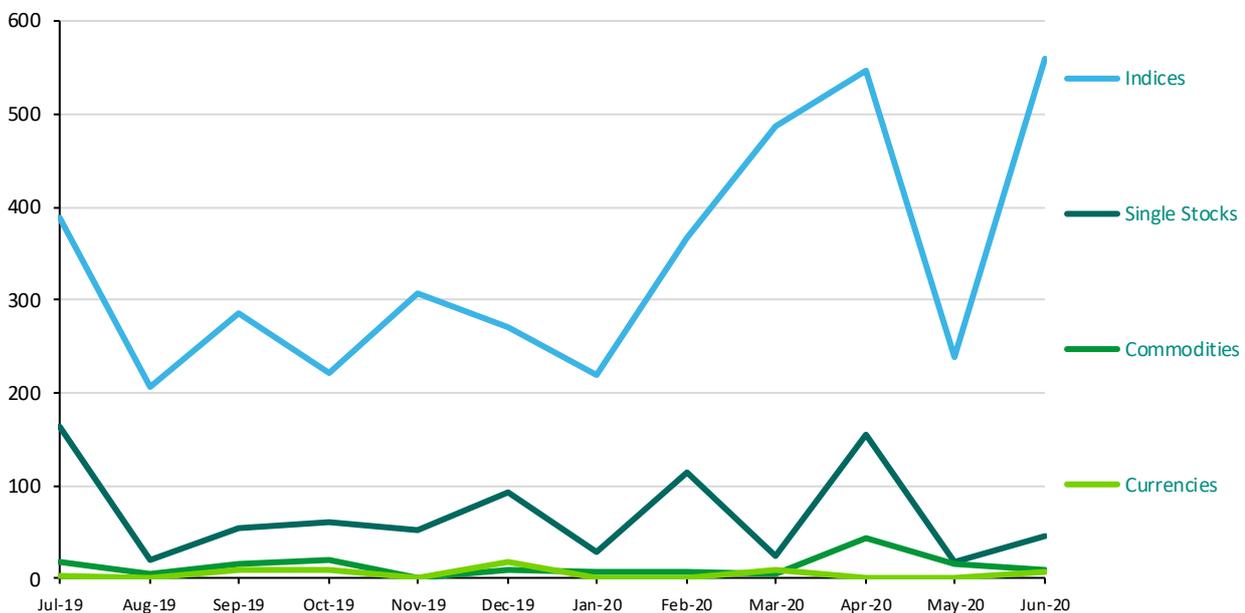
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Interbolsa instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYING COUNTRIES

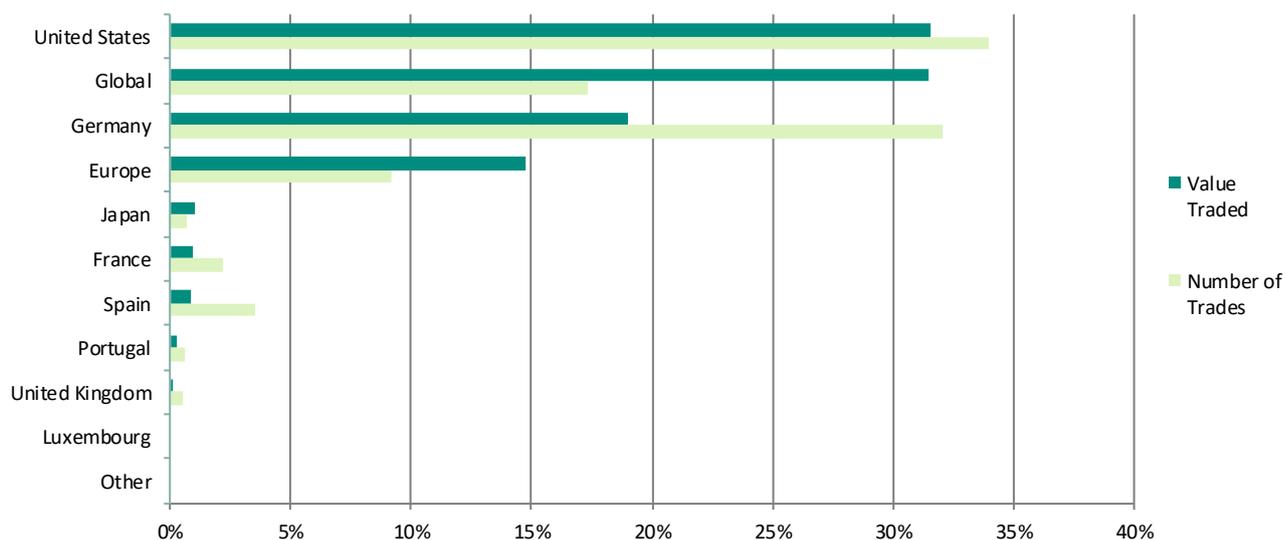
## Market Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
United States	668	12.5%	-58%	31.6%	84	1.9%	-40.6%	34.0%
Global	666	113%	-58%	31.5%	43	88%	-50%	17.4%
Germany	402	-38%	-8.9%	19.0%	80	-48%	-18.1%	32.0%
Europe	312	204%	-60%	14.8%	23	73%	-61%	9.2%
Japan	21	7.7%	-65%	1.0%	1.7	4.7%	-75%	0.7%
France	20	-44%	-74%	0.9%	5.4	-44%	-38%	2.2%
Spain	17	-7.4%	-65%	0.8%	8.6	-19.7%	9.4%	3.5%
Portugal	6	-50%	-88%	0.3%	1.5	-73%	-85%	0.6%
United Kingdom	2	-38%	-77%	0.1%	1.2	-41%	-45%	0.5%
Luxembourg	0		-100%	0.0%	0.0		-100%	0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>2,115</b>	<b>21.0%</b>	<b>-54.8%</b>	<b>100%</b>	<b>248</b>	<b>-17.8%</b>	<b>-40.7%</b>	<b>100%</b>

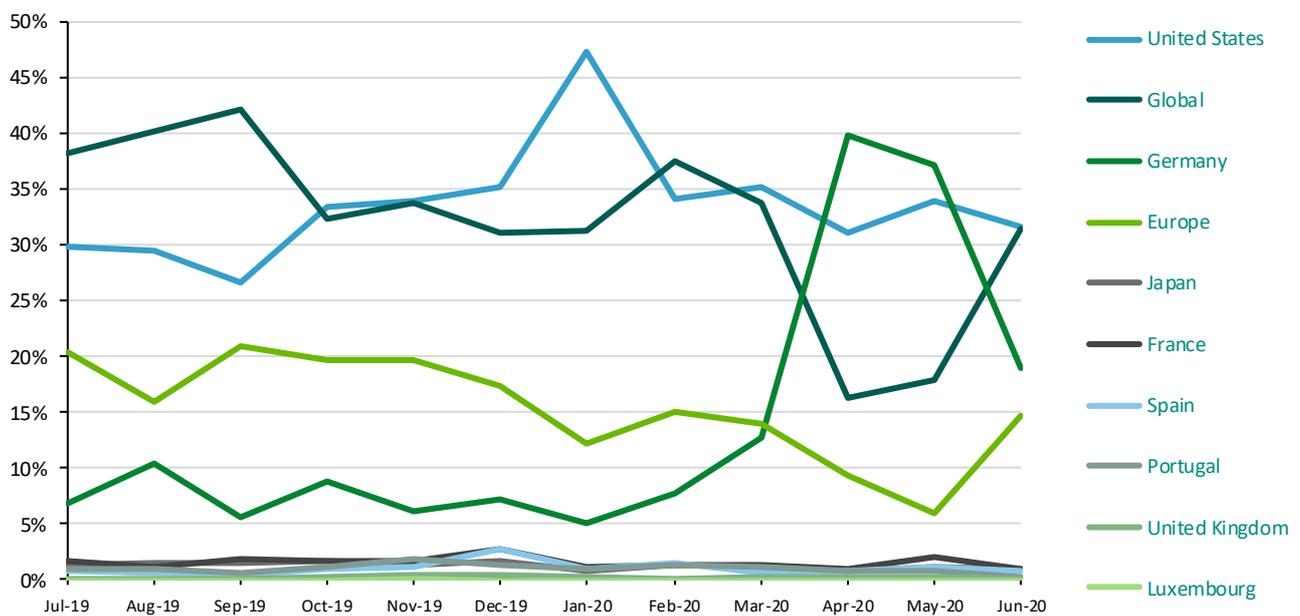
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

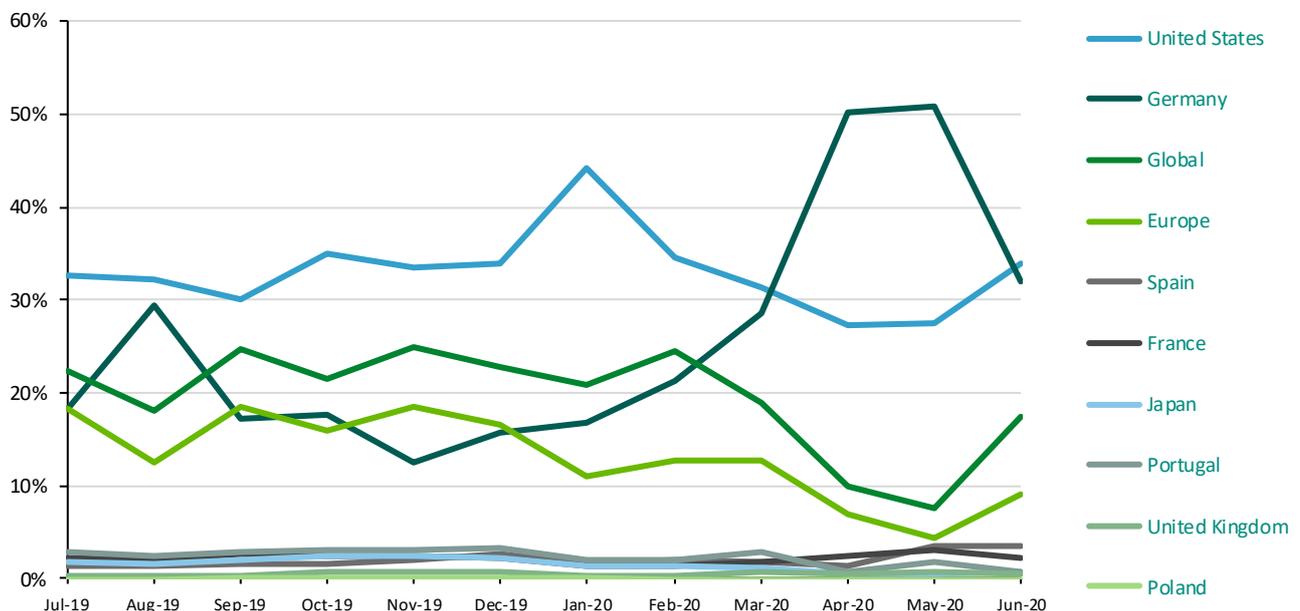
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each underlying country of origin over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## 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 Interbolsa instruments traded on Euronext's pan-European MTF.



## TOP 10 UNDERLYING COUNTRIES

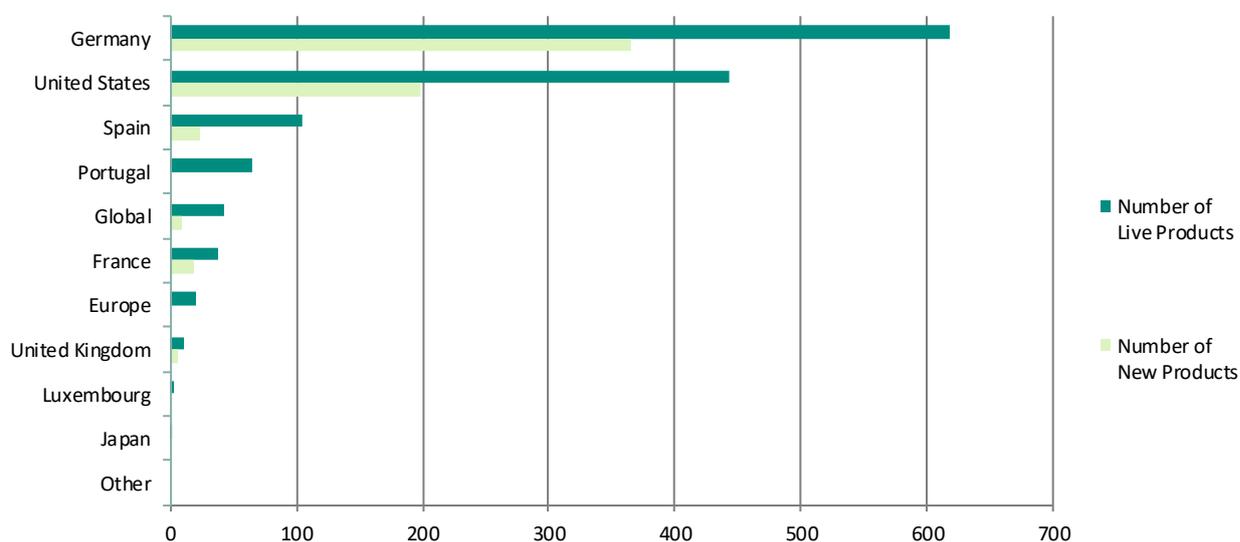
### Product Overview

The table below displays the daily averages of value traded and number of trades per country of origin of the underlying on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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	619	-4.0%	0.2%	45.9%	365	258%	98%	58.8%
United States	444	-22%	-16.9%	32.9%	198	57%	12.6%	31.9%
Spain	105	-19.4%	-9.8%	7.8%	24	50%	-1.4%	3.9%
Portugal	66	-27%	-40%	4.9%	0		-100%	0.0%
Global	42	-17.2%	-18.4%	3.1%	9	-44%	-32%	1.4%
France	37	-16.2%	-3.6%	2.8%	19	90%	38%	3.1%
Europe	20	-36%	-51%	1.5%	0		-100%	0.0%
United Kingdom	11	-21%	-7.3%	0.8%	6	200%	71%	1.0%
Luxembourg	2	0.0%	-31%	0.1%	0		-100%	0.0%
Japan	1	0.0%	0.0%	0.1%	0			0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
<b>Total</b>	<b>1,347</b>	<b>-14.4%</b>	<b>-12.0%</b>	<b>100%</b>	<b>621</b>	<b>128.3%</b>	<b>44.9%</b>	<b>100%</b>

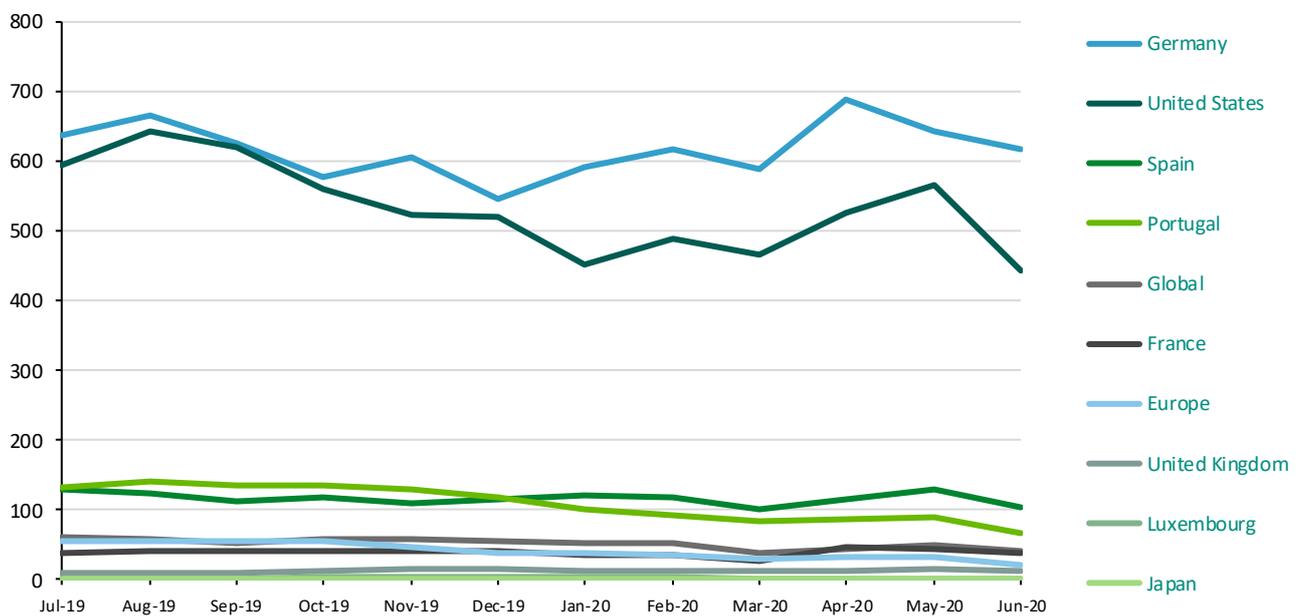
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

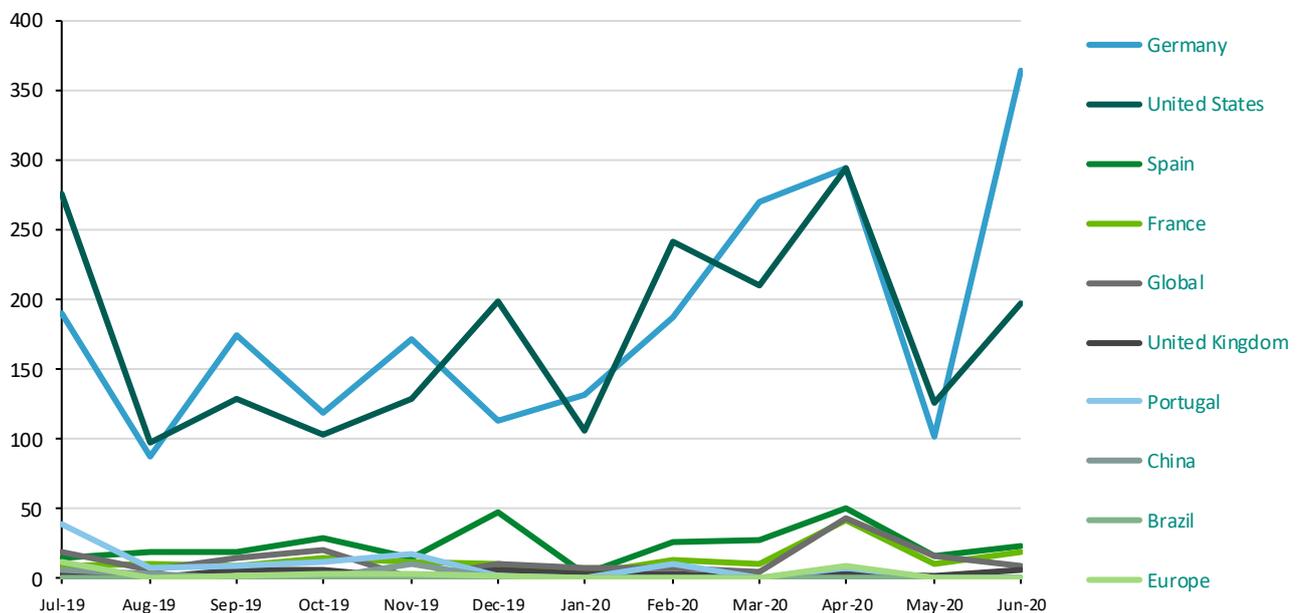
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Interbolsa instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

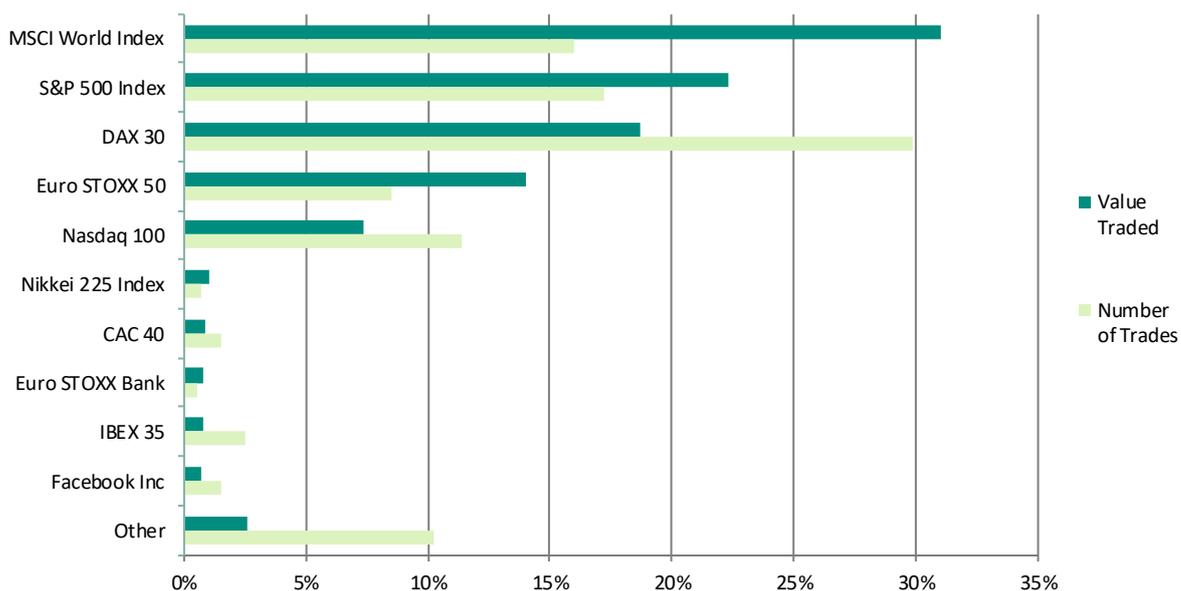
## Market Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
MSCI World Index	656	139%	-57%	31.0%	40	98.7%	-49.3%	16.0%
S&P 500 Index	471	26%	-63%	22.3%	43	2.5%	-55%	17.2%
DAX 30	395	-39%	-9.6%	18.7%	74	-49%	-19.5%	29.9%
Euro STOXX 50	296	213%	-62%	14.0%	21	72%	-62%	8.5%
Nasdaq 100	155	4.0%	-16.5%	7.3%	28	43%	19.8%	11.4%
Nikkei 225 Index	21	7.7%	-65%	1.0%	1.7	4.7%	-75%	0.7%
CAC 40	19	-43%	-75%	0.9%	3.8	-18.8%	-50%	1.5%
Euro STOXX Bank	16	101%	31%	0.8%	1.4	76%	9.6%	0.6%
IBEX 35	16	8.8%	-67%	0.8%	6.2	3.9%	0.4%	2.5%
Facebook Inc	15	74%	45%	0.7%	3.8	51%	28%	1.5%
Other	55	-58%	-80%	2.6%	25	-48%	-48%	10.2%
<b>Total</b>	<b>2,115</b>	<b>21.0%</b>	<b>-54.8%</b>	<b>100%</b>	<b>248</b>	<b>-17.8%</b>	<b>-40.7%</b>	<b>100%</b>

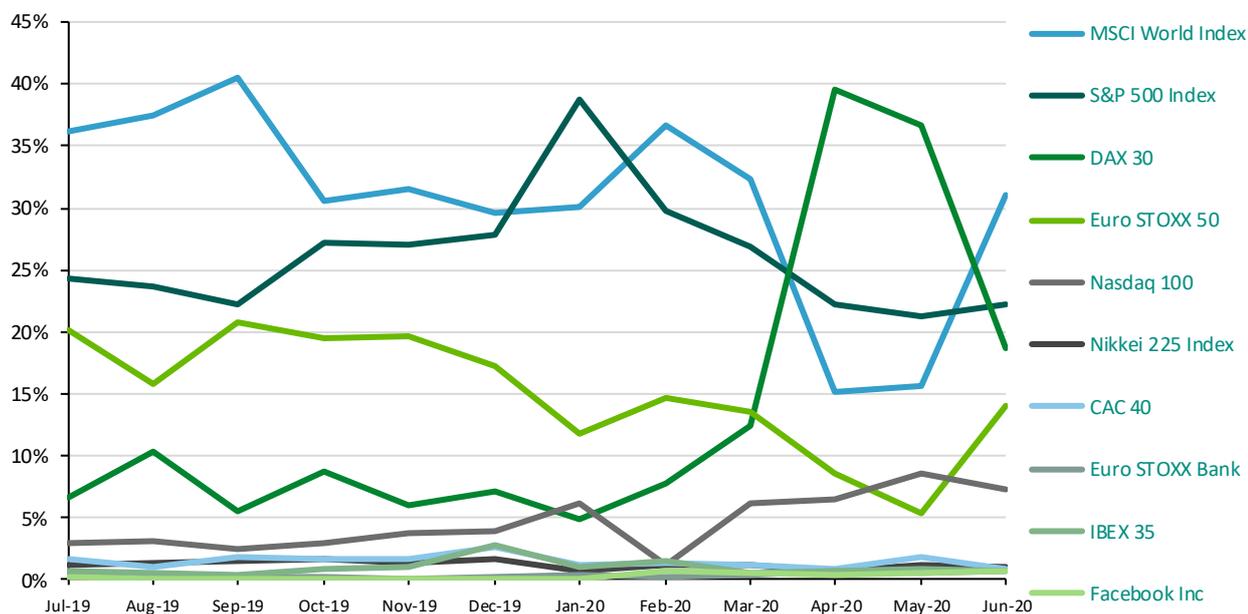
(Source Euronext)



# TOP 10 UNDERLYINGS

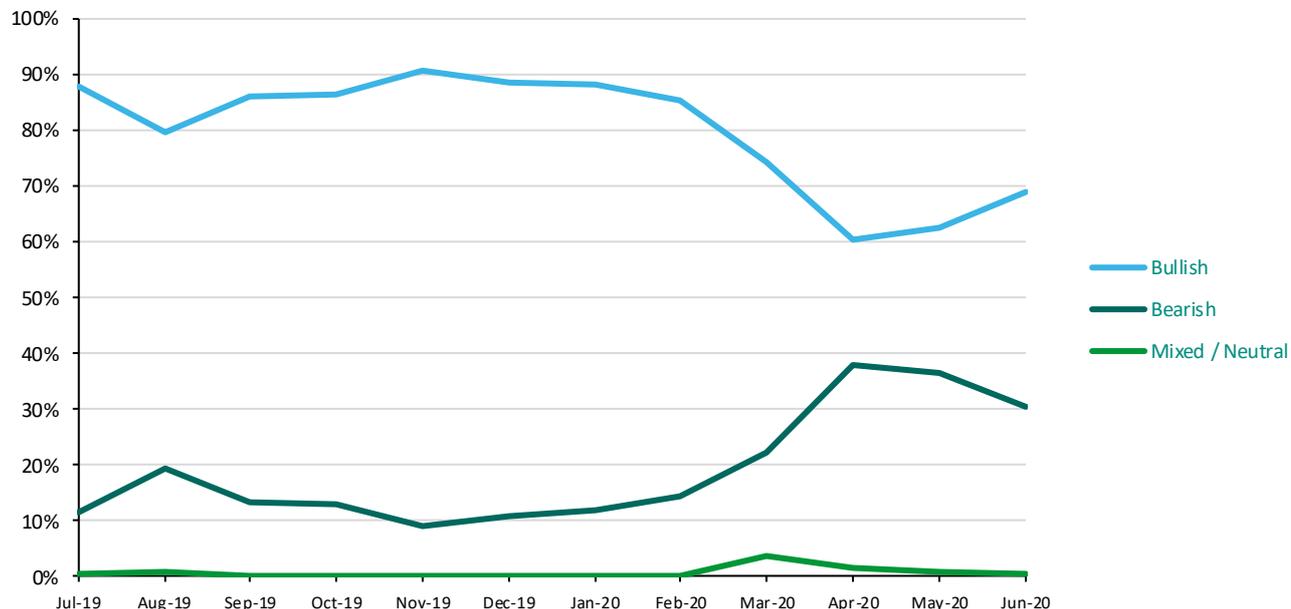
## Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Interbolsa instruments traded on Euronext's pan-European MTF.



## 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 Interbolsa instruments traded on Euronext's pan-European MTF.



# TOP 10 UNDERLYINGS

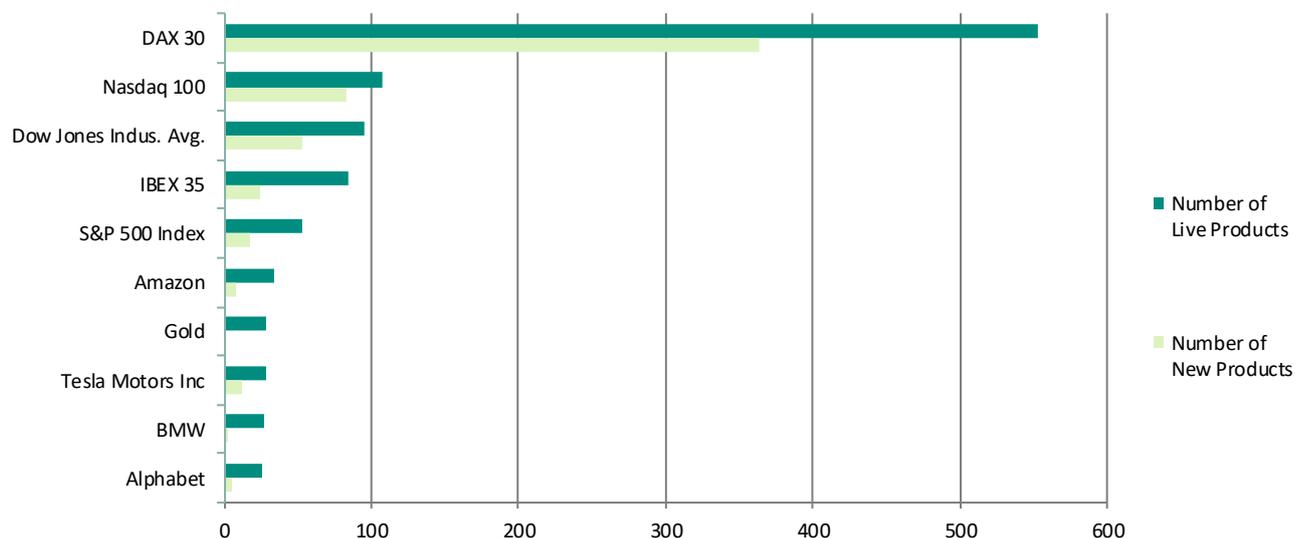
## Product Overview

The table below displays the daily averages of value traded and number of trades for the top 10 underlyings on Interbolsa instruments traded on Euronext's pan-European MTF, 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.

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	553	-1.1%	0.9%	41.0%	363	256%	104%	58.5%
Nasdaq 100	108	-18.5%	-33%	8.0%	83	15.3%	9.0%	13.4%
Dow Jones Indus. Avg.	95	-21%	4.8%	7.1%	53	104%	74%	8.5%
IBEX 35	85	-21%	-1.5%	6.3%	24	50%	4.7%	3.9%
S&P 500 Index	53	-20.0%	-26%	3.9%	17	31%	-9.3%	2.7%
Amazon	34	-36%	-10.3%	2.5%	8	300%	-23%	1.3%
Gold	29	-18.2%	34%	2.1%	1	-86%	-78%	0.2%
Tesla Motors Inc	29	-17.6%	7.0%	2.1%	12		32%	1.9%
BMW	27	-22%	9.6%	2.0%	2		-20.0%	0.3%
Alphabet	26	-29%	1.8%	1.9%	5	150%	-39%	0.8%
Other	309	-21%	-29%	22.9%	53		-22%	8.5%
<b>Total</b>	<b>1,347</b>	<b>-14.4%</b>	<b>-12.0%</b>	<b>100%</b>	<b>621</b>	<b>128.3%</b>	<b>44.9%</b>	<b>100%</b>

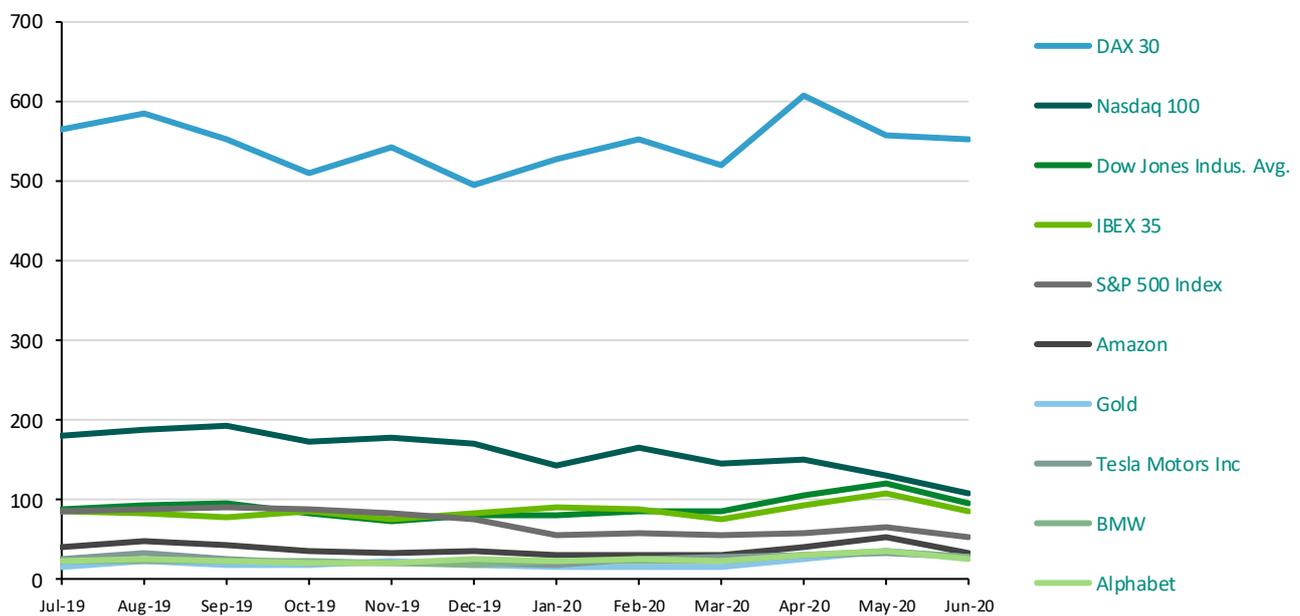
(Source Euronext)



# TOP 10 UNDERLYINGS

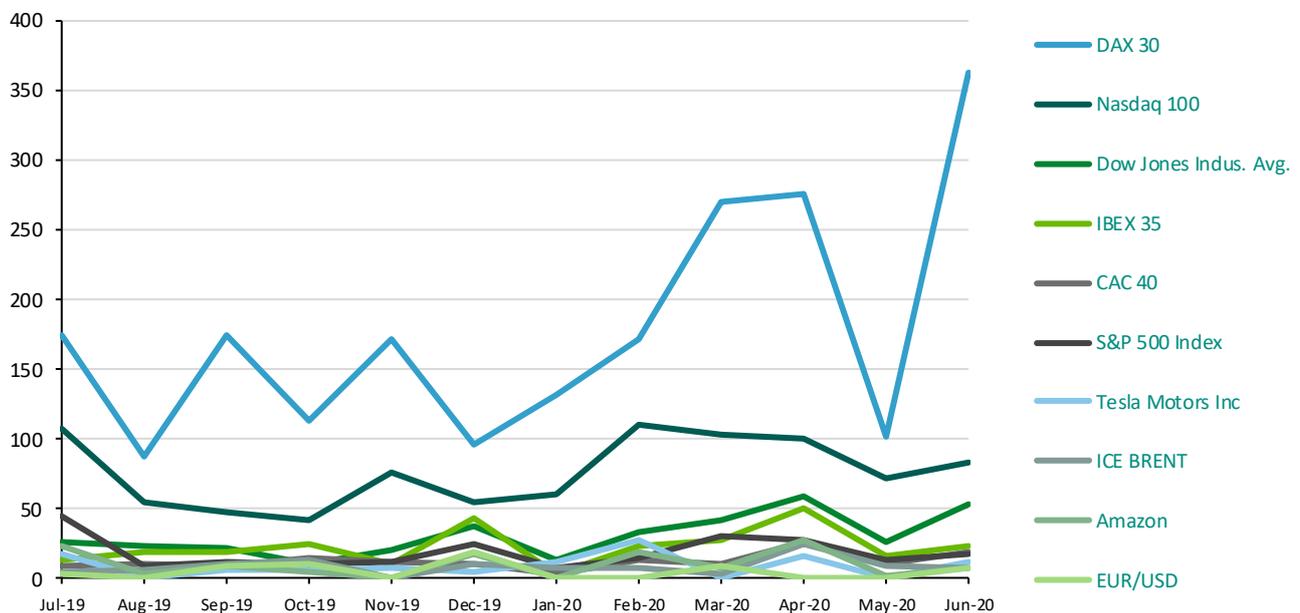
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Interbolsa instruments traded on Euronext's pan-European MTF.



## Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Interbolsa instruments traded on Euronext's pan-European MTF.



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on Interbolsa instruments traded on Euronext's pan-European MTF.

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	14,431	872
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	9,764	679
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	6,512	467
PTBITYE0034	BCP	1300	Tracker Certificates	DAX 30	2,911	196
DE000SB0H8B8	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	1,195	86
DE000KA39J51	Citi	2100	Warrants	DAX 30	969	34
DE000KA39HNO	Citi	2100	Warrants	DAX 30	630	17
DE000CL1EX20	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	483	30
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	461	38
DE000SB0H755	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	409	26
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	387	62
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	361	31
DE000KA39KN4	Citi	2100	Warrants	DAX 30	325	8
DE000SB1CBW2	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	299	25
DE000CU1QOR3	Société Générale	2100	Warrants	DAX 30	283	41
DE000KB191D7	Citi	2200	Knock-Out Warrants	Facebook Inc	270	48
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	213	38
DE000KB19061	Citi	2200	Knock-Out Warrants	DAX 30	170	18
DE000SR8UCC1	Société Générale	2200	Knock-Out Warrants	S&P 500 Index	169	15
DE000CL1E6M4	Société Générale	2100	Warrants	DAX 30	157	4
DE000SB0U0PU0	Société Générale	2200	Knock-Out Warrants	DAX 30	150	21
DE000KA39H38	Citi	2100	Warrants	DAX 30	146	29
DE000CL85MH9	Société Générale	2100	Warrants	DAX 30	145	22
DE000KA39R17	Citi	2200	Knock-Out Warrants	DAX 30	137	27
DE000KB191M8	Citi	2200	Knock-Out Warrants	DAX 30	131	19
DE000CJ36QE4	Société Générale	2300	Constant Leverage Certificate	DAX 30	121	2
DE000SB0H730	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	119	17
DE000KA39RZ3	Citi	2200	Knock-Out Warrants	DAX 30	115	63
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	115	18
DE000SB1KGA0	Société Générale	2200	Knock-Out Warrants	DAX 30	105	20
DE000CL8NHD7	Société Générale	2100	Warrants	Nasdaq 100	104	9
DE000SB0H9R2	Société Générale	2200	Knock-Out Warrants	DAX 30	102	30
DE000KB191K2	Citi	2200	Knock-Out Warrants	DAX 30	92	14
DE000KA39SH9	Citi	2200	Knock-Out Warrants	S&P 500 Index	89	17
DE000KB19ZV5	Citi	2200	Knock-Out Warrants	Nasdaq 100	85	13
DE000SR8UB97	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	81	39
DE000KB191N6	Citi	2200	Knock-Out Warrants	DAX 30	78	15
DE000SB1KGB8	Société Générale	2200	Knock-Out Warrants	DAX 30	77	13
DE000SR711T2	Société Générale	2200	Knock-Out Warrants	Gold	76	4
DE000SB0H8A0	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	73	38
DE000KB192L8	Citi	2200	Knock-Out Warrants	Nasdaq 100	73	28
DE000CL1E2Z5	Société Générale	2200	Knock-Out Warrants	S&P 500 Index	70	8
DE000CL88453	Société Générale	2200	Knock-Out Warrants	Tesla Motors Inc	69	2
DE000SB1RZQ1	Société Générale	2200	Knock-Out Warrants	DAX 30	69	36
DE000KB19X31	Citi	2200	Knock-Out Warrants	Amazon	69	2
DE000KB191P1	Citi	2200	Knock-Out Warrants	DAX 30	68	22
DE000SB0UQC6	Société Générale	2200	Knock-Out Warrants	DAX 30	64	8
DE000KA39SG1	Citi	2200	Knock-Out Warrants	S&P 500 Index	64	20
DE000SR711U0	Société Générale	2200	Knock-Out Warrants	Gold	64	23
DE000SB0H9Q4	Société Générale	2200	Knock-Out Warrants	DAX 30	59	19

(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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