



Warrants & Certificates

# Activity report

Issue 111  
October 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 31/10/2020)	30,945	810	1,429	43,724	<b>76,908</b>
New Products	14,635	274	673	15,804	<b>31,386</b>
New Products YTD	171,956	4,053	4,951	203,588	<b>384,548</b>
Value Traded (in €m)	364.4	10.7	40.8	439.0	<b>854.8</b>
Value Traded YTD (in €m)	5,753.4	147.4	611.2	4,874.7	<b>11,386.7</b>
Value Traded ADV (in €m)	16.6	0.5	1.9	20.0	<b>38.9</b>
Value Traded YTD ADV (in €m)	26.4	0.7	2.8	22.4	<b>52.2</b>
Number of Trades	149,440	5,405	4,692	160,745	<b>320,282</b>
Number of Trades YTD	1,977,362	58,337	68,473	1,722,977	<b>3,827,149</b>
Number of Trades ADV	6,793	246	213	7,307	<b>14,558</b>
Number of Trades YTD ADV	9,070	268	314	7,904	<b>17,556</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)

**Business Development:** +33 1 70 48 28 48

**Product Development:** +33 1 70 48 28 49

\* 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

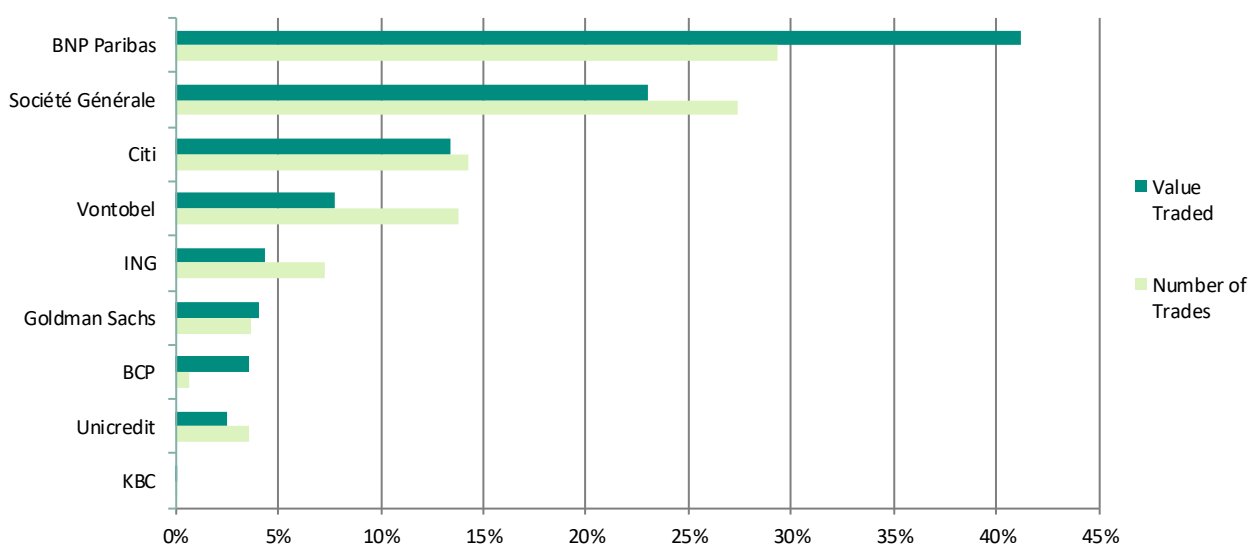
## Market Overview

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	16,020	-5.5%	-19.0%	41.2%	4,268	-11.9%	-18.9%	29.3%
Société Générale	8,950	-9.9%	-1.2%	23.0%	3,994	-5.8%	13.0%	27.4%
Citi	5,209	-4.0%	34%	13.4%	2,072	-8.5%	14.4%	14.2%
Vontobel	3,011	-23%	-32%	7.7%	2,007	6.4%	-2.6%	13.8%
ING	1,707	-23%	-52%	4.4%	1,065	7.7%	-20.8%	7.3%
Goldman Sachs	1,582	-55%	-42%	4.1%	534	-15.2%	-39.6%	3.7%
BCP	1,385	12.8%	-53%	3.6%	98	4.3%	-52.8%	0.7%
Unicredit	960	-13.0%	-10.9%	2.5%	520	-4.8%	6.8%	3.6%
KBC	36	-95%	-84%	0.1%	0.3	-94.8%	-78.7%	0.0%
<b>Total</b>	<b>38,860</b>	<b>-13.7%</b>	<b>-22.9%</b>	<b>100%</b>	<b>14,558</b>	<b>-6.1%</b>	<b>-13.4%</b>	<b>100%</b>

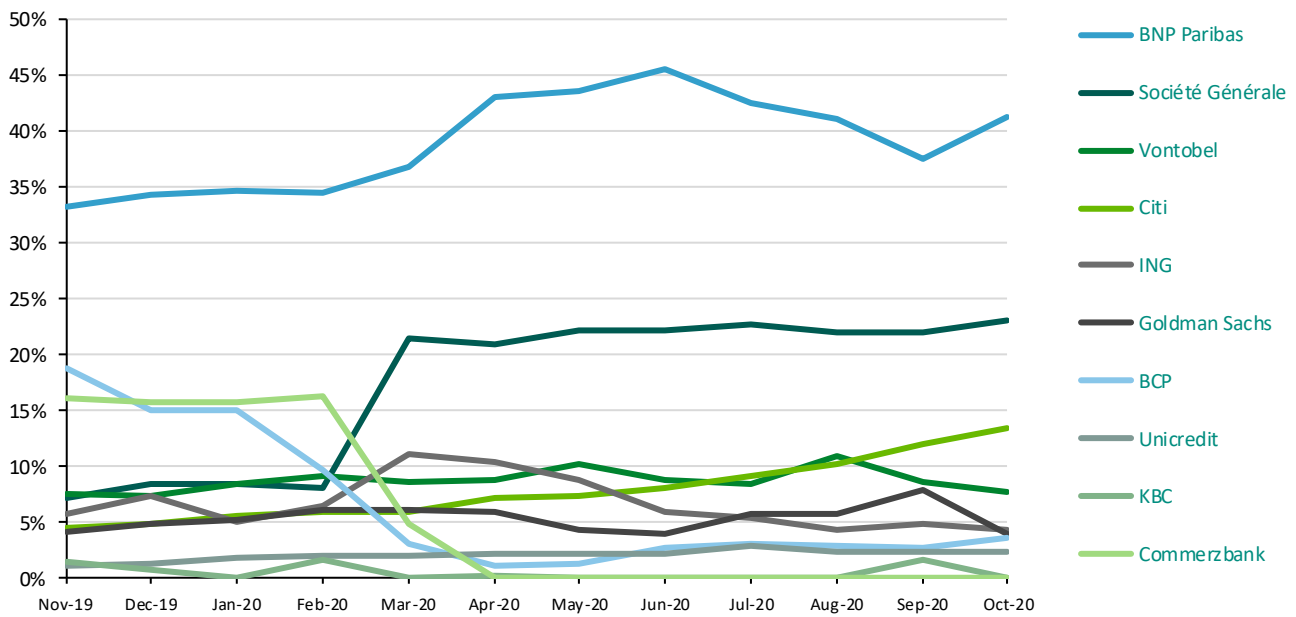
(Source Euronext)



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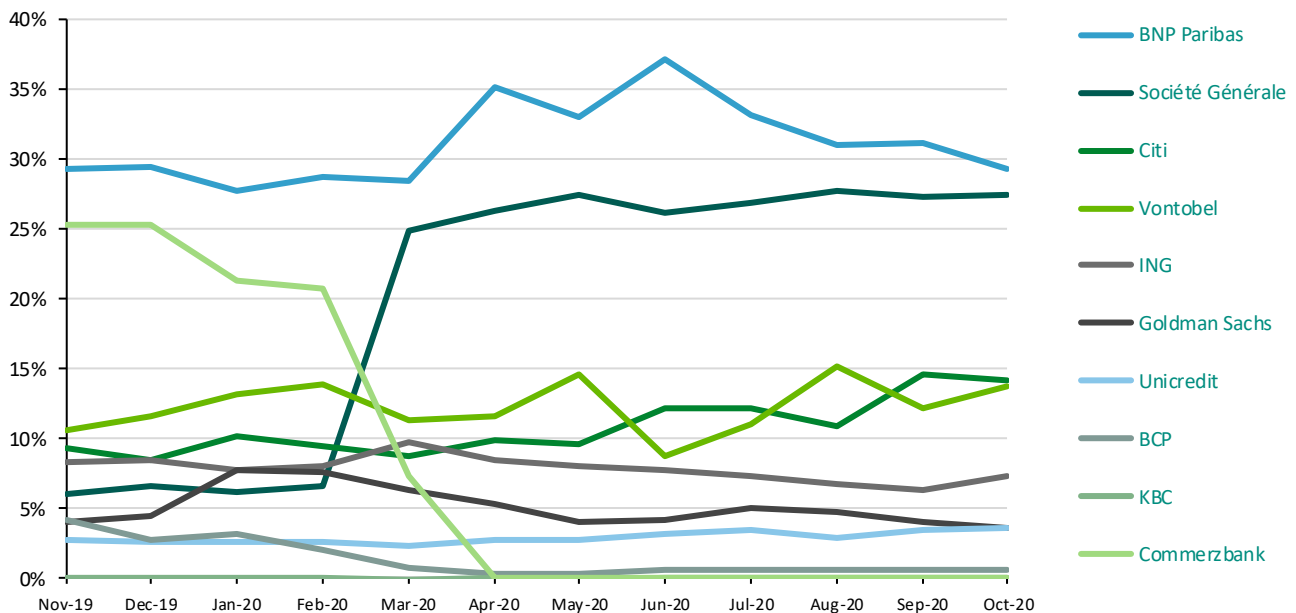
## Market Trend: Value traded

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

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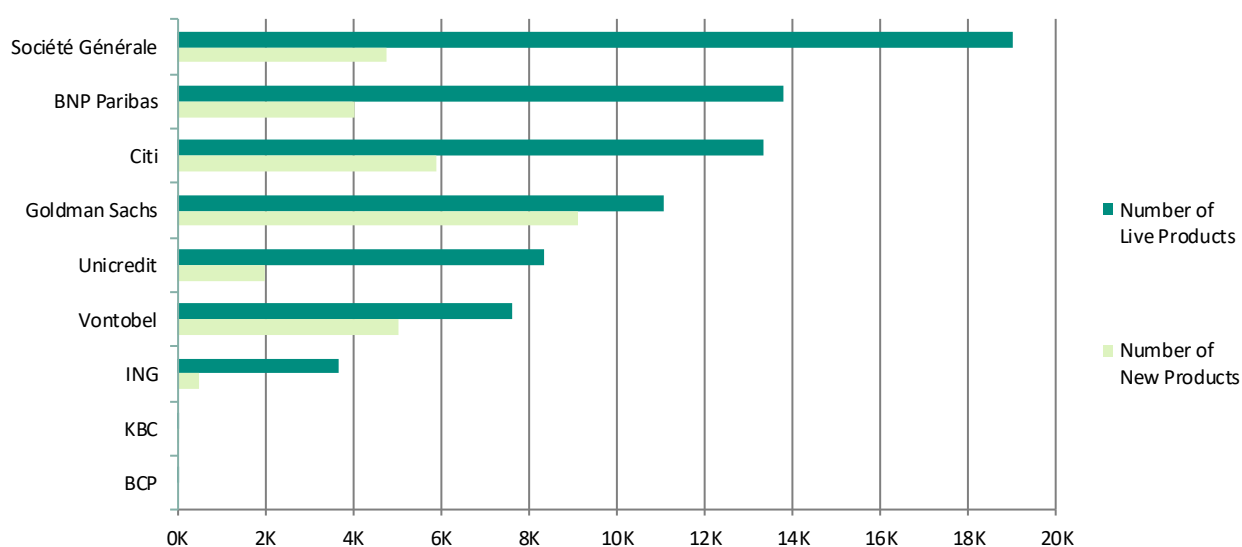
## Product Overview

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	19,007	0.7%	20%	24.7%	4,769	9.1%	-19.9%	15.2%
BNP Paribas	13,782	-16.3%	-16.2%	17.9%	4,054	-22%	-37%	12.9%
Citi	13,348	-1.8%	4.2%	17.4%	5,901	-2.4%	8.6%	18.8%
Goldman Sachs	11,081	-0.3%	31%	14.4%	9,132	38%	33%	29.1%
Unicredit	8,353	-4.5%	-6.0%	10.9%	1,969	15.1%	-27%	6.3%
Vontobel	7,632	1.1%	1.3%	9.9%	5,054	15.5%	-6.8%	16.1%
ING	3,674	-5.8%	-1.6%	4.8%	506	-12.5%	-37%	1.6%
KBC	26	38%	4.7%	0.0%	1	-86%	-64%	0.0%
BCP	16	-7.3%	-7.9%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>76,919</b>	<b>-4.2%</b>	<b>-4.3%</b>	<b>100%</b>	<b>31,386</b>	<b>8.6%</b>	<b>-10.3%</b>	<b>100%</b>

(Source Euronext)

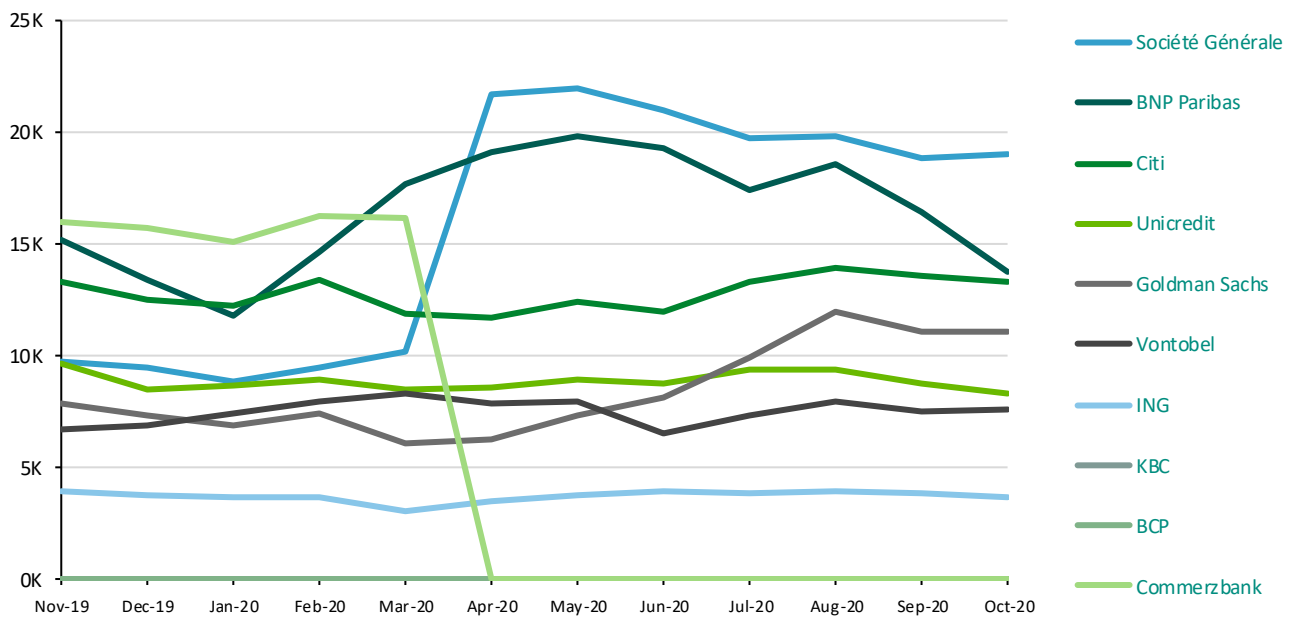




# ISSUERS

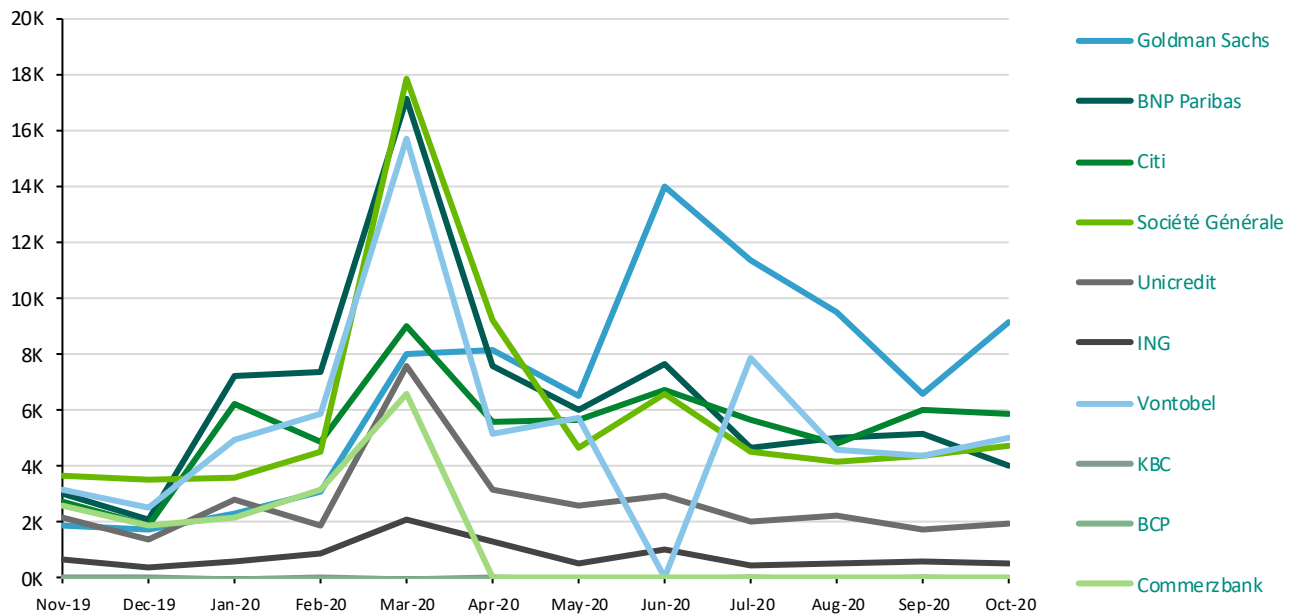
## Product Trend: Number of Live Products

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

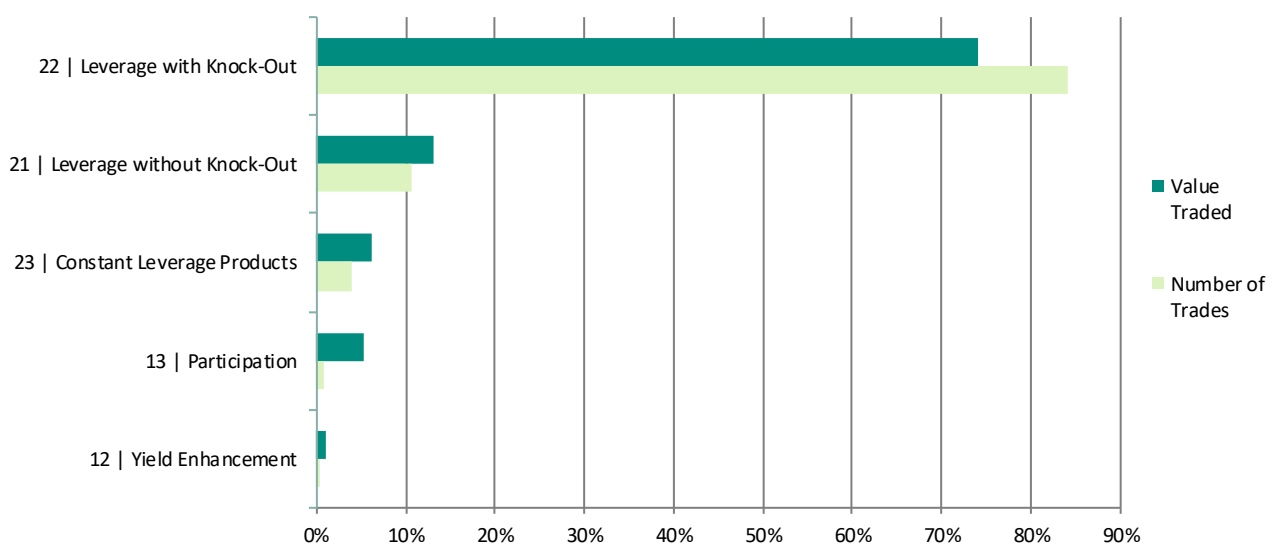
### Market Overview

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	28,831	-14.3%	-21%	74.2%	12,251	-4.8%	-11.2%	84.2%
21   Leverage without Knock-Out	5,105	-9.8%	-24%	13.1%	1,542	-14.7%	-14.4%	10.6%
23   Constant Leverage Products	2,429	9.2%	-15.4%	6.2%	587	-9.9%	-31.8%	4.0%
13   Participation	2,044	-13.3%	-43%	5.3%	119	3.8%	-59.2%	0.8%
12   Yield Enhancement	451	-61%	-36%	1.2%	59	-5.6%	-13.6%	0.4%
<b>Total</b>	<b>38,860</b>	<b>-13.7%</b>	<b>-22.9%</b>	<b>100%</b>	<b>14,558</b>	<b>-6.1%</b>	<b>-13.4%</b>	<b>100%</b>

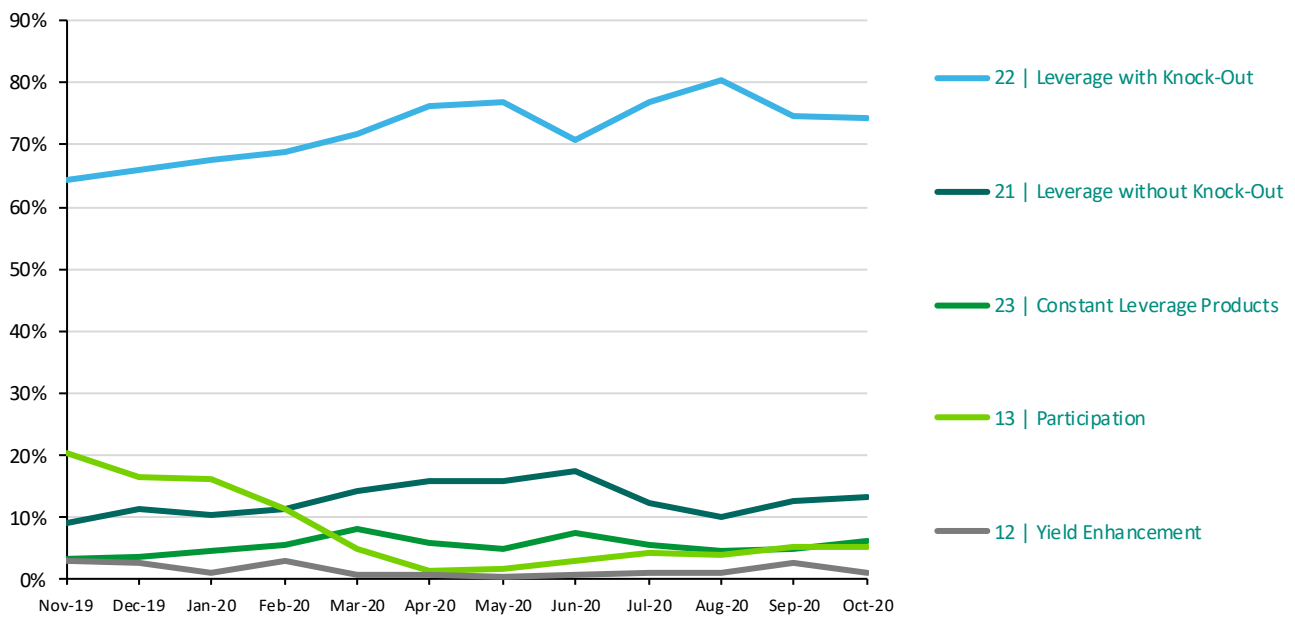
(Source Euronext)



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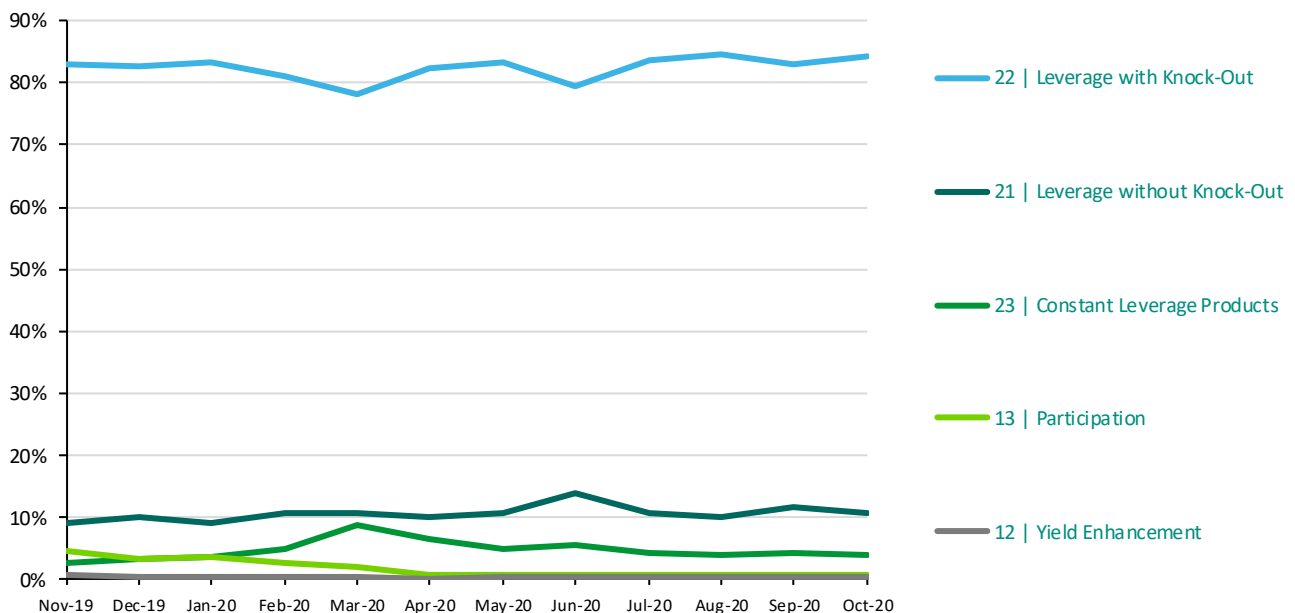
## Market Trend: Value traded

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## Market Trend: Number of trades

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

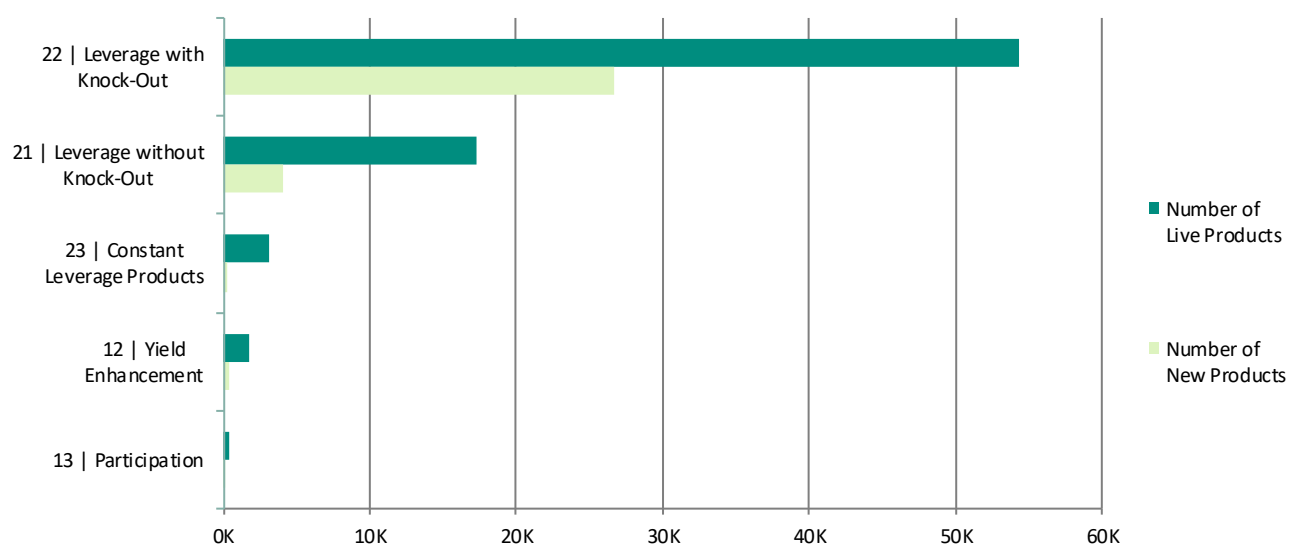
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

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	54,322	-4.3%	1.0%	70.6%	26,672	4.8%	-11.1%	85.0%
21   Leverage without Knock-Out	17,311	-7.3%	-20%	22.5%	4,063	48%	-3.3%	12.9%
23   Constant Leverage Products	3,163	8.1%	7.5%	4.1%	286	-5.3%	-39%	0.9%
12   Yield Enhancement	1,804	9.2%	5.8%	2.3%	350	0.0%	16.6%	1.1%
13   Participation	319	11.1%	10.6%	0.4%	15	-73%	-48%	0.0%
<b>Total</b>	<b>76,919</b>	<b>-4.2%</b>	<b>-4.3%</b>	<b>100%</b>	<b>31,386</b>	<b>8.6%</b>	<b>-10.3%</b>	<b>100%</b>

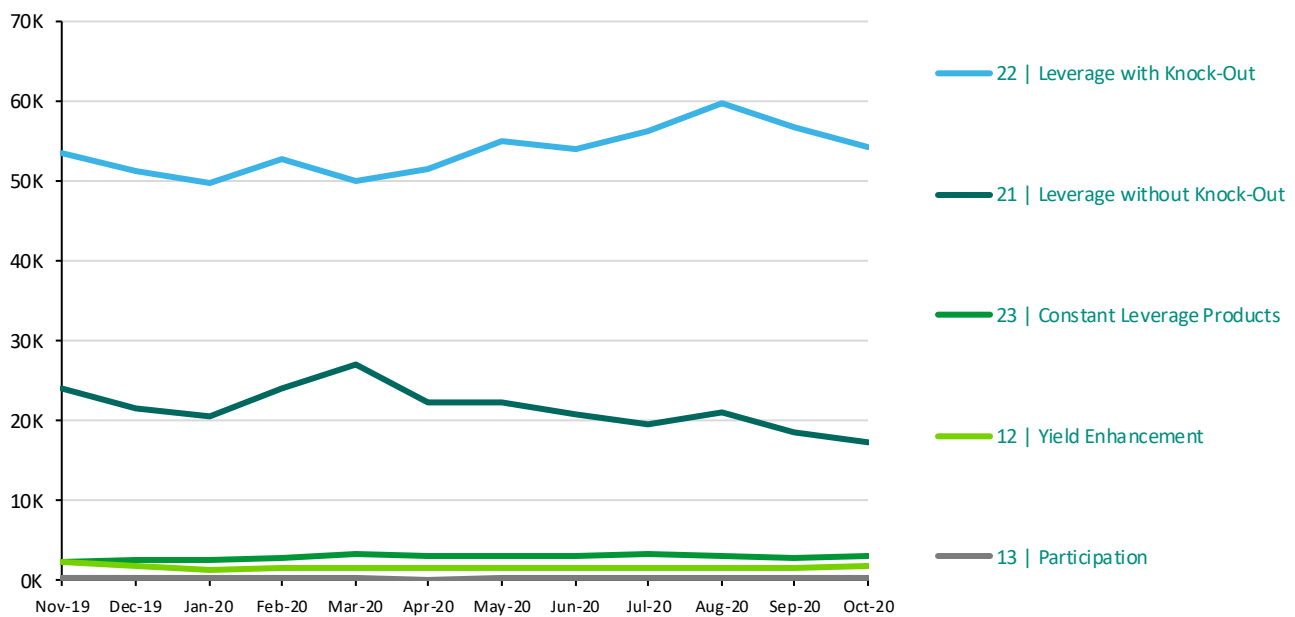
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

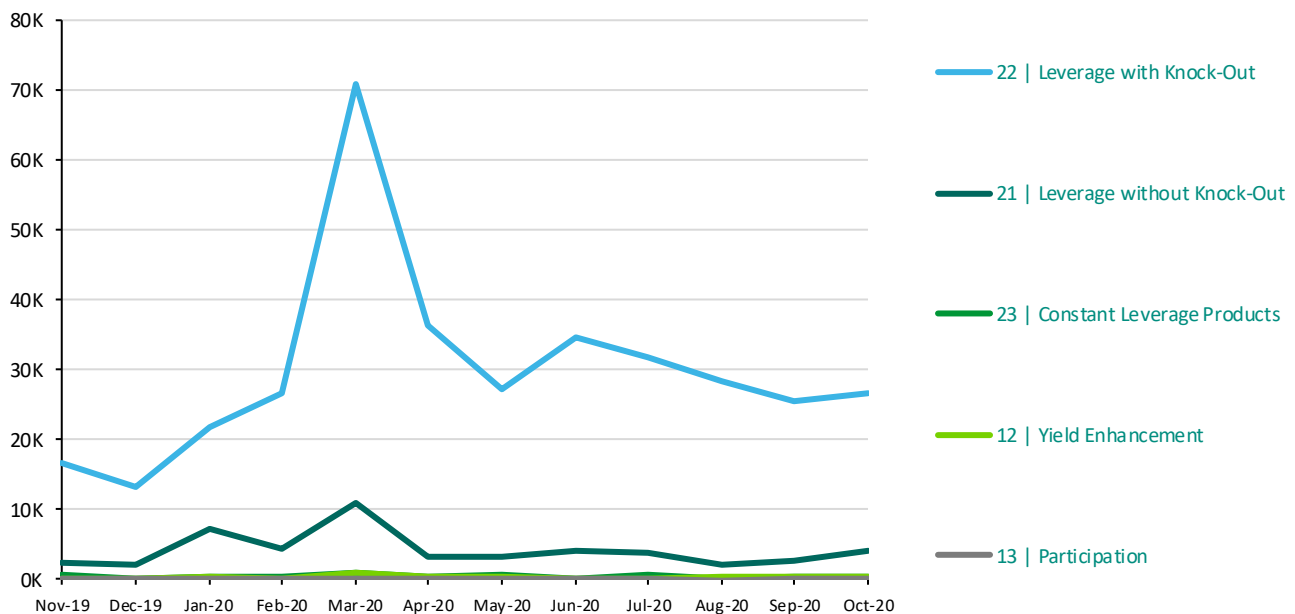
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## Product Trend: Number of New Products

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)

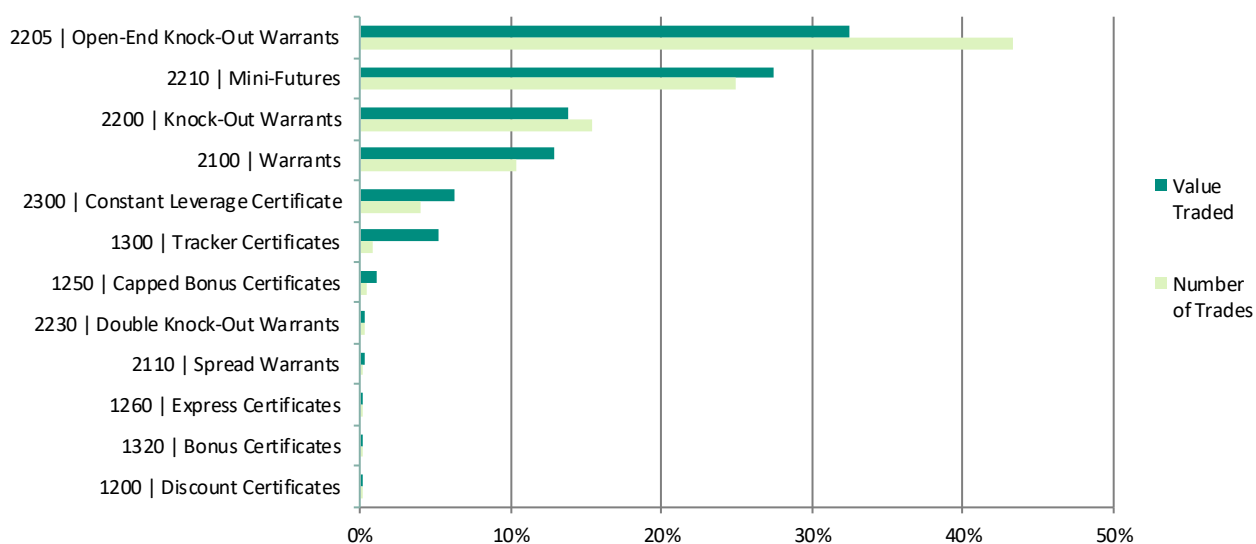
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The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

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	12,621	-13.2%	-25%	32.5%	6,318	-3.5%	-15.0%	43.4%
2210   Mini-Futures	10,696	-18.5%	-27%	27.5%	3,628	-10.7%	-15.6%	24.9%
2200   Knock-Out Warrants	5,378	-8.1%	8.9%	13.8%	2,250	2.0%	11.2%	15.5%
2100   Warrants	5,007	-10.1%	-24%	12.9%	1,508	-15.4%	-15.2%	10.4%
2300   Constant Leverage Certificate	2,429	9.2%	-15.4%	6.2%	587	-9.9%	-32%	4.0%
1300   Tracker Certificates	2,042	-13.2%	-43%	5.3%	118	4.5%	-59%	0.8%
1250   Capped Bonus Certificates	417	-1.0%	-11.0%	1.1%	59	4.3%	-11.9%	0.4%
2230   Double Knock-Out Warrants	136	5.2%	36%	0.4%	56	23%	47%	0.4%
2110   Spread Warrants	99	8.3%	-10.8%	0.3%	34	37%	42%	0.2%
1260   Express Certificates	34	-96%	-85%	0.1%	0.3	-96%	-81%	0.0%
1320   Bonus Certificates	2	-65%	-89%	0.0%	0.4	-65%	-85%	0.0%
1200   Discount Certificates	0	-88%	-96%	0.0%	0.0	-67%	-79%	0.0%
<b>Total</b>	<b>38,860</b>	<b>-13.7%</b>	<b>-22.9%</b>	<b>100%</b>	<b>14,558</b>	<b>-6.1%</b>	<b>-13.4%</b>	<b>100%</b>

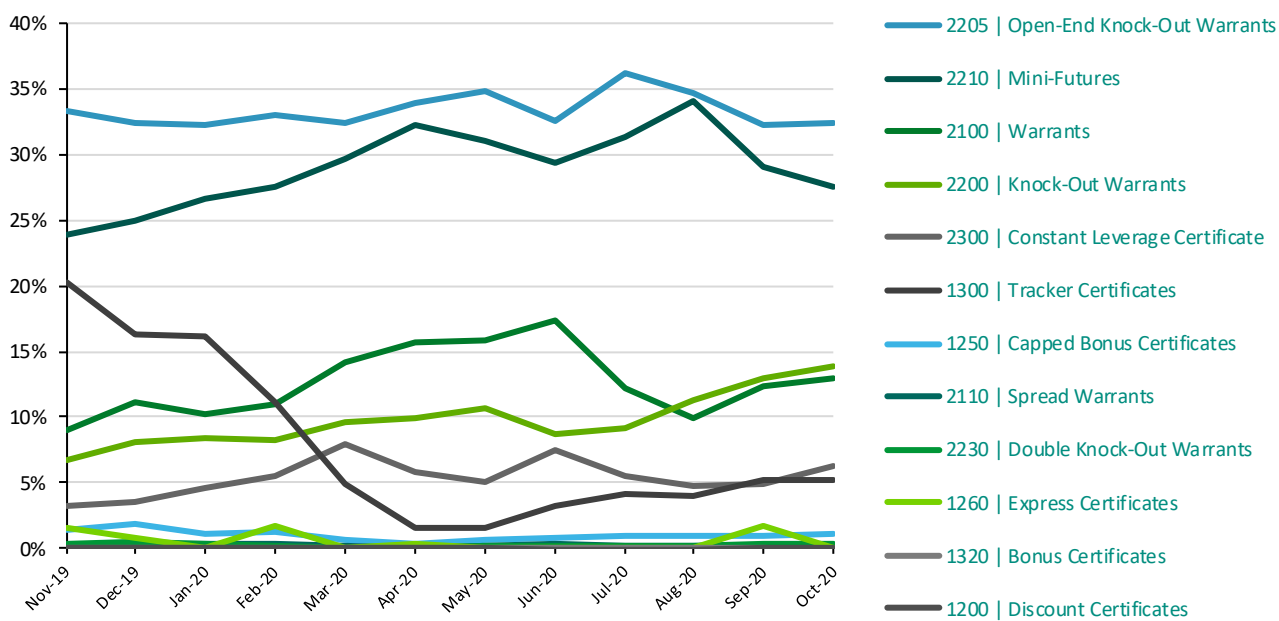
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

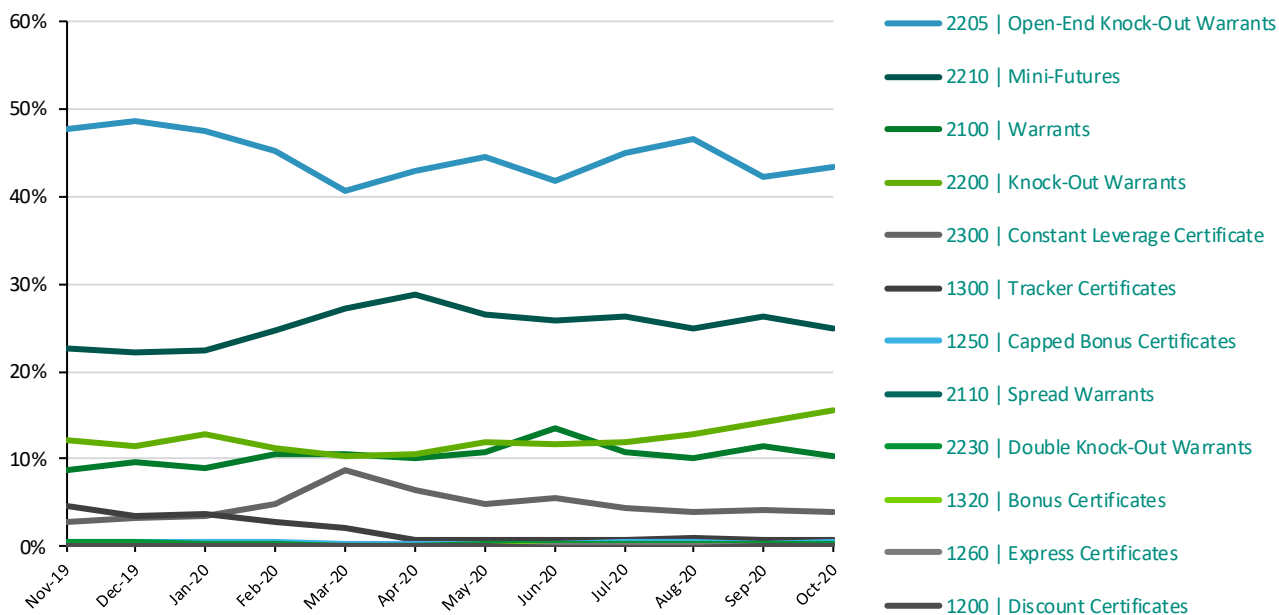
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## Market Trend: Number of trades

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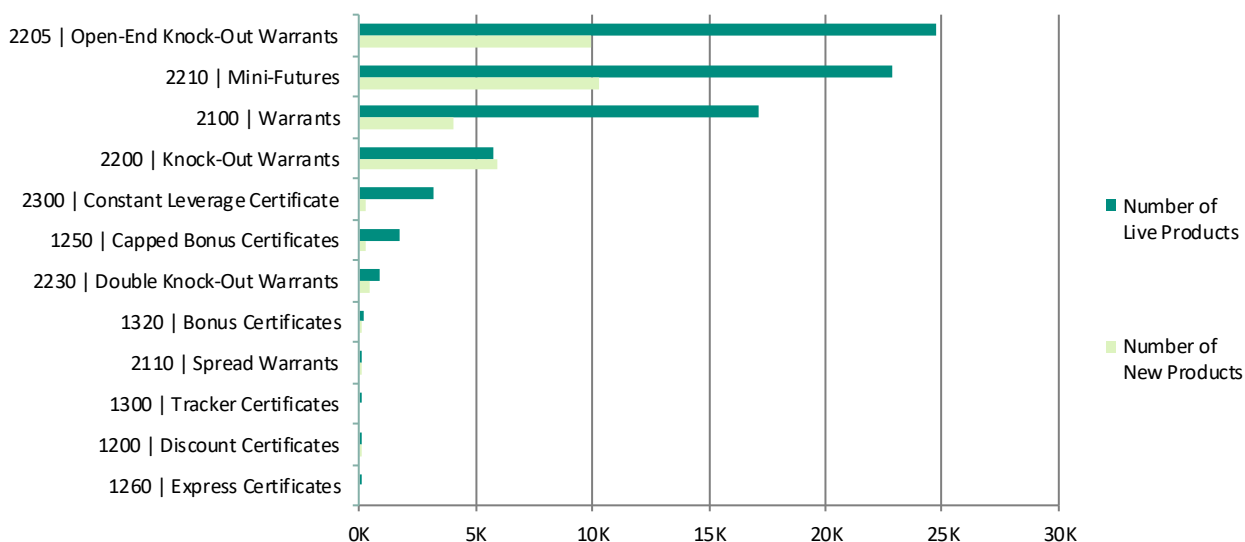
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

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	24,719	-2.3%	6.7%	32.1%	9,937	-2.0%	-16.9%	31.7%
2210   Mini-Futures	22,892	-2.6%	4.2%	29.8%	10,294	12.7%	-4.1%	32.8%
2100   Warrants	17,175	-7.3%	-20%	22.3%	4,027	48%	-3.2%	12.8%
2200   Knock-Out Warrants	5,784	-19.9%	-28%	7.5%	5,962	3.7%	-15.1%	19.0%
2300   Constant Leverage Certificate	3,163	8.1%	7.5%	4.1%	286	-5.3%	-39%	0.9%
1250   Capped Bonus Certificates	1,731	8.8%	7.1%	2.3%	332	-2.1%	17.3%	1.1%
2230   Double Knock-Out Warrants	927	33%	45%	1.2%	479	9.4%	69%	1.5%
1320   Bonus Certificates	196	21%	33%	0.3%	15	-73%	-47%	0.0%
2110   Spread Warrants	136	-5.1%	-14.2%	0.2%	36	89%	-19.3%	0.1%
1300   Tracker Certificates	123	-1.2%	-12.5%	0.2%	0		-100%	0.0%
1200   Discount Certificates	47	10.8%	-35%	0.1%	18	260%	17.4%	0.1%
1260   Express Certificates	26	38%	61%	0.0%	0	-100%	-100%	0.0%
<b>Total</b>	<b>76,919</b>	<b>-4.2%</b>	<b>-4.3%</b>	<b>100%</b>	<b>31,386</b>	<b>8.6%</b>	<b>-10.3%</b>	<b>100%</b>

(Source Euronext)

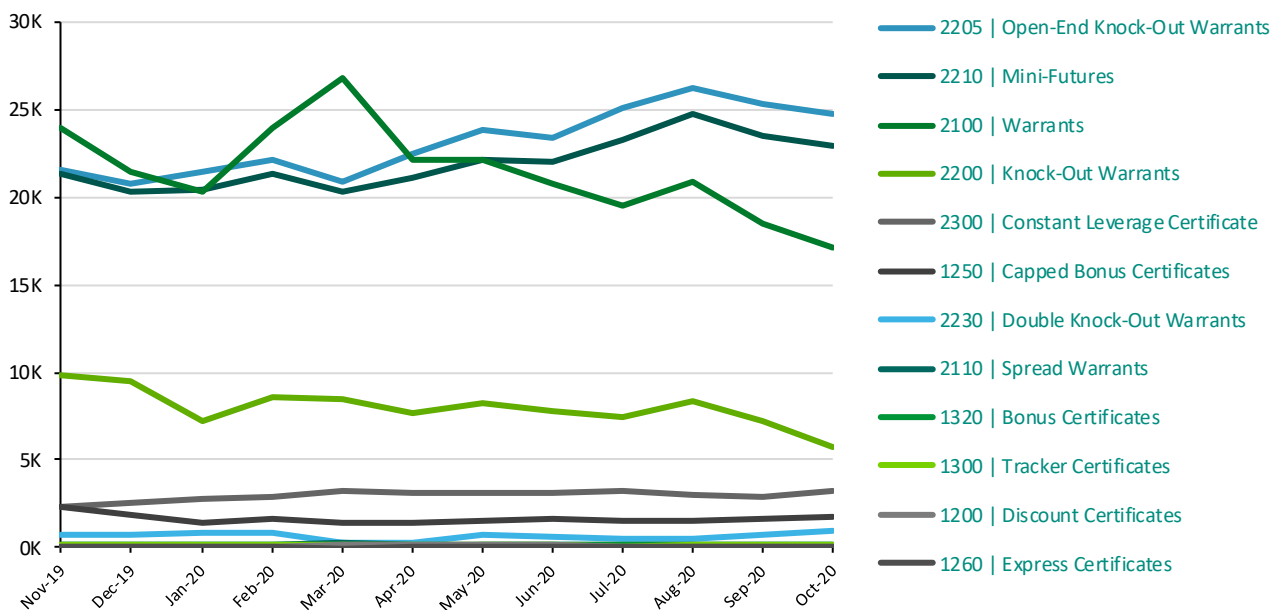




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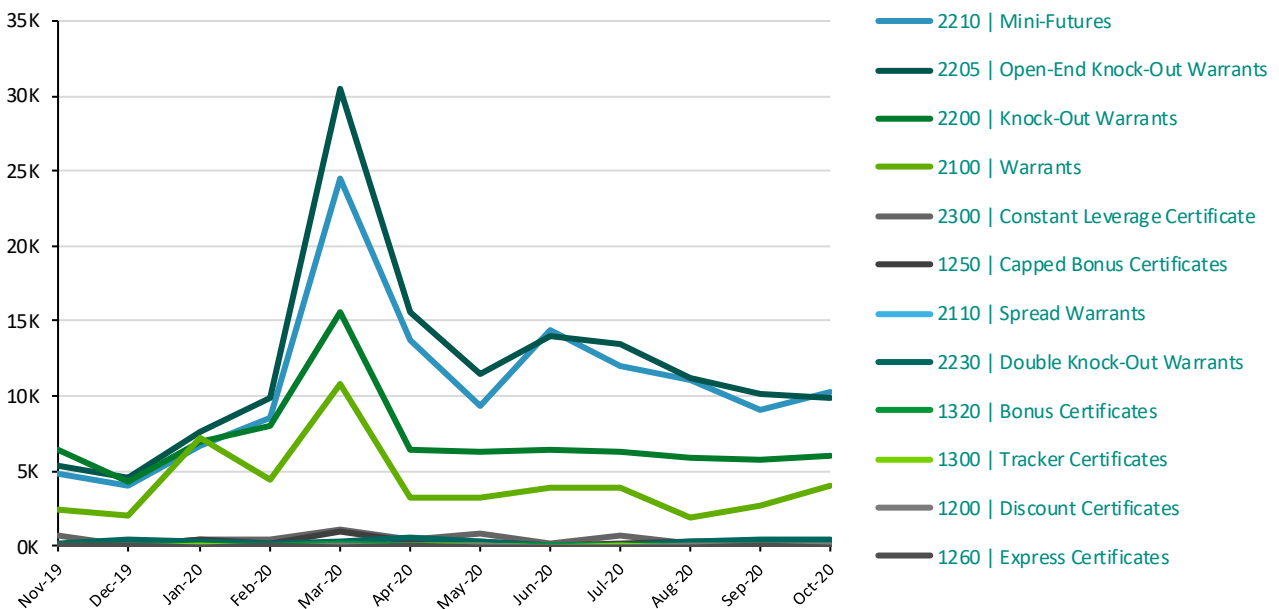
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## Product Trend: Number of New Products

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

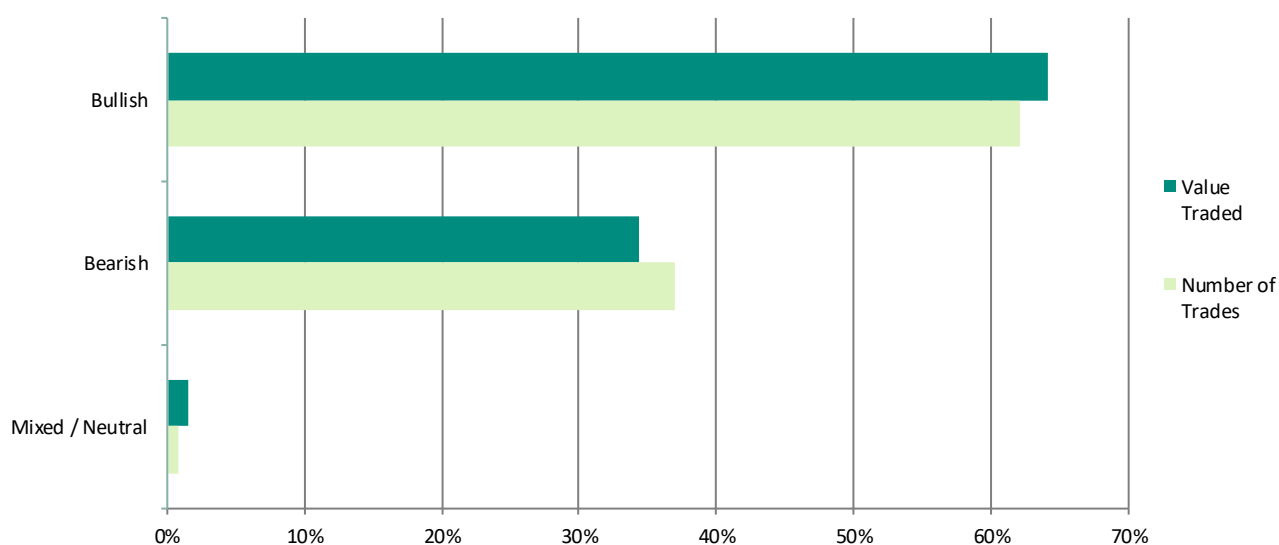
## Market Overview

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	24,931	-15.7%	-24%	64.2%	9,047	-6.8%	-10.9%	62.1%
Bearish	13,365	-10.2%	-21%	34.4%	5,393	-5.0%	-17.5%	37.0%
Mixed / Neutral	564	-3.4%	-16.3%	1.5%	119	8.7%	-5.1%	0.8%
Total	38,860	-13.7%	-22.9%	100%	14,558	-6.1%	-13.4%	100%

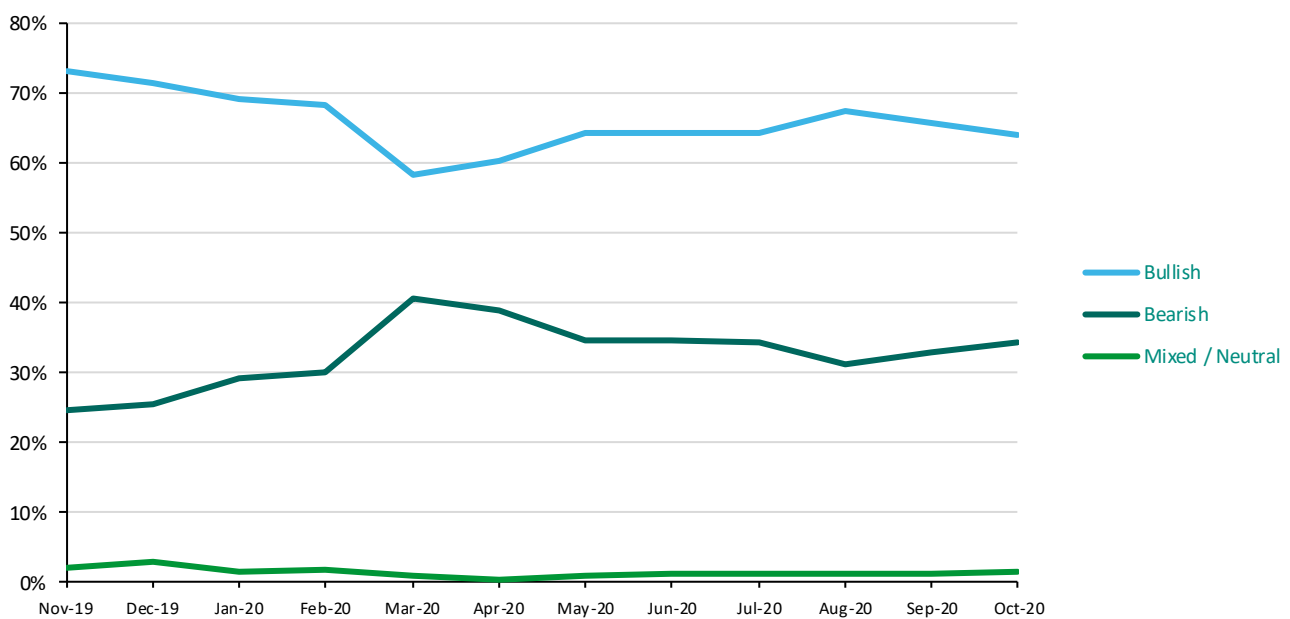
(Source Euronext)



# PRODUCT STRATEGIES

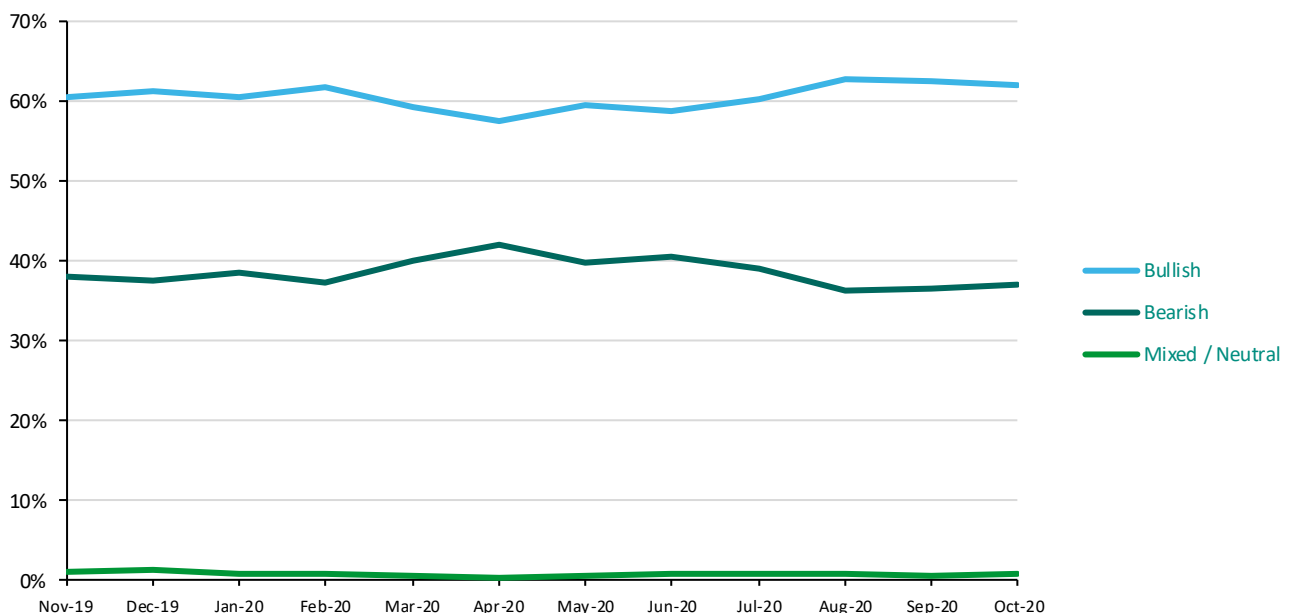
## Market Trend: Value traded

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

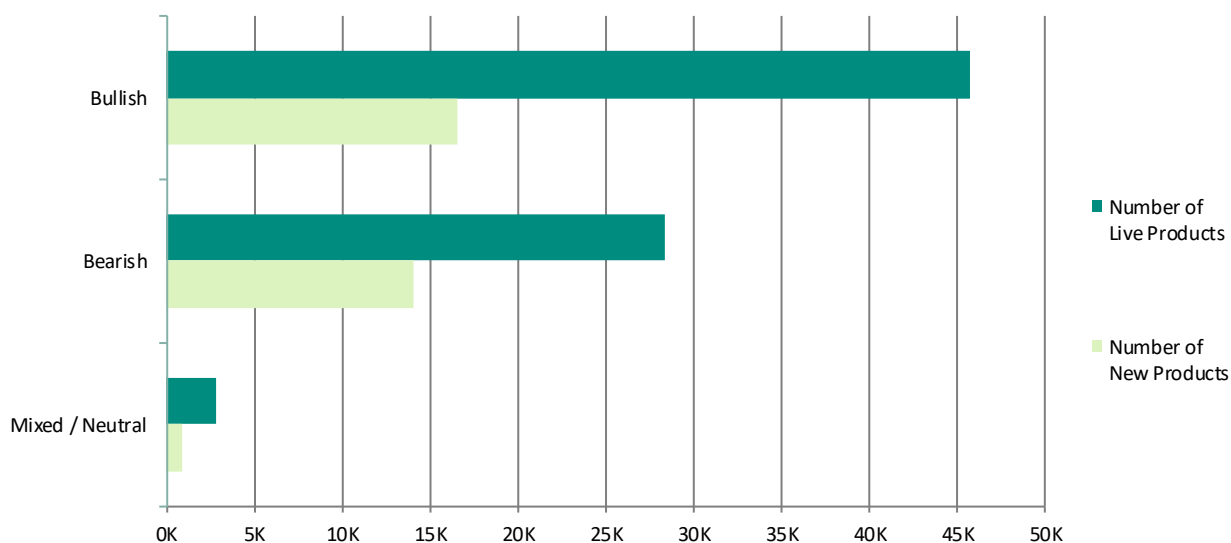
## Product Overview

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	45,785	-5.9%	-4.0%	59.5%	16,552	11.3%	-13.2%	52.7%
Bearish	28,351	-2.8%	-6.0%	36.9%	14,005	5.8%	-8.5%	44.6%
Mixed / Neutral	2,783	14.5%	10.0%	3.6%	829	6.0%	36%	2.6%
Total	76,919	-4.2%	-4.3%	100%	31,386	8.6%	-10.3%	100%

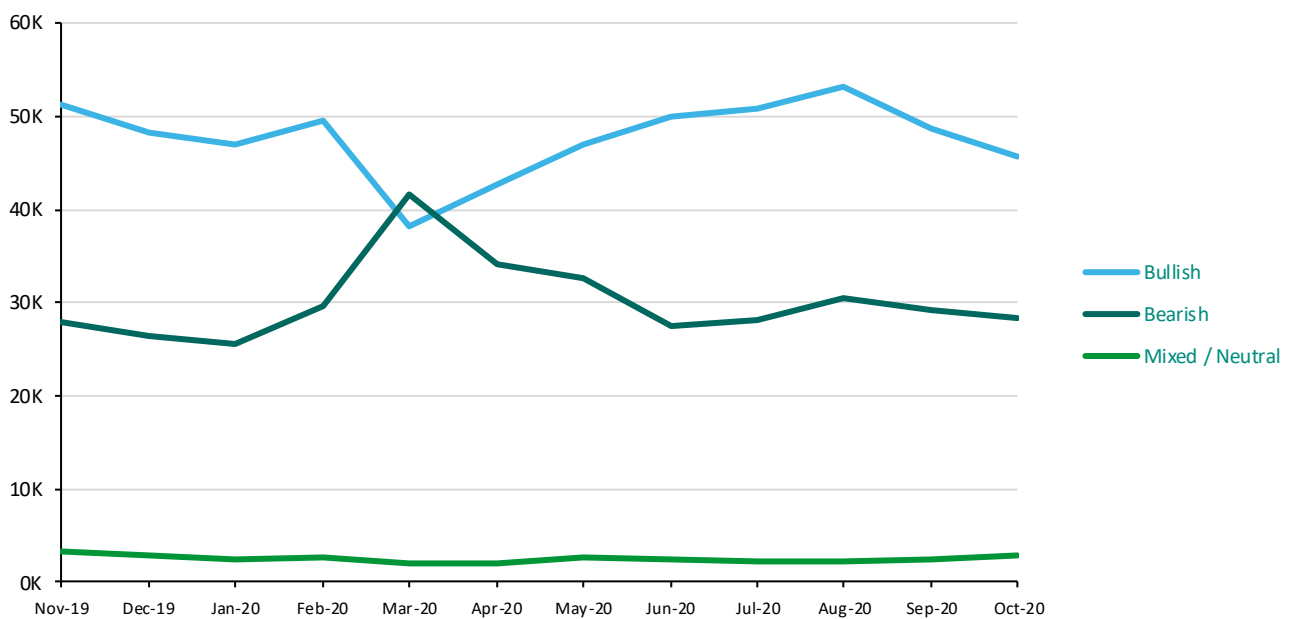
(Source Euronext)



# PRODUCT STRATEGIES

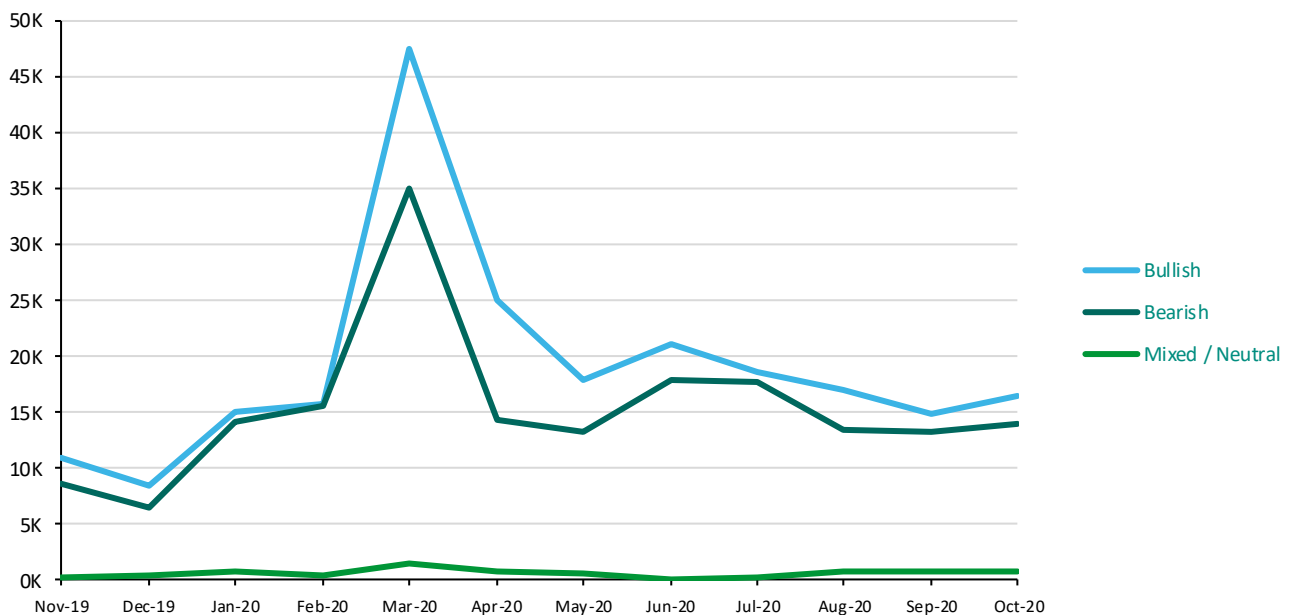
## Product Trend: Number of Live Products

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

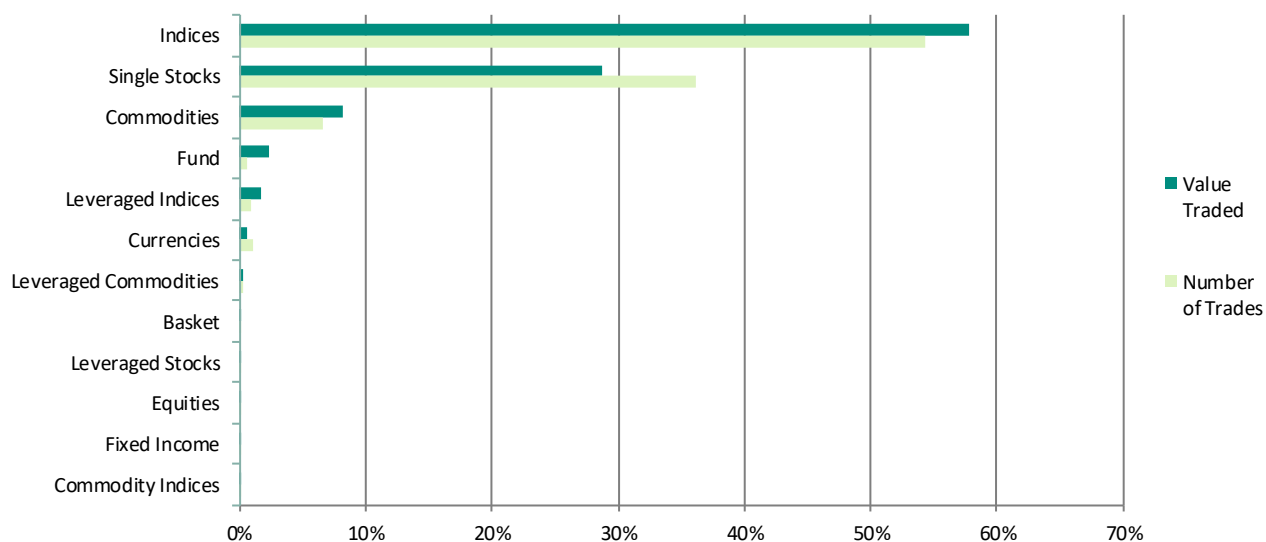
## Market Overview

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	22,468	-7.7%	-16.3%	57.8%	7,905	-3.7%	-7.4%	54.3%
Single Stocks	11,184	-10.9%	-20%	28.8%	5,254	-5.8%	-14.0%	36.1%
Commodities	3,157	-49%	-39%	8.1%	949	-19.2%	-30.6%	6.5%
Fund	925	-11.8%	-60%	2.4%	97	-9.9%	-37.7%	0.7%
Leveraged Indices	658	130%	-45%	1.7%	132	-0.6%	-60.0%	0.9%
Currencies	253	-46%	-46%	0.7%	157	-26.6%	-23.3%	1.1%
Leveraged Commodities	136	107%	-19.6%	0.3%	33	-25.4%	-56.2%	0.2%
Basket	32	-12.7%	-53%	0.1%	2.6	18.8%	-3.1%	0.0%
Leveraged Stocks	25	-37%	25%	0.1%	12	-52.3%	-16.7%	0.1%
Equities	20	415%	-40%	0.1%	11	251.5%	504.3%	0.1%
Fixed Income	2	-52%	-95%	0.0%	4.0	-21.4%	-70.0%	0.0%
Commodity Indices	0	67%	194%	0.0%	0.4	300.0%	256.6%	0.0%
<b>Total</b>	<b>38,860</b>	<b>-13.7%</b>	<b>-22.9%</b>	<b>100%</b>	<b>14,558</b>	<b>-6.1%</b>	<b>-13.4%</b>	<b>100%</b>

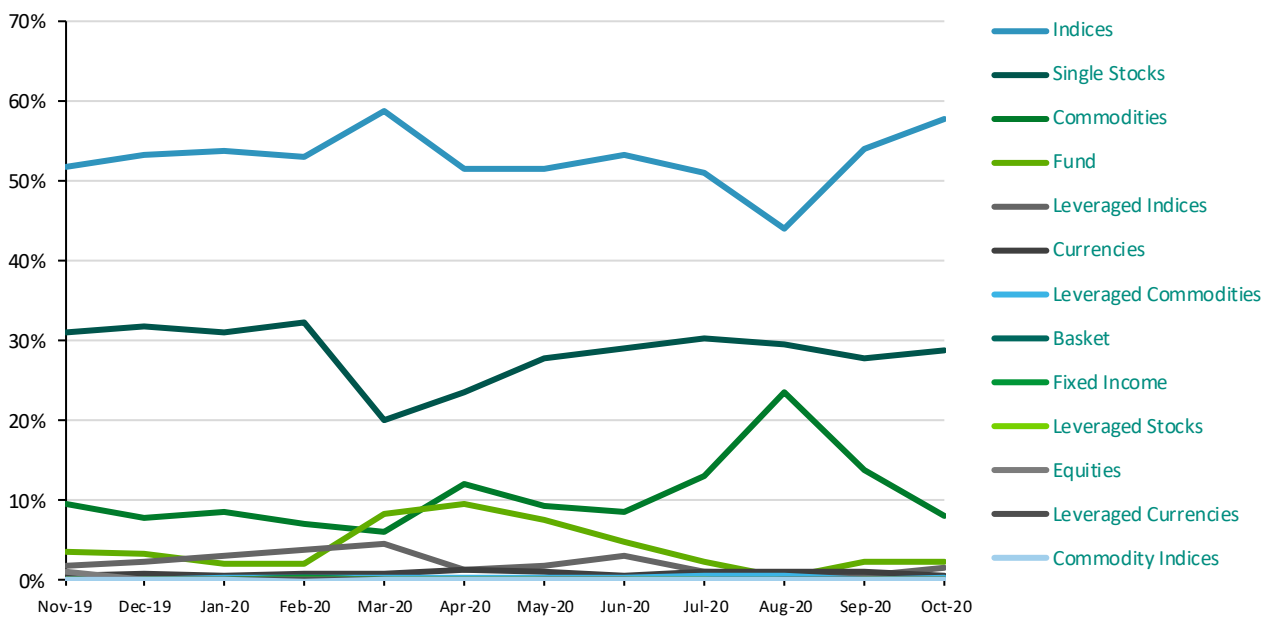
(Source Euronext)



# UNDERLYING TYPES

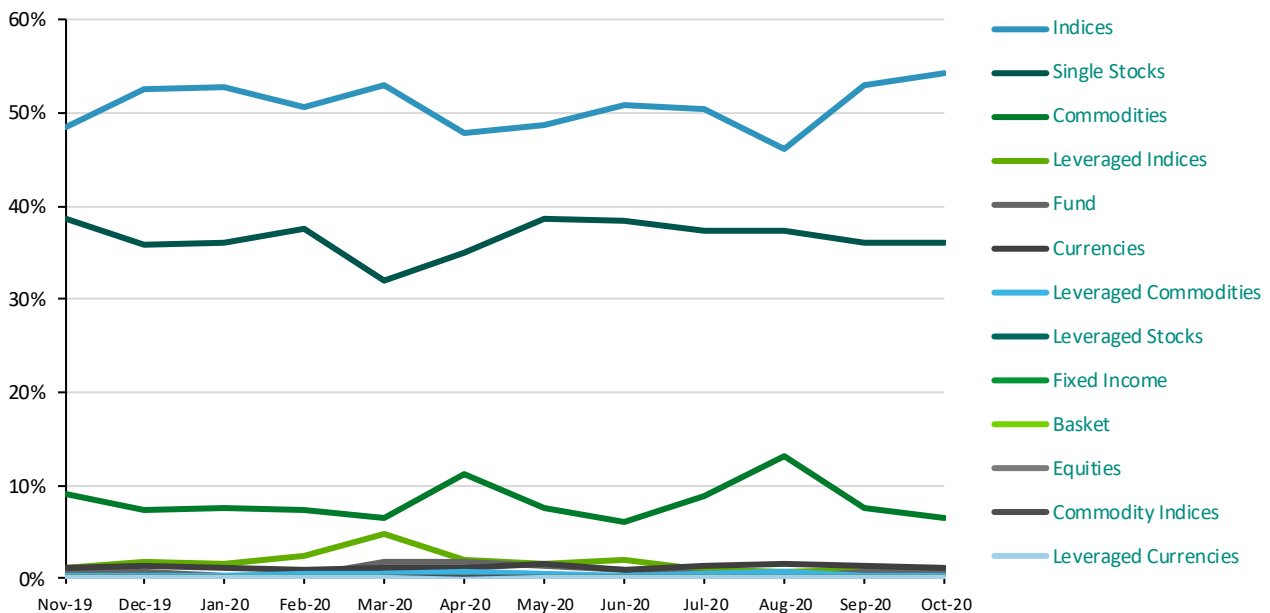
## Market Trend: Value traded

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

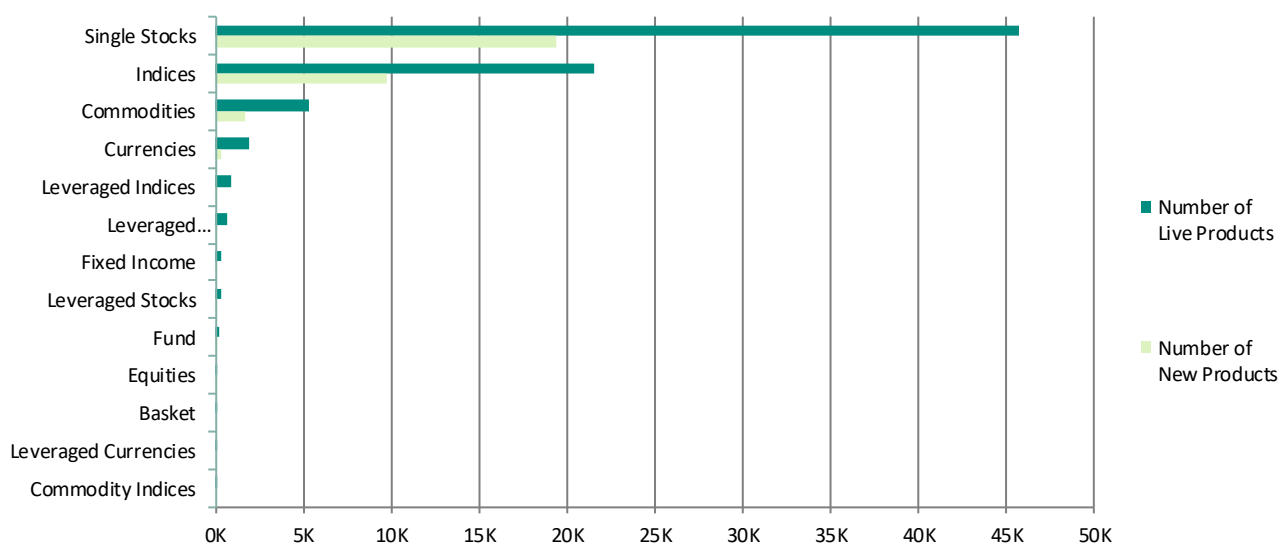
## Product Overview

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	45,711	-4.1%	-6.5%	59.4%	19,412	15.5%	-3.5%	61.8%
Indices	21,587	-6.1%	-4.9%	28.1%	9,796	3.0%	-18.9%	31.2%
Commodities	5,297	-5.0%	14.5%	6.9%	1,666	-8.3%	-17.3%	5.3%
Currencies	1,913	2.4%	3.9%	2.5%	255	-39%	-35%	0.8%
Leveraged Indices	909	4.7%	2.7%	1.2%	31	-52%	-78%	0.1%
Leveraged Commodities	640	18.7%	1.3%	0.8%	109	-2.7%	-33%	0.3%
Fixed Income	264	-3.4%	-10.4%	0.3%	7	0.0%	-64%	0.0%
Leveraged Stocks	260	49%	-1.9%	0.3%	68	-18.1%	52%	0.2%
Fund	223	1.3%	11.4%	0.3%	5	25%	-3.2%	0.0%
Equities	77	20%	244%	0.1%	37	-49%	93%	0.1%
Basket	19	-2.6%	-6.2%	0.0%	0		-100%	0.0%
Leveraged Currencies	17	0.0%	87%	0.0%	0		-100%	0.0%
Commodity Indices	1	0.0%	0.0%	0.0%	0			0.0%
<b>Total</b>	<b>76,919</b>	<b>-4.2%</b>	<b>-4.3%</b>	<b>100%</b>	<b>31,386</b>	<b>8.6%</b>	<b>-10.3%</b>	<b>100%</b>

(Source Euronext)

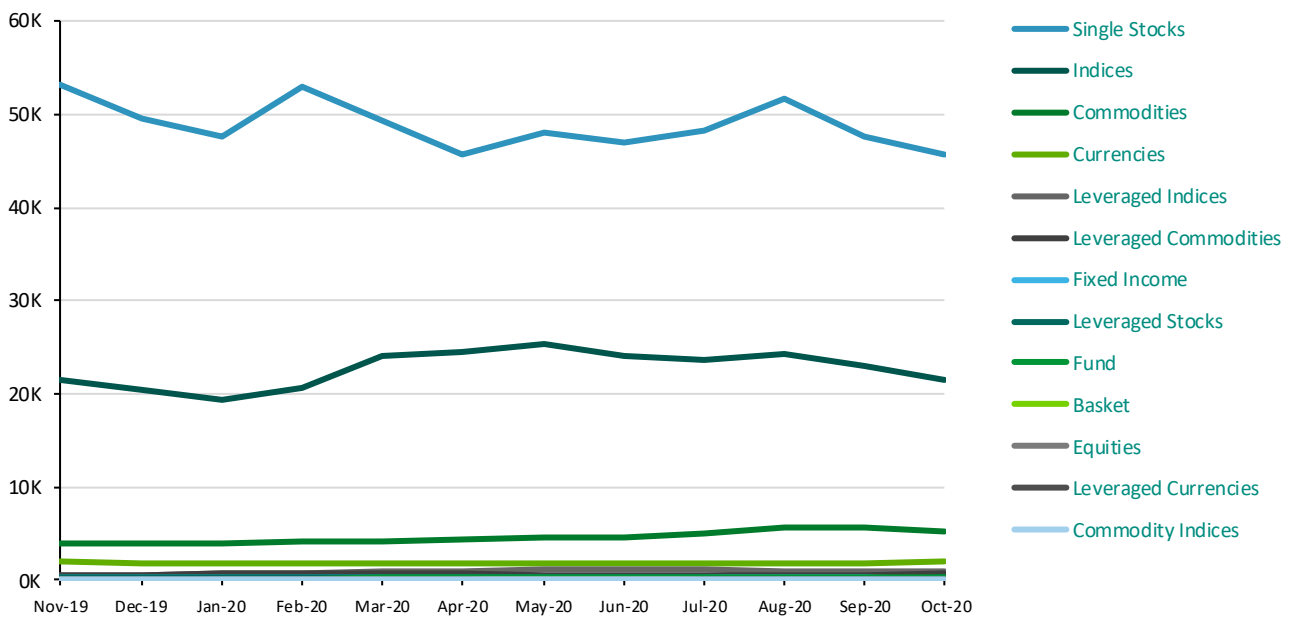




# UNDERLYING TYPES

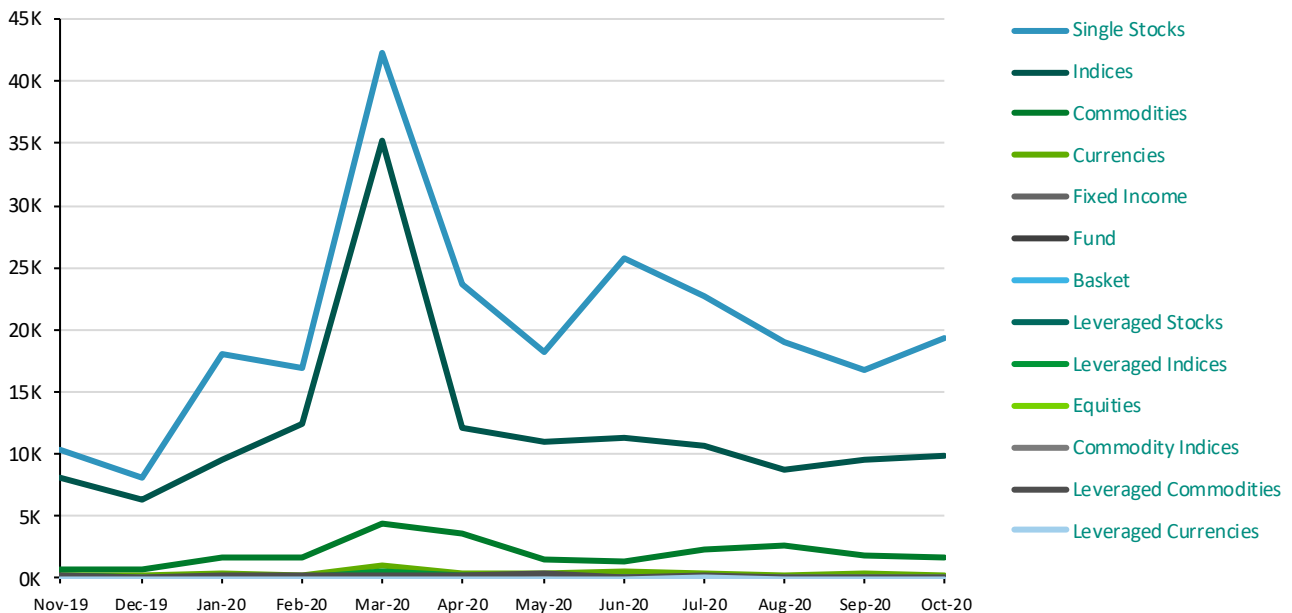
## Product Trend: Number of Live Products

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

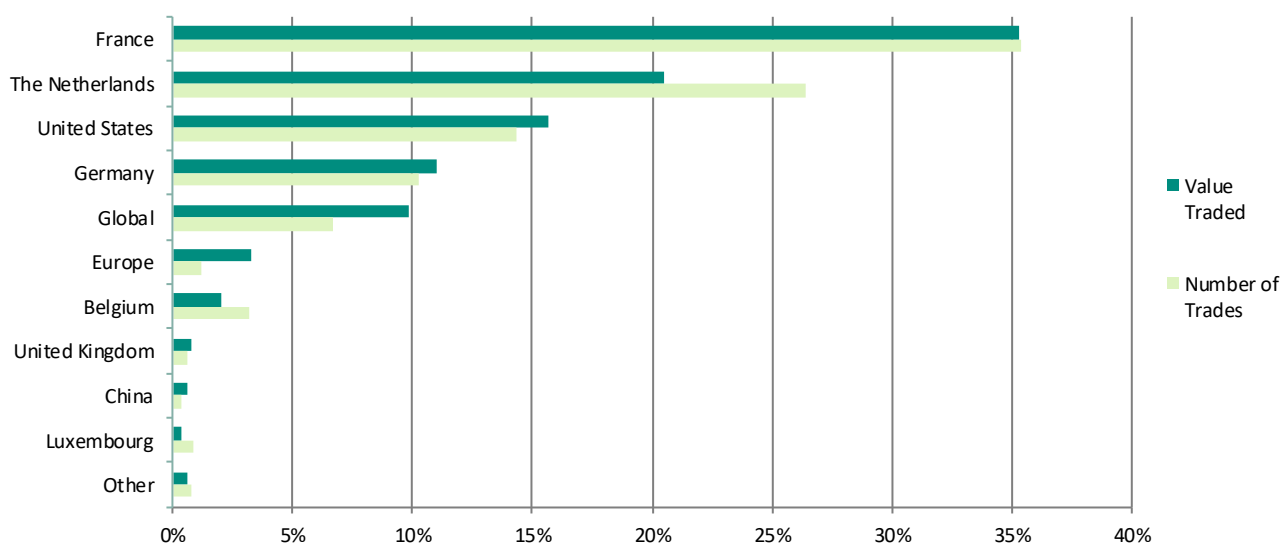
### Market Overview

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	13,740	-3.1%	4.5%	35.4%	5,158	-2.6%	1.0%	35.4%
The Netherlands	7,974	-7.6%	-28%	20.5%	3,850	2.6%	-19.4%	26.4%
United States	6,085	-23%	-30%	15.7%	2,083	-27%	-17.5%	14.3%
Germany	4,284	9.1%	-8.7%	11.0%	1,491	6.8%	-4.6%	10.2%
Global	3,830	-43%	-40%	9.9%	969	-19.4%	-33%	6.7%
Europe	1,279	-28%	-61%	3.3%	172	-10.4%	-42%	1.2%
Belgium	774	-18.1%	-57%	2.0%	461	4.4%	-24%	3.2%
United Kingdom	283	-22%	-19.7%	0.7%	82	-3.8%	-21%	0.6%
China	226	143%	146%	0.6%	55	96%	113%	0.4%
Luxembourg	142	-40%	-70%	0.4%	125	4.6%	-39%	0.9%
Other	244	-12.4%	-52%	0.6%	112	-7.8%	-28%	0.8%
<b>Total</b>	<b>38,860</b>	<b>-13.7%</b>	<b>-22.9%</b>	<b>100%</b>	<b>14,558</b>	<b>-6.1%</b>	<b>-13.4%</b>	<b>100%</b>

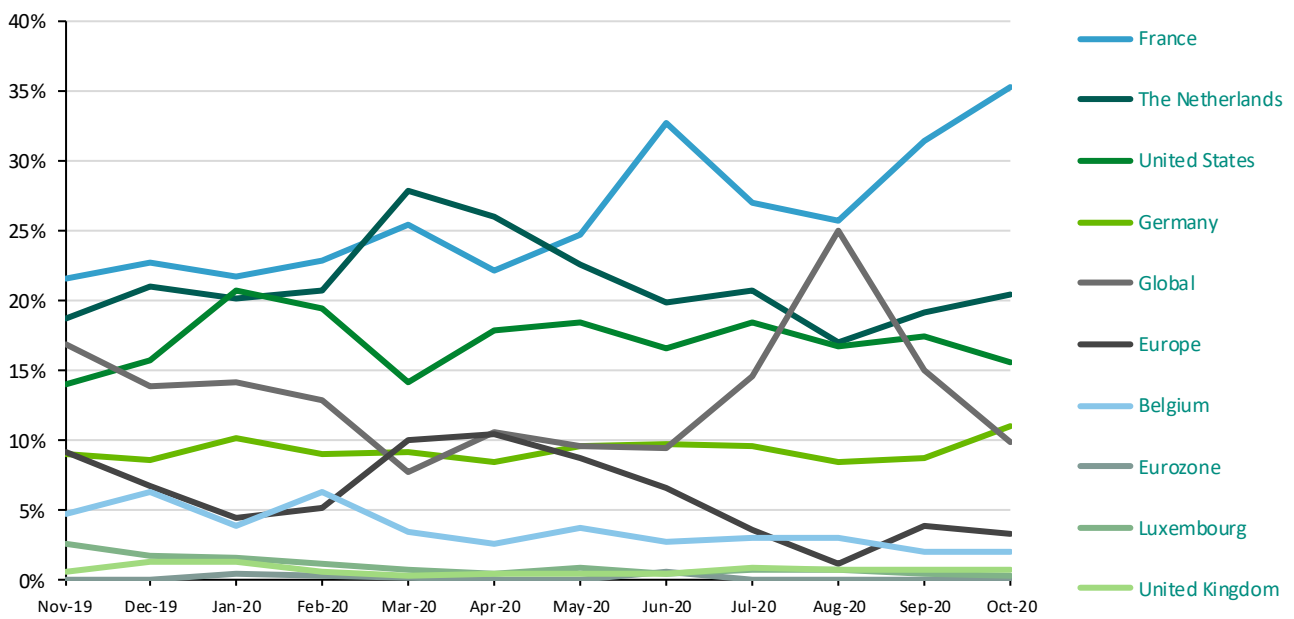
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

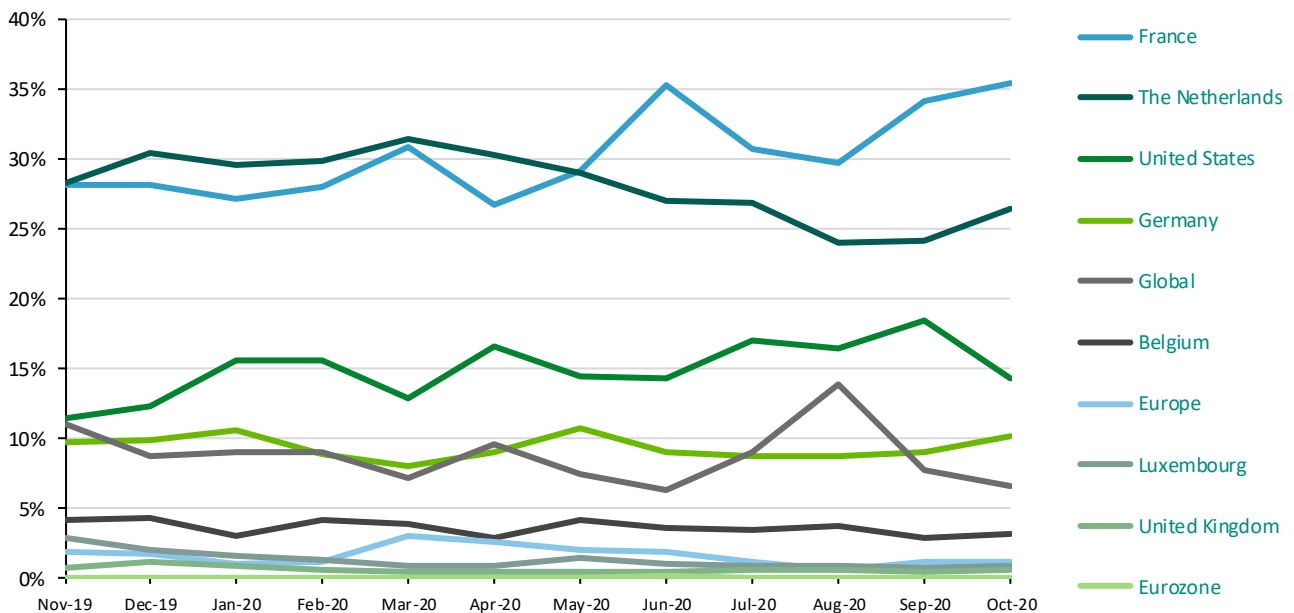
## Market Trend: Value traded

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

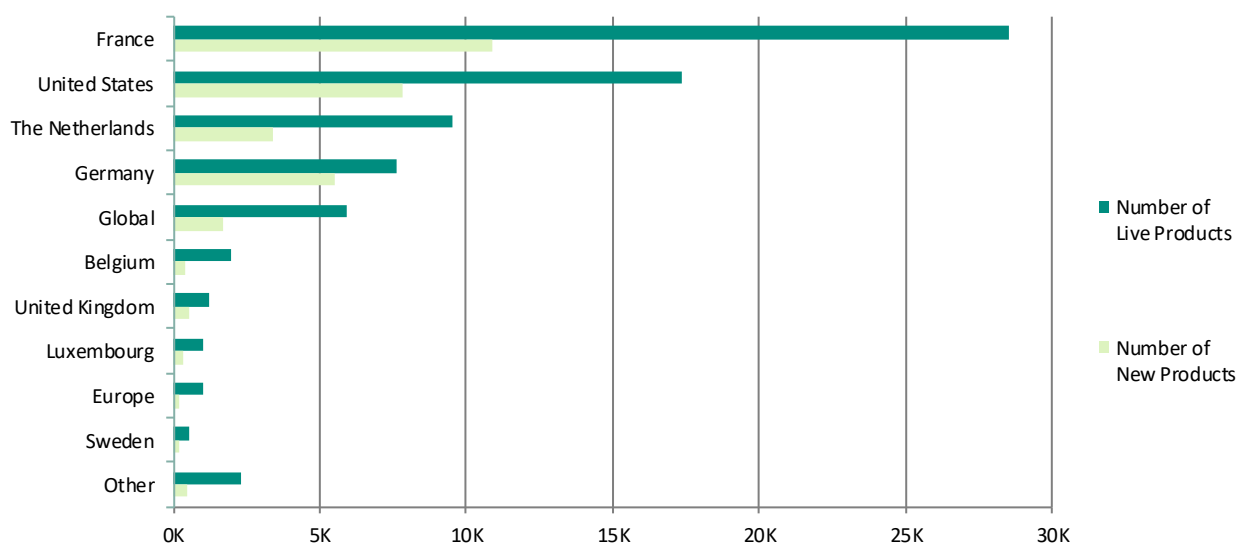
### Product Overview

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	28,522	-7.2%	-14.0%	37.1%	10,895	18.0%	-16.2%	34.7%
United States	17,363	0.2%	8.3%	22.6%	7,854	-19.7%	-4.0%	25.0%
The Netherlands	9,547	-5.9%	-2.3%	12.4%	3,385	8.5%	-24%	10.8%
Germany	7,587	-4.4%	1.2%	9.9%	5,536	75%	19.1%	17.6%
Global	5,939	-1.8%	7.2%	7.7%	1,698	-5.7%	-15.9%	5.4%
Belgium	1,935	-5.6%	-9.4%	2.5%	407	-11.1%	-43%	1.3%
United Kingdom	1,207	5.3%	8.4%	1.6%	500	42%	33%	1.6%
Luxembourg	1,028	-4.8%	-13.2%	1.3%	325	-10.5%	-41%	1.0%
Europe	973	2.2%	-3.5%	1.3%	173	18.5%	-39%	0.6%
Sweden	527	-8.8%	3.7%	0.7%	177	26%	-15.6%	0.6%
Other	2,292	0.1%	-4.2%	3.0%	436	26%	-21%	1.4%
<b>Total</b>	<b>76,919</b>	<b>-4.2%</b>	<b>-4.3%</b>	<b>100%</b>	<b>31,386</b>	<b>8.6%</b>	<b>-10.3%</b>	<b>100%</b>

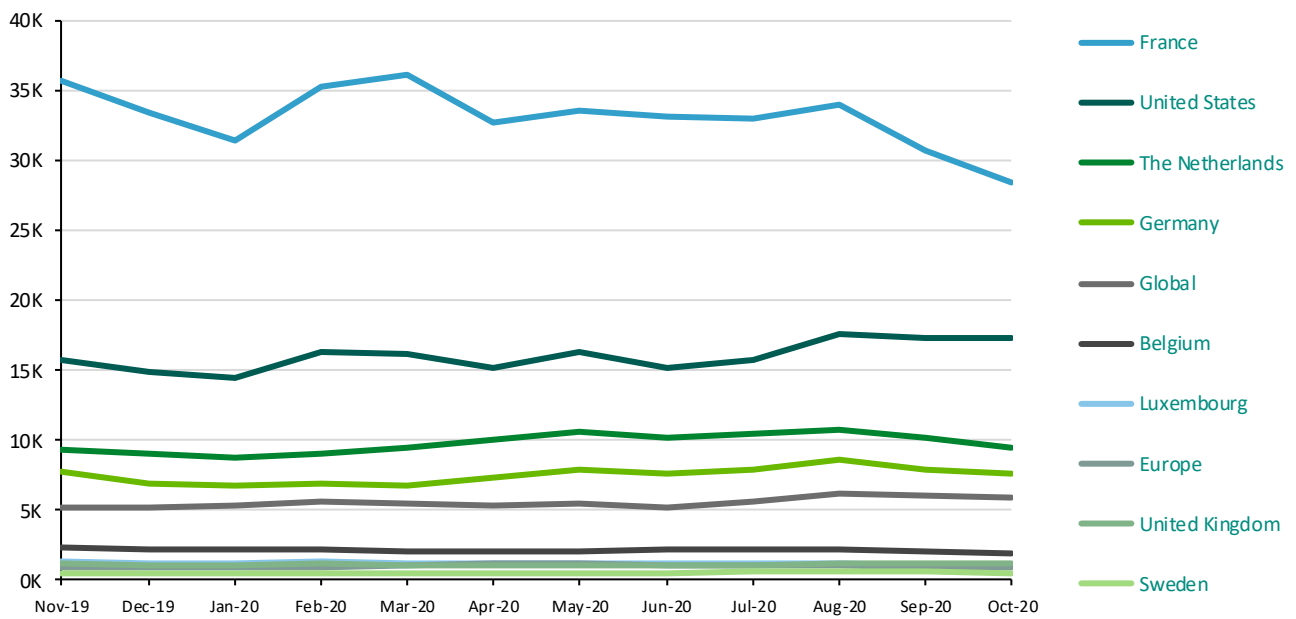
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

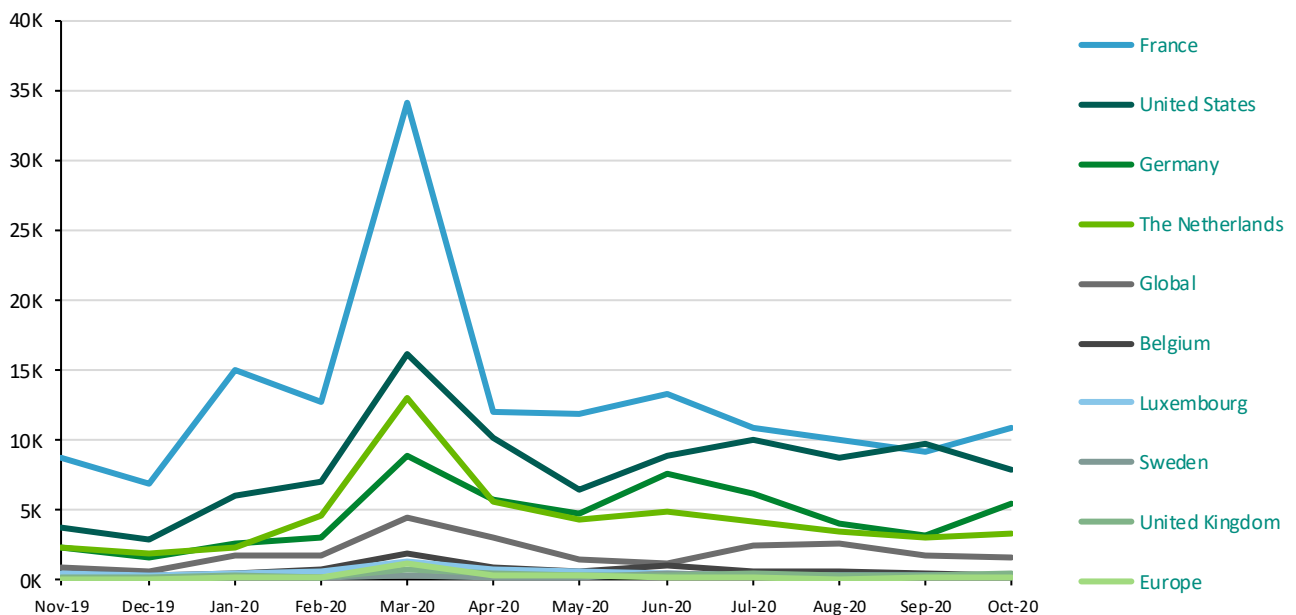
## Product Trend: Number of Live Products

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

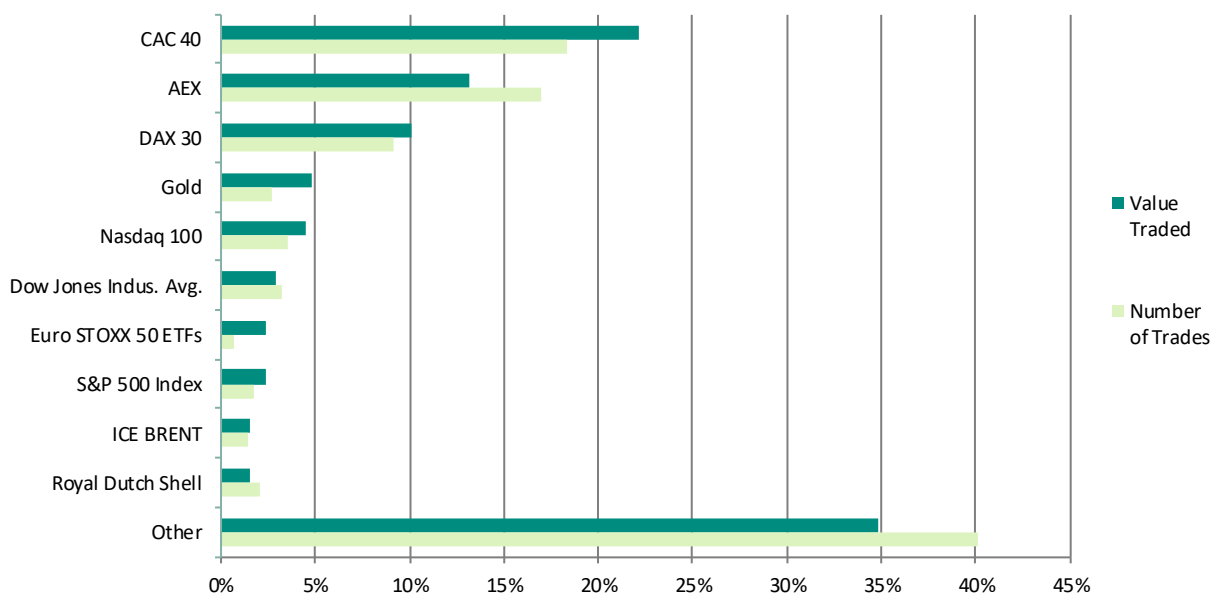
## Market Overview

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	8,591	-0.3%	25%	22.1%	2,665	1.2%	13.3%	18.3%
AEX	5,100	-18.3%	-33%	13.1%	2,466	-4.4%	-18.8%	16.9%
DAX 30	3,904	4.9%	-8.6%	10.0%	1,334	4.3%	-3.7%	9.2%
Gold	1,875	-39%	-24%	4.8%	397	-23%	-17.1%	2.7%
Nasdaq 100	1,726	-13.3%	5.2%	4.4%	521	-33%	-0.2%	3.6%
Dow Jones Indus. Avg.	1,110	2.7%	-39%	2.9%	473	6.1%	-0.7%	3.2%
Euro STOXX 50 ETFs	924	-11.8%	-60%	2.4%	97	-10.0%	-38%	0.7%
S&P 500 Index	918	-19.0%	-56%	2.4%	252	-8.6%	-40%	1.7%
ICE BRENT	586	-0.8%	-50%	1.5%	207	9.0%	-48%	1.4%
Royal Dutch Shell	580	30%	20%	1.5%	306	34%	18.6%	2.1%
Other	13,546	-21%	-31%	34.9%	5,842	-9.7%	-20%	40.1%
<b>Total</b>	<b>38,860</b>	<b>-13.7%</b>	<b>-22.9%</b>	<b>100%</b>	<b>14,558</b>	<b>-6.1%</b>	<b>-13.4%</b>	<b>100%</b>

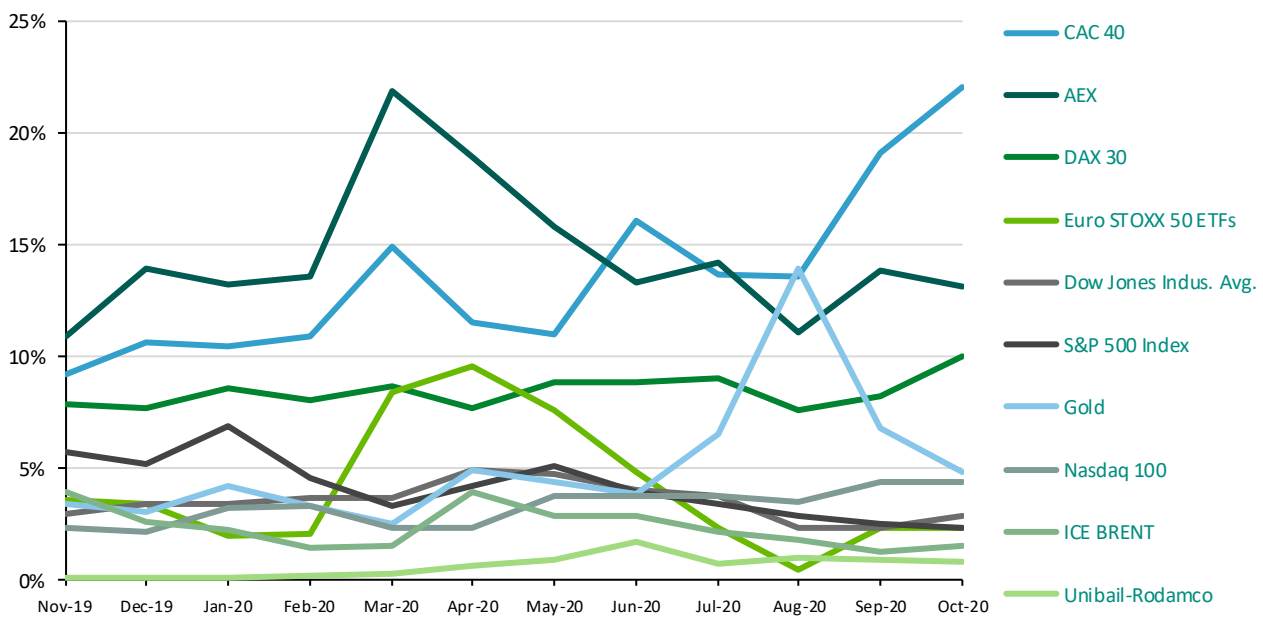
(Source Euronext)



# TOP 10 UNDERLYINGS

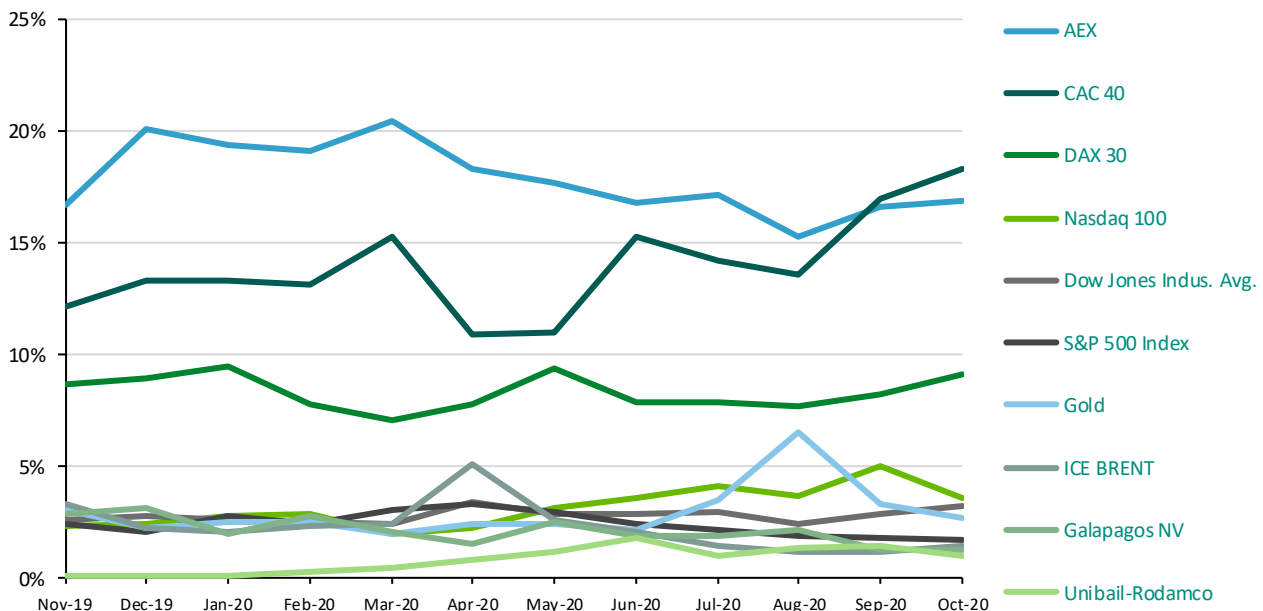
## Market Trend: Value traded

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

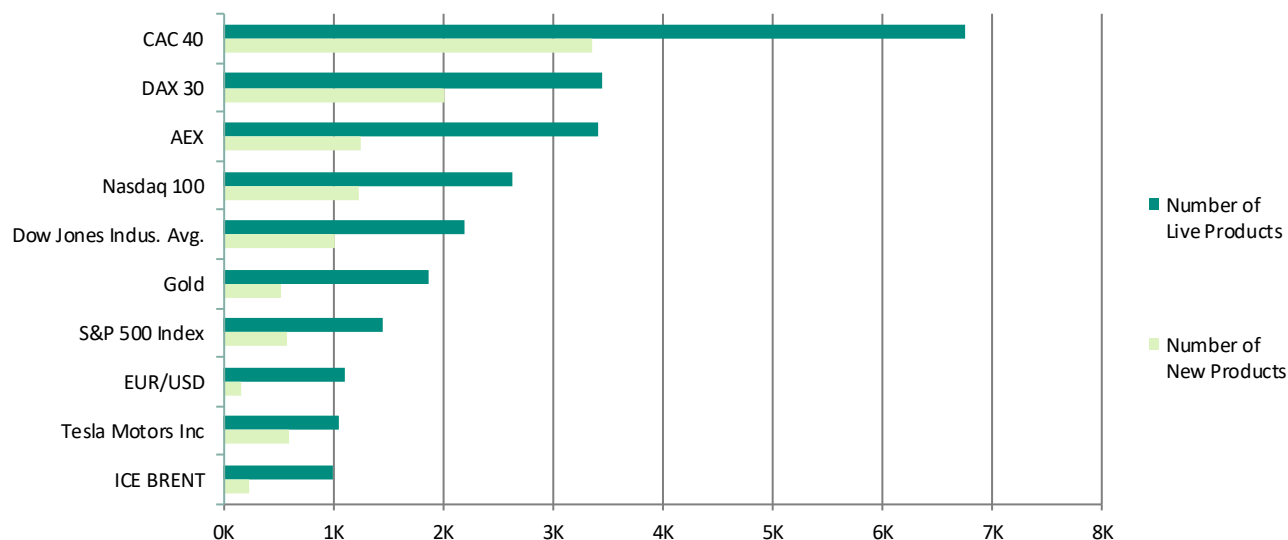
## Product Overview

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	6,757	-7.8%	-12.0%	8.8%	3,349	13.4%	-25%	10.7%
DAX 30	3,446	-9.9%	-8.7%	4.5%	2,007	31%	-4.0%	6.4%
AEX	3,412	-5.4%	0.5%	4.4%	1,247	2.0%	-29%	4.0%
Nasdaq 100	2,636	-3.0%	15.0%	3.4%	1,235	-34%	-8.1%	3.9%
Dow Jones Indus. Avg.	2,187	-7.5%	-4.6%	2.8%	1,006	-3.2%	-24%	3.2%
Gold	1,871	-6.6%	16.4%	2.4%	517	4.2%	-0.5%	1.6%
S&P 500 Index	1,444	-2.1%	-0.2%	1.9%	579	-9.1%	-9.7%	1.8%
EUR/USD	1,108	-6.9%	2.4%	1.4%	168	-21%	-40%	0.5%
Tesla Motors Inc	1,045	-9.8%	-4.1%	1.4%	597	-60%	-32%	1.9%
ICE BRENT	999	-3.2%	6.5%	1.3%	237	-16.8%	-49%	0.8%
Other	52,013	-2.9%	-5.0%	67.6%	20,444	19.0%	-3.8%	65.1%
<b>Total</b>	<b>76,919</b>	<b>-4.2%</b>	<b>-4.3%</b>	<b>100%</b>	<b>31,386</b>	<b>8.6%</b>	<b>-10.3%</b>	<b>100%</b>

(Source Euronext)

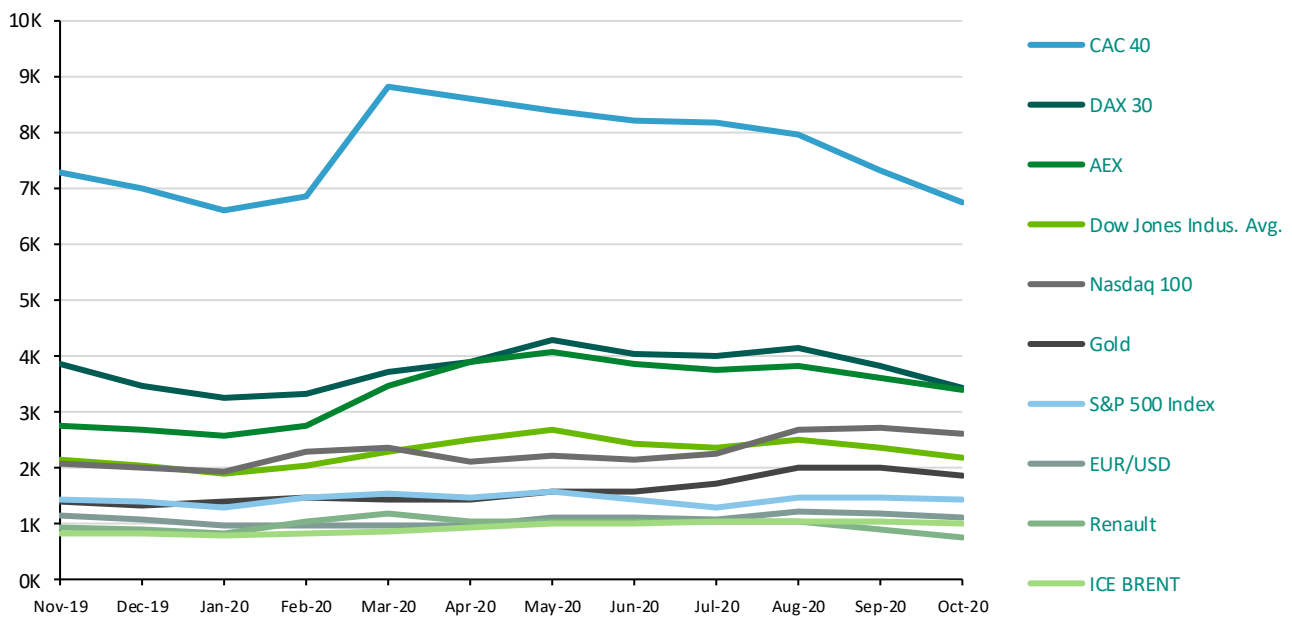




# TOP 10 UNDERLYINGS

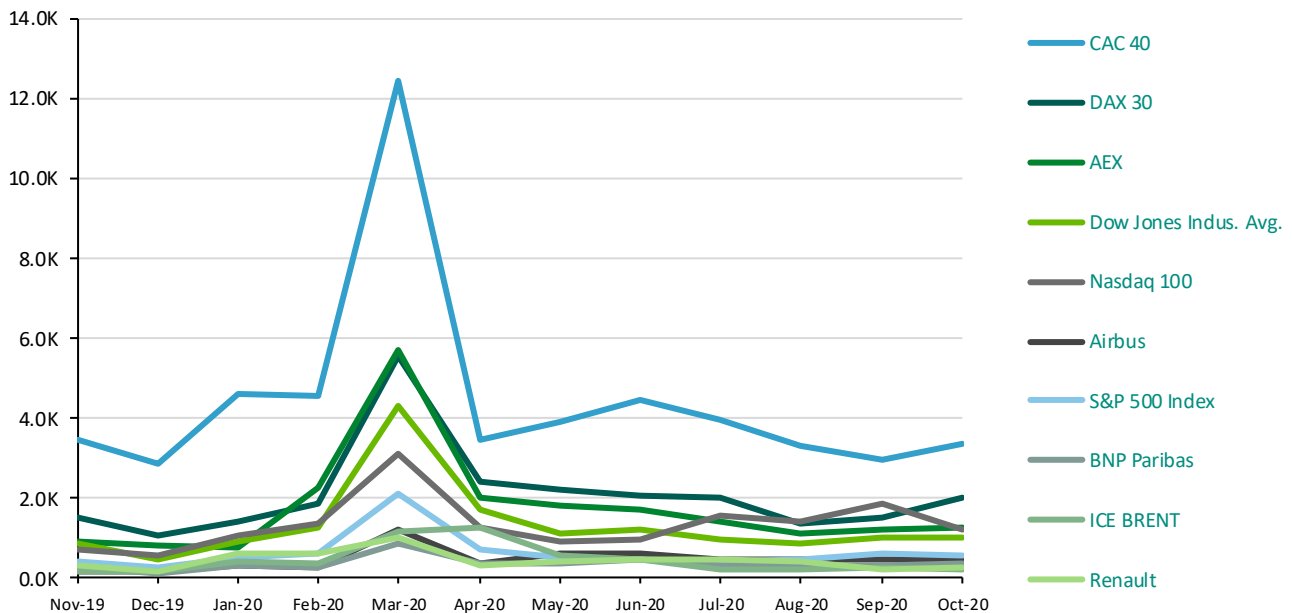
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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	
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	12,651	100
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	11,247	667
NL0015285891	ING	2100	Warrants	Euro STOXX 50 ETFs	9,153	1,708
NLBNPFR10R99	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	9,045	35
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	8,853	545
NLBNPNL10RA3	BNP Paribas	2210	Mini-Futures	AEX	6,479	244
FRBNPP01O9C1	BNP Paribas	2210	Mini-Futures	CAC 40	5,549	203
NL0015450321	BNP Paribas	2210	Mini-Futures	Gold	4,781	214
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	4,518	412
FRBNPP01R575	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	4,076	862
DE000SB2EJL2	Société Générale	2300	Constant Leverage Certificate	CAC 40	3,540	654
NL0014597551	BNP Paribas	2100	Warrants	CAC 40	3,237	184
FRBNPP01R567	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,963	771
DE000CL49EN0	Société Générale	2100	Warrants	CAC 40	2,938	199
NL0015456815	BNP Paribas	2210	Mini-Futures	DAX 30	2,891	186
FRBNPP01MND1	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,787	241
FRBNPP01UID4	BNP Paribas	2200	Knock-Out Warrants	DAX 30	2,774	71
FRBNPP01JQV2	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,693	211
DE000KB2KTJ0	Citi	2300	Constant Leverage Certificate	CAC 40 x15 Short Index	2,639	125
NL0014602518	BNP Paribas	2100	Warrants	CAC 40	2,564	173
FRBNPP01WQ54	BNP Paribas	2210	Mini-Futures	CAC 40	2,505	150
DE000CU6HZQ6	Société Générale	2210	Mini-Futures	Dow Jones Indus. Avg.	2,497	85
DE000SB2EJF4	Société Générale	2300	Constant Leverage Certificate	CAC 40	2,460	523
DE000VE22DJ2	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	2,409	581
DE000SB5AYL2	Société Générale	2210	Mini-Futures	Nasdaq 100	2,321	15
NL0015113325	BNP Paribas	2210	Mini-Futures	AEX	2,280	351
DE000KB78ZU3	Citi	2205	Open-End Knock-Out Warrants	DAX 30	2,259	120
DE000KB78ZN8	Citi	2205	Open-End Knock-Out Warrants	DAX 30	2,186	63
NL0014840282	BNP Paribas	2205	Open-End Knock-Out Warrants	CAC 40	2,044	82
NLBNPNL10F40	BNP Paribas	2210	Mini-Futures	DAX 30	2,008	216
NLGS00006518	Goldman Sachs	2210	Mini-Futures	Fugro	1,958	129
DE000KB9C1Q4	Citi	2205	Open-End Knock-Out Warrants	DAX 30	1,943	40
NL0014168429	BNP Paribas	2100	Warrants	CAC 40	1,939	131
DE000VN99SS0	Vontobel	2205	Open-End Knock-Out Warrants	Apple Computer Inc.	1,856	36
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	1,843	141
DE000VP37995	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	1,837	411
DE000VN610B3	Vontobel	2300	Constant Leverage Certificate	Gold x12 Leverage Index	1,834	46
PTBCPZYM0047	BCP	1300	Tracker Certificates	NASDAQ-100 Notional Net Tot	1,783	144
FRBNPP01FQW8	BNP Paribas	2210	Mini-Futures	CAC 40	1,754	91
NLBNPNL10DS5	BNP Paribas	2210	Mini-Futures	Gold	1,688	129
DE000SB5JH51	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	1,669	193
NLBNPNL10IB0	BNP Paribas	2210	Mini-Futures	AEX	1,659	475
NLGS00003YN3	Goldman Sachs	2205	Open-End Knock-Out Warrants	Silver	1,622	168
DE000KB3K9G4	Citi	2100	Warrants	Airbus	1,608	144
NLBNPNL10BZ4	BNP Paribas	2210	Mini-Futures	AEX	1,607	330
FRBNPP01OL18	BNP Paribas	2205	Open-End Knock-Out Warrants	ICE BRENT	1,594	74
NLBNPNL11EL6	BNP Paribas	2210	Mini-Futures	AEX	1,590	63
DE000CU6NWG2	Société Générale	2100	Warrants	CAC 40	1,563	136
FRBNPP01TPE9	BNP Paribas	2200	Knock-Out Warrants	CAC 40	1,561	116
DE000SB5JEN1	Société Générale	2205	Open-End Knock-Out Warrants	CAC 40	1,538	240

(Source Euronext)



# Euroclear Belgium Instruments

# ISSUERS

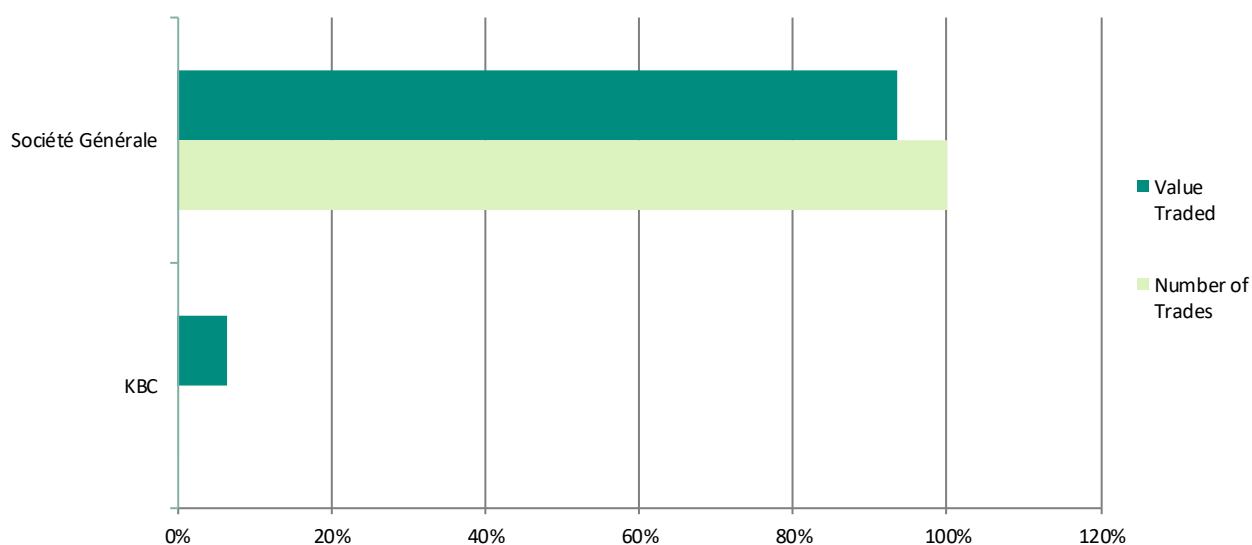
## Market Overview

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	454	-8.7%	33%	93.5%	245	-25.7%	40.2%	99.9%
KBC	32	-95%	-85%	6.5%	0.3	-94.4%	-80.2%	0.1%
Total	485	-54.8%	-32.0%	100%	246	-26.7%	-8.0%	100%

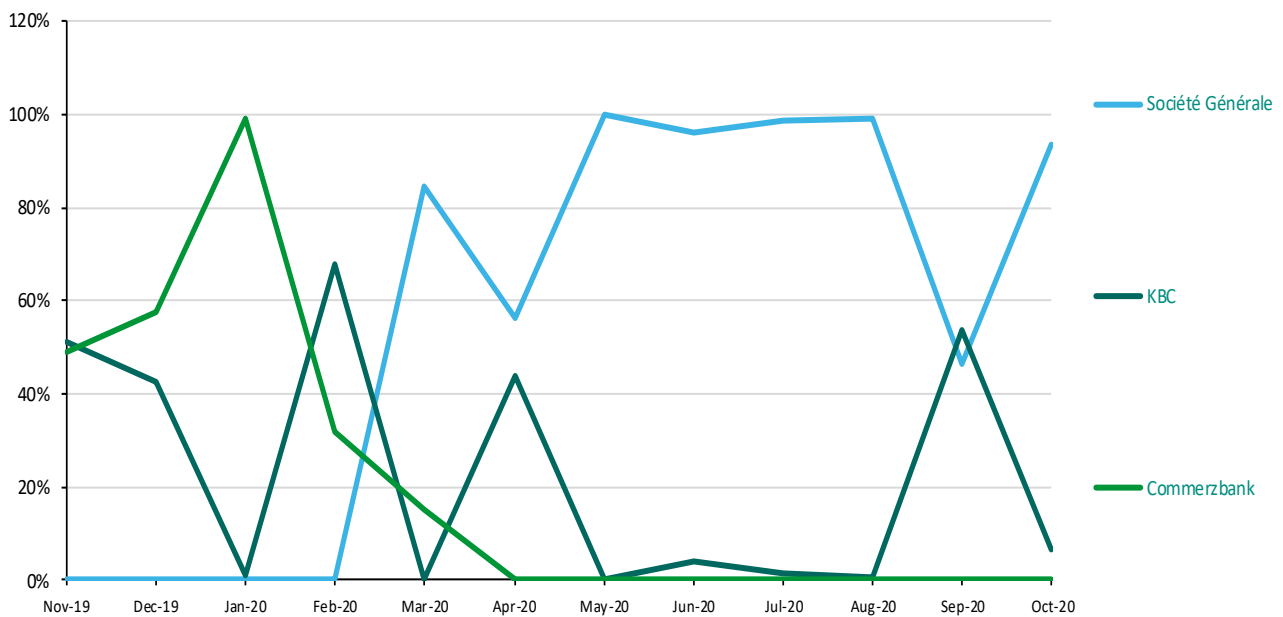
(Source Euronext)



# ISSUERS

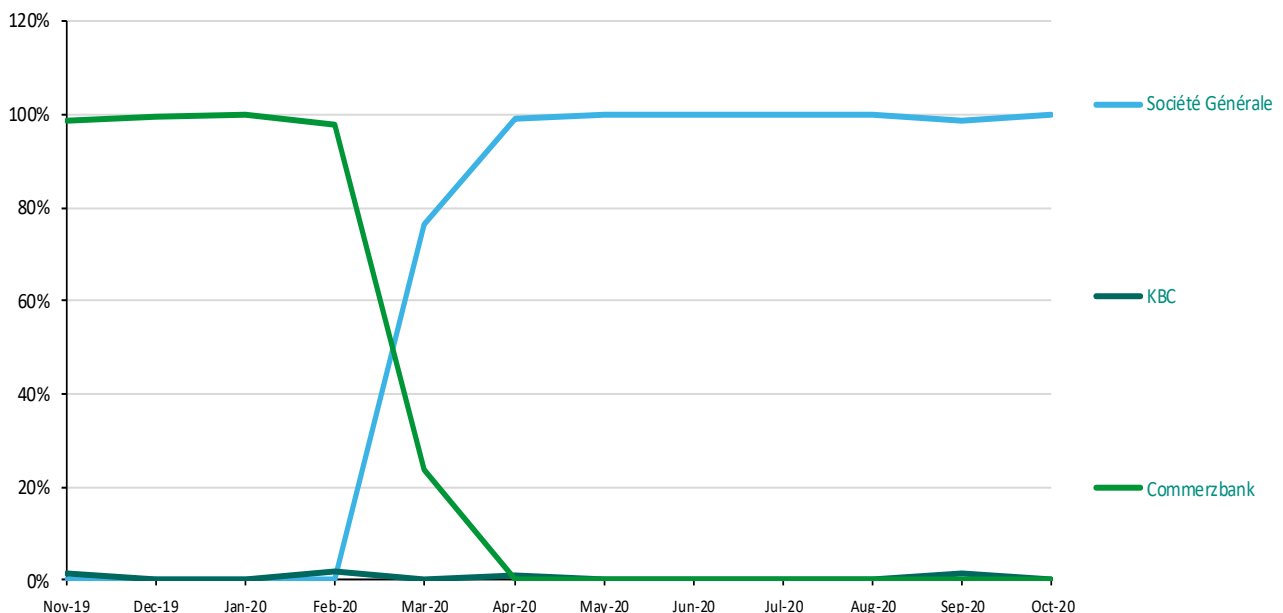
## Market Trend: Value traded

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

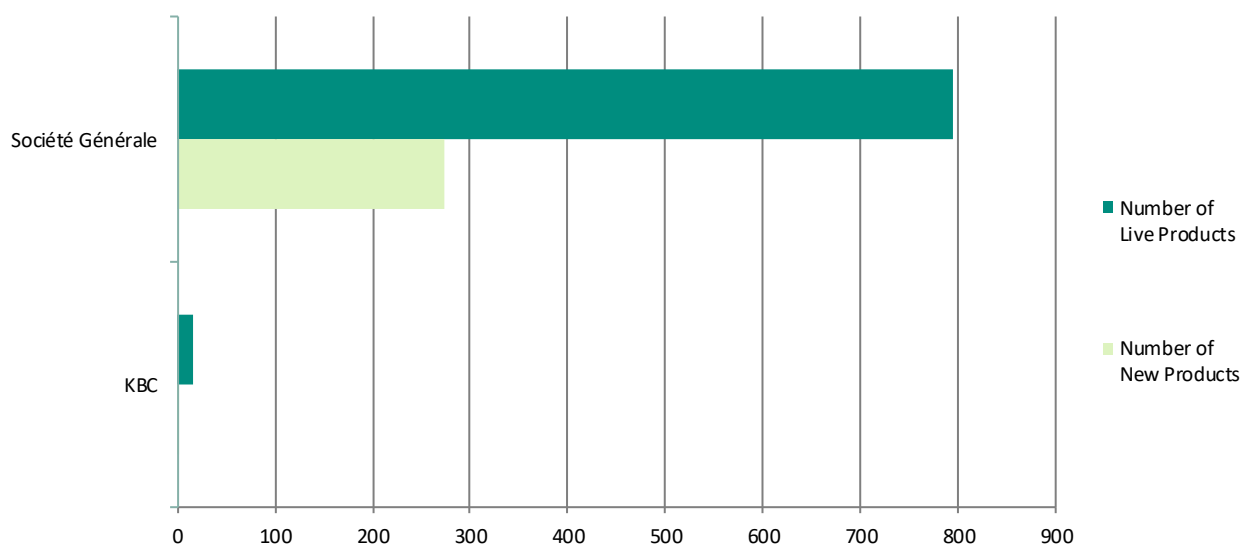
## Product Overview

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	795	-2.7%	61%	98.1%	273	-22%	-0.1%	99.6%
KBC	15	38%	-27%	1.9%	1	-80%	-45%	0.4%
Total	810	-2.1%	-1.4%	100%	274	-23.2%	-25.0%	100%

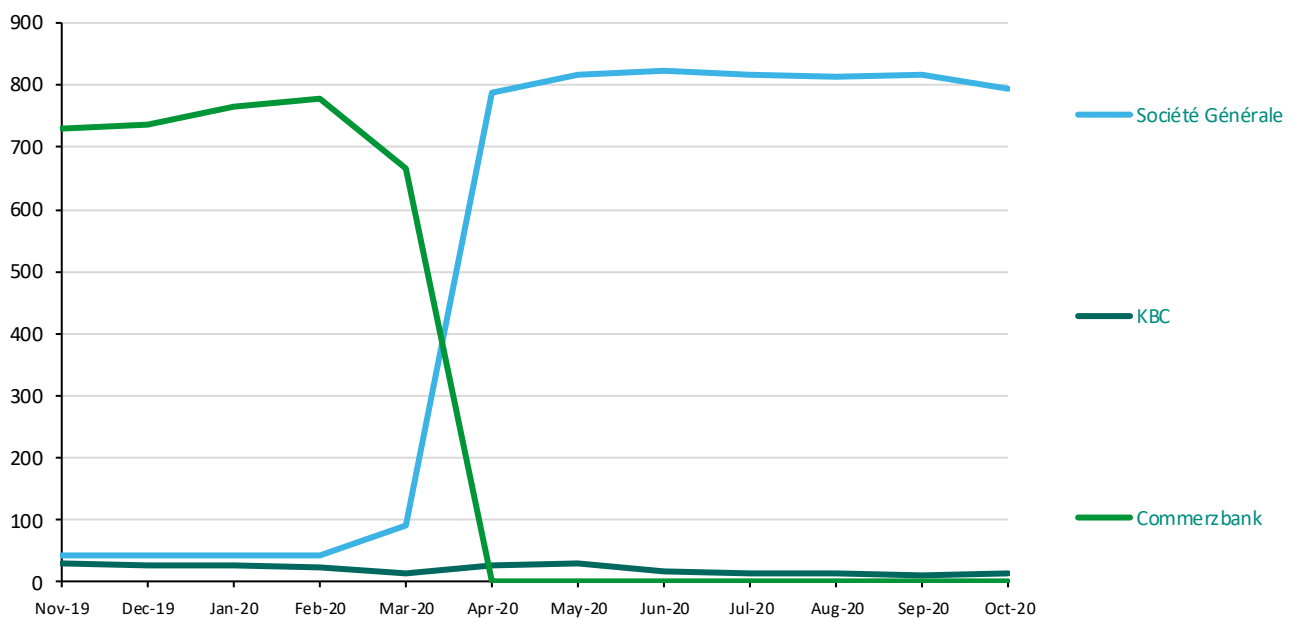
(Source Euronext)



# ISSUERS

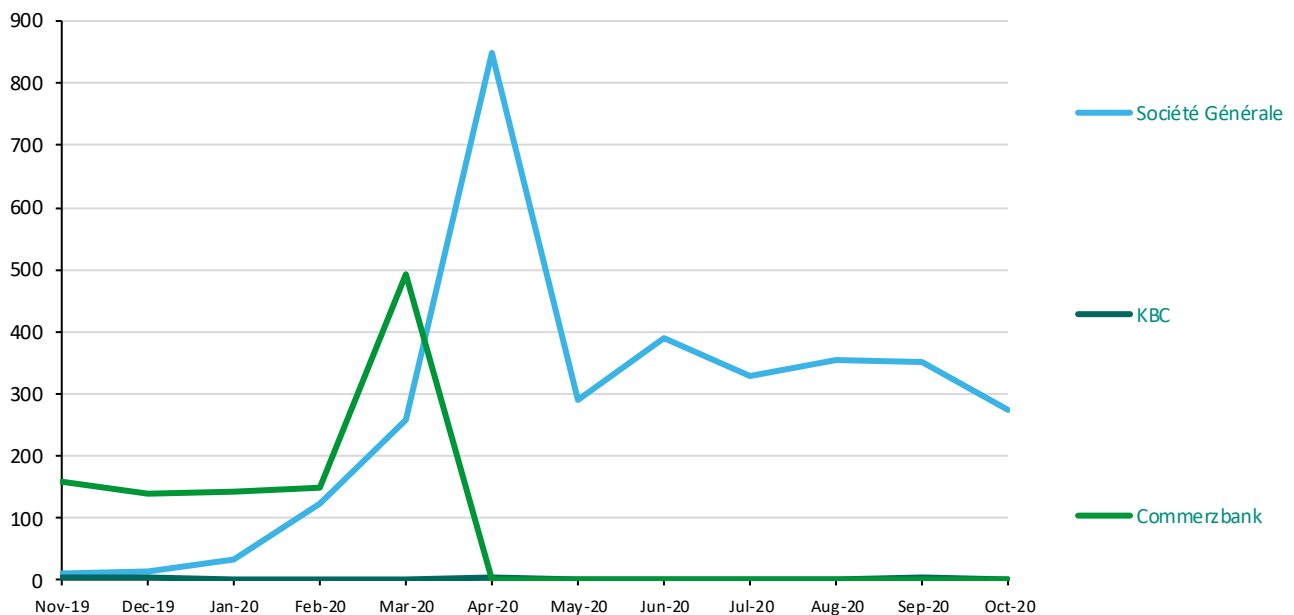
## Product Trend: Number of Live Products

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

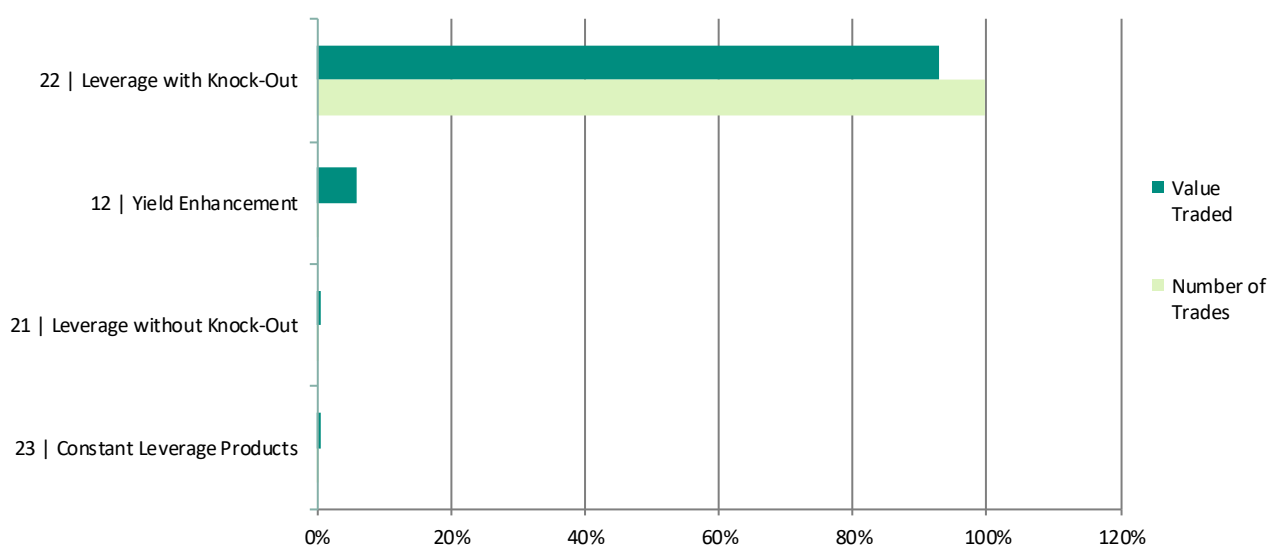
### Market Overview

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	451	-8.0%	-7.7%	93.0%	245	-25.1%	-4.7%	99.7%
12   Yield Enhancement	29	-95%	-86%	6.0%	0.2	-95.3%	-82.7%	0.1%
21   Leverage without Knock-Out	3		186%	0.6%	0.0		-27.6%	0.0%
23   Constant Leverage Products	2	-63%	-77%	0.5%	0.5	-85.5%	-94.8%	0.2%
<b>Total</b>	<b>485</b>	<b>-54.8%</b>	<b>-32.0%</b>	<b>100%</b>	<b>246</b>	<b>-26.7%</b>	<b>-8.0%</b>	<b>100%</b>

(Source Euronext)

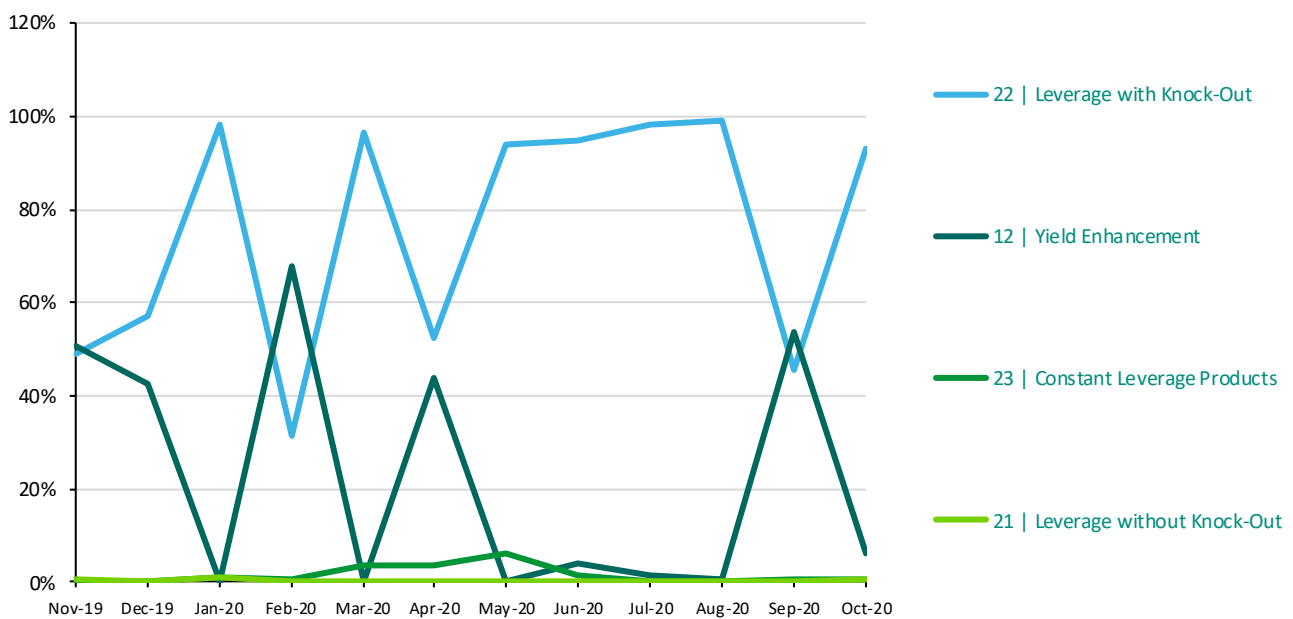




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

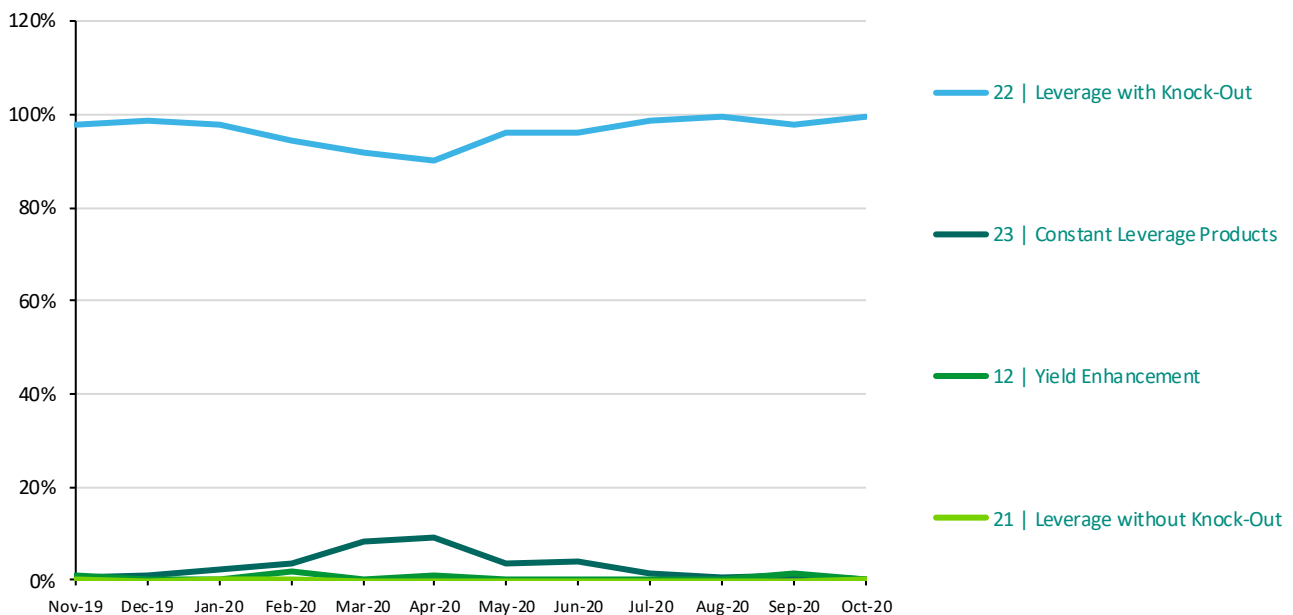
## Market Trend: Value traded

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

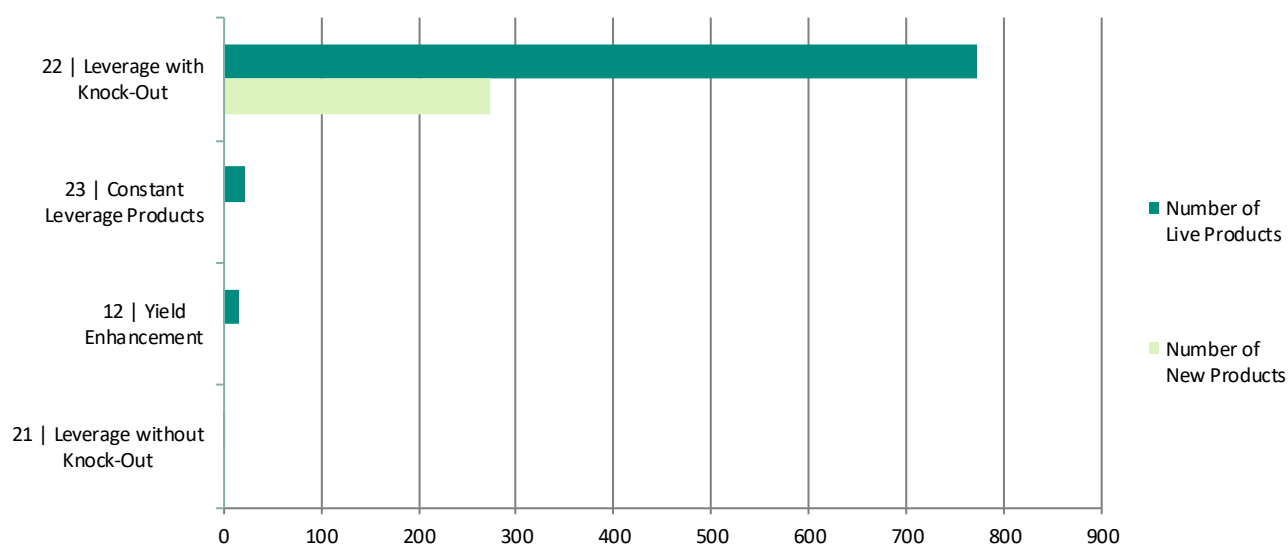
### Product Overview

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	773	-2.2%	7.4%	95.4%	273	-22%	-25%	99.6%
23   Constant Leverage Products	22	-15.9%	-73%	2.7%	0		-100%	0.0%
12   Yield Enhancement	15	37%	23%	1.9%	0	-100%	-100%	0.0%
21   Leverage without Knock-Out	0		-99%	0.0%	1	0.0%	0.0%	0.4%
<b>Total</b>	<b>810</b>	<b>-2.1%</b>	<b>-1.4%</b>	<b>100%</b>	<b>274</b>	<b>-23.2%</b>	<b>-25.0%</b>	<b>100%</b>

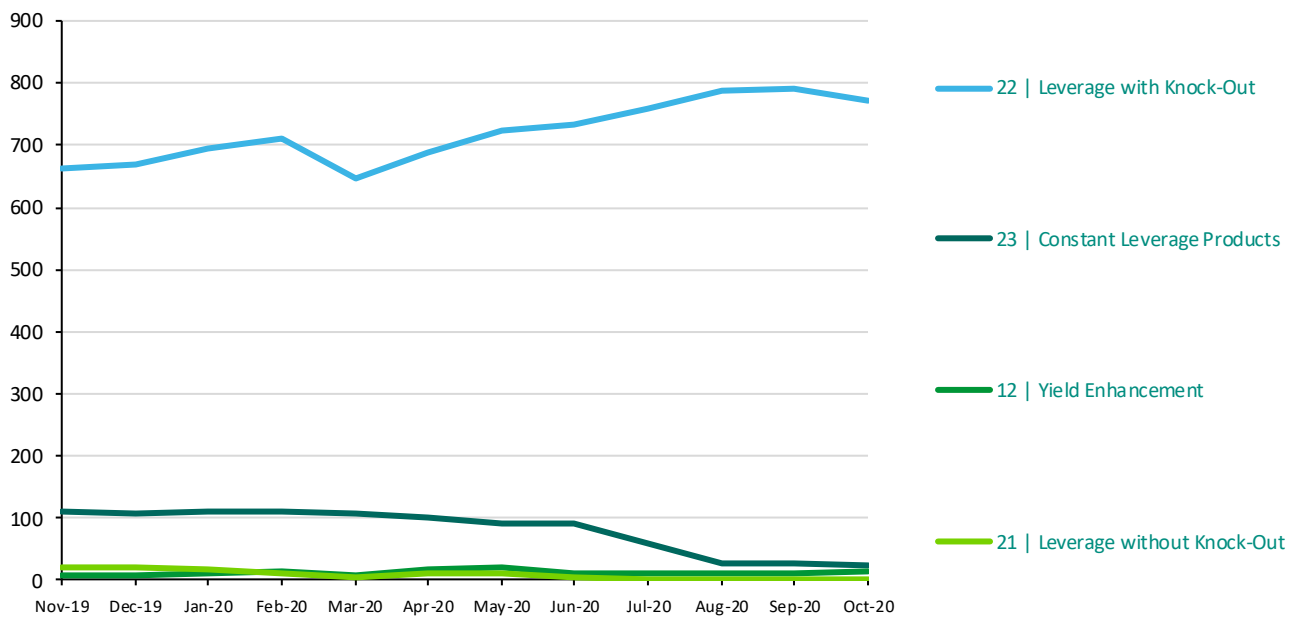
(Source Euronext)



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

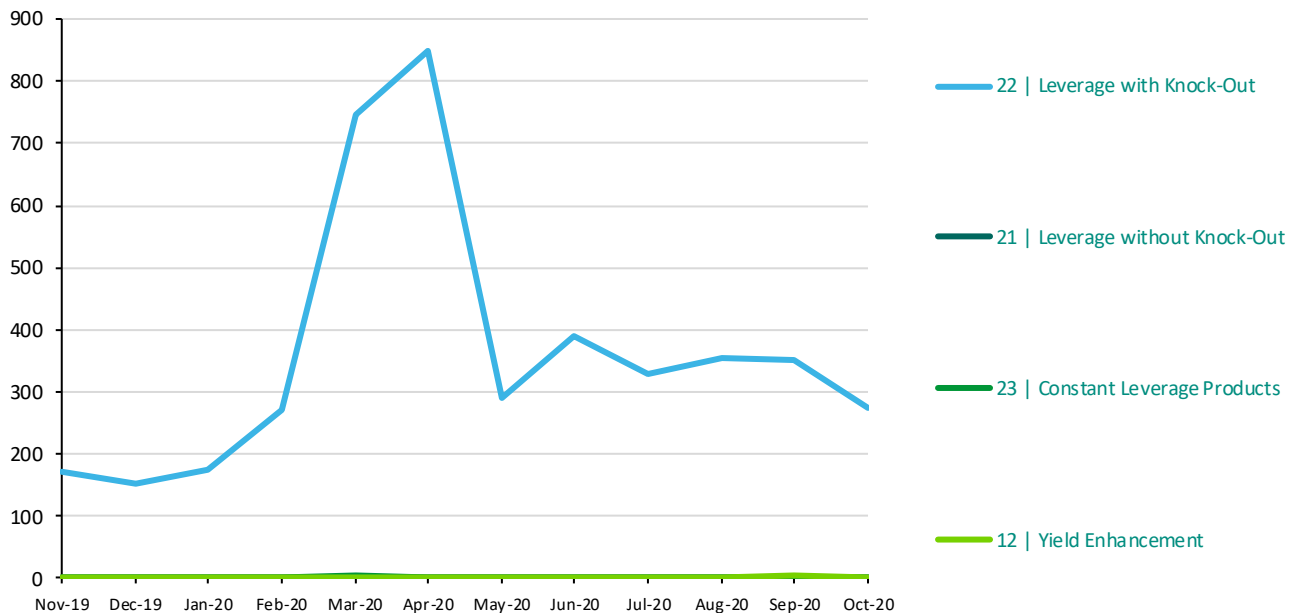
## Product Trend: Number of Live Products

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

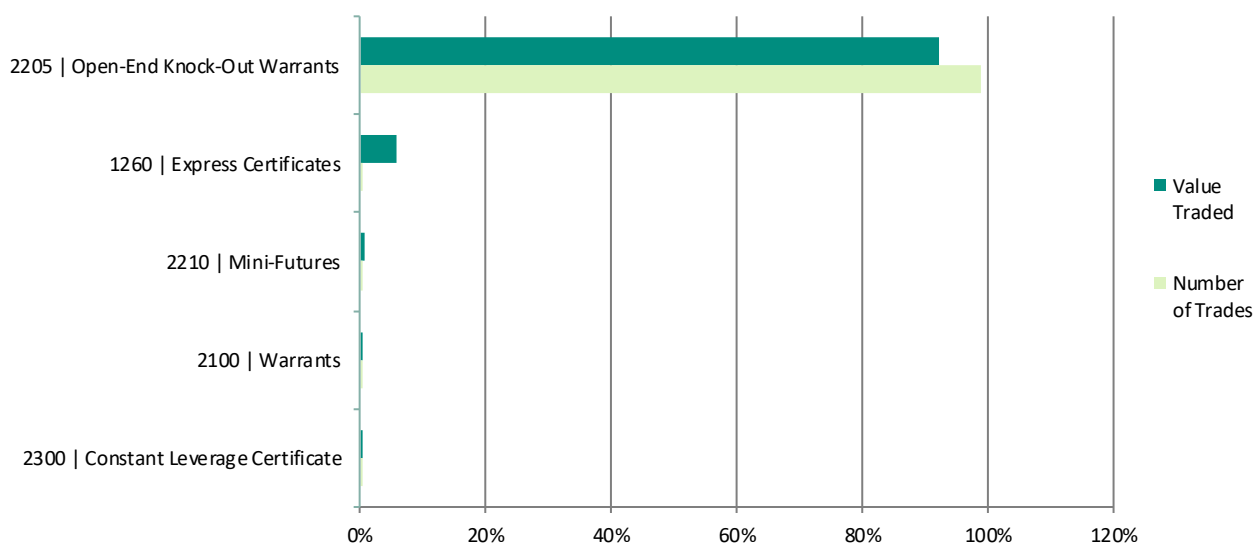
## Market Overview

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	448	-8.2%	-7.1%	92.4%	244	-25.0%	-4.3%	99.1%
1260   Express Certificates	29	-95%	-86%	6.0%	0.2	-95%	-83%	0.1%
2210   Mini-Futures	3	40%	-52%	0.7%	1.5	-42%	-43%	0.6%
2100   Warrants	3		186%	0.6%	0.0		-28%	0.0%
2300   Constant Leverage Certificate	2	-63%	-77%	0.5%	0.5	-86%	-95%	0.2%
<b>Total</b>	<b>485</b>	<b>-54.8%</b>	<b>-32.0%</b>	<b>100%</b>	<b>246</b>	<b>-26.7%</b>	<b>-8.0%</b>	<b>100%</b>

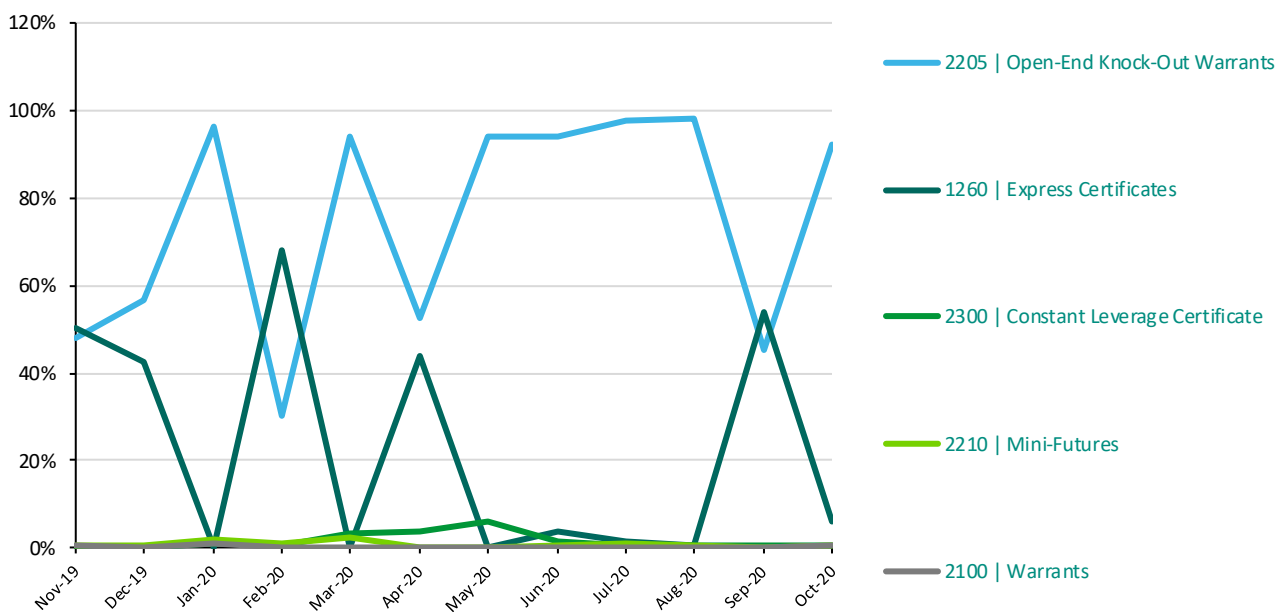
(Source Euronext)



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

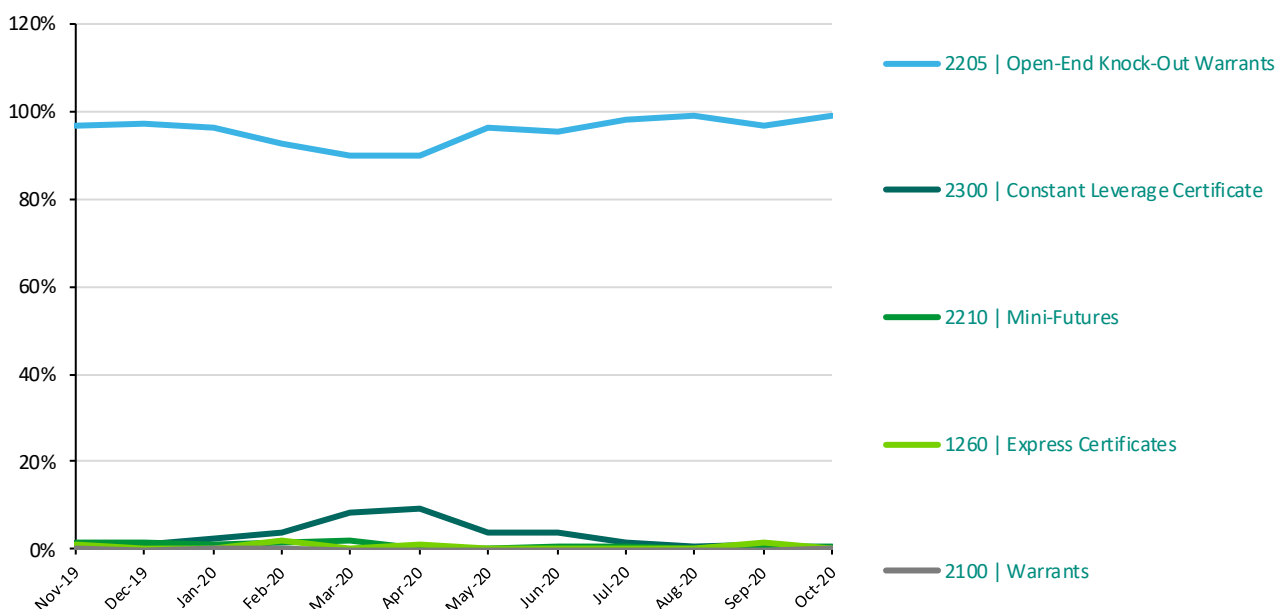
## Market Trend: Value traded

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

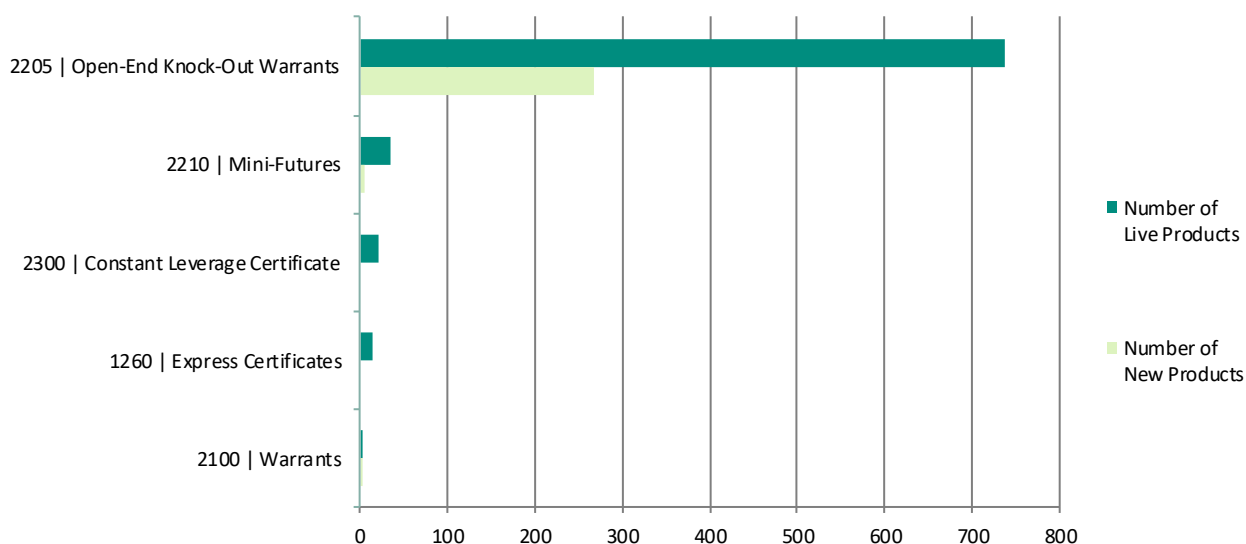
## Product Overview

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	737	-2.3%	9.2%	90.9%	268	-24%	-22%	97.8%
2210   Mini-Futures	36	-1.5%	-20%	4.4%	5	400%	-72%	1.8%
2300   Constant Leverage Certificate	22	-15.9%	-73%	2.7%	0		-100%	0.0%
1260   Express Certificates	15	37%	23%	1.9%	0	-100%	-100%	0.0%
2100   Warrants	0		-99%	0.0%	1	0.0%	0.0%	0.4%
<b>Total</b>	<b>810</b>	<b>-2.1%</b>	<b>-1.4%</b>	<b>100%</b>	<b>274</b>	<b>-23.2%</b>	<b>-25.0%</b>	<b>100%</b>

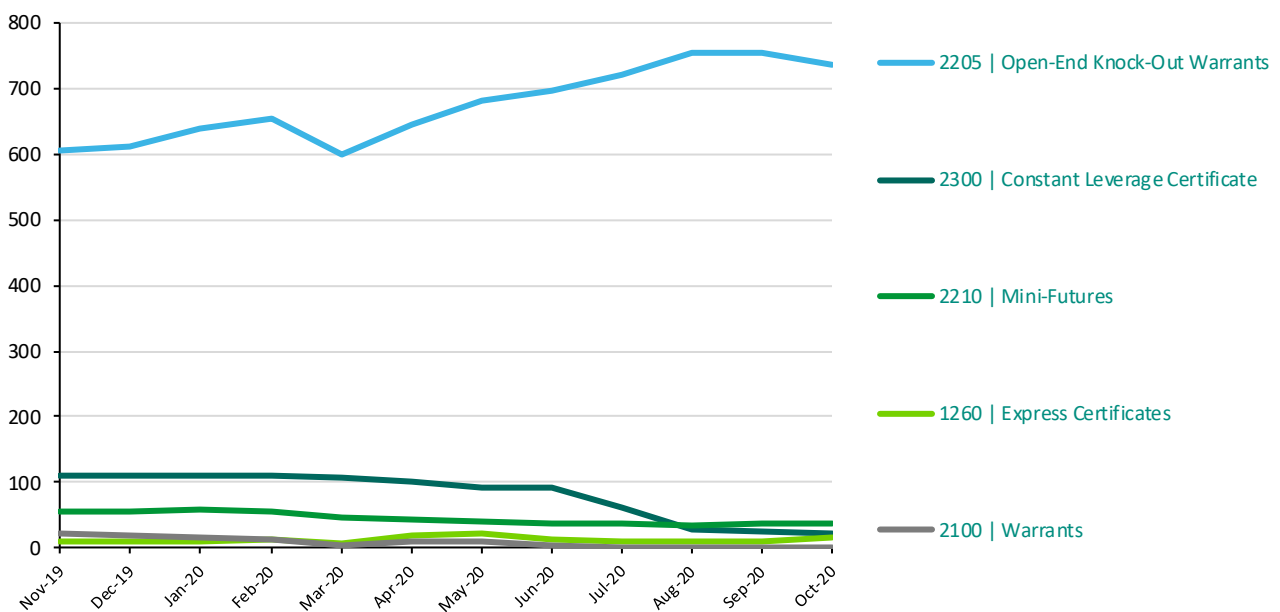
(Source Euronext)



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

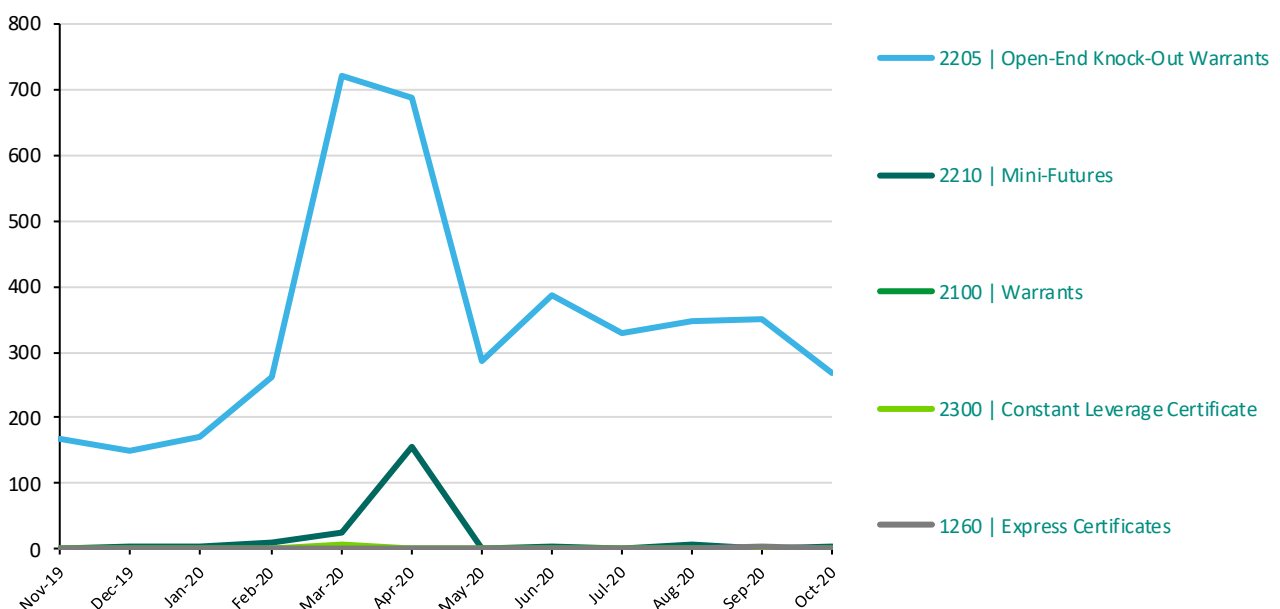
## Product Trend: Number of Live Products

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

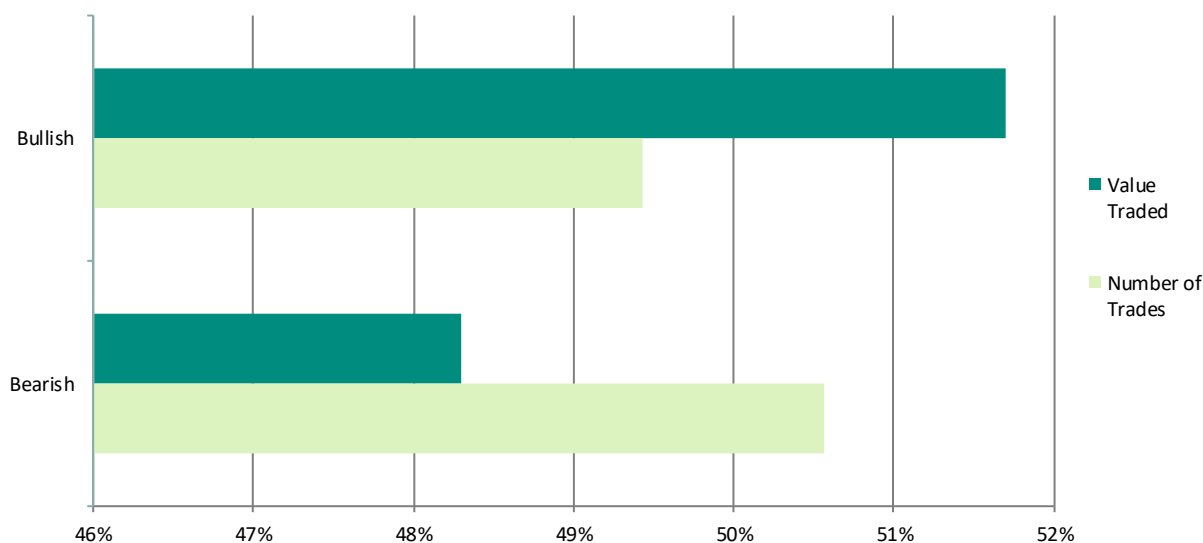
## Market Overview

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	251	-71%	-51%	51.7%	121	-10.7%	-14.9%	49.4%
Bearish	234	13.1%	15.4%	48.3%	124	-38%	0.0%	50.6%
Total	485	-54.8%	-32.0%	100%	246	-26.7%	-8.0%	100%

(Source Euronext)

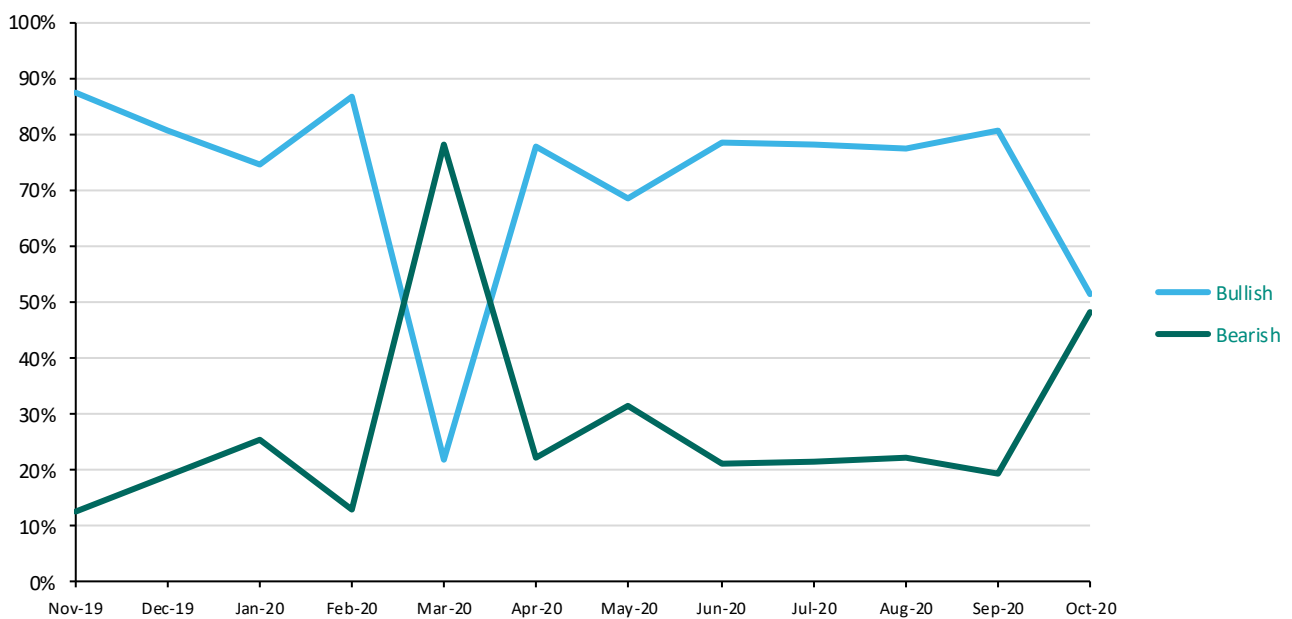




# PRODUCT STRATEGIES

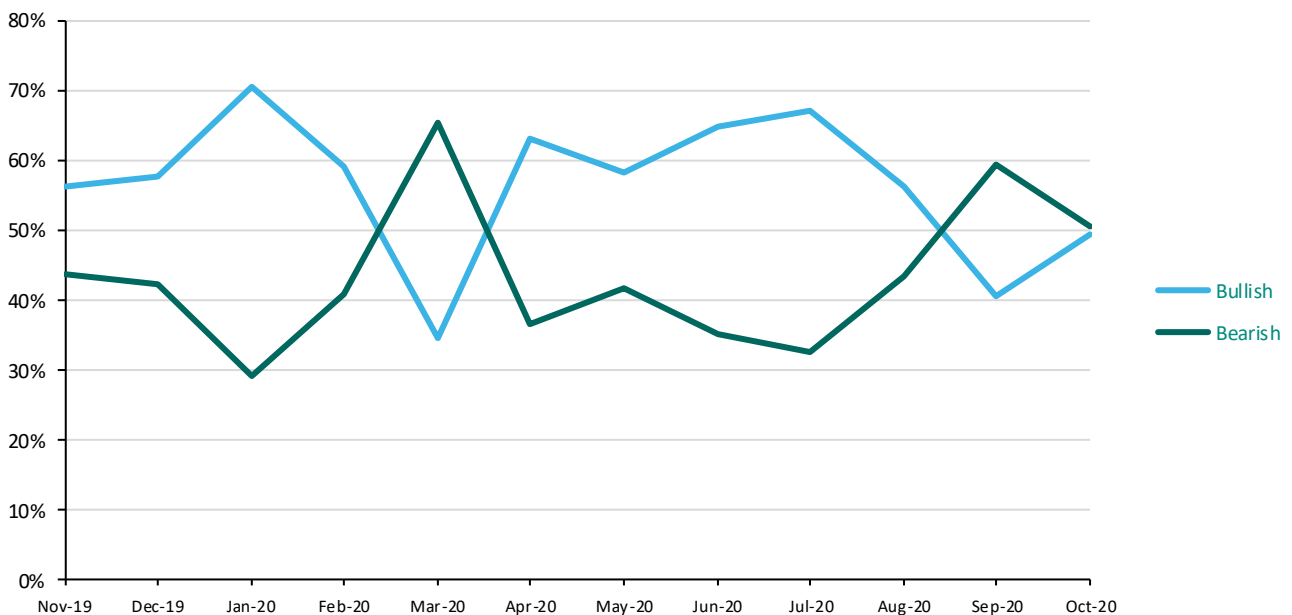
## Market Trend: Value traded

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

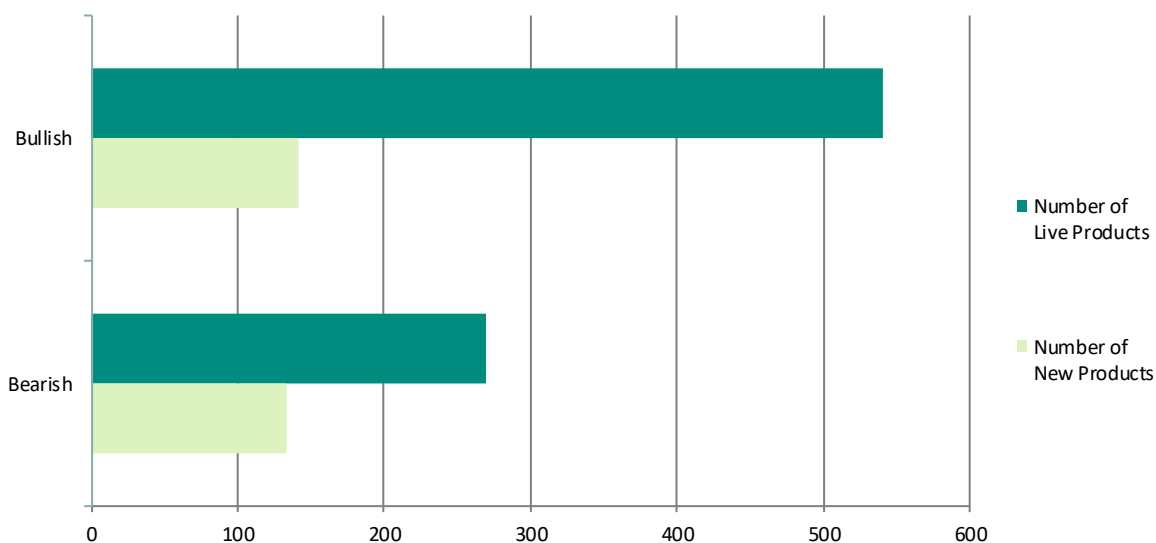
## Product Overview

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	541	-3.6%	1.9%	66.8%	141	-24%	-34%	51.5%
Bearish	269	0.9%	-7.3%	33.2%	133	-23%	-11.4%	48.5%
Total	810	-2.1%	-1.4%	100%	274	-23.2%	-25.0%	100%

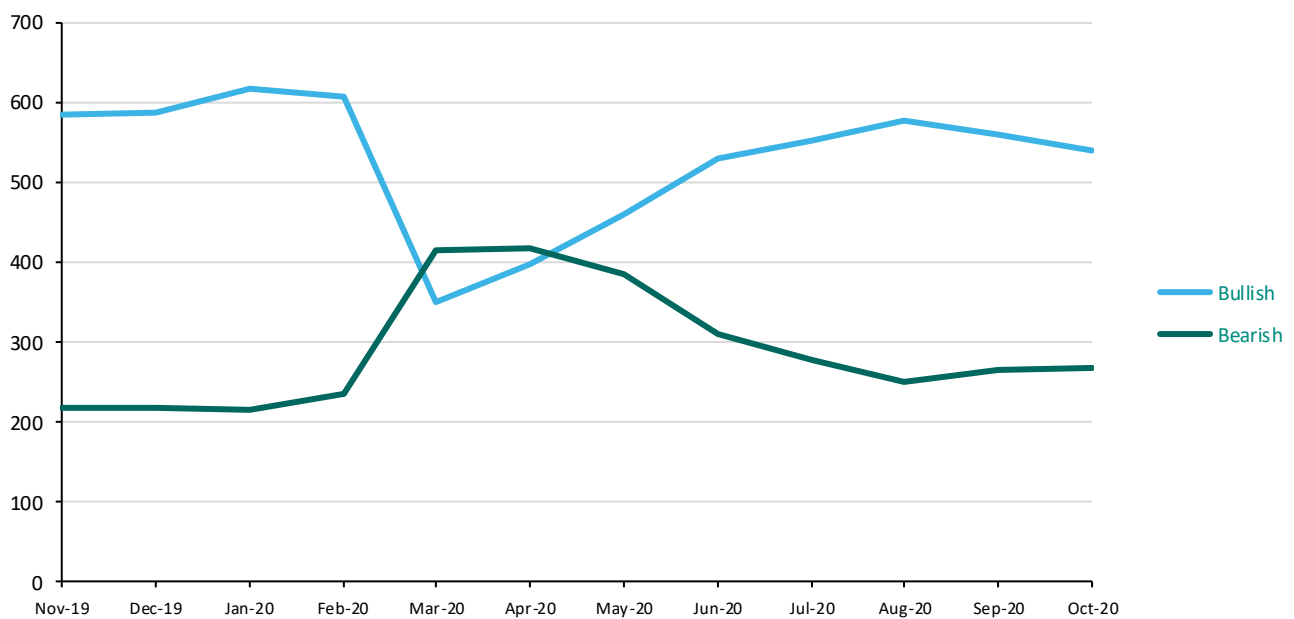
(Source Euronext)



# PRODUCT STRATEGIES

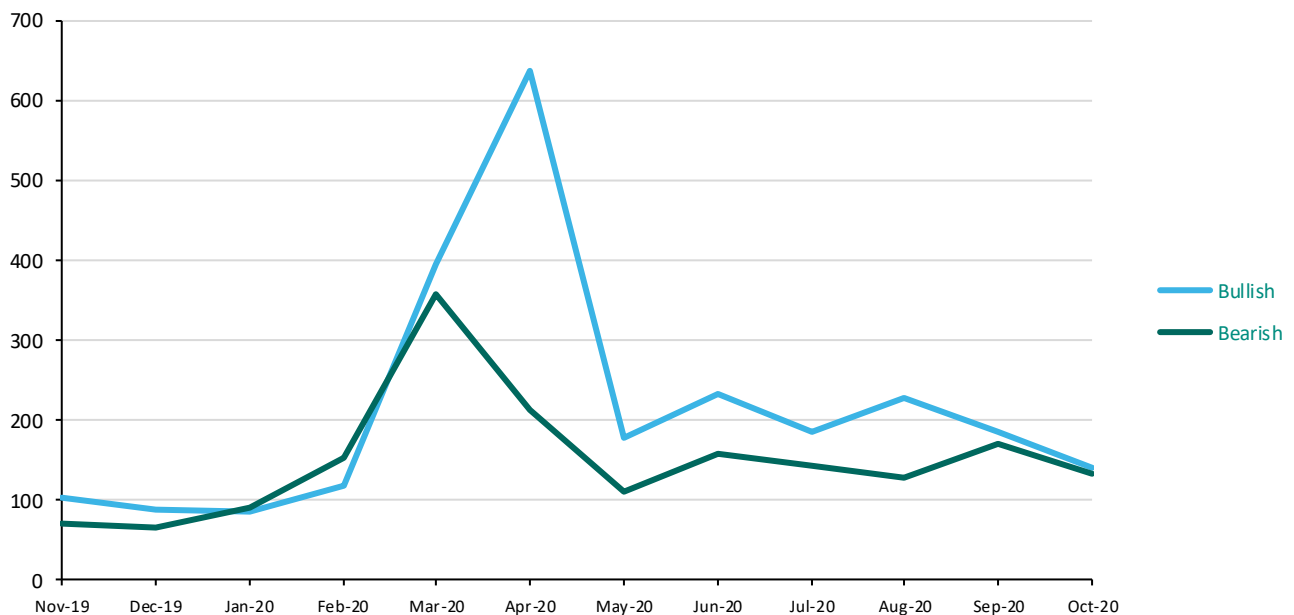
## Product Trend: Number of Live Products

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

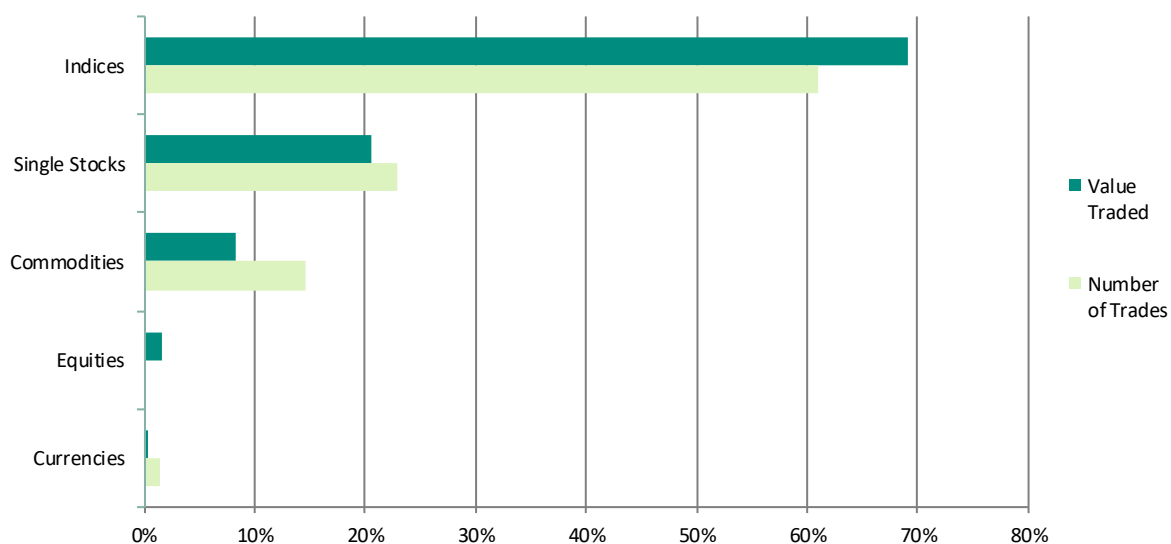
### Market Overview

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	336	-59%	-34%	69.2%	150	-32.7%	-11.5%	61.1%
Single Stocks	100	-44%	-5.8%	20.6%	56	-19.2%	-7.7%	23.0%
Commodities	40	-43%	-36%	8.2%	36	-3.4%	14.6%	14.6%
Equities	8		-75%	1.6%	0.0		-73.0%	0.0%
Currencies	2	-33%	-64%	0.3%	3.3	-37.4%	-31.8%	1.3%
<b>Total</b>	<b>485</b>	<b>-54.8%</b>	<b>-32.0%</b>	<b>100%</b>	<b>246</b>	<b>-26.7%</b>	<b>-8.0%</b>	<b>100%</b>

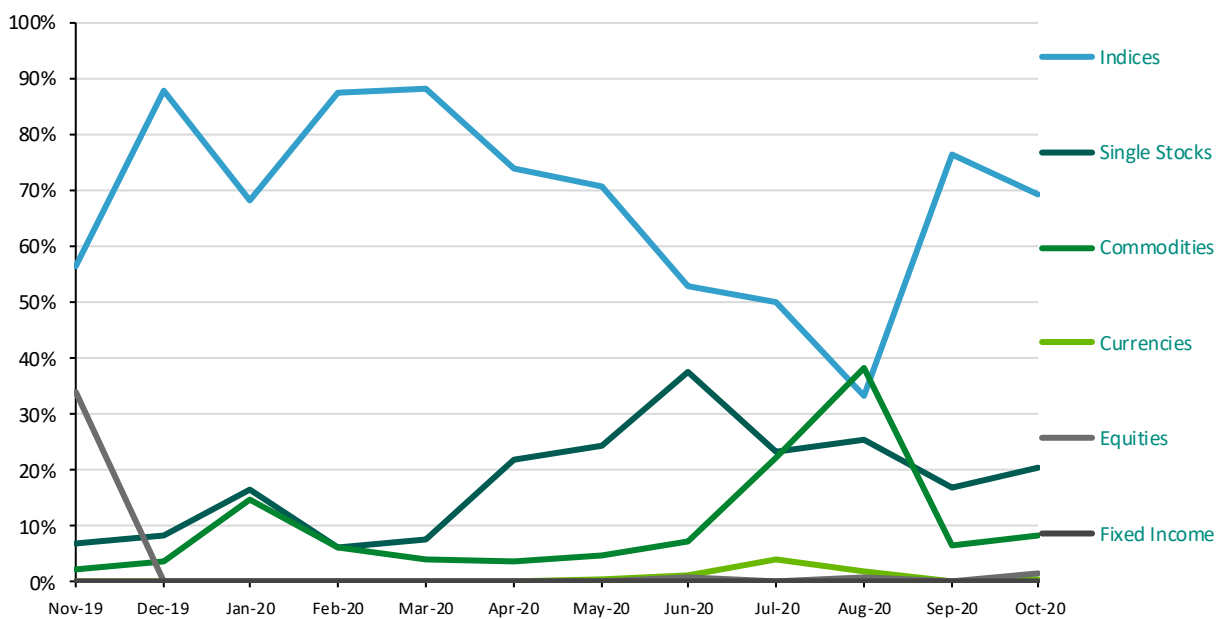
(Source Euronext)



# UNDERLYING TYPES

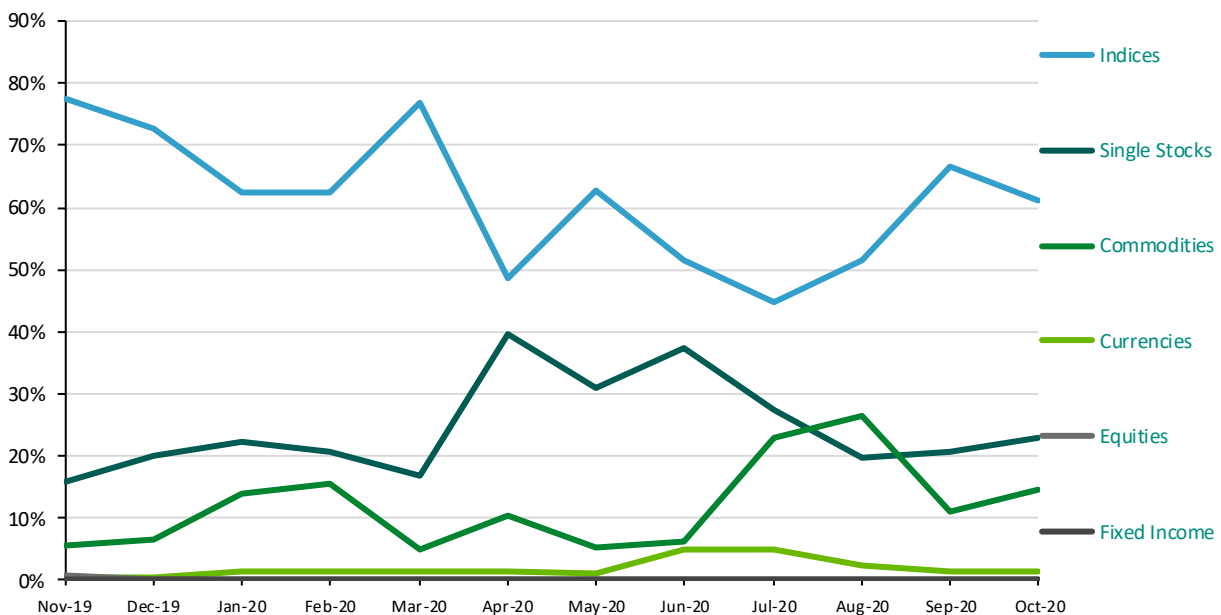
## Market Trend: Value traded

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

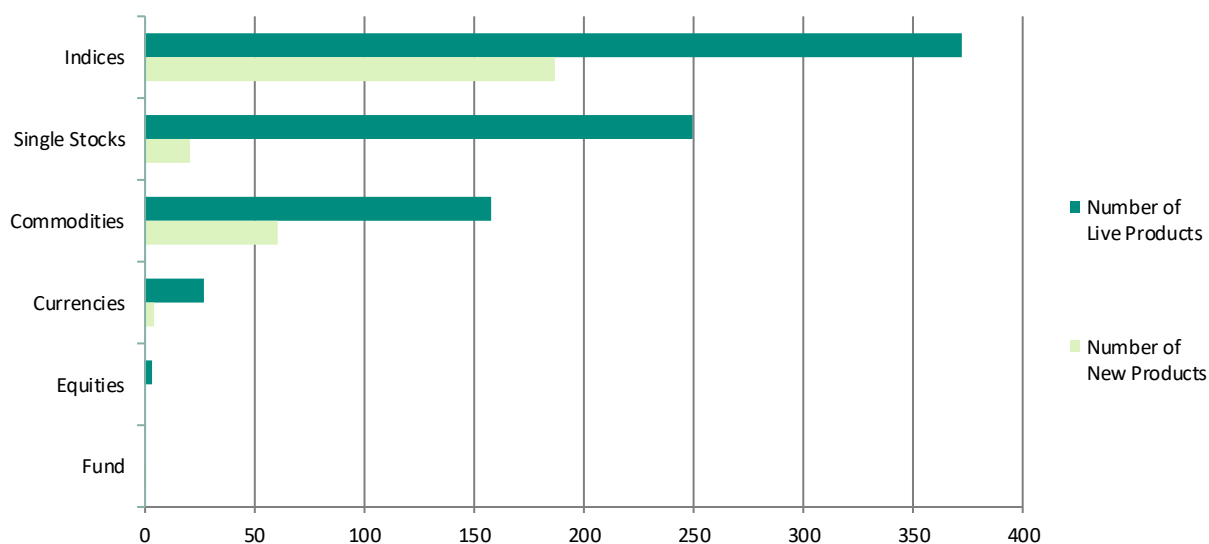
### Product Overview

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	372	1.1%	-0.1%	45.9%	187	-25%	-11.0%	68.2%
Single Stocks	250	-7.9%	-15.7%	30.8%	21	0.0%	-70%	7.7%
Commodities	158	-0.4%	31%	19.5%	61	-25%	-19.9%	22.3%
Currencies	27	-0.7%	11.5%	3.3%	4	-33%	-41%	1.5%
Equities	4	15.1%	7.9%	0.5%	0		-100%	0.0%
Fund	0			0.0%	1	0.0%	0.0%	0.4%
<b>Total</b>	<b>810</b>	<b>-2.1%</b>	<b>-1.4%</b>	<b>100%</b>	<b>274</b>	<b>-23.2%</b>	<b>-25.0%</b>	<b>100%</b>

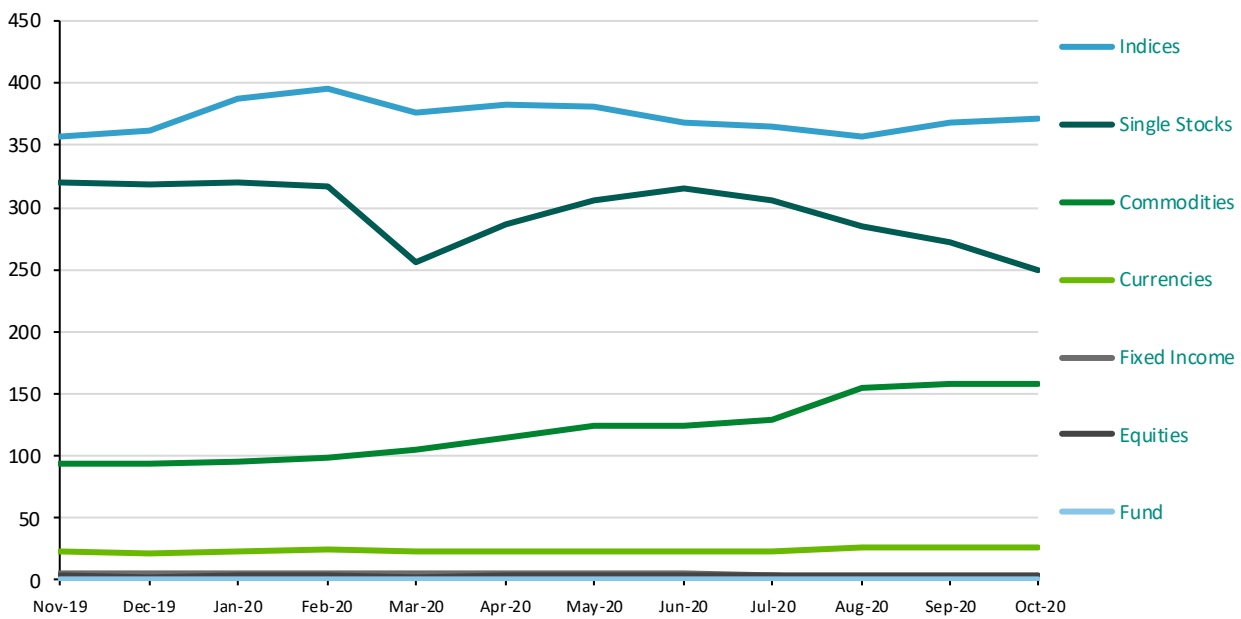
(Source Euronext)



# UNDERLYING TYPES

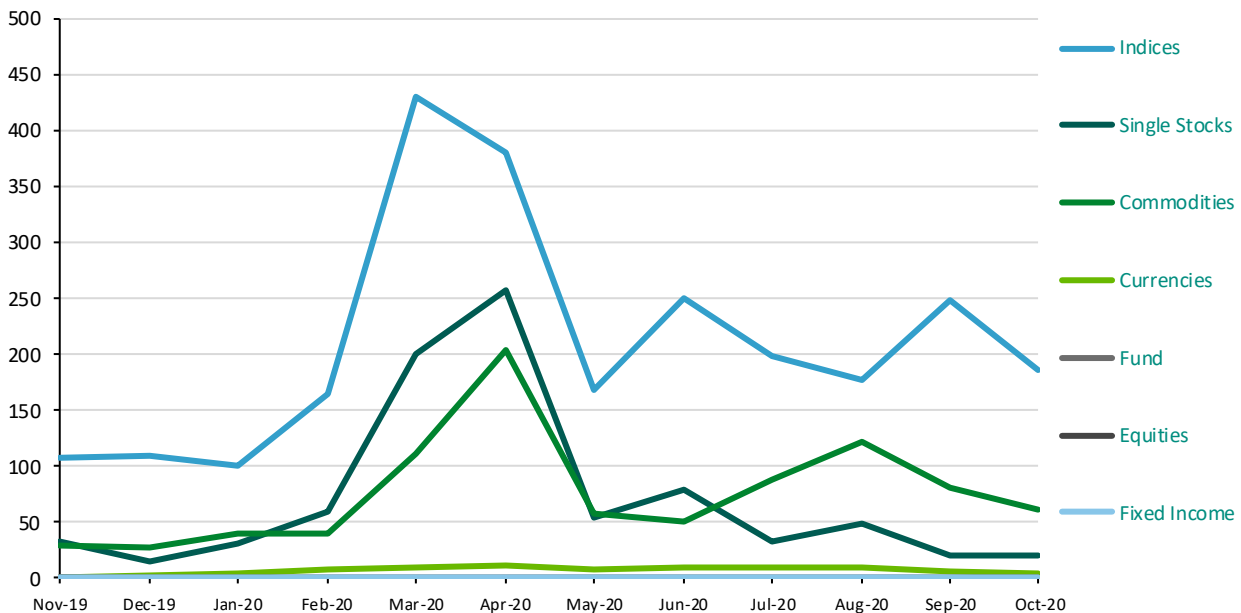
## Product Trend: Number of Live Products

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

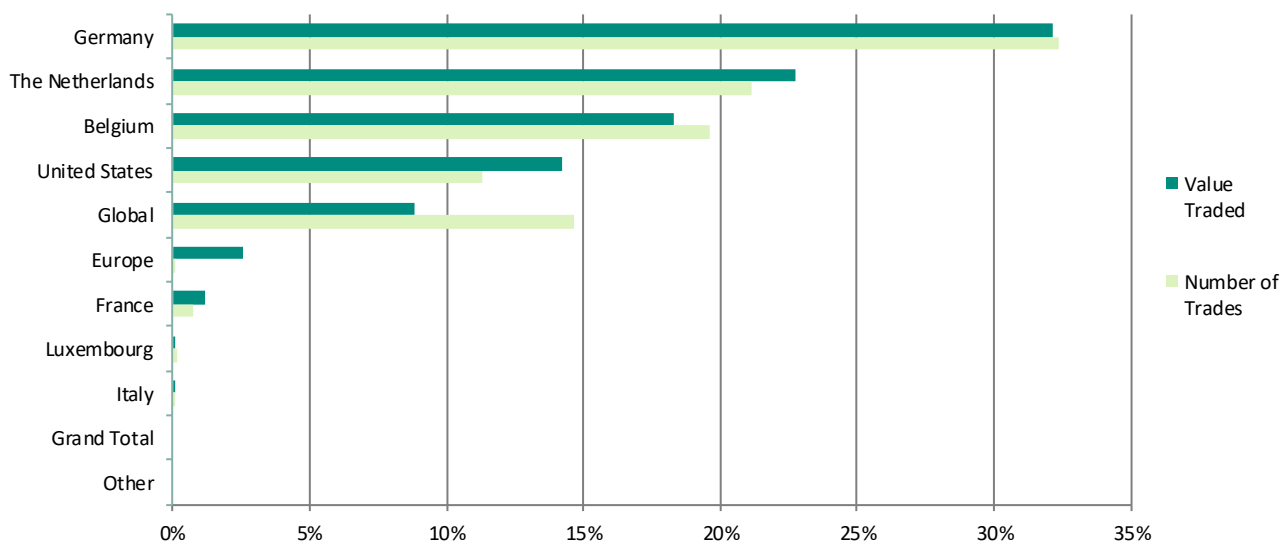
## Market Overview

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
Germany	156	67%	29%	32.1%	79	7.2%	52.1%	32.3%
The Netherlands	110	-22%	-34%	22.8%	52	-58%	-47%	21.2%
Belgium	89	-36%	-2.2%	18.3%	48	-15.3%	3.7%	19.6%
United States	69	-64%	-26%	14.2%	28	-18.1%	-7.9%	11.3%
Global	43	-39%	-63%	8.8%	36	-3.3%	12.2%	14.7%
Europe	12	-97%	-89%	2.5%	0.1	-98%	-89%	0.0%
France	6	-54%	-35%	1.2%	1.8	-32%	-63%	0.7%
Luxembourg	0	-15.6%	-88%	0.1%	0.3	-71%	-88%	0.1%
Italy	0	-94%	-99%	0.0%	0.0	0.0%	-79%	0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Other	#REF!			#REF!	#REF!			#REF!
Total	485	-54.8%	-32.0%	100%	246	-26.7%	-8.0%	100%

(Source Euronext)

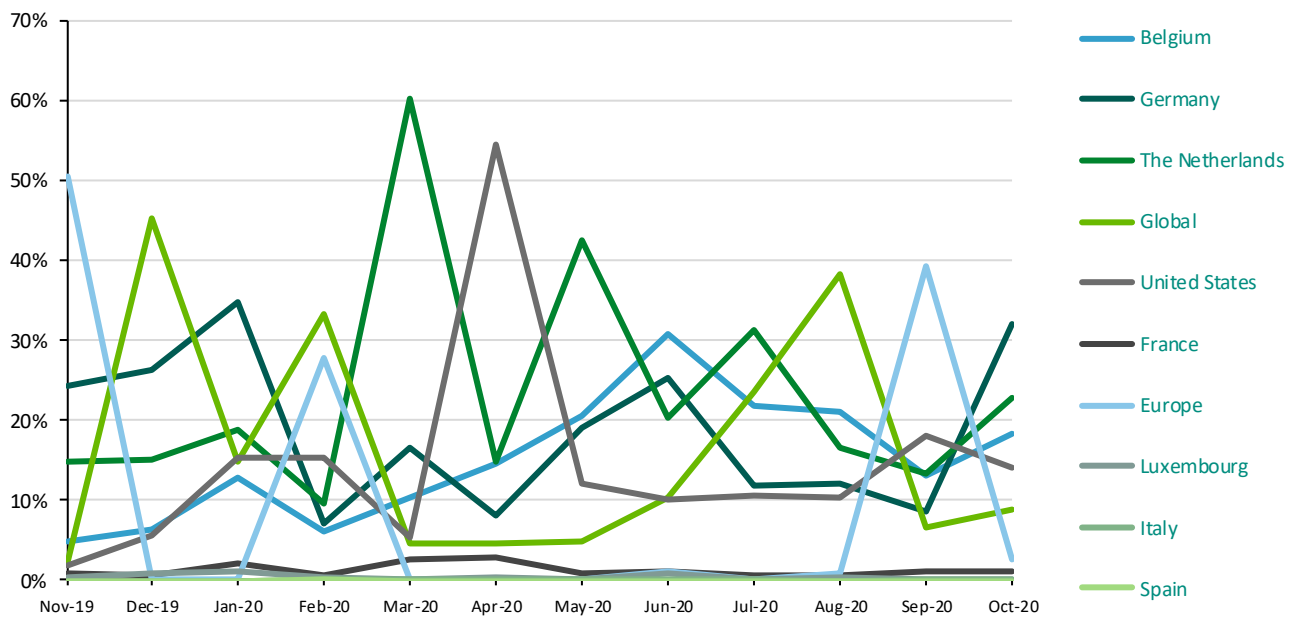




# TOP 10 UNDERLYING COUNTRIES

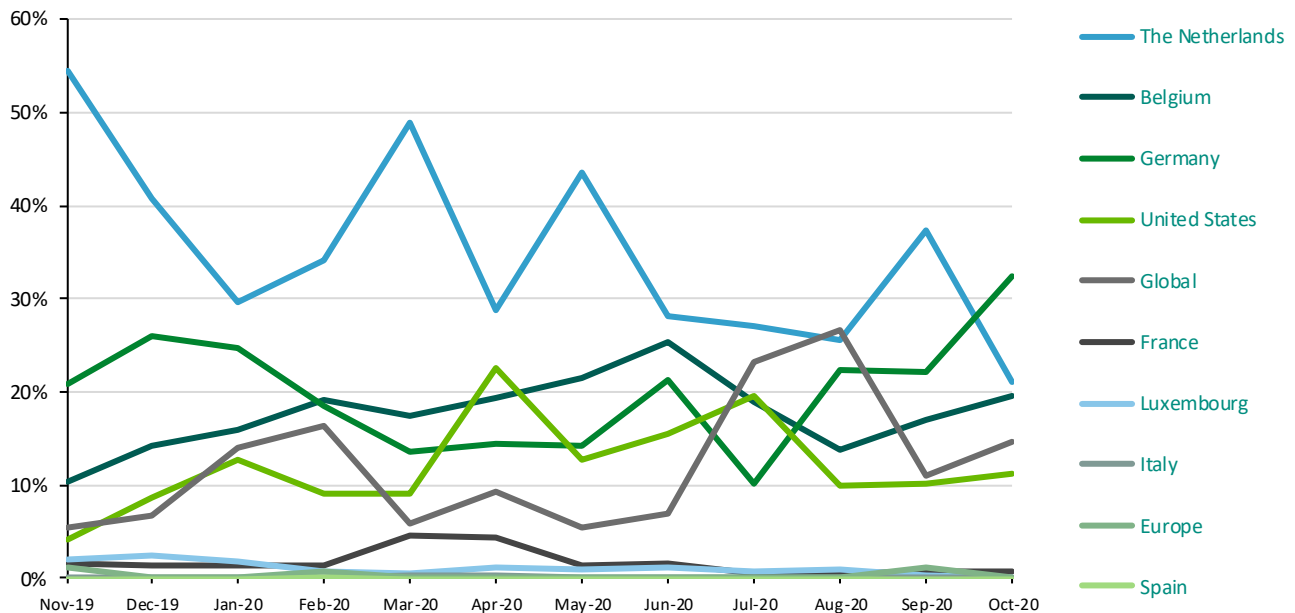
## Market Trend: Value traded

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

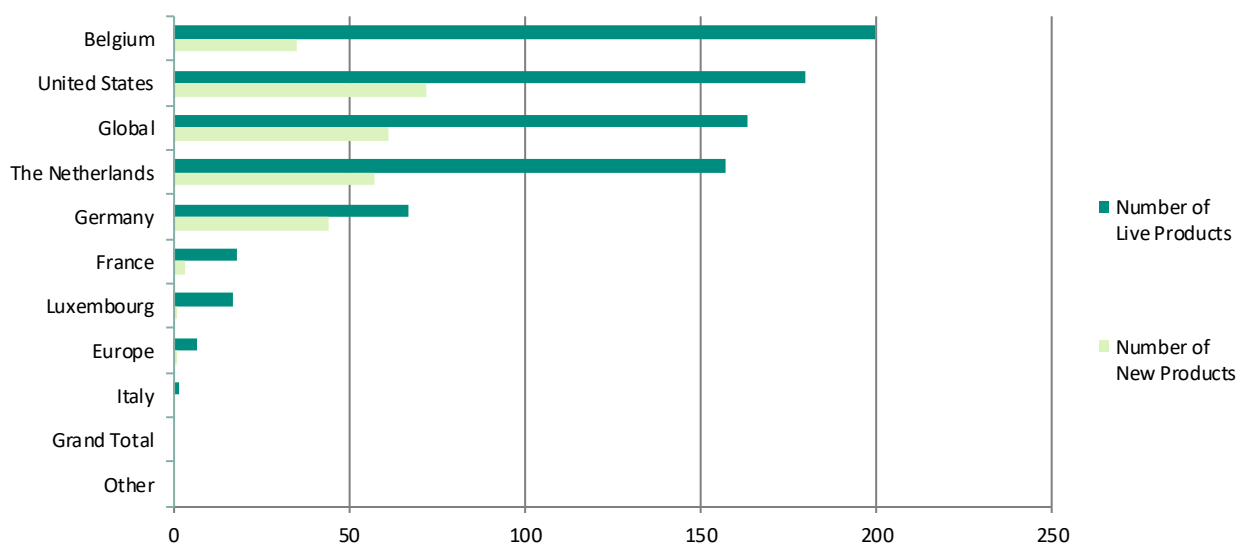
### Product Overview

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	200	-5.1%	-11.6%	24.7%	35	-5.4%	-41%	12.8%
United States	180	1.7%	14.1%	22.2%	72	-40%	-14.6%	26.3%
Global	163	0.1%	29%	20.2%	61	-25%	-16.9%	22.3%
The Netherlands	157	-5.0%	-10.1%	19.4%	57	-18.6%	-29%	20.8%
Germany	67	-1.1%	-2.0%	8.2%	44	0.0%	-8.5%	16.1%
France	18	-13.2%	-52%	2.2%	3		-76%	1.1%
Luxembourg	17	1.6%	13.7%	2.1%	1	0.0%	-80%	0.4%
Europe	7	31%	-27%	0.8%	1	-67%	-40%	0.4%
Italy	2	-18.2%	-51%	0.2%	0			0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Other	#REF!			#REF!	#REF!			#REF!
Total	810	-2.1%	-1.4%	100%	274	-23.2%	-25.0%	100%

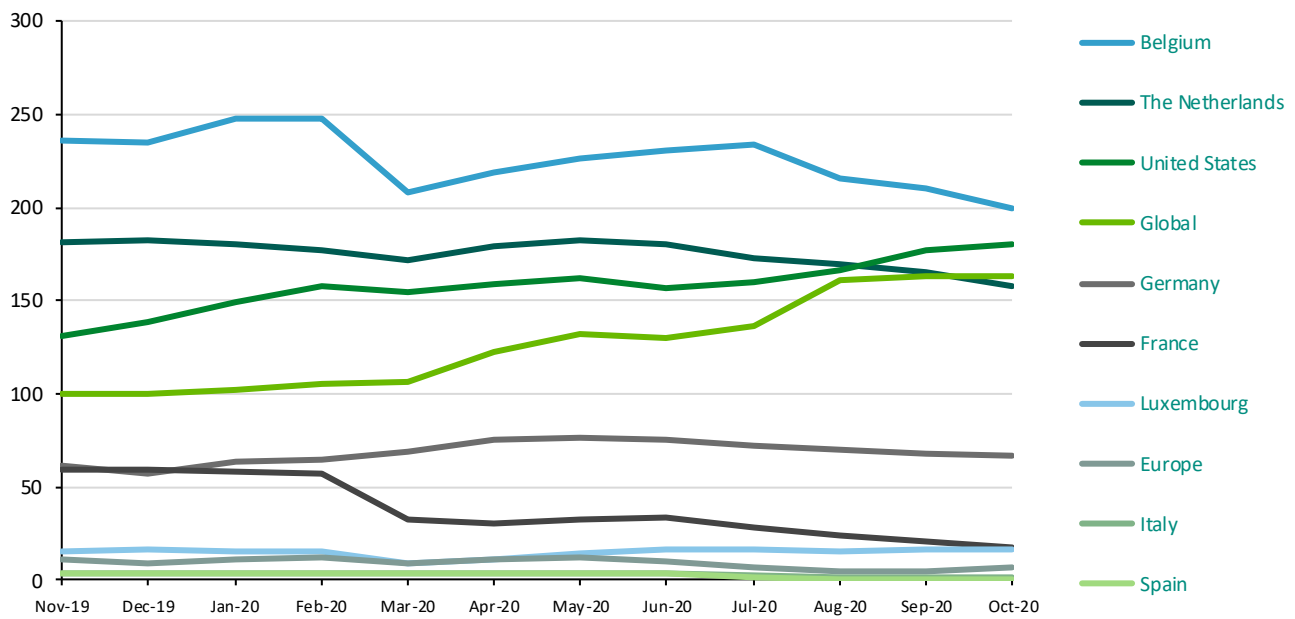
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

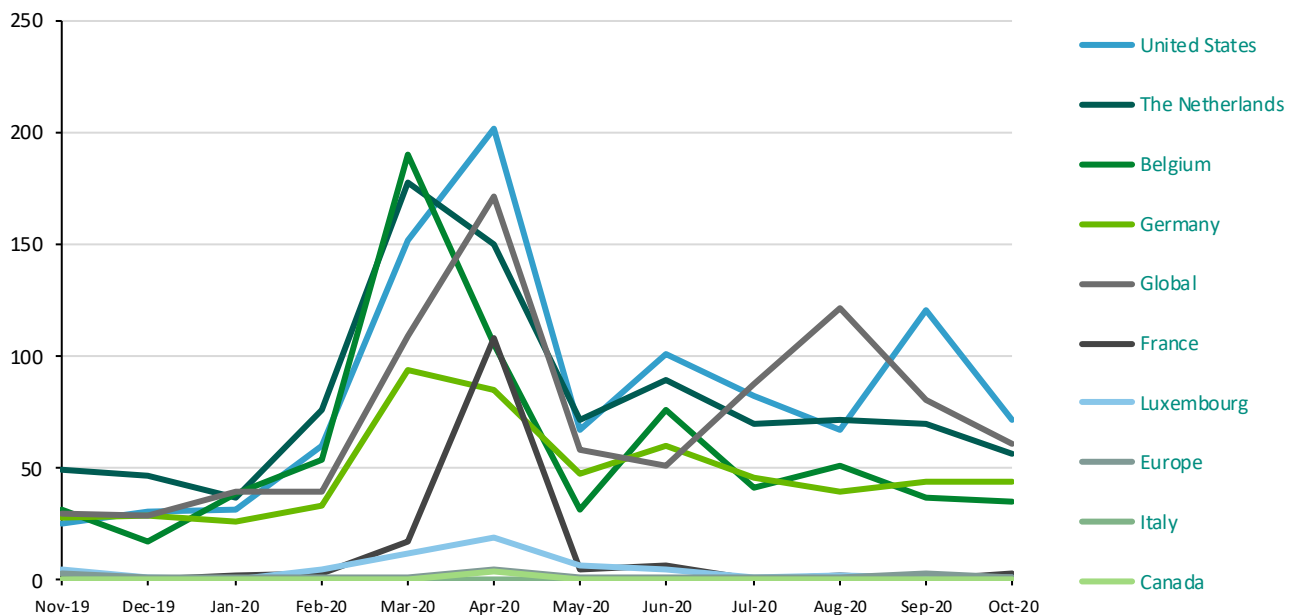
## Product Trend: Number of Live Products

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

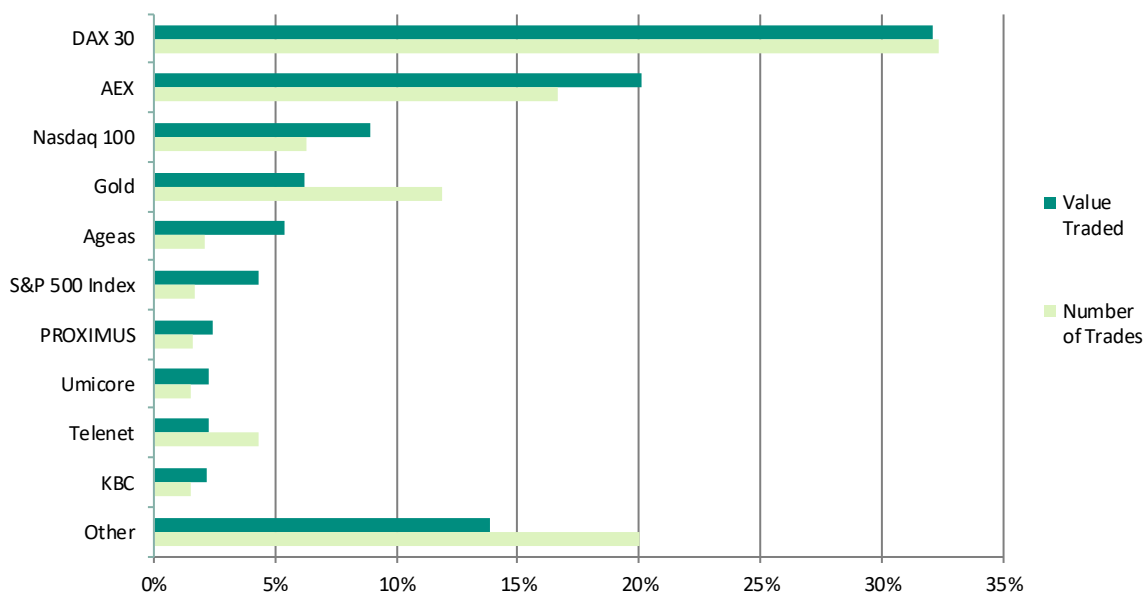
## Market Overview

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	156	67%	29%	32.1%	79	7.2%	52.1%	32.3%
AEX	97	-2.9%	-33%	20.1%	41	-63%	-49%	16.7%
Nasdaq 100	43	116%	106%	8.9%	16	9.6%	75%	6.3%
Gold	30	-16.6%	-20%	6.2%	29	14.6%	50%	11.9%
Ageas	26	-67%	-13.6%	5.4%	5.2	-70%	-19.8%	2.1%
S&P 500 Index	21	-87%	-64%	4.3%	4.0	-47%	-59%	1.6%
PROXIMUS	12	87%	154%	2.4%	3.9	34%	94%	1.6%
Umicore	11	128%	64%	2.3%	3.8	22%	27%	1.6%
Telenet	11	6.2%	184%	2.3%	11	-13.8%	142%	4.3%
KBC	10	-23%	2.8%	2.1%	3.7	-1.2%	-16.4%	1.5%
Other	67	-88%	-75%	13.9%	49	-23%	-35%	20.0%
<b>Total</b>	<b>485</b>	<b>-54.8%</b>	<b>-32.0%</b>	<b>100%</b>	<b>246</b>	<b>-26.7%</b>	<b>-8.0%</b>	<b>100%</b>

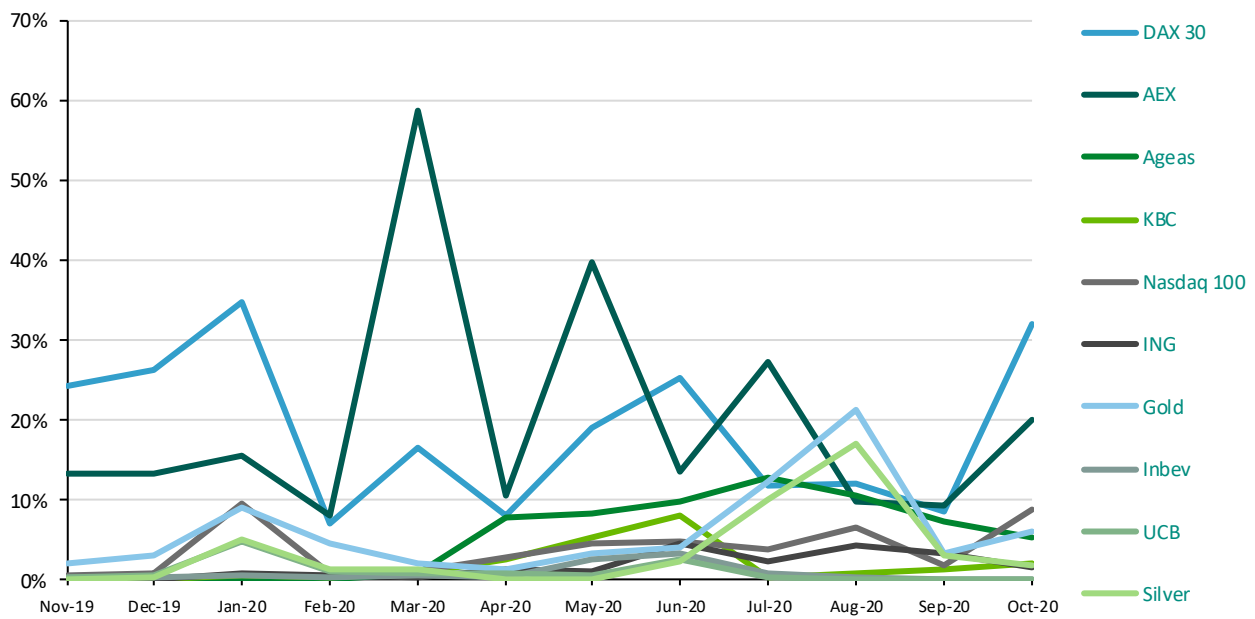
(Source Euronext)



# TOP 10 UNDERLYINGS

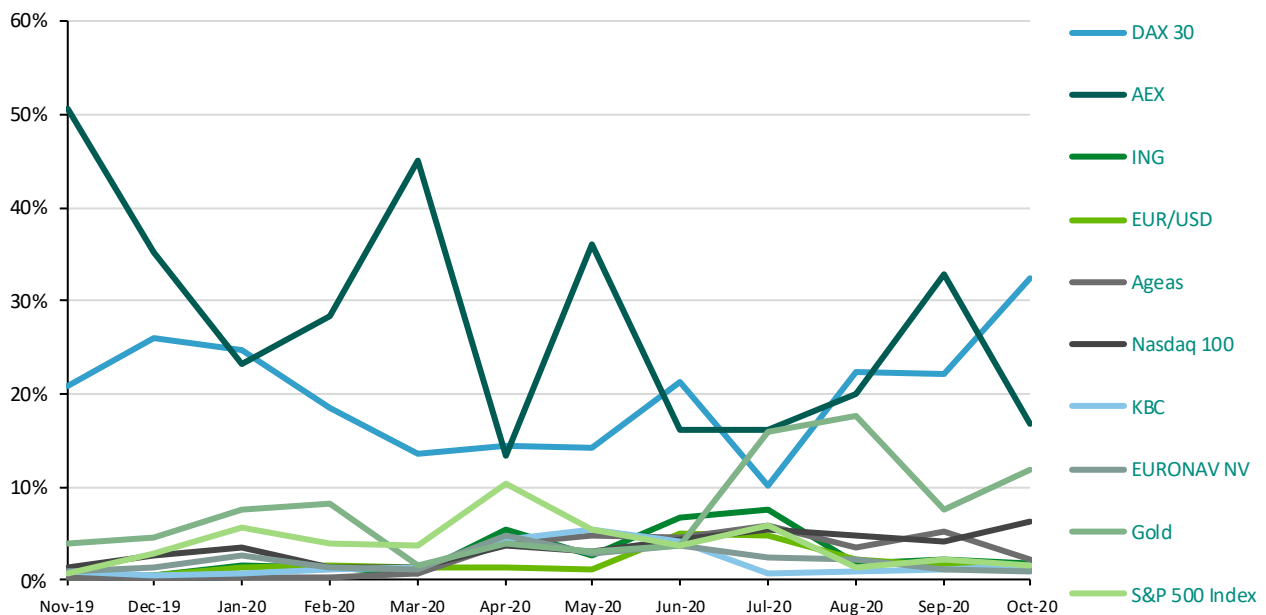
## Market Trend: Value traded

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

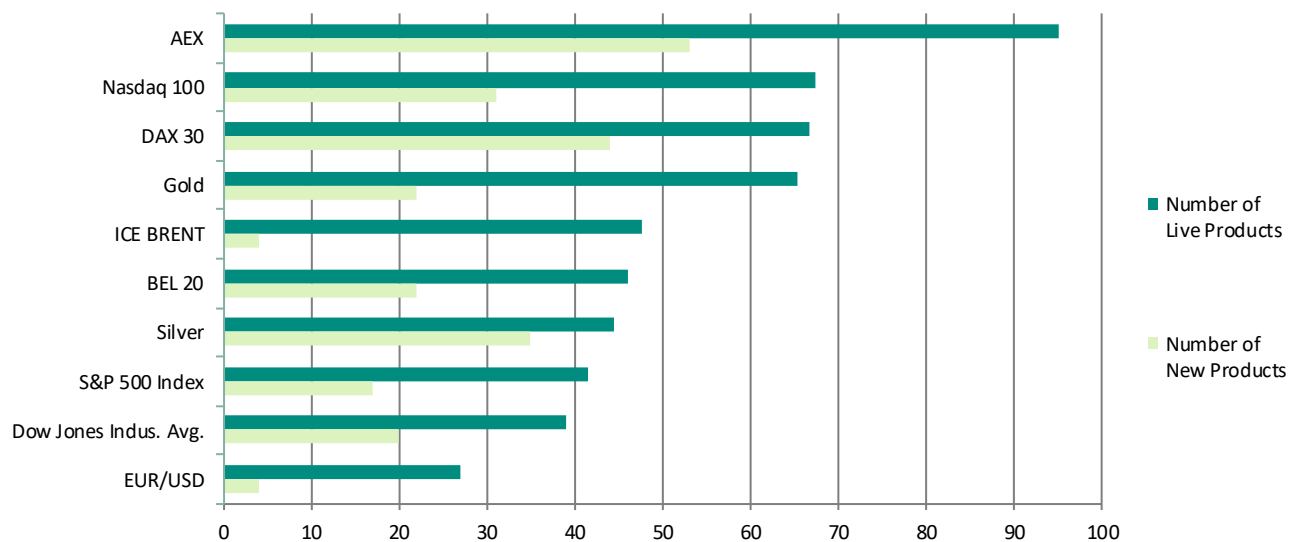
## Product Overview

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	95	-0.1%	-5.3%	11.8%	53	-17.2%	-18.4%	19.3%
Nasdaq 100	67	2.3%	47%	8.3%	31	-47%	-1.3%	11.3%
DAX 30	67	-1.1%	0.0%	8.2%	44	0.0%	-8.0%	16.1%
Gold	65	-0.3%	31%	8.1%	22	-29%	-20%	8.0%
ICE BRENT	48	-0.1%	20%	5.9%	4	-33%	-78%	1.5%
BEL 20	46	0.3%	4.4%	5.7%	22	-4.3%	10.0%	8.0%
Silver	44	-0.9%	56%	5.5%	35	-20%	28%	12.8%
S&P 500 Index	42	4.6%	17.4%	5.1%	17	-37%	-11.7%	6.2%
Dow Jones Indus. Avg.	39	-0.3%	5.8%	4.8%	20	-31%	-12.7%	7.3%
EUR/USD	27	-0.7%	11.5%	3.3%	4	-33%	-41%	1.5%
Other	270	-6.7%	-23%	33.3%	22	-8.3%	-72%	8.0%
<b>Total</b>	<b>810</b>	<b>-2.1%</b>	<b>-1.4%</b>	<b>100%</b>	<b>274</b>	<b>-23.2%</b>	<b>-25.0%</b>	<b>100%</b>

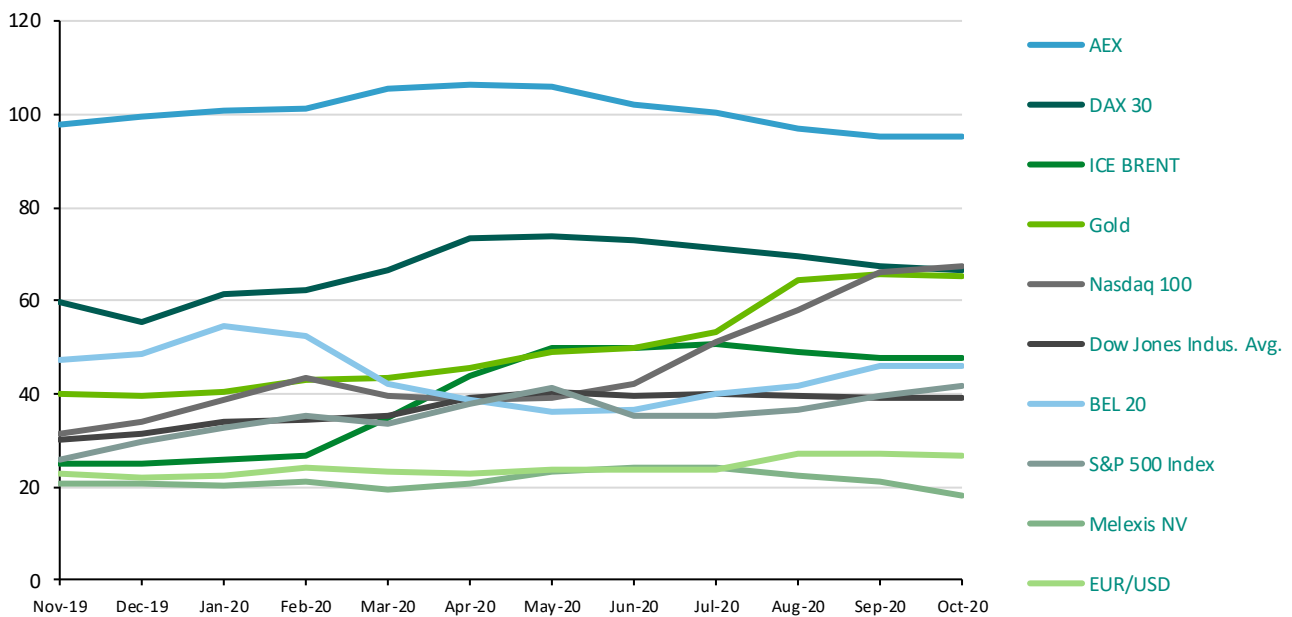
(Source Euronext)



# TOP 10 UNDERLYINGS

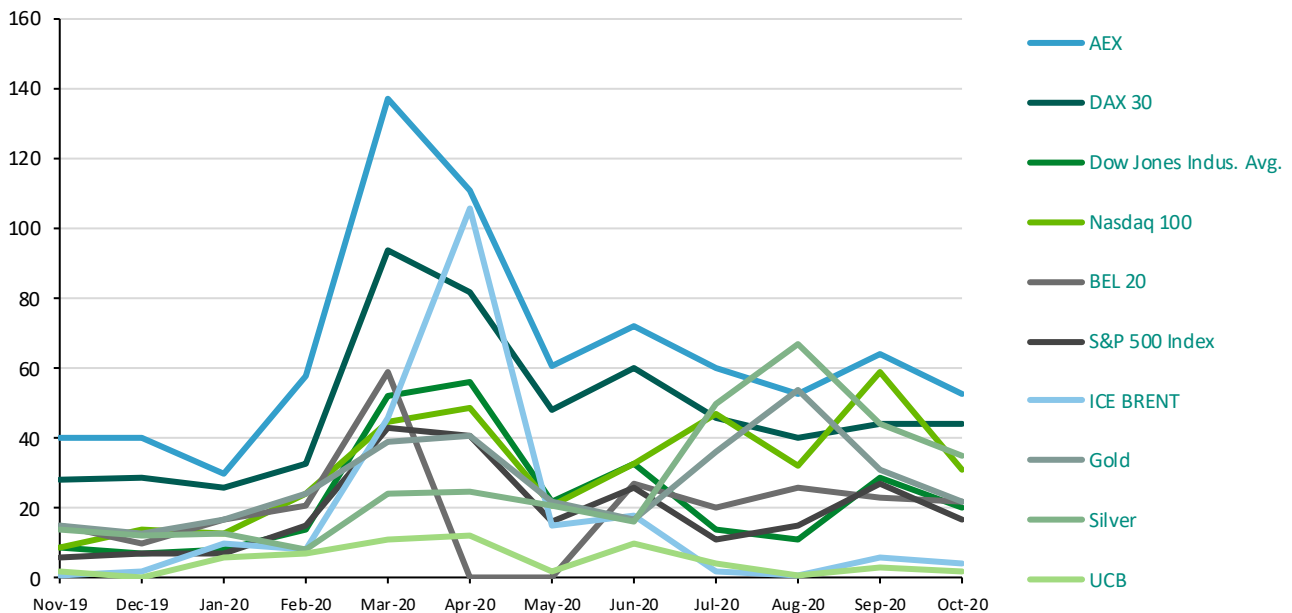
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on 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
DE000SB5JH51	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	1,669	193
DE000SD0VKX1	Société Générale	2205	Open-End Knock-Out Warrants	AEX	651	55
DE000SB1NPS7	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	550	20
DE000SB50PW2	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	453	53
DE000SR8RGZ9	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	436	49
DE000SD0MT61	Société Générale	2205	Open-End Knock-Out Warrants	AEX	374	69
DE000SB50P09	Société Générale	2205	Open-End Knock-Out Warrants	AEX	334	131
DE000SB5SED3	Société Générale	2205	Open-End Knock-Out Warrants	Gold	224	121
LU2236281924	KBC	1260	Express Certificates	S&P 500 Index	202	1
DE000CL3ZAE5	Société Générale	2205	Open-End Knock-Out Warrants	PROXIMUS	196	69
DE000CL7JLZ2	Société Générale	2205	Open-End Knock-Out Warrants	Telenet	178	167
LU2063488956	KBC	1260	Express Certificates	EURO STOXX 30 SELECT DIVIDEN	173	1
DE000SB5PHK7	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	165	9
DE000SD0MT95	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	145	47
DE000SB46K43	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	141	646
DE000CJ3M718	Société Générale	2205	Open-End Knock-Out Warrants	AEX	123	62
DE000SB55V55	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	119	51
DE000CJ3MVN4	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	118	347
DE000SR8UWB1	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	106	4
DE000SB5PHM3	Société Générale	2205	Open-End Knock-Out Warrants	Umicore	102	14
LU2236281502	KBC	1260	Express Certificates	S&P 500 Index	101	1
DE000SB50PZ5	Société Générale	2205	Open-End Knock-Out Warrants	AEX	100	45
DE000SB34B06	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	98	18
LU2230646395	KBC	1260	Express Certificates	Euro STOXX 50	98	1
DE000SB0K2K7	Société Générale	2205	Open-End Knock-Out Warrants	ING	98	10
DE000SB5SEV5	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	96	60
DE000SB27D86	Société Générale	2205	Open-End Knock-Out Warrants	Gold	87	245
DE000SB50XN5	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	85	37
DE000SB5SEF8	Société Générale	2205	Open-End Knock-Out Warrants	Silver	78	24
DE000SB5SEC5	Société Générale	2205	Open-End Knock-Out Warrants	Gold	76	92
DE000SD0N595	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	71	85
DE000SD0VK02	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	70	16
DE000SB2GDT3	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	68	16
DE000SB329Y1	Société Générale	2205	Open-End Knock-Out Warrants	Umicore	66	13
DE000SB55VG2	Société Générale	2205	Open-End Knock-Out Warrants	Gold	64	35
DE000SB0HMA6	Société Générale	2205	Open-End Knock-Out Warrants	AEX	64	25
DE000SD0MUA7	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	63	4
LU2051401318	KBC	1260	Express Certificates	STOXX 600 Oil & Gas Index	63	1
DE000CL8PPG8	Société Générale	2205	Open-End Knock-Out Warrants	KBC	60	17
LU1946001606	KBC	2100	Warrants	Total	59	1
DE000CL3ZJH9	Société Générale	2205	Open-End Knock-Out Warrants	PROXIMUS	58	11
DE000SB5LVF7	Société Générale	2205	Open-End Knock-Out Warrants	KBC	55	12
DE000SB55VW9	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	54	35
DE000SB5JH28	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	53	37
DE000CL7LZE3	Société Générale	2205	Open-End Knock-Out Warrants	Umicore	51	40
DE000SB4WCN1	Société Générale	2205	Open-End Knock-Out Warrants	S&P 500 Index	51	25
DE000SD0VK44	Société Générale	2205	Open-End Knock-Out Warrants	Gold	51	17
DE000SD0RXQ6	Société Générale	2205	Open-End Knock-Out Warrants	Gold	49	6
DE000SD0FWW1	Société Générale	2205	Open-End Knock-Out Warrants	Gold	49	13
DE000SR8EXA5	Société Générale	2205	Open-End Knock-Out Warrants	KBC	48	28

(Source Euronext)





Euroclear France Instruments

# ISSUERS

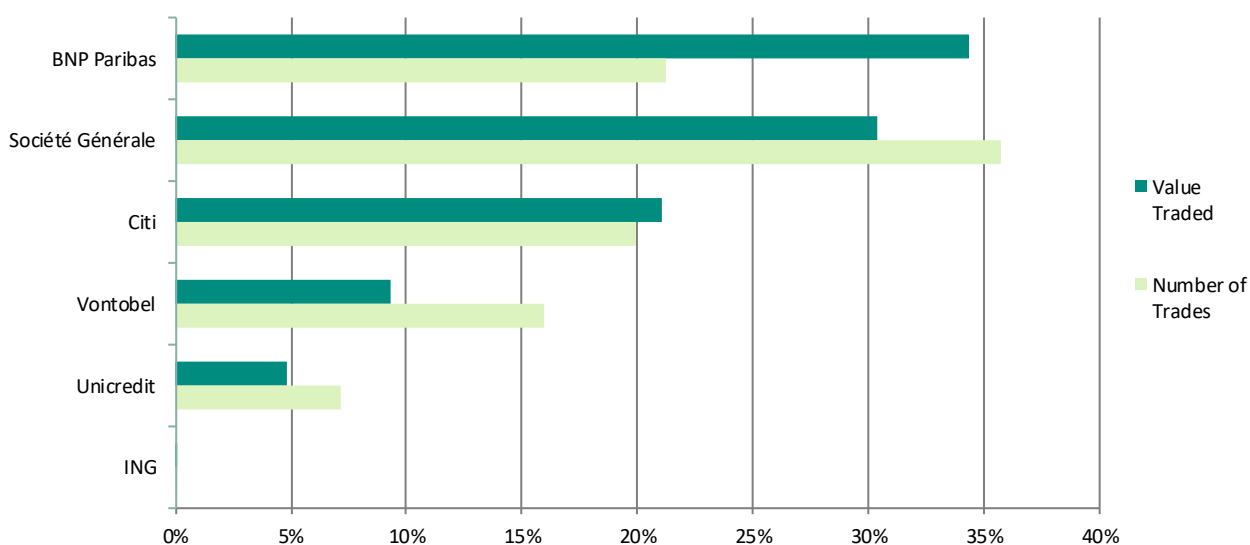
## Market Overview

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	6,866	3.3%	3.8%	34.4%	1,549	-7.7%	-8.9%	21.2%
Société Générale	6,060	-14.9%	-10.6%	30.4%	2,611	-8.5%	5.8%	35.7%
Citi	4,201	-5.5%	58%	21.1%	1,459	-4.0%	37.6%	20.0%
Vontobel	1,865	-26%	-24%	9.3%	1,166	-1.1%	1.7%	16.0%
Unicredit	960	-13.0%	-10.9%	4.8%	520	-4.8%	6.8%	7.1%
ING	1	-90%	-98%	0.0%	0.9	-82.1%	-96.2%	0.0%
<b>Total</b>	<b>19,954</b>	<b>-8.7%</b>	<b>-5.0%</b>	<b>100%</b>	<b>7,307</b>	<b>-6.1%</b>	<b>-2.1%</b>	<b>100%</b>

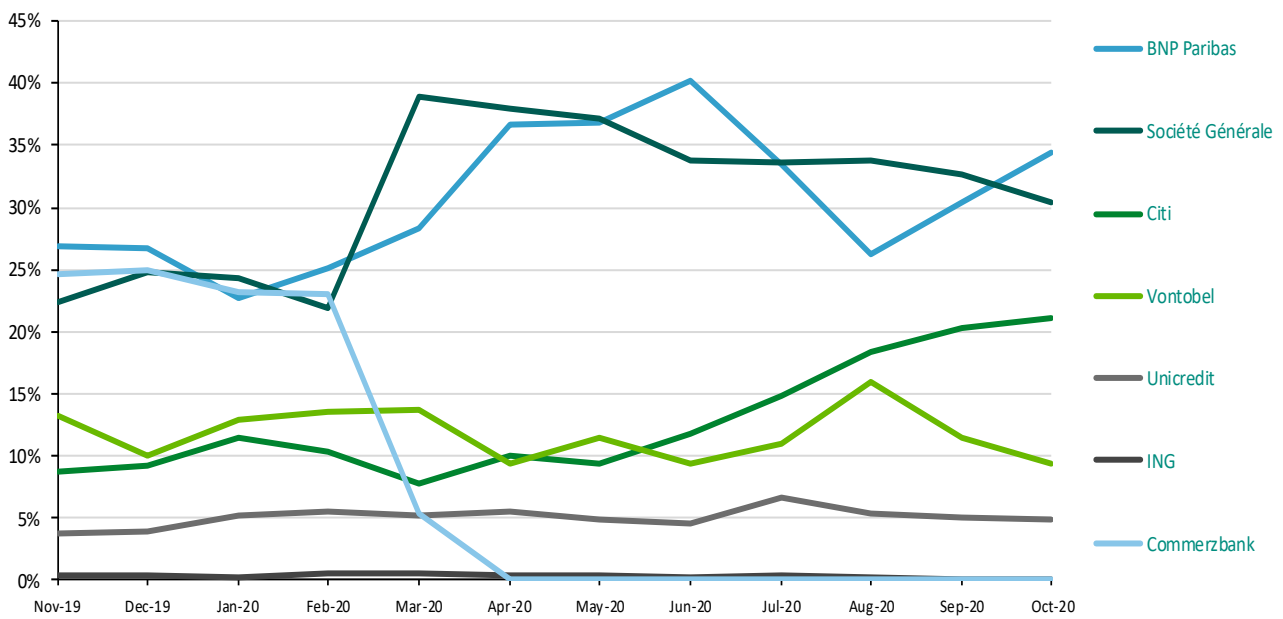
(Source Euronext)



# ISSUERS

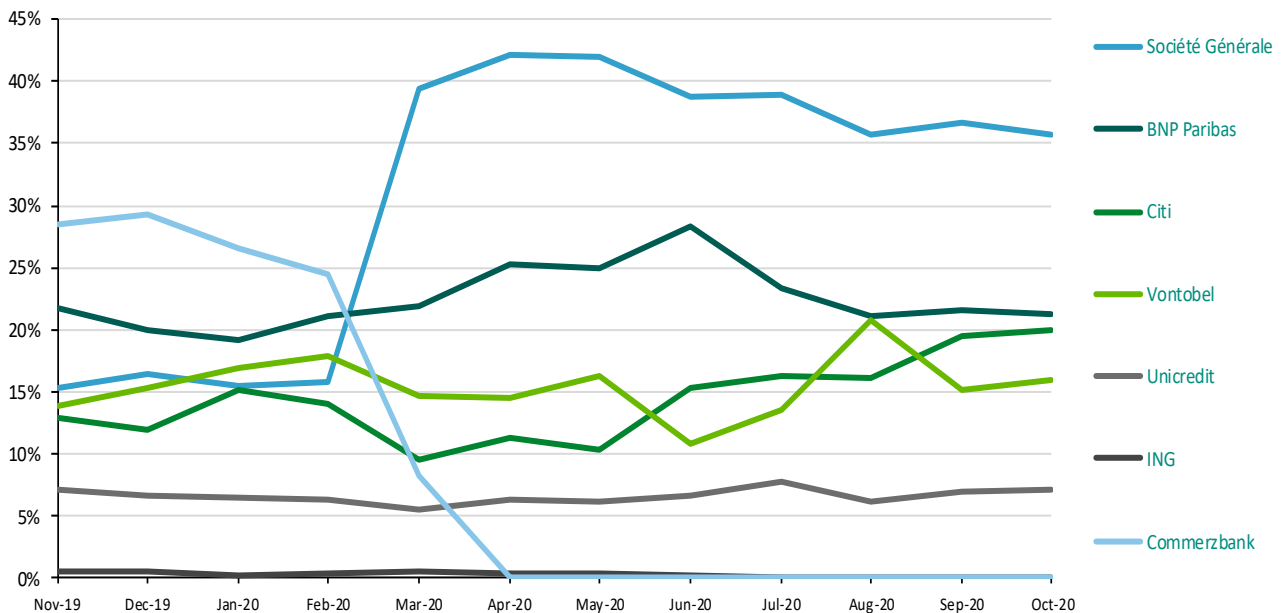
## Market Trend: Value traded

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

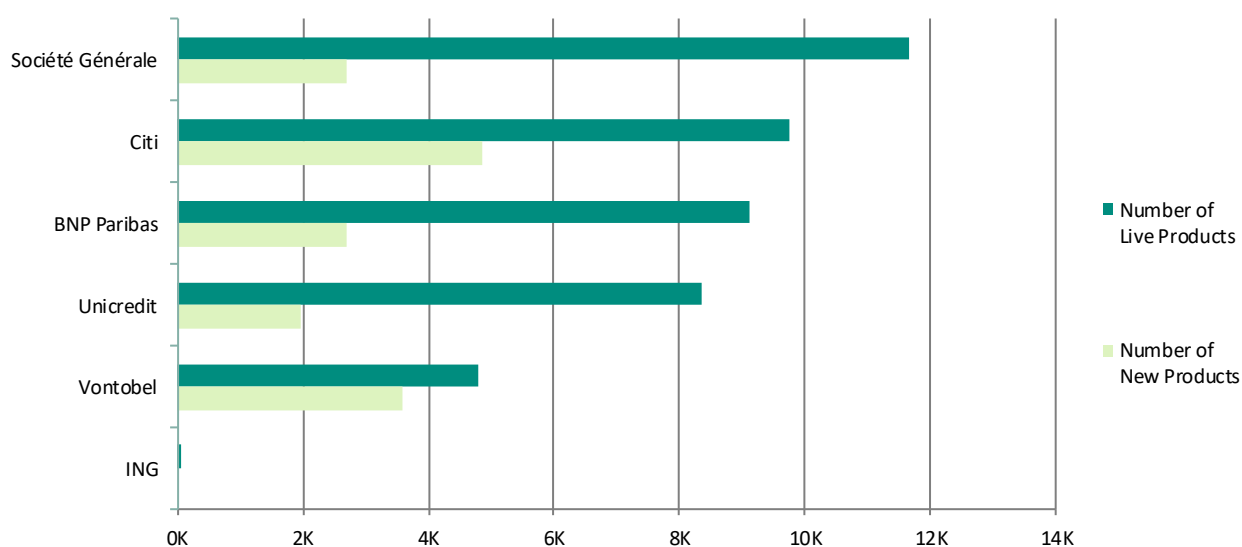
## Product Overview

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	11,650	-0.4%	1.7%	26.6%	2,687	8.5%	-36%	17.0%
Citi	9,767	-2.1%	2.0%	22.3%	4,871	-0.4%	17.6%	30.8%
BNP Paribas	9,124	-14.7%	-14.1%	20.9%	2,687	-17.3%	-27%	17.0%
Unicredit	8,353	-4.5%	-6.0%	19.1%	1,969	15.1%	-27%	12.5%
Vontobel	4,789	0.2%	2.8%	11.0%	3,590	21%	7.7%	22.7%
ING	40	-2.2%	-84%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>43,724</b>	<b>-4.8%</b>	<b>-11.4%</b>	<b>100%</b>	<b>15,804</b>	<b>3.2%</b>	<b>-16.4%</b>	<b>100%</b>

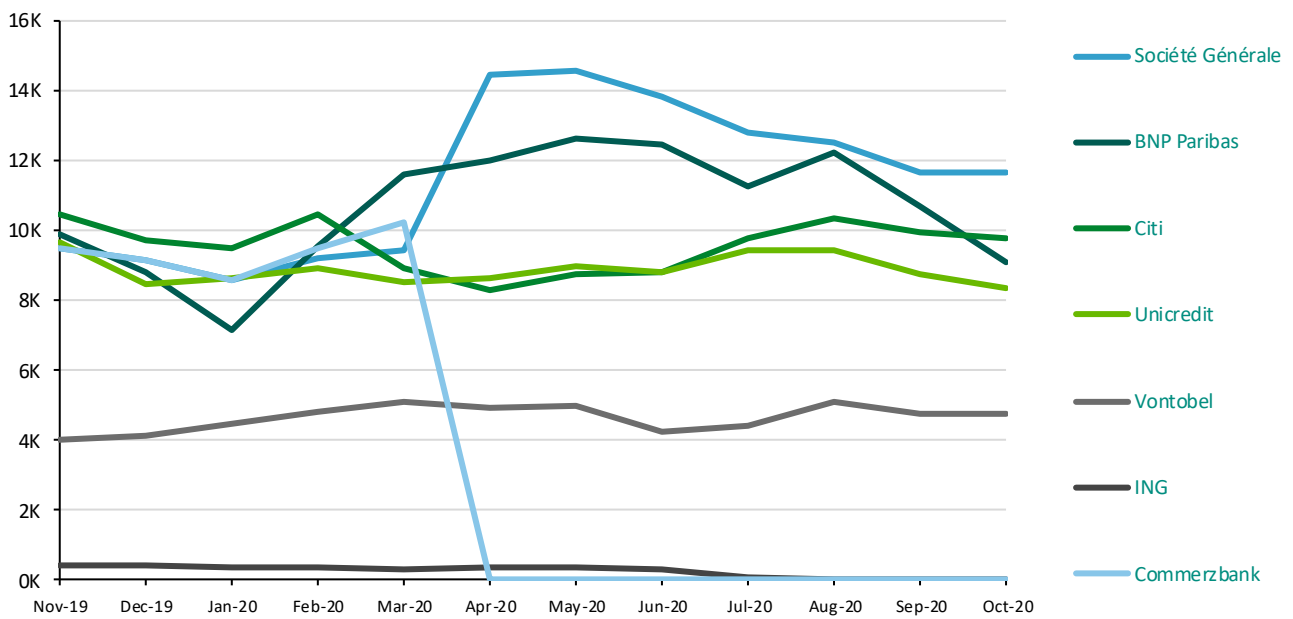
(Source Euronext)



# ISSUERS

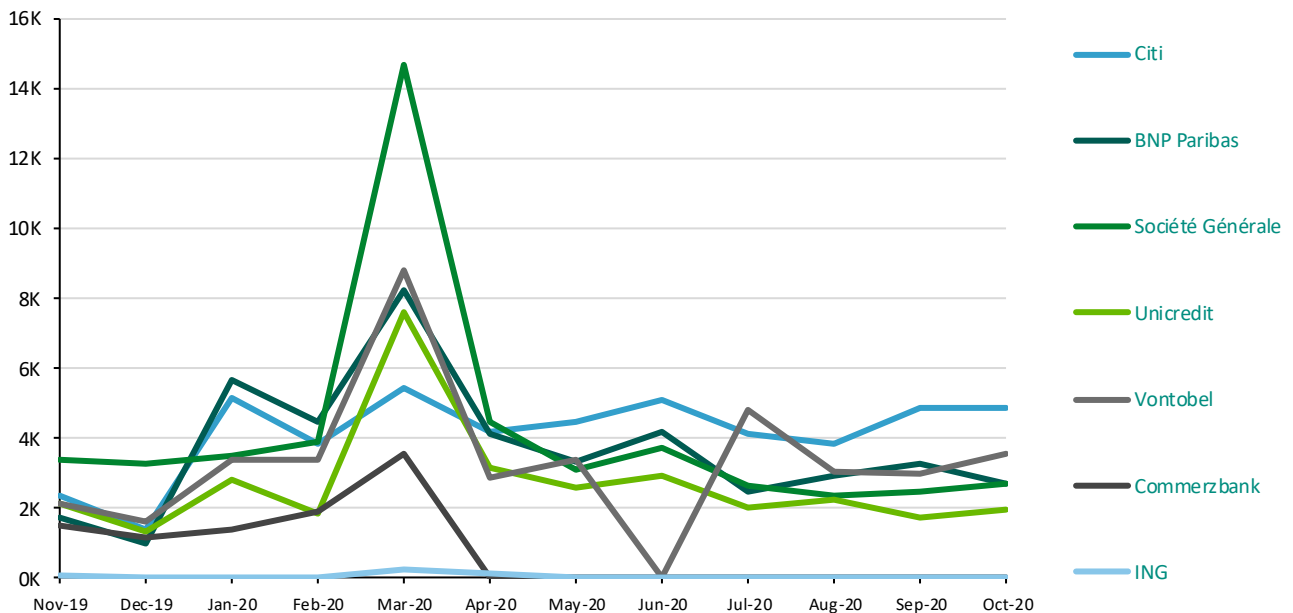
## Product Trend: Number of Live Products

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)

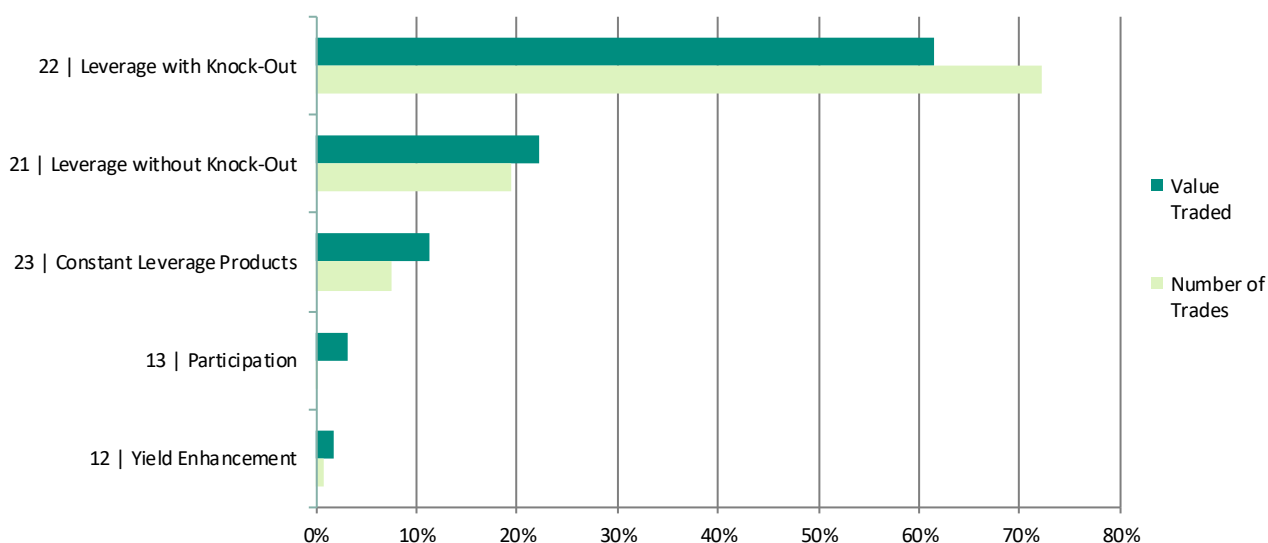
### Market Overview

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	12,291	-8.7%	-0.7%	61.6%	5,276	-3.3%	5.5%	72.2%
21   Leverage without Knock-Out	4,417	-8.0%	-15.7%	22.1%	1,416	-14.8%	-12.0%	19.4%
23   Constant Leverage Products	2,264	5.2%	-7.8%	11.3%	551	-8.2%	-24.3%	7.5%
13   Participation	635	-43%	6.9%	3.2%	17	-2.9%	-78.9%	0.2%
12   Yield Enhancement	347	6.9%	7.2%	1.7%	47	4.2%	-7.8%	0.6%
<b>Total</b>	<b>19,954</b>	<b>-8.7%</b>	<b>-5.0%</b>	<b>100%</b>	<b>7,307</b>	<b>-6.1%</b>	<b>-2.1%</b>	<b>100%</b>

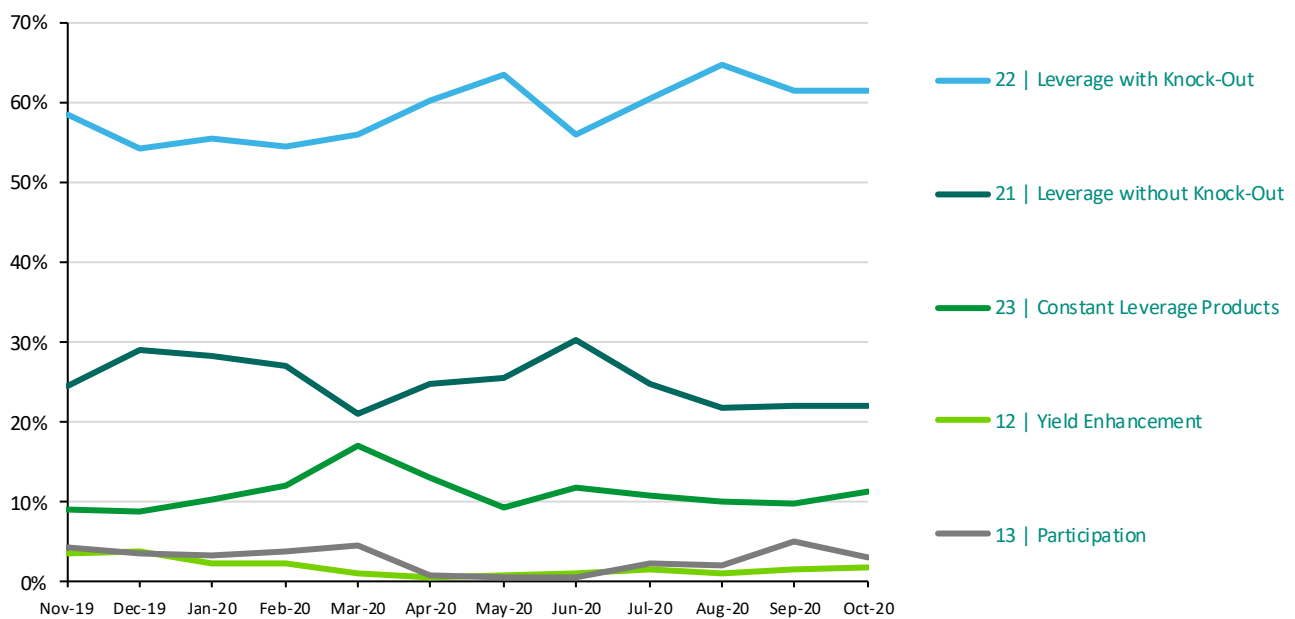
(Source Euronext)



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

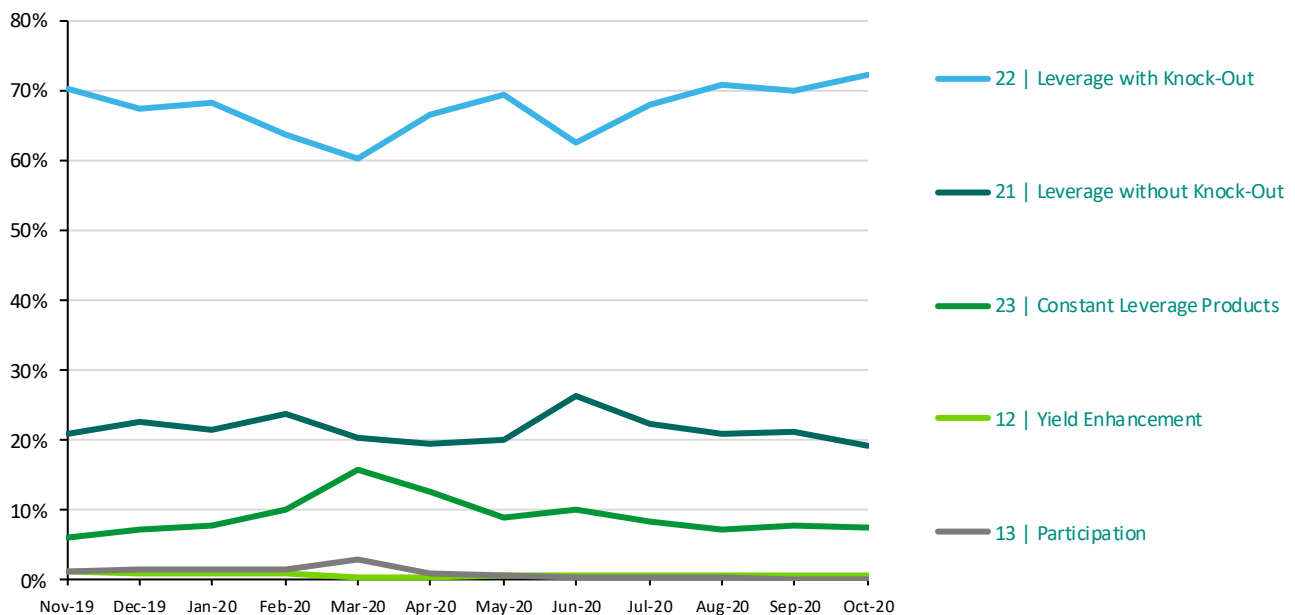
## Market Trend: Value traded

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)

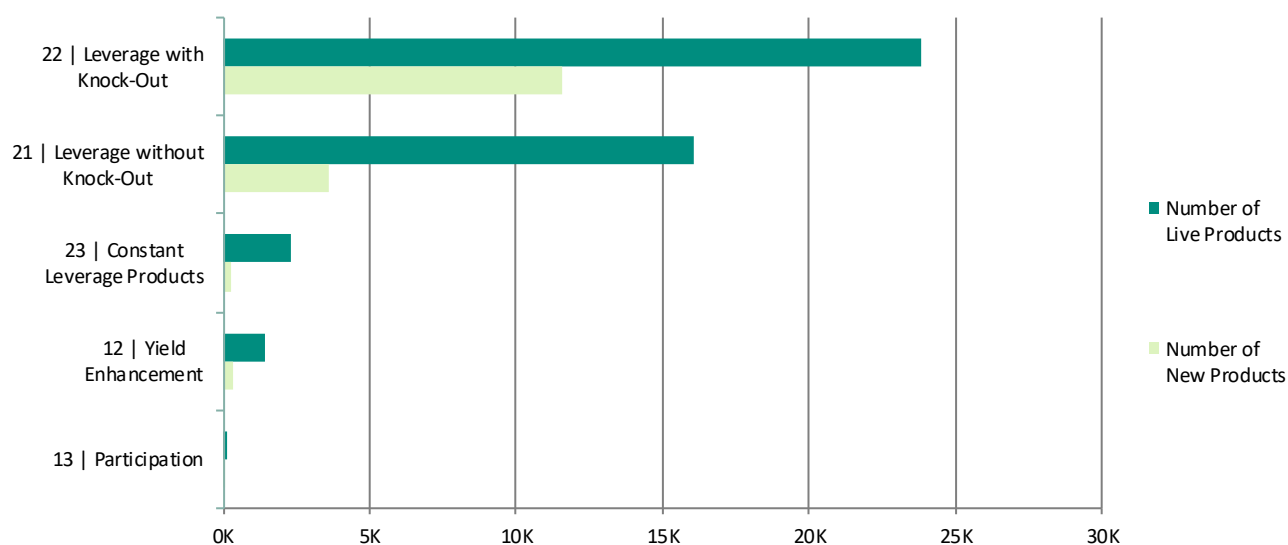
### Product Overview

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	23,817	-4.1%	-6.1%	54.5%	11,579	-5.6%	-19.1%	73.3%
21   Leverage without Knock-Out	16,052	-8.8%	-22%	36.7%	3,626	39%	-9.9%	22.9%
23   Constant Leverage Products	2,308	8.8%	11.4%	5.3%	240	10.1%	-24%	1.5%
12   Yield Enhancement	1,413	13.0%	4.7%	3.2%	344	59%	44%	2.2%
13   Participation	133	3.9%	1.4%	0.3%	15		11.8%	0.1%
<b>Total</b>	<b>43,724</b>	<b>-4.8%</b>	<b>-11.4%</b>	<b>100%</b>	<b>15,804</b>	<b>3.2%</b>	<b>-16.4%</b>	<b>100%</b>

(Source Euronext)

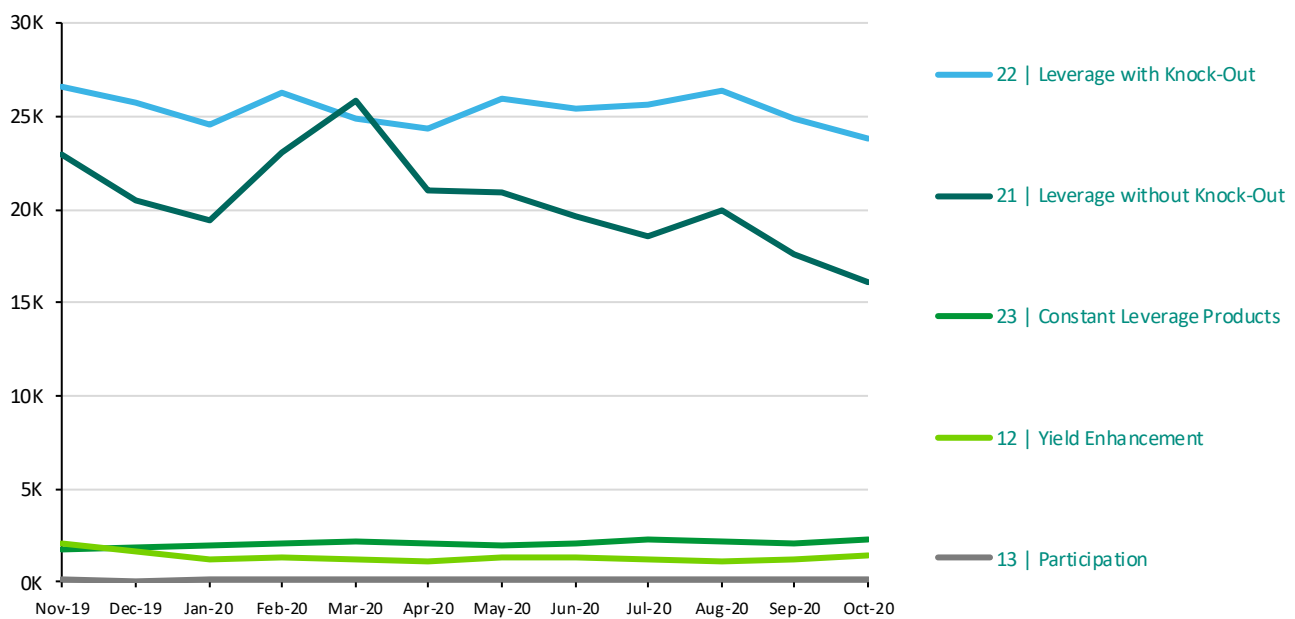




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

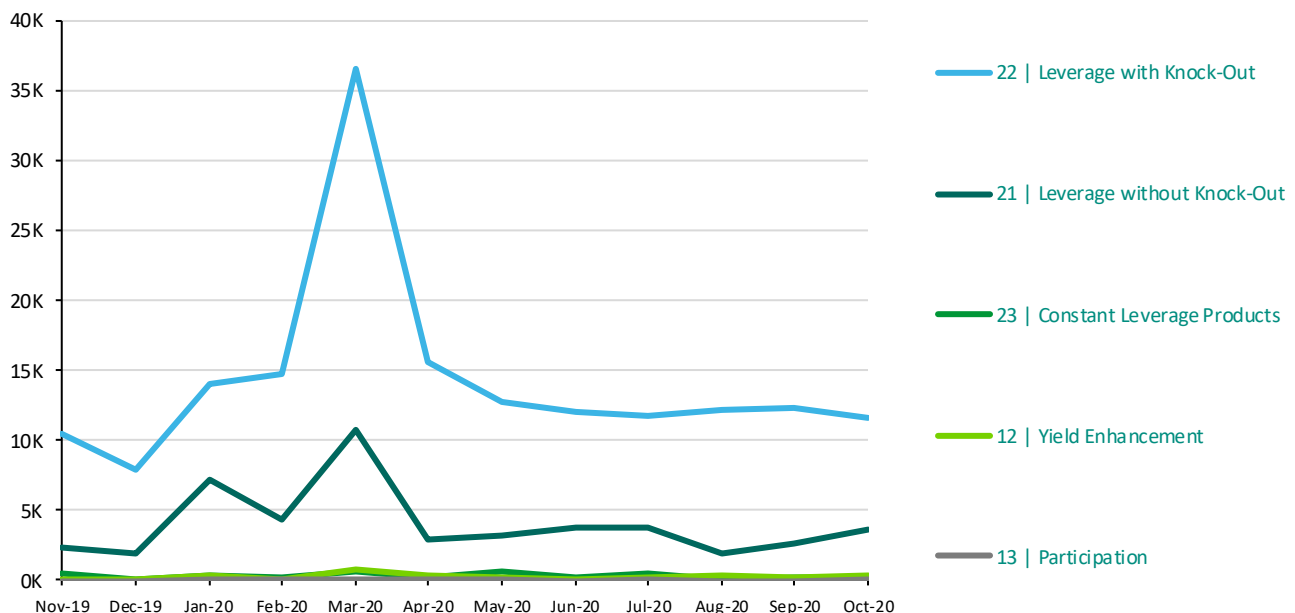
## Product Trend: Number of Live Products

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)

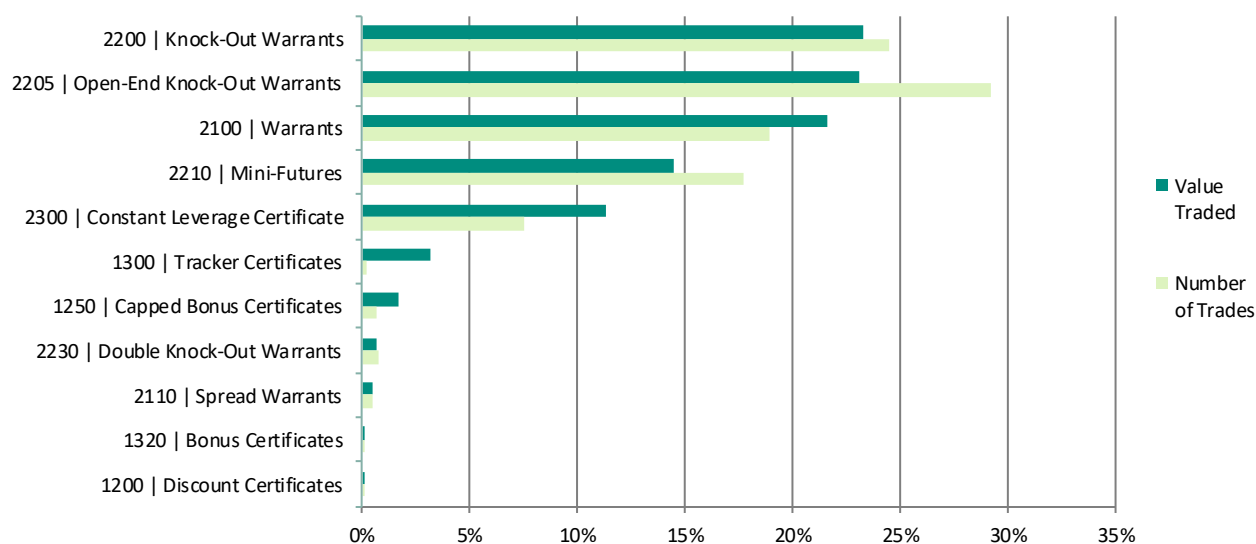
## Market Overview

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
2200   Knock-Out Warrants	4,652	-11.4%	14.1%	23.3%	1,788	-0.4%	11.7%	24.5%
2205   Open-End Knock-Out Warrants	4,617	0.5%	-6.6%	23.1%	2,134	-1.2%	5.7%	29.2%
2100   Warrants	4,318	-8.3%	-15.8%	21.6%	1,382	-15.6%	-12.8%	18.9%
2210   Mini-Futures	2,885	-17.3%	-11.5%	14.5%	1,298	-10.8%	-3.3%	17.8%
2300   Constant Leverage Certificate	2,264	5.2%	-7.8%	11.3%	551	-8.2%	-24%	7.5%
1300   Tracker Certificates	635	-43%	7.2%	3.2%	16	-2.7%	-79%	0.2%
1250   Capped Bonus Certificates	347	7.0%	7.4%	1.7%	47	4.4%	-7.6%	0.6%
2230   Double Knock-Out Warrants	136	5.2%	36%	0.7%	56	23%	47%	0.8%
2110   Spread Warrants	99	8.3%	-10.8%	0.5%	34	37%	42%	0.5%
1320   Bonus Certificates	1	-2.2%	-70%	0.0%	0.1	-25%	-58%	0.0%
1200   Discount Certificates	0	-88%	-96%	0.0%	0.0	-67%	-79%	0.0%
<b>Total</b>	<b>19,954</b>	<b>-8.7%</b>	<b>-5.0%</b>	<b>100%</b>	<b>7,307</b>	<b>-6.1%</b>	<b>-2.1%</b>	<b>100%</b>

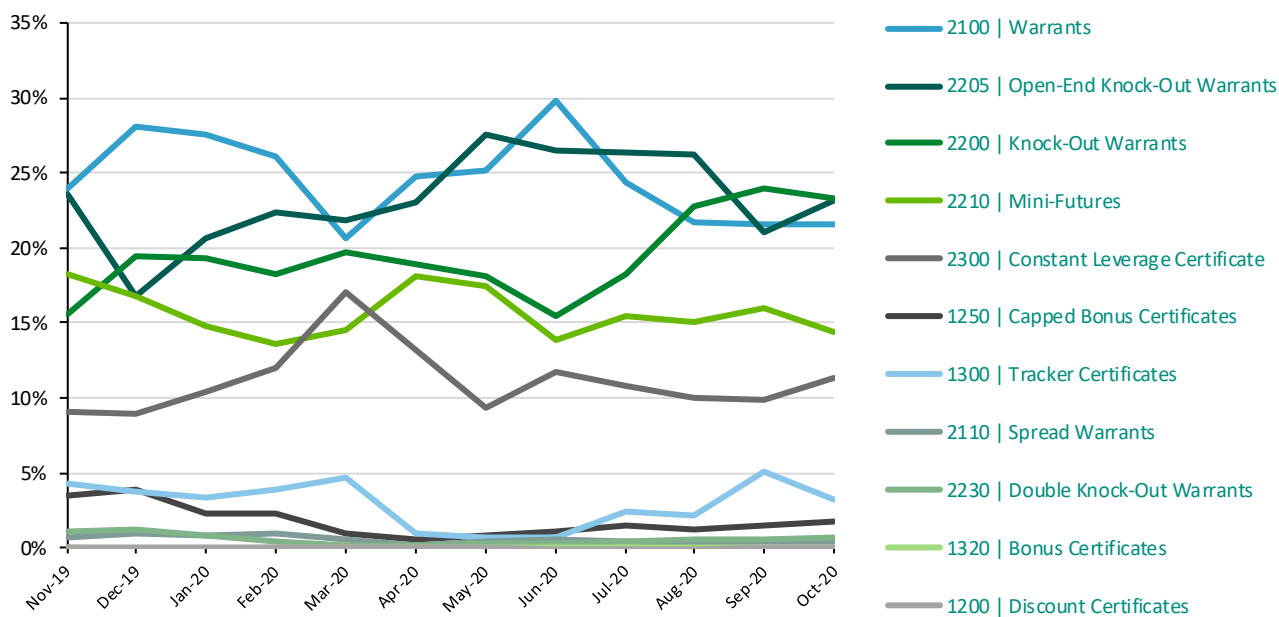
(Source Euronext)



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

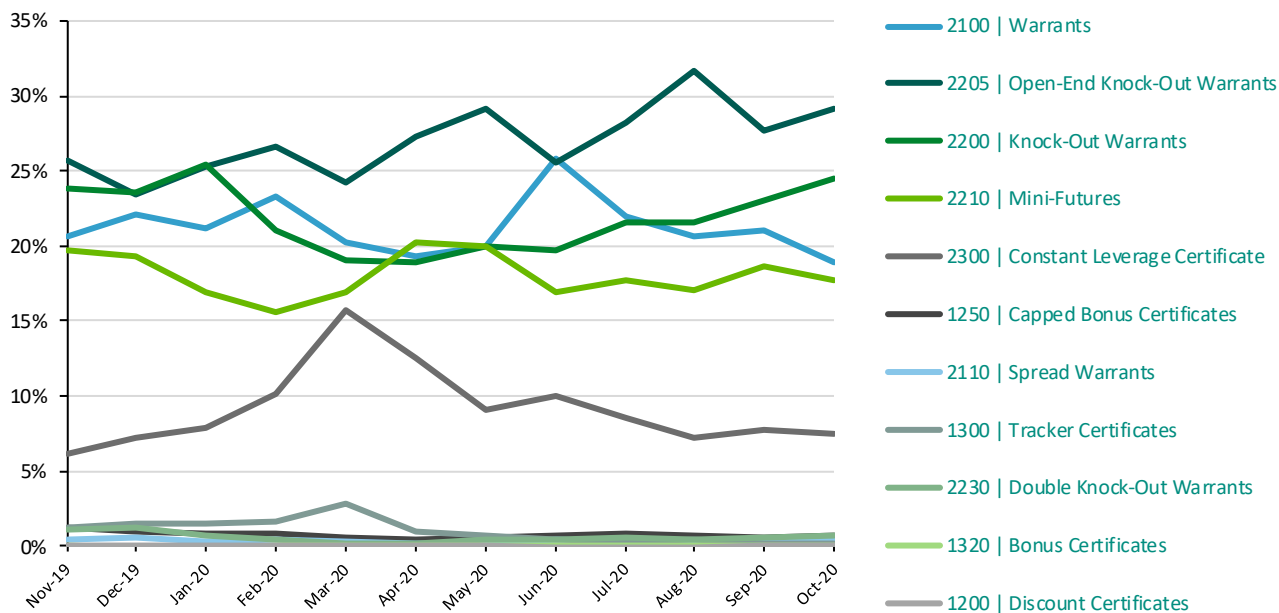
## Market Trend: Value traded

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)

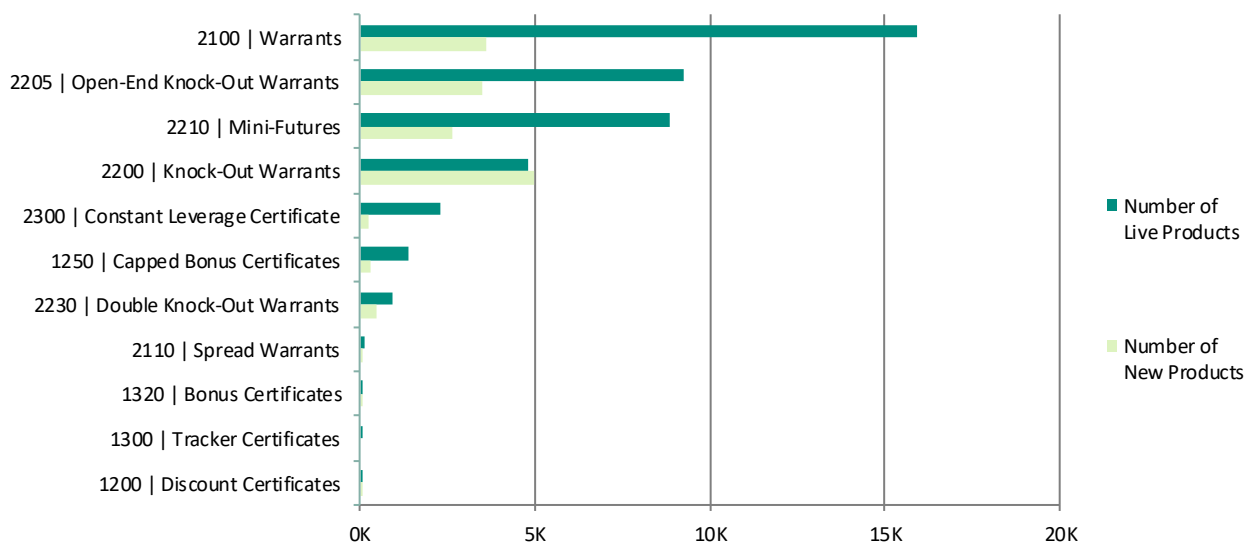
## Product Overview

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	15,917	-8.8%	-22%	36.4%	3,590	39%	-9.8%	22.7%
2205   Open-End Knock-Out Warrants	9,266	1.3%	4.4%	21.2%	3,484	-13.8%	-18.4%	22.0%
2210   Mini-Futures	8,838	-1.3%	-1.9%	20.2%	2,651	-8.3%	-28%	16.8%
2200   Knock-Out Warrants	4,786	-21%	-30%	10.9%	4,965	1.4%	-18.6%	31.4%
2300   Constant Leverage Certificate	2,308	8.8%	11.4%	5.3%	240	10.1%	-24%	1.5%
1250   Capped Bonus Certificates	1,369	12.8%	6.7%	3.1%	326	51%	45%	2.1%
2230   Double Knock-Out Warrants	927	33%	46%	2.1%	479	9.4%	69%	3.0%
2110   Spread Warrants	136	-5.1%	-14.2%	0.3%	36	89%	-19.3%	0.2%
1320   Bonus Certificates	81	6.7%	28%	0.2%	15		13.9%	0.1%
1300   Tracker Certificates	52	-0.3%	-23%	0.1%	0		-100%	0.0%
1200   Discount Certificates	44	18.8%	-34%	0.1%	18		21%	0.1%
<b>Total</b>	<b>43,724</b>	<b>-4.8%</b>	<b>-11.4%</b>	<b>100%</b>	<b>15,804</b>	<b>3.2%</b>	<b>-16.4%</b>	<b>100%</b>

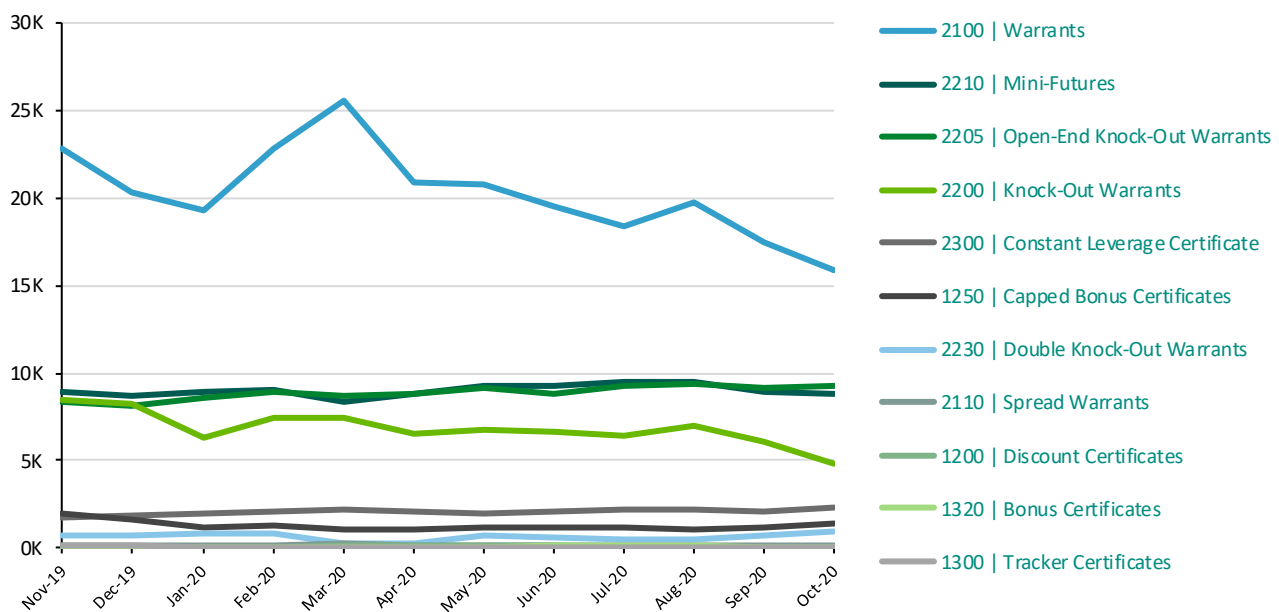
(Source Euronext)



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

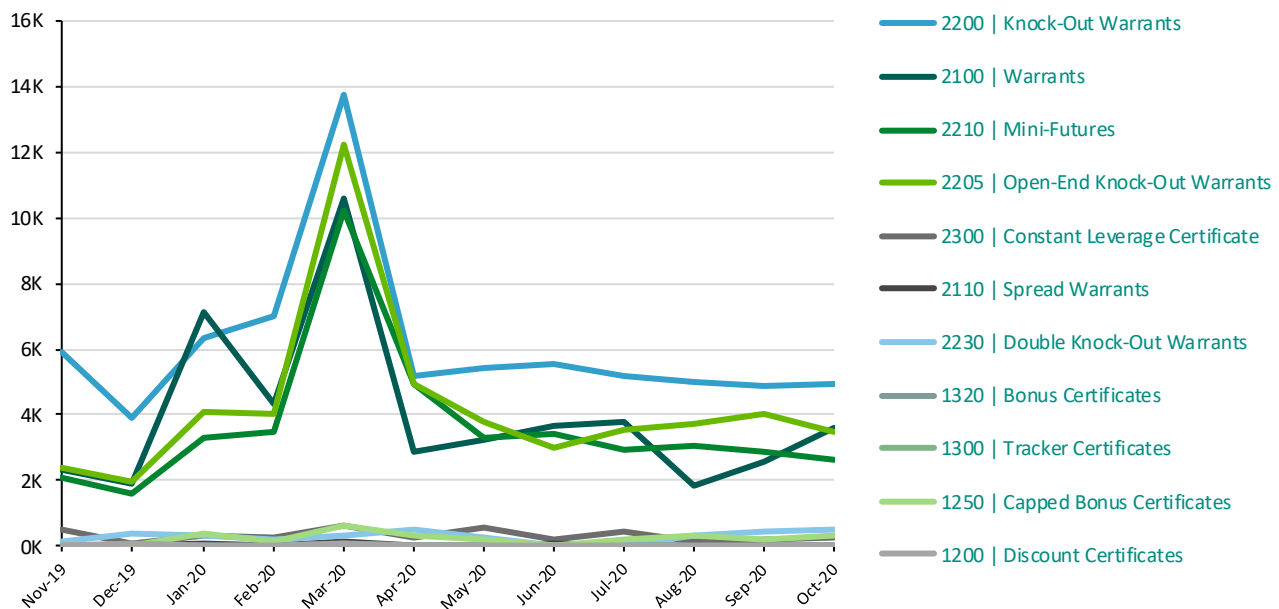
## Product Trend: Number of Live Products

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

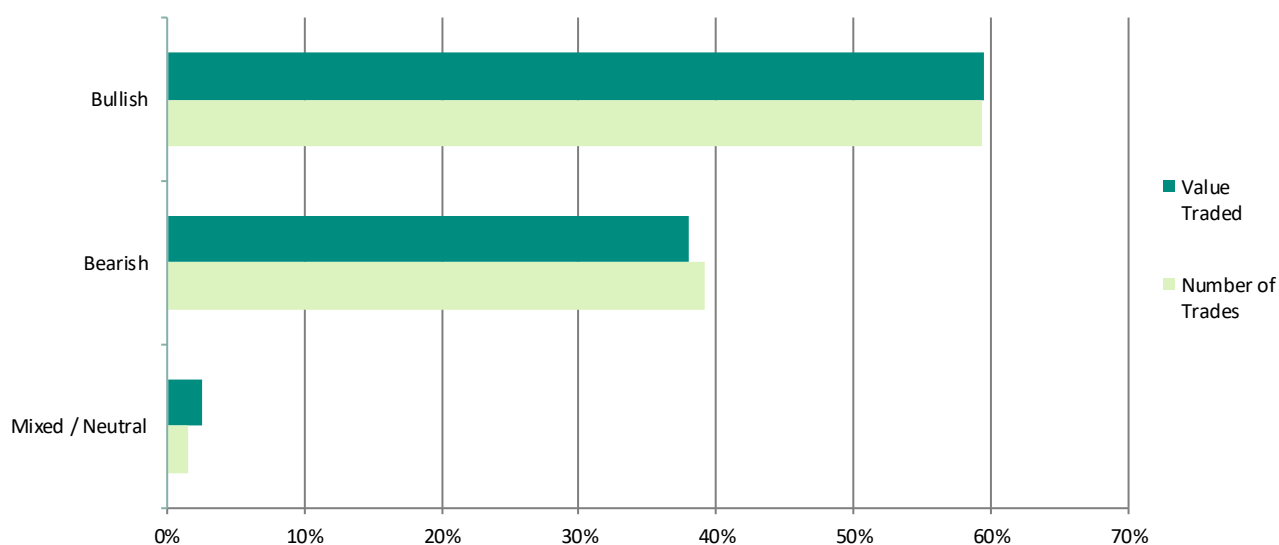
## Market Overview

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	11,880	-13.0%	-7.3%	59.5%	4,341	-10.5%	-3.0%	59.4%
Bearish	7,582	-1.7%	-1.1%	38.0%	2,859	1.0%	-0.9%	39.1%
Mixed / Neutral	492	1.2%	-4.6%	2.5%	107	9.1%	-0.3%	1.5%
<b>Total</b>	<b>19,954</b>	<b>-8.7%</b>	<b>-5.0%</b>	<b>100%</b>	<b>7,307</b>	<b>-6.1%</b>	<b>-2.1%</b>	<b>100%</b>

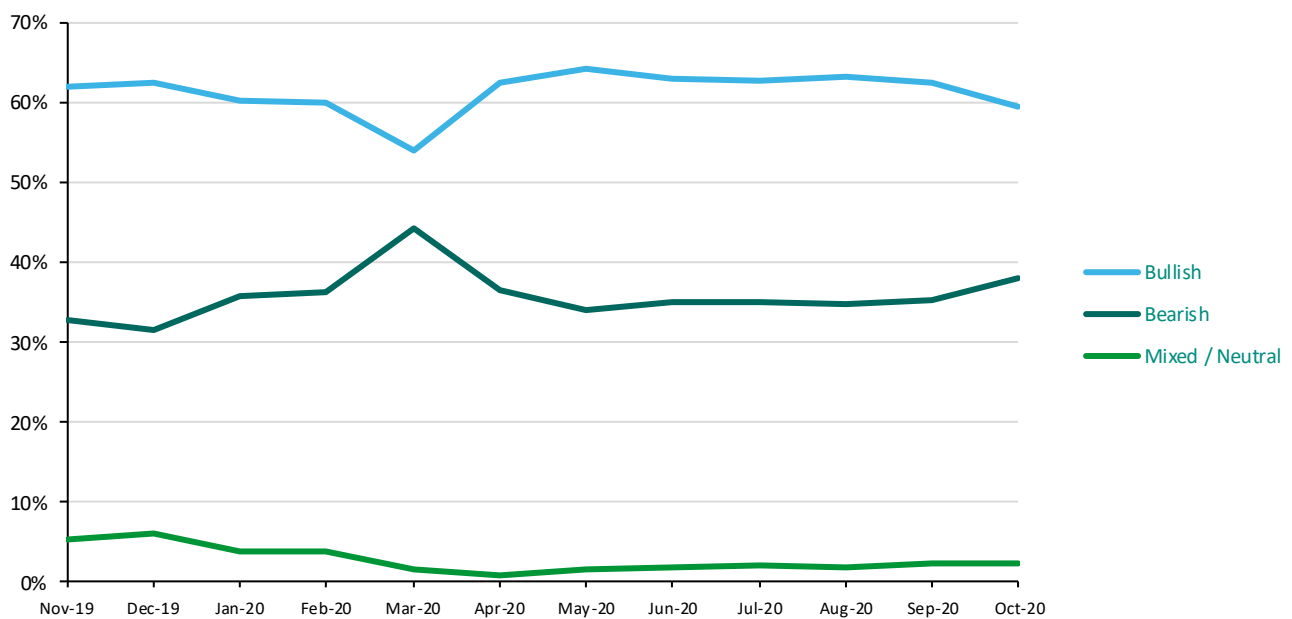
(Source Euronext)



# PRODUCT STRATEGIES

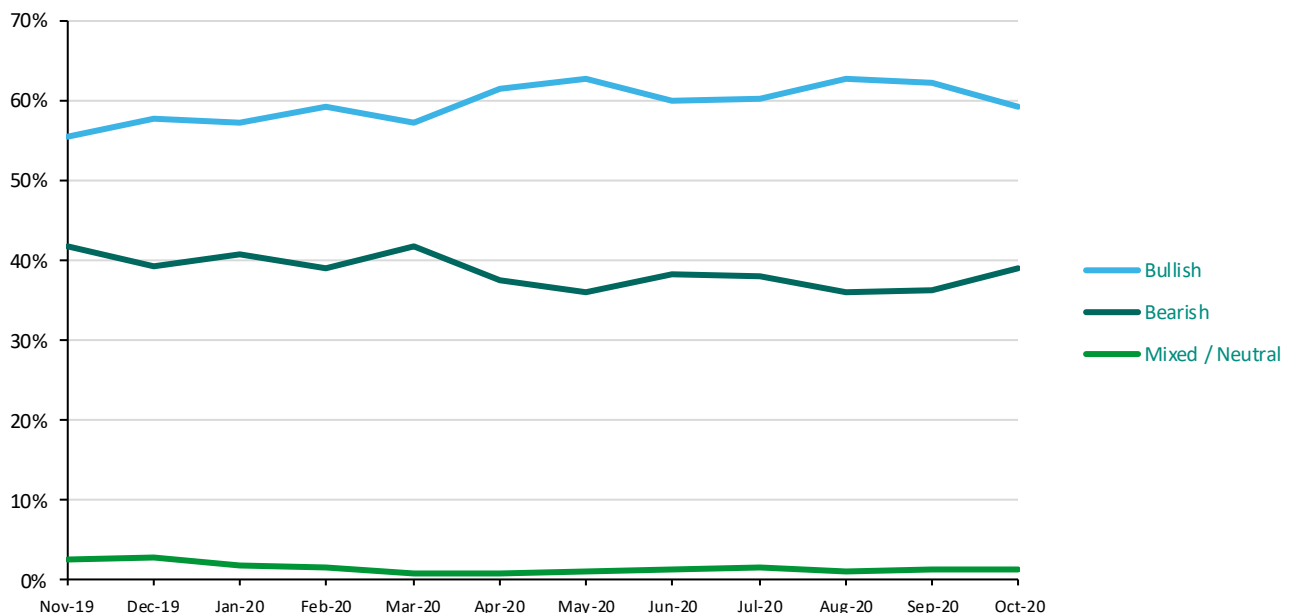
## Market Trend: Value traded

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

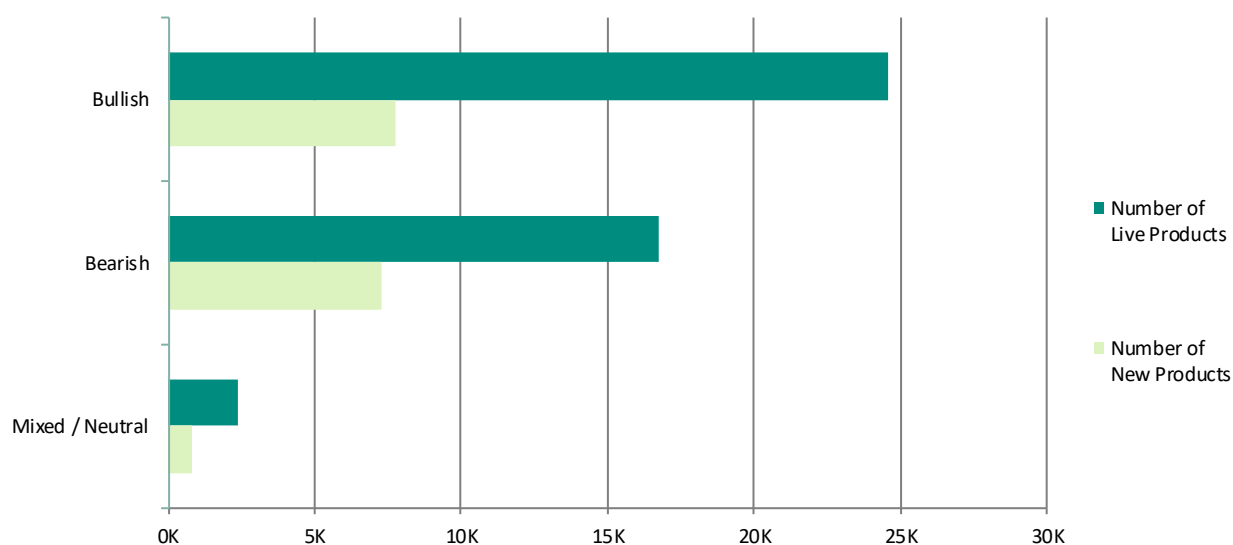
## Product Overview

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	24,559	-7.7%	-12.8%	56.2%	7,726	2.6%	-23%	48.9%
Bearish	16,779	-3.0%	-12.2%	38.4%	7,255	1.8%	-12.4%	45.9%
Mixed / Neutral	2,386	18.6%	12.8%	5.5%	823	26%	49%	5.2%
<b>Total</b>	<b>43,724</b>	<b>-4.8%</b>	<b>-11.4%</b>	<b>100%</b>	<b>15,804</b>	<b>3.2%</b>	<b>-16.4%</b>	<b>100%</b>

(Source Euronext)

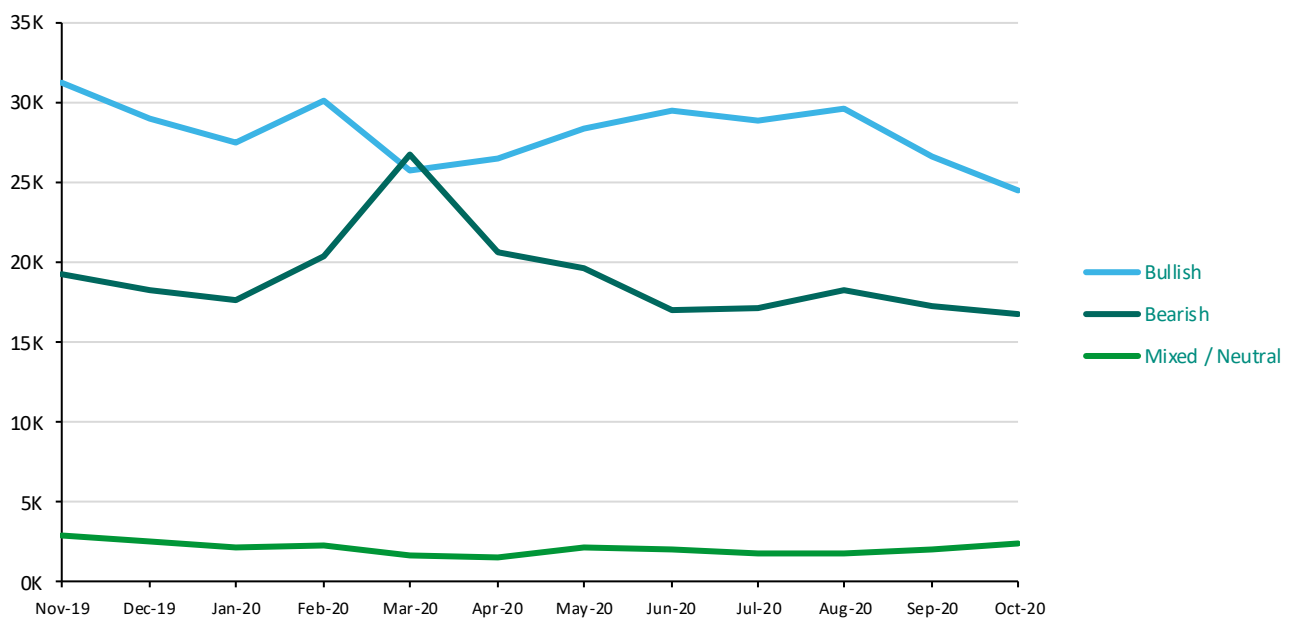




# PRODUCT STRATEGIES

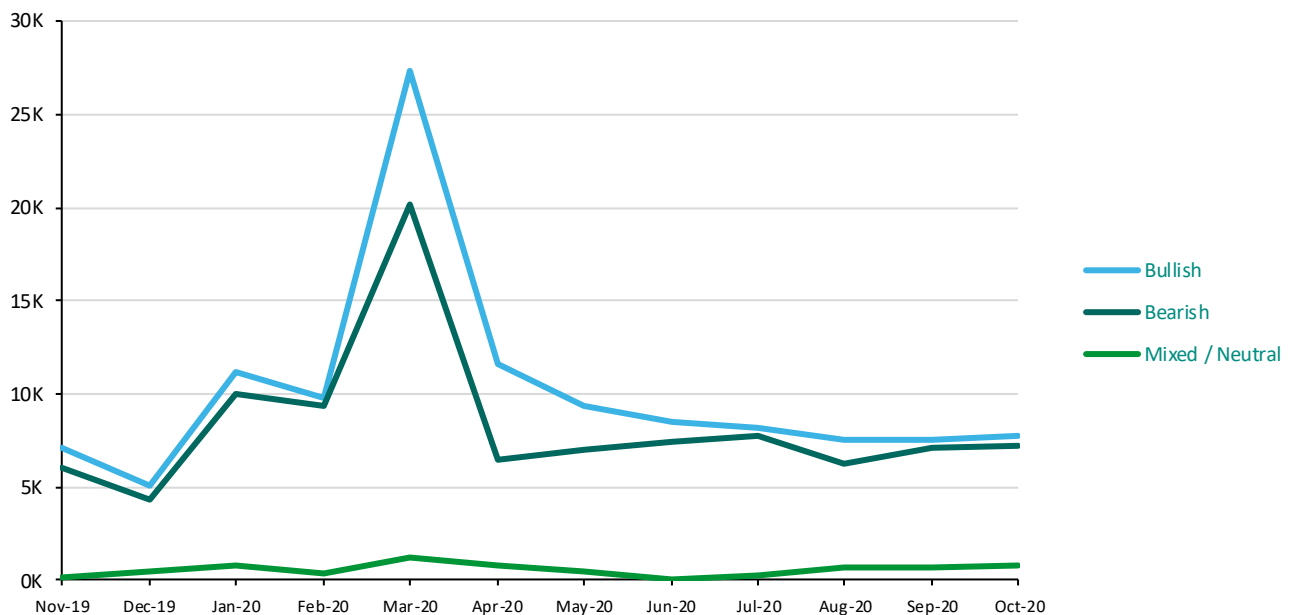
## Product Trend: Number of Live Products

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

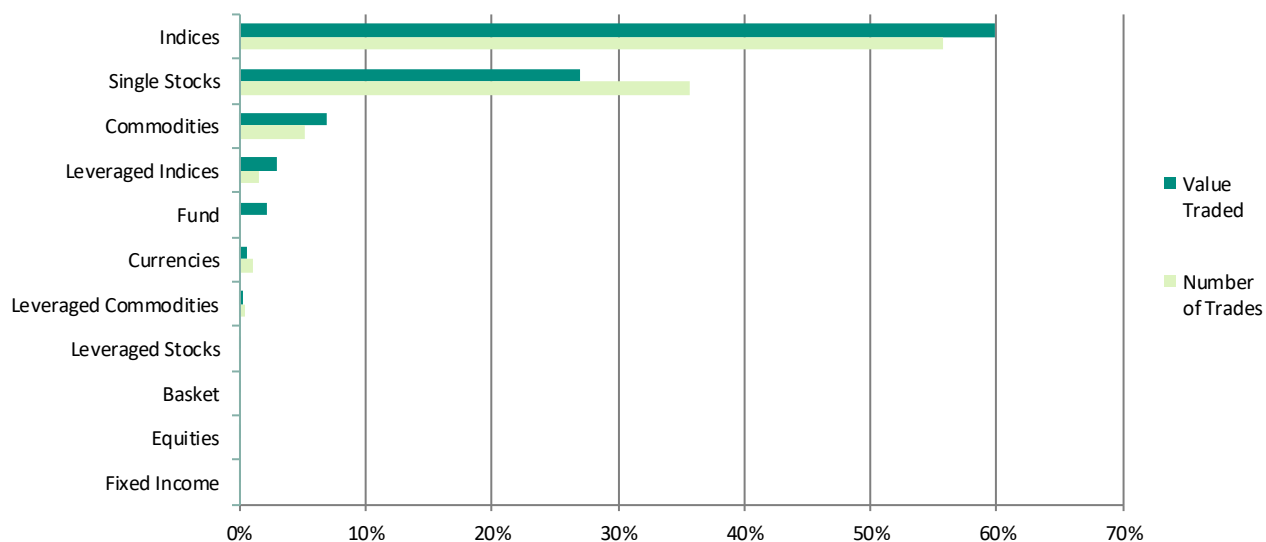
## Market Overview

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	11,960	-3.8%	11.1%	59.9%	4,075	0.0%	9.4%	55.8%
Single Stocks	5,374	-16.3%	-16.4%	26.9%	2,609	-12.2%	-6.1%	35.7%
Commodities	1,367	-33%	-10.6%	6.9%	377	-18.4%	-30.0%	5.2%
Leveraged Indices	602	140%	-34%	3.0%	114	4.4%	-56.4%	1.6%
Fund	435	28%	-57%	2.2%	3.6	-34.7%	-74.4%	0.0%
Currencies	116	-54%	-29%	0.6%	80	-18.8%	-6.9%	1.1%
Leveraged Commodities	48	-3.4%	-45%	0.2%	26	-17.5%	-40.9%	0.4%
Leveraged Stocks	24	-26%	37%	0.1%	11	-51.6%	-17.9%	0.1%
Basket	17	-43%	-69%	0.1%	1.1	-7.4%	-21.0%	0.0%
Equities	9	166%	497%	0.0%	7.2	259.1%	508.4%	0.1%
Fixed Income	1	-5.3%	-75%	0.0%	2.0	-6.4%	-38.3%	0.0%
<b>Total</b>	<b>19,954</b>	<b>-8.7%</b>	<b>-5.0%</b>	<b>100%</b>	<b>7,307</b>	<b>-6.1%</b>	<b>-2.1%</b>	<b>100%</b>

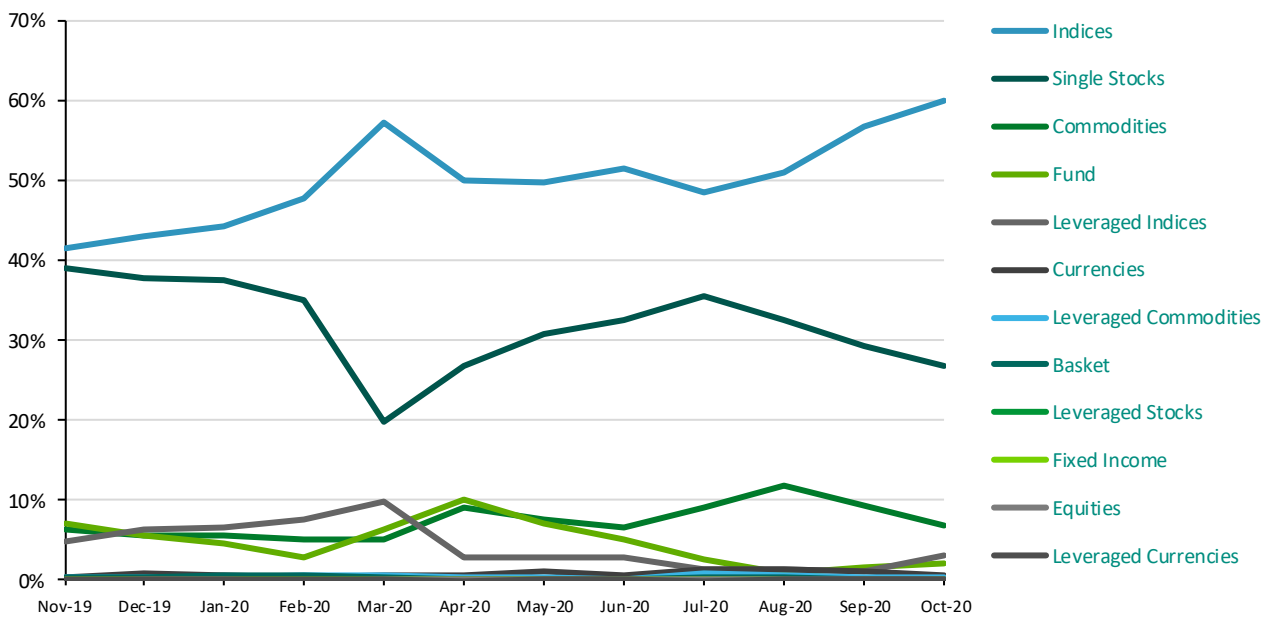
(Source Euronext)



# UNDERLYING TYPES

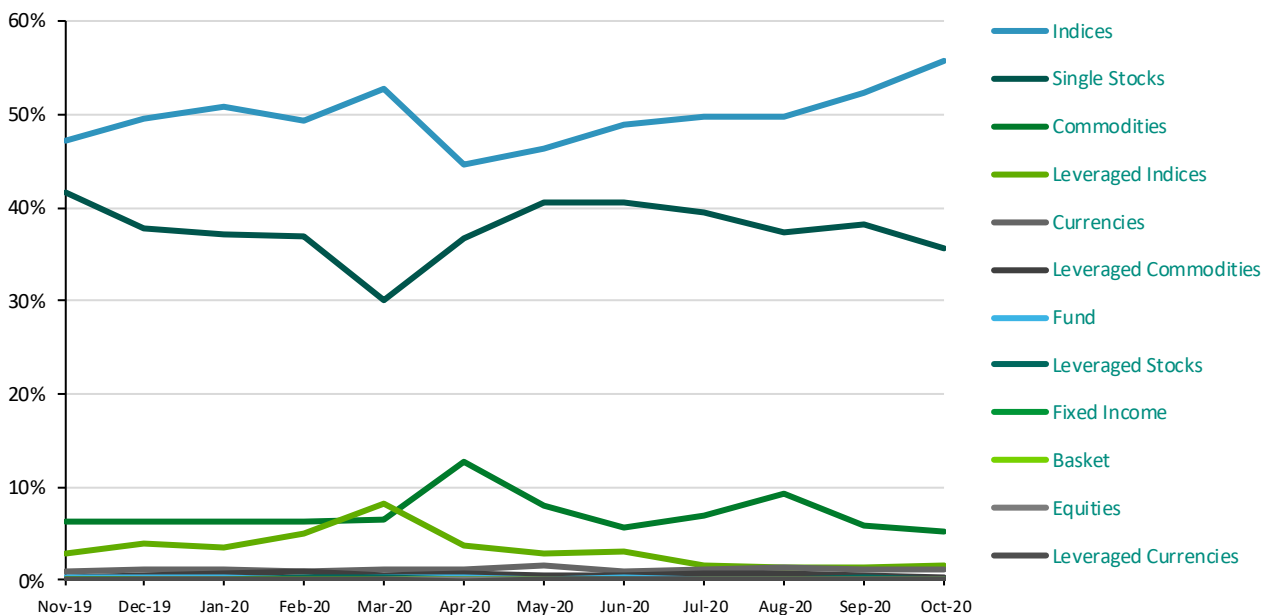
## Market Trend: Value traded

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

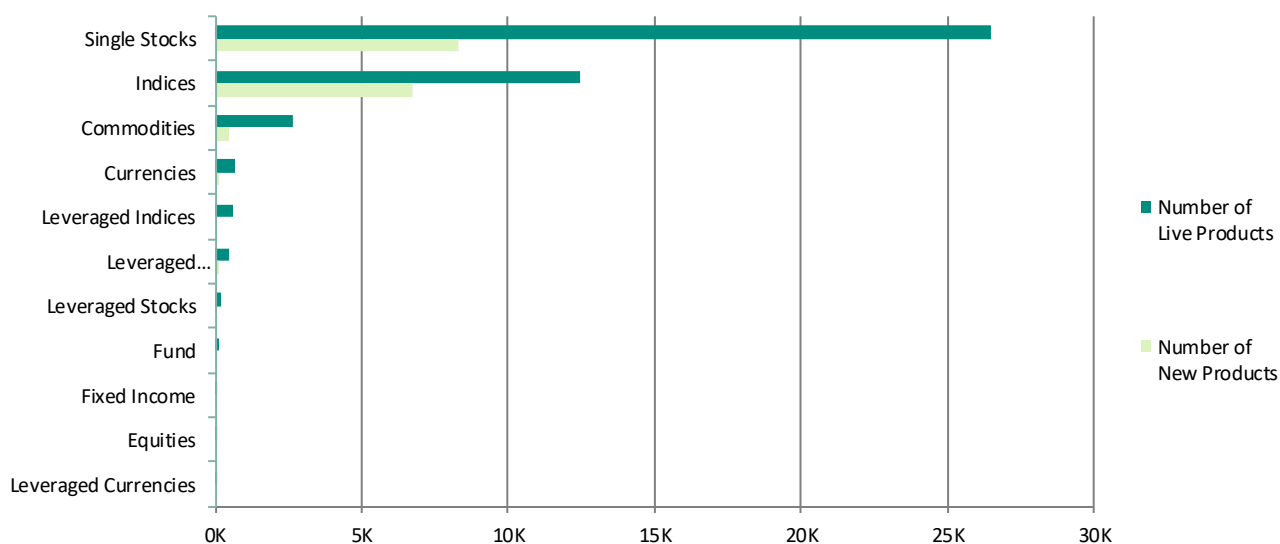
## Product Overview

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	26,462	-4.8%	-14.3%	60.5%	8,278	3.0%	-13.8%	52.4%
Indices	12,468	-7.5%	-10.4%	28.5%	6,764	10.1%	-15.5%	42.8%
Commodities	2,639	-1.3%	13.0%	6.0%	482	-38%	-47%	3.0%
Currencies	697	3.6%	-15.0%	1.6%	96	-20.0%	-35%	0.6%
Leveraged Indices	578	4.9%	3.0%	1.3%	14	-69%	-83%	0.1%
Leveraged Commodities	452	21%	2.3%	1.0%	91	12.3%	-11.0%	0.6%
Leveraged Stocks	191	54%	-6.7%	0.4%	57	0.0%	126%	0.4%
Fund	107	0.7%	8.5%	0.2%	1	0.0%	-37%	0.0%
Fixed Income	66	-9.5%	-12.0%	0.2%	1		-73%	0.0%
Equities	41	16.7%	294%	0.1%	20	-56%	83%	0.1%
Leveraged Currencies	17	0.0%	87%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>43,724</b>	<b>-4.8%</b>	<b>-11.4%</b>	<b>100%</b>	<b>15,804</b>	<b>3.2%</b>	<b>-16.4%</b>	<b>100%</b>

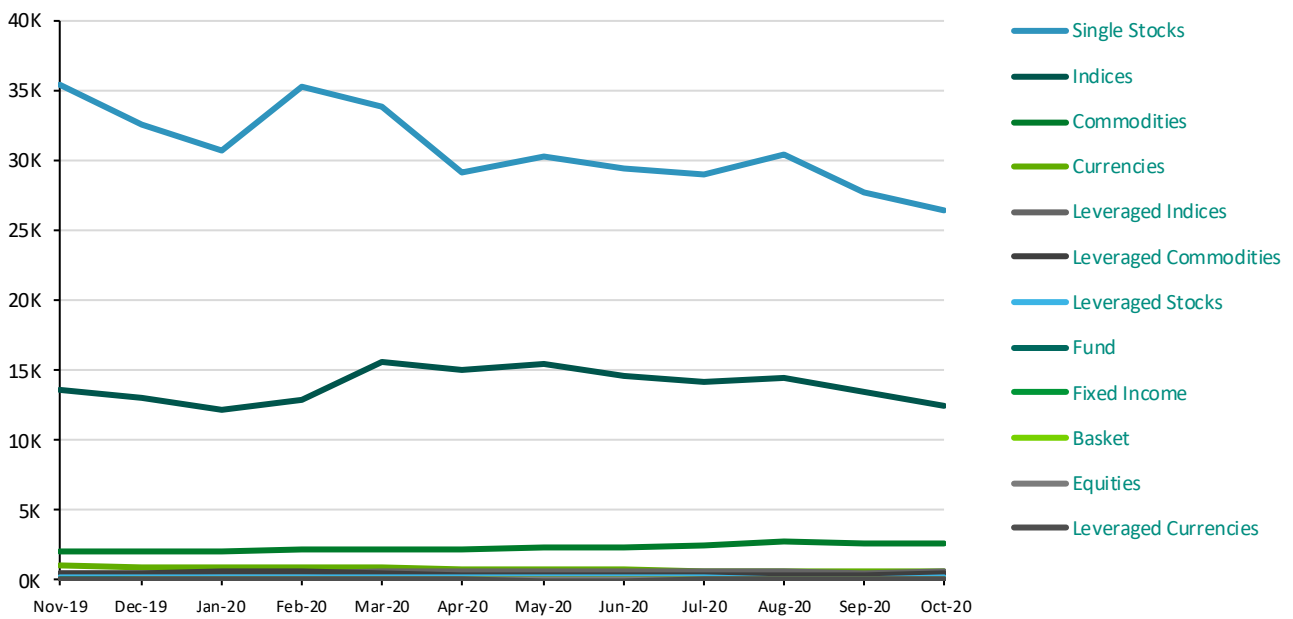
(Source Euronext)



# UNDERLYING TYPES

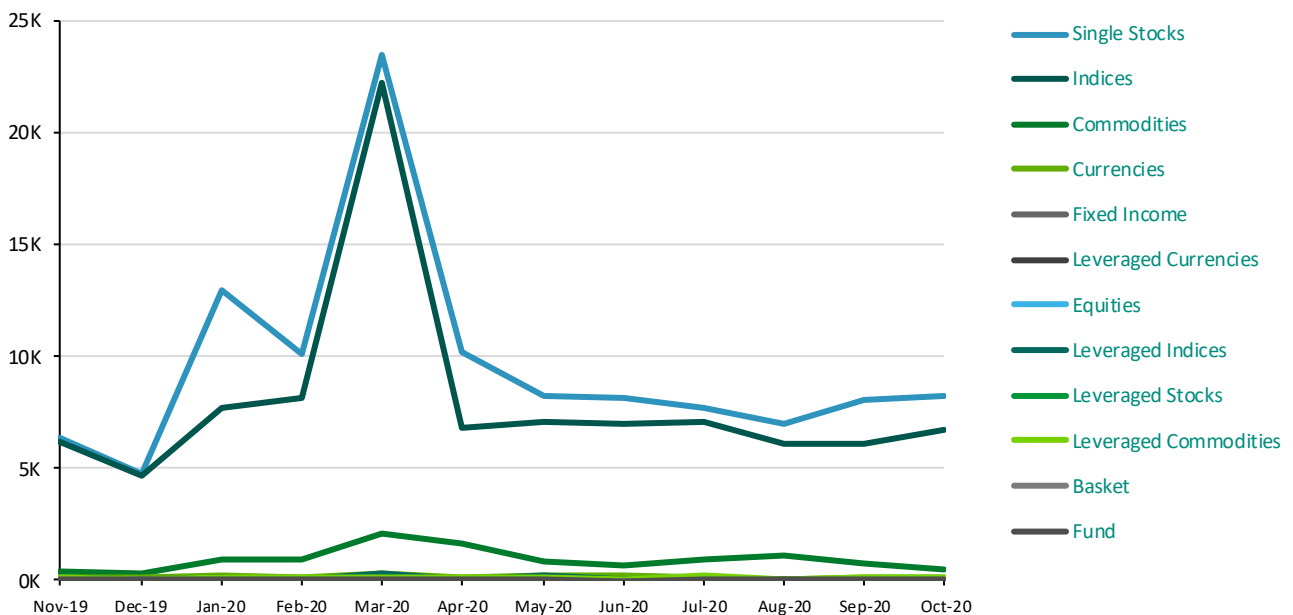
## Product Trend: Number of Live Products

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

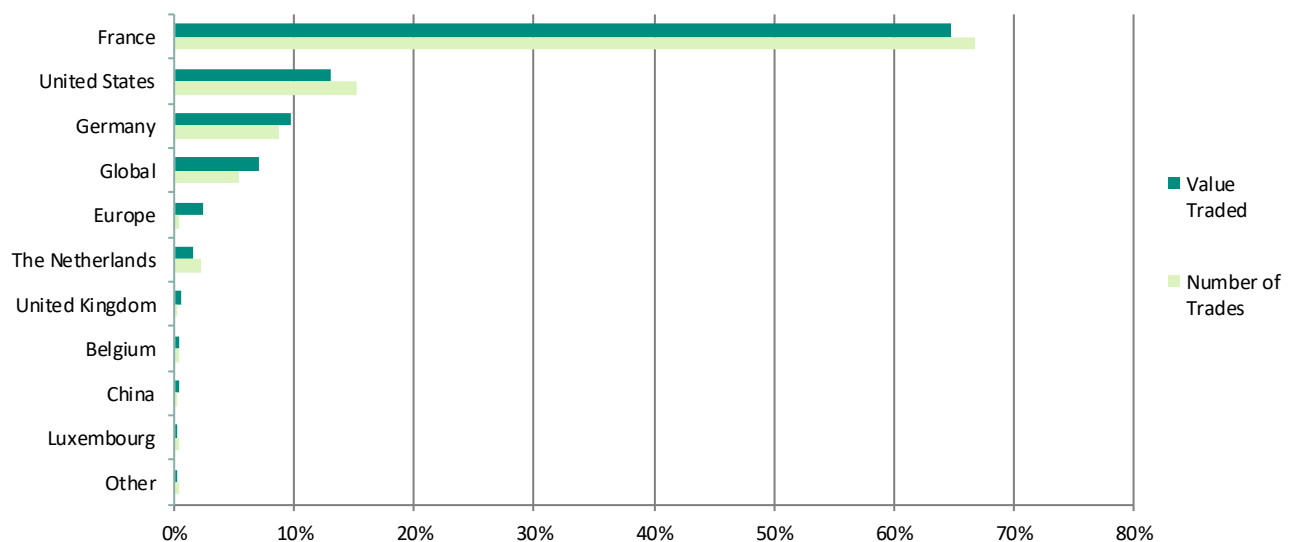
## Market Overview

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	12,922	-1.5%	4.6%	64.8%	4,882	-1.8%	1.5%	66.8%
United States	2,595	-30%	-25%	13.0%	1,113	-25%	-2.7%	15.2%
Germany	1,931	-5.4%	6.1%	9.7%	637	15.2%	4.5%	8.7%
Global	1,414	-33%	-12.2%	7.1%	386	-19.6%	-31%	5.3%
Europe	476	27%	-58%	2.4%	27	-28%	-52%	0.4%
The Netherlands	287	85%	38%	1.4%	156	31%	16.1%	2.1%
United Kingdom	108	41%	30%	0.5%	16	-6.2%	-21%	0.2%
Belgium	66	-31%	-39%	0.3%	31	-13.5%	-30%	0.4%
China	54	320%	41%	0.3%	4.4	96%	-26%	0.1%
Luxembourg	50	-44%	-56%	0.3%	28	-34%	-44%	0.4%
Other	51	-21%	-29%	0.3%	27	-19.9%	-28%	0.4%
<b>Total</b>	<b>19,954</b>	<b>-8.7%</b>	<b>-5.0%</b>	<b>100%</b>	<b>7,307</b>	<b>-6.1%</b>	<b>-2.1%</b>	<b>100%</b>

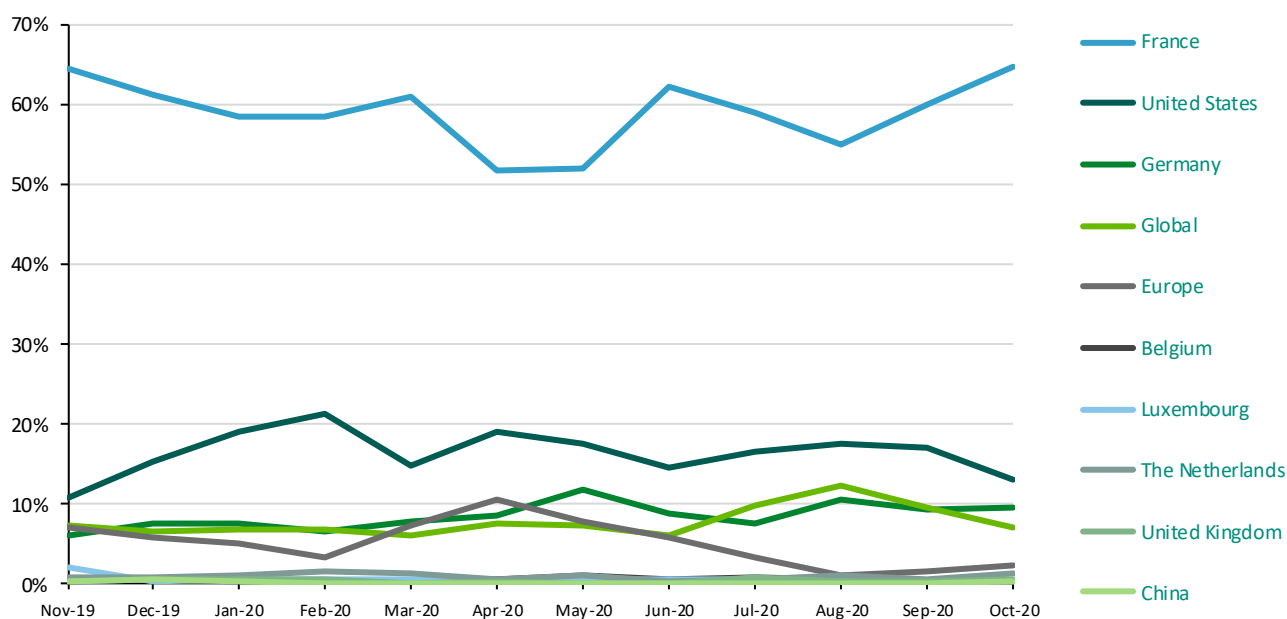
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

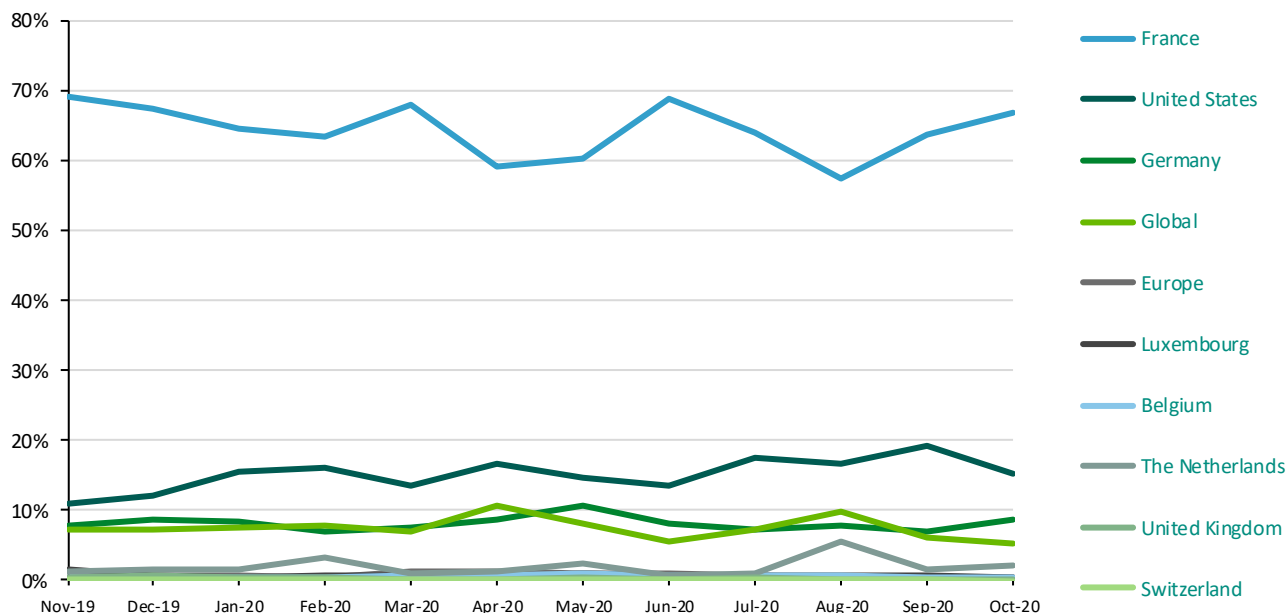
## Market Trend: Value traded

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

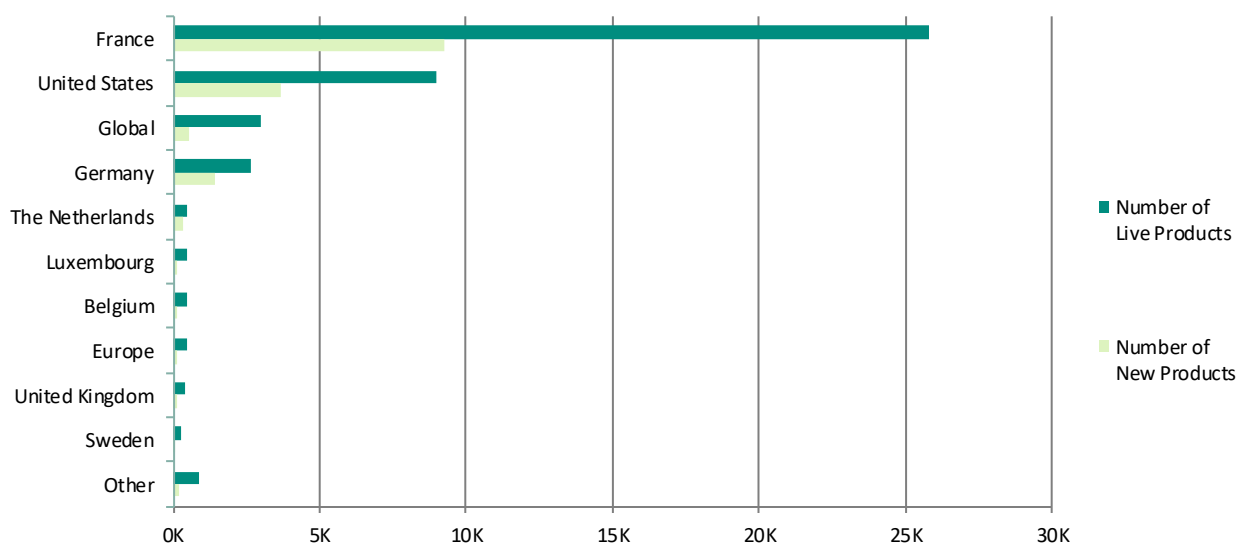
### Product Overview

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	25,824	-7.5%	-15.9%	59.1%	9,227	17.3%	-20%	58.4%
United States	8,972	0.5%	-0.8%	20.5%	3,671	-21%	-2.8%	23.2%
Global	2,949	2.0%	4.1%	6.7%	536	-29%	-41%	3.4%
Germany	2,663	-9.3%	-18.2%	6.1%	1,388	25%	-12.4%	8.8%
The Netherlands	491	1.7%	5.5%	1.1%	300	-1.6%	29%	1.9%
Luxembourg	474	-6.1%	-17.5%	1.1%	124	2.5%	-41%	0.8%
Belgium	445	-2.7%	-2.5%	1.0%	90	-27%	-26%	0.6%
Europe	430	4.8%	-11.4%	1.0%	95	107%	-33%	0.6%
United Kingdom	398	13.9%	4.6%	0.9%	134	5.5%	49%	0.8%
Sweden	238	-1.9%	2.5%	0.5%	72	-11.1%	10.6%	0.5%
Other	839	2.4%	-12.2%	1.9%	167	23%	-11.8%	1.1%
<b>Total</b>	<b>43,724</b>	<b>-4.8%</b>	<b>-11.4%</b>	<b>100%</b>	<b>15,804</b>	<b>3.2%</b>	<b>-16.4%</b>	<b>100%</b>

(Source Euronext)

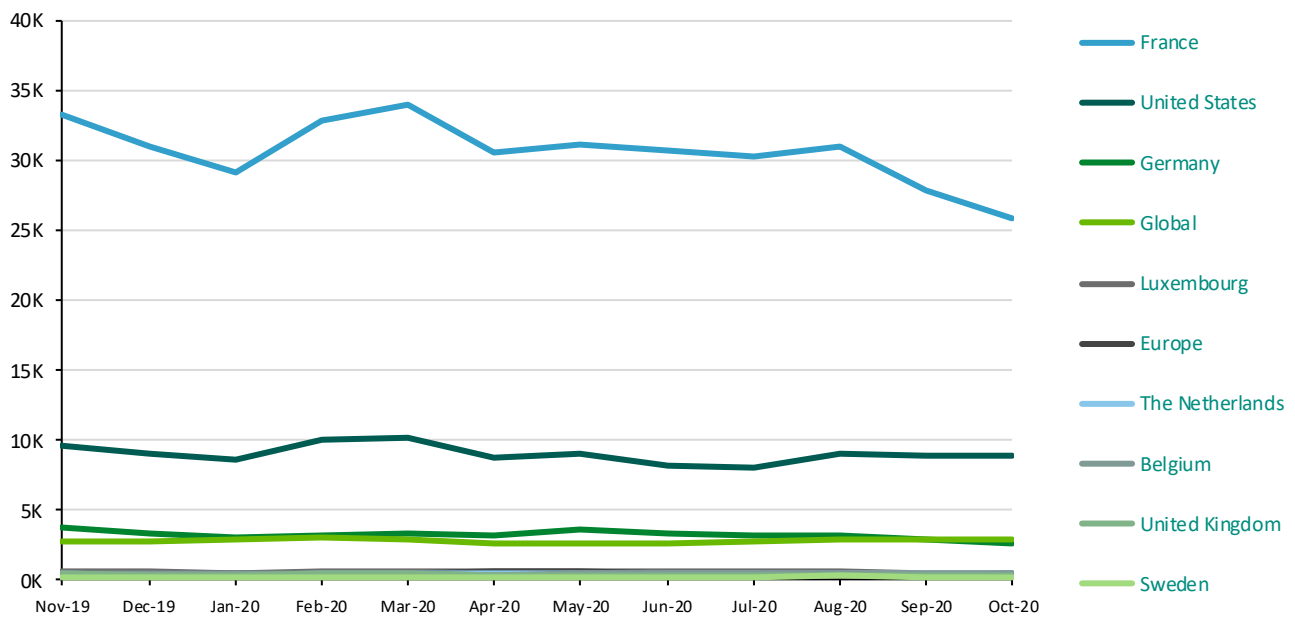




# TOP 10 UNDERLYING COUNTRIES

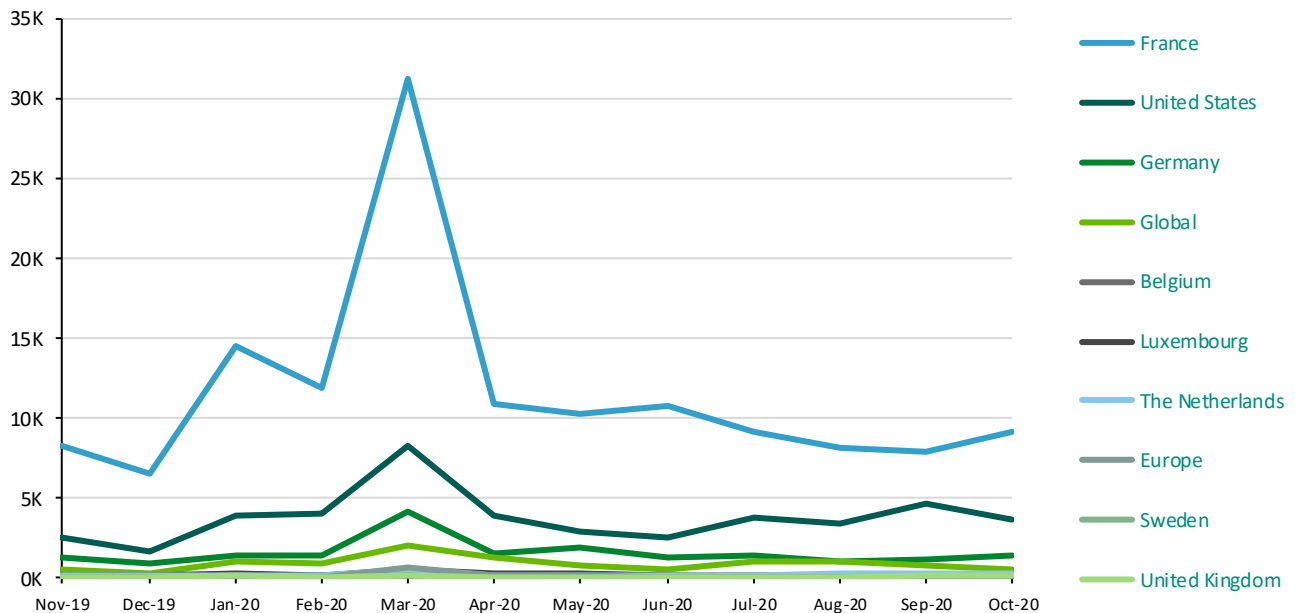
## Product Trend: Number of Live Products

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

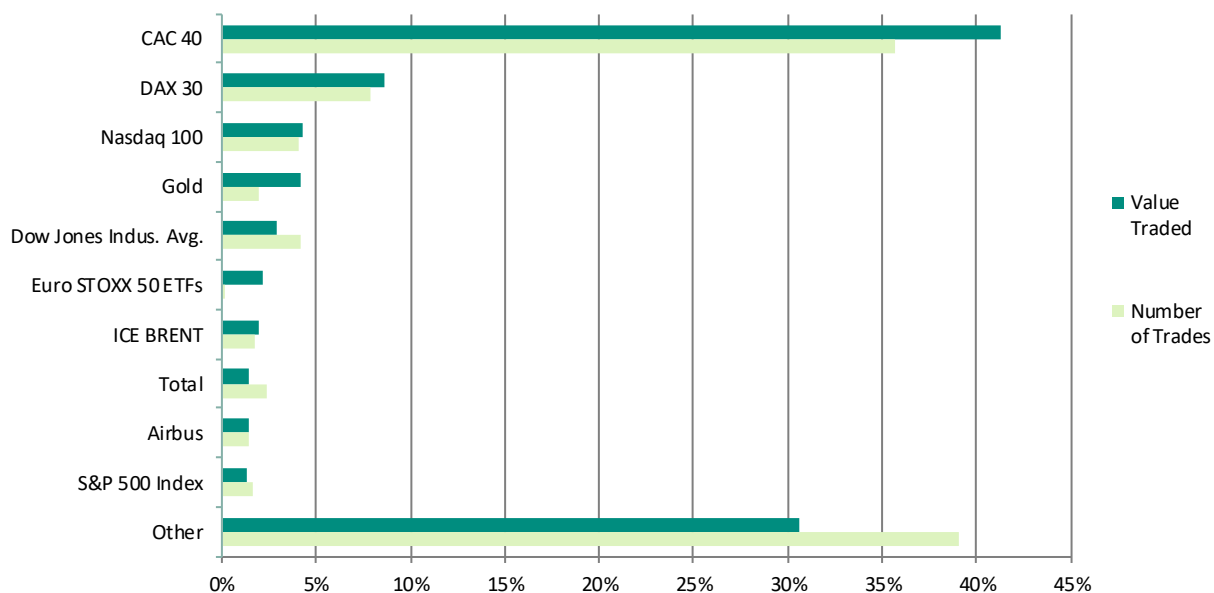
## Market Overview

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	8,233	0.5%	24%	41.3%	2,608	1.5%	13.3%	35.7%
DAX 30	1,714	-13.6%	2.2%	8.6%	574	10.7%	2.5%	7.9%
Nasdaq 100	860	-19.4%	13.0%	4.3%	294	-33%	15.8%	4.0%
Gold	823	-43%	28%	4.1%	143	-29%	-19.5%	2.0%
Dow Jones Indus. Avg.	577	-12.7%	-36%	2.9%	308	25%	27%	4.2%
Euro STOXX 50 ETFs	434	28%	-57%	2.2%	3.5	-37%	-75%	0.0%
ICE BRENT	394	18.9%	-18.0%	2.0%	124	15.6%	-34%	1.7%
Total	279	23%	-0.8%	1.4%	177	60%	34%	2.4%
Airbus	273	18.6%	-0.2%	1.4%	101	16.4%	-16.4%	1.4%
S&P 500 Index	260	-9.1%	-39%	1.3%	122	-11.9%	-29%	1.7%
Other	6,108	-14.0%	-23%	30.6%	2,853	-15.0%	-13.7%	39.0%
Total	19,954	-8.7%	-5.0%	100%	7,307	-6.1%	-2.1%	100%

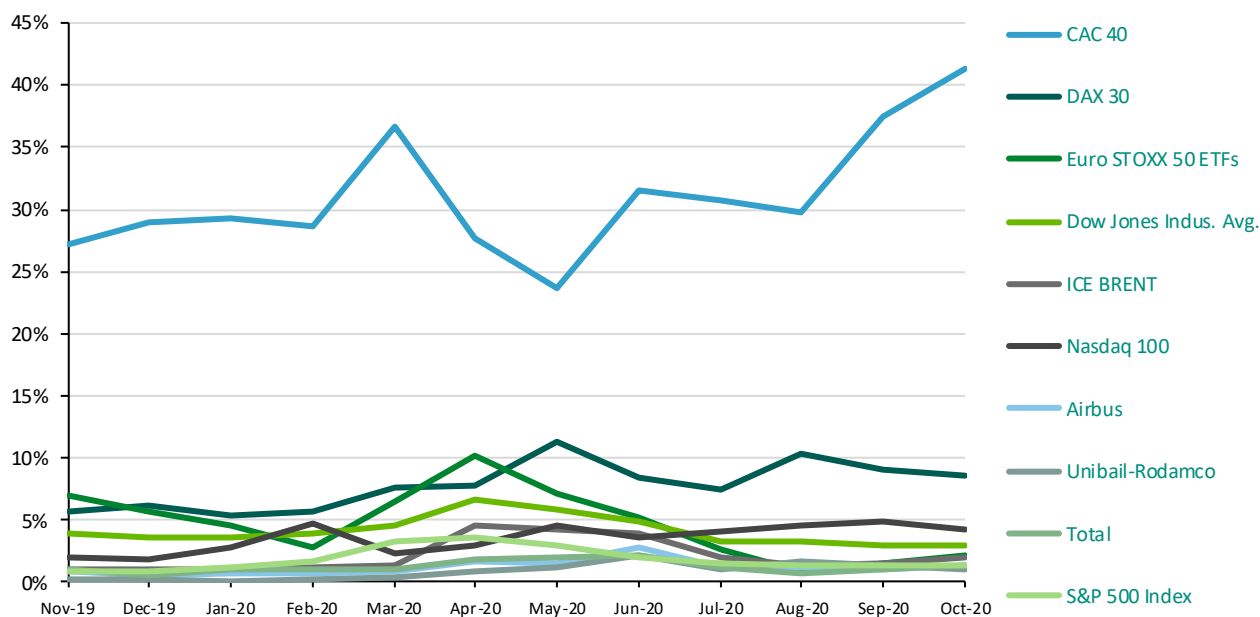
(Source Euronext)



# TOP 10 UNDERLYINGS

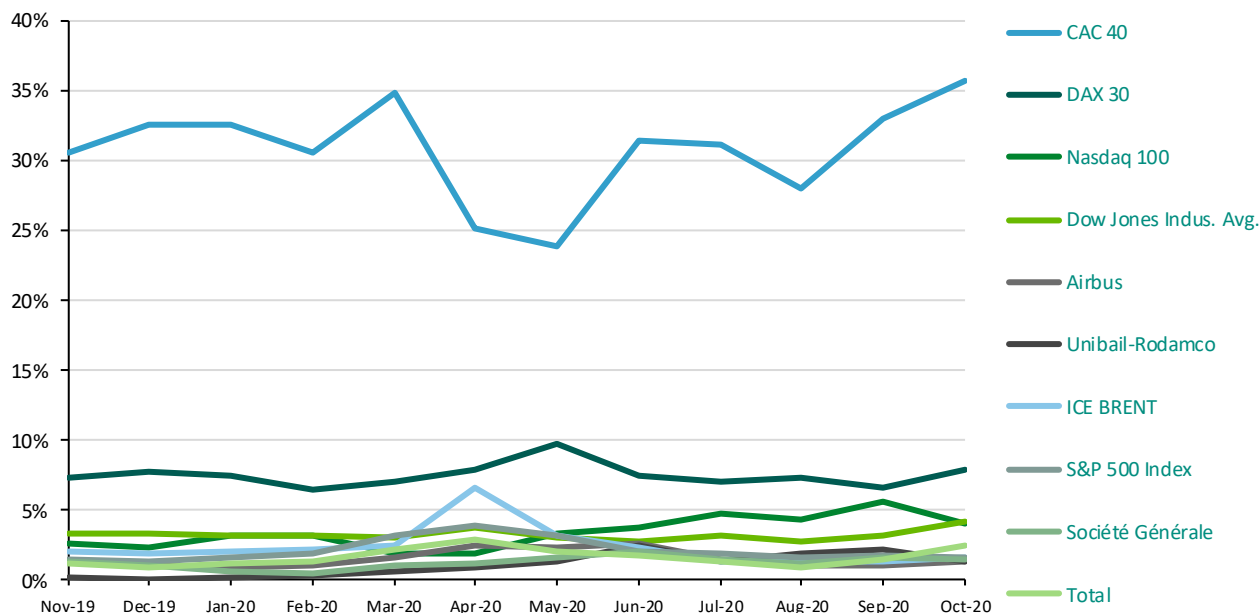
## Market Trend: Value traded

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

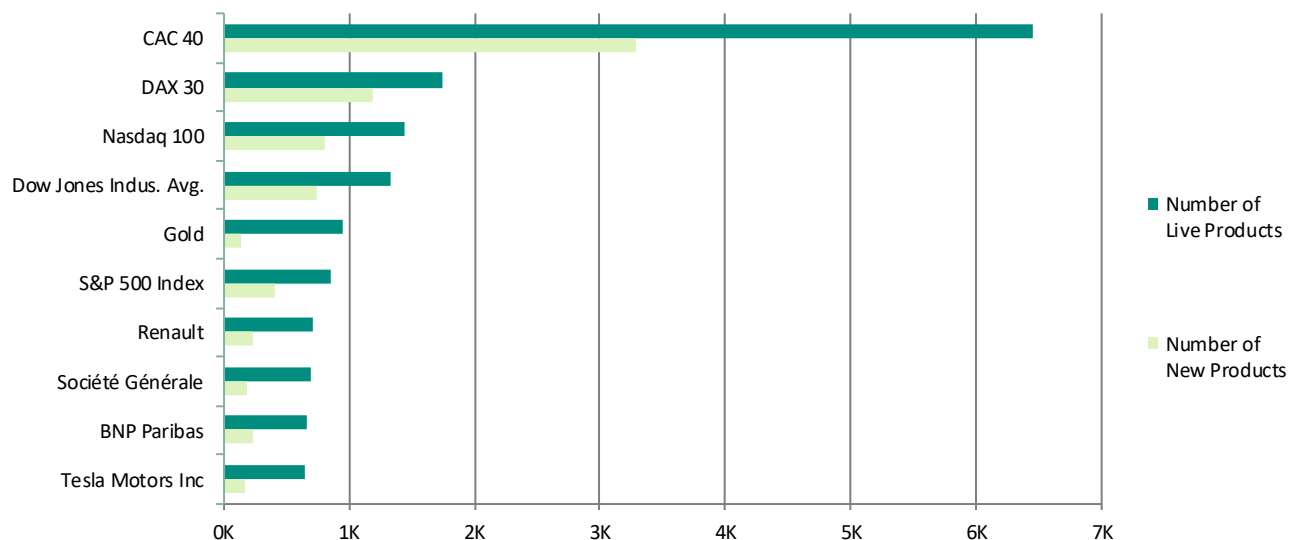
## Product Overview

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	6,446	-8.0%	-12.3%	14.7%	3,292	14.1%	-24%	20.8%
DAX 30	1,742	-13.7%	-16.1%	4.0%	1,192	36%	-6.3%	7.5%
Nasdaq 100	1,446	-6.1%	2.9%	3.3%	812	-22%	-0.8%	5.1%
Dow Jones Indus. Avg.	1,325	-8.2%	-9.3%	3.0%	745	8.0%	-15.7%	4.7%
Gold	958	1.1%	15.5%	2.2%	133	-45%	-45%	0.8%
S&P 500 Index	851	-0.9%	-5.2%	1.9%	403	7.5%	-0.6%	2.5%
Renault	705	-15.5%	-24%	1.6%	240	15.4%	-35%	1.5%
Société Générale	694	-11.1%	-13.4%	1.6%	194	-3.0%	-35%	1.2%
BNP Paribas	670	-11.7%	-13.7%	1.5%	242	10.0%	-15.9%	1.5%
Tesla Motors Inc	653	-15.7%	-12.5%	1.5%	175	-73%	-57%	1.1%
Other	28,234	-2.5%	-12.1%	64.6%	8,376	5.9%	-12.6%	53.0%
<b>Total</b>	<b>43,724</b>	<b>-4.8%</b>	<b>-11.4%</b>	<b>100%</b>	<b>15,804</b>	<b>3.2%</b>	<b>-16.4%</b>	<b>100%</b>

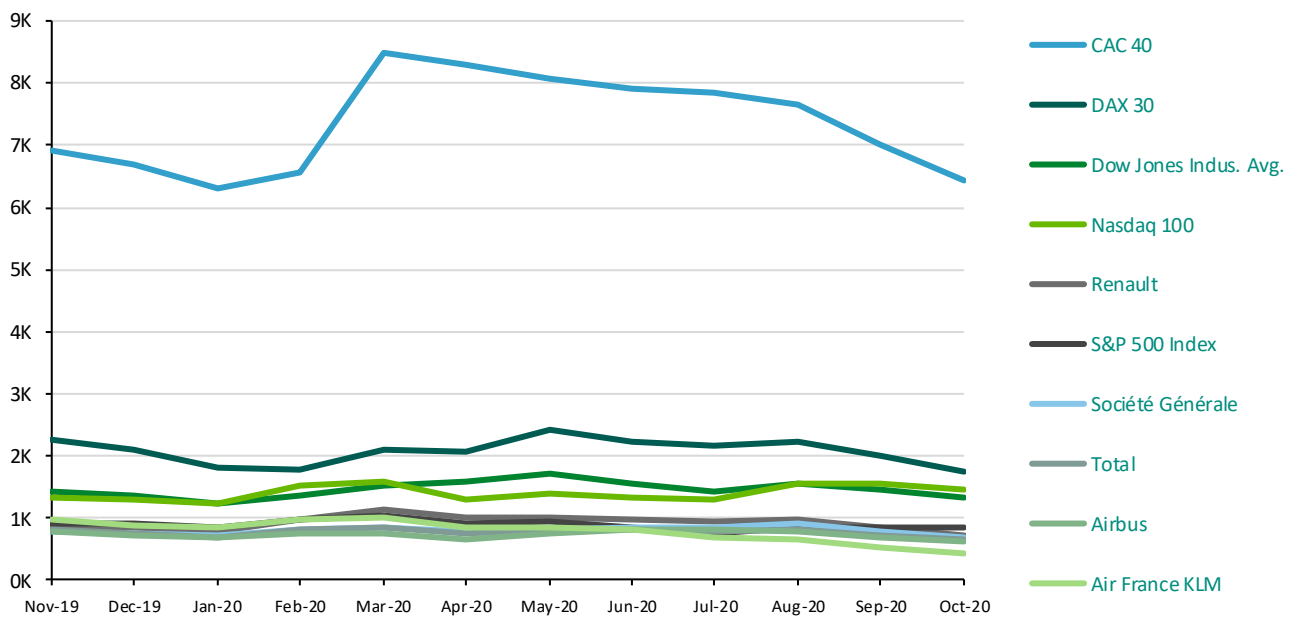
(Source Euronext)



# TOP 10 UNDERLYINGS

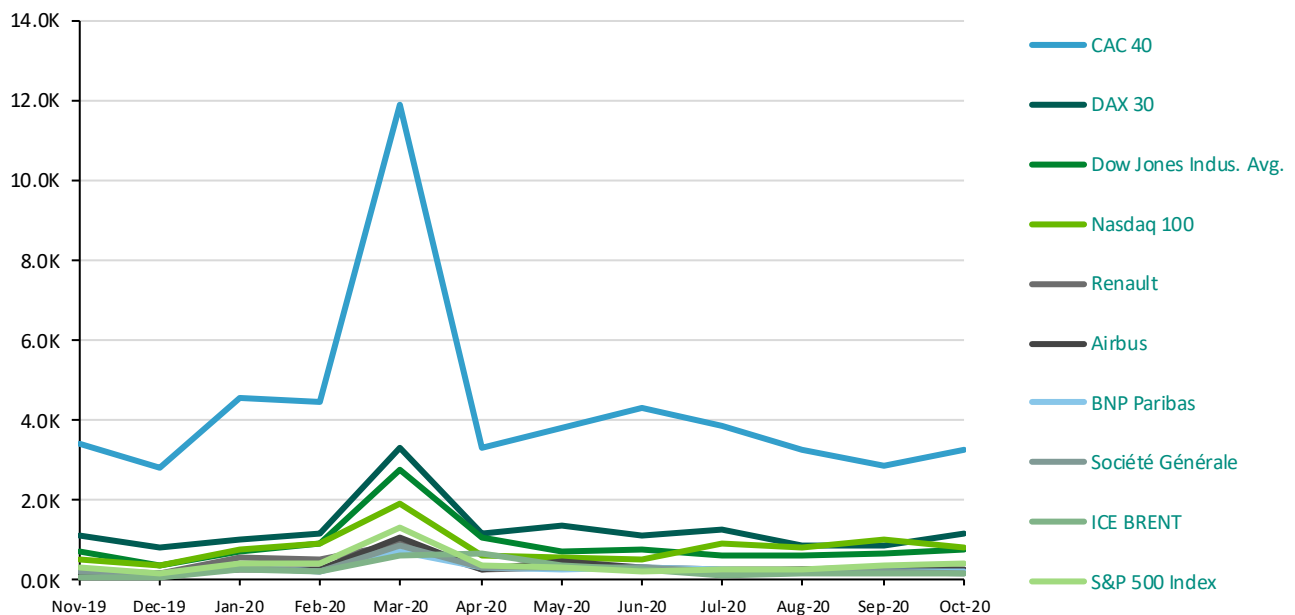
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear 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
NL0006454928	BNP Paribas	1300   Tracker Certificates	Gold	12,651	100
NLBNPFR10R99	BNP Paribas	2100   Warrants	Euro STOXX 50 ETFs	9,045	35
FRBNPP01O9C1	BNP Paribas	2210   Mini-Futures	CAC 40	5,549	203
FRBNPP01R575	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	4,076	862
DE000SB2EJL2	Société Générale	2300   Constant Leverage Certificate	CAC 40	3,540	654
NL0014597551	BNP Paribas	2100   Warrants	CAC 40	3,237	184
FRBNPP01R567	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	2,963	771
DE000CL49EN0	Société Générale	2100   Warrants	CAC 40	2,938	199
FRBNPP01MND1	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	2,787	241
FRBNPP01UID4	BNP Paribas	2200   Knock-Out Warrants	DAX 30	2,774	71
FRBNPP01JQV2	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	2,693	211
DE000KB2KTJ0	Citi	2300   Constant Leverage Certificate	CAC 40 x15 Short Index	2,639	125
NL0014602518	BNP Paribas	2100   Warrants	CAC 40	2,564	173
FRBNPP01WQ54	BNP Paribas	2210   Mini-Futures	CAC 40	2,505	150
DE000SB2EJF4	Société Générale	2300   Constant Leverage Certificate	CAC 40	2,460	523
DE000KB78ZU3	Citi	2205   Open-End Knock-Out Warrants	DAX 30	2,259	120
DE000KB78ZN8	Citi	2205   Open-End Knock-Out Warrants	DAX 30	2,186	63
DE000KB9C1Q4	Citi	2205   Open-End Knock-Out Warrants	DAX 30	1,943	40
NL0014168429	BNP Paribas	2100   Warrants	CAC 40	1,939	131
DE000VP37995	Vontobel	2205   Open-End Knock-Out Warrants	DAX 30	1,837	411
FRBNPP01FQW8	BNP Paribas	2210   Mini-Futures	CAC 40	1,754	91
DE000KB3K9G4	Citi	2100   Warrants	Airbus	1,608	144
FRBNPP01OL18	BNP Paribas	2205   Open-End Knock-Out Warrants	ICE BRENT	1,594	74
DE000CU6NWX2	Société Générale	2100   Warrants	CAC 40	1,563	136
FRBNPP01TPE9	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,561	116
DE000SB5JEN1	Société Générale	2205   Open-End Knock-Out Warrants	CAC 40	1,538	240
DE000KB498R6	Citi	2205   Open-End Knock-Out Warrants	Nasdaq 100	1,517	88
DE000SR8UNZ9	Société Générale	2205   Open-End Knock-Out Warrants	Safran	1,516	173
FRBNPP01V1J4	BNP Paribas	2205   Open-End Knock-Out Warrants	ICE BRENT	1,399	53
DE000KB33NS8	Citi	2205   Open-End Knock-Out Warrants	DAX 30	1,360	47
FRBNPP01JMO6	BNP Paribas	2300   Constant Leverage Certificate	CAC 40	1,350	358
DE000KB9C4P0	Citi	2200   Knock-Out Warrants	DAX 30	1,338	74
DE000KB61G70	Citi	2200   Knock-Out Warrants	CAC 40	1,244	32
DE000KB7VHA0	Citi	2100   Warrants	CAC 40	1,238	120
FRBNPP01JMS7	BNP Paribas	2300   Constant Leverage Certificate	Nasdaq 100	1,175	96
DE000KB78BM1	Citi	2210   Mini-Futures	Orange (ex France Télécom)	1,165	86
DE000CX3Y7B4	Citi	2300   Constant Leverage Certificate	CAC 40 x5 Leverage Index	1,104	18
FRBNPP01TPA7	BNP Paribas	2200   Knock-Out Warrants	CAC 40	1,078	118
DE000VP6RLX5	Vontobel	2300   Constant Leverage Certificate	DAX x20 Leverage Index	1,062	48
DE000SB5PGA0	Société Générale	2200   Knock-Out Warrants	CAC 40	1,026	153
FR0013135837	Société Générale	2300   Constant Leverage Certificate	CAC 40 x4 Short Index	1,025	61
DE000VP6RK18	Vontobel	2300   Constant Leverage Certificate	DAX x20 Leverage Index	1,013	41
FRBNPP01GMP9	BNP Paribas	2205   Open-End Knock-Out Warrants	Safran	1,007	69
DE000CL502W3	Société Générale	2210   Mini-Futures	Unibail-Rodamco	1,002	523
DE000SB2EHS1	Société Générale	2300   Constant Leverage Certificate	CAC 40	996	77
DE000KB58P66	Citi	2205   Open-End Knock-Out Warrants	DAX 30	978	17
DE000KB4UYX6	Citi	2210   Mini-Futures	S&P 500 Index	969	354
DE000KB7UEC5	Citi	2205   Open-End Knock-Out Warrants	Alibaba	899	14
DE000CY6CWM9	Citi	2210   Mini-Futures	EUR/USD	828	397
FRBNPP01VV66	BNP Paribas	2200   Knock-Out Warrants	CAC 40	818	49

(Source Euronext)



# Euroclear Nederland Instruments

# ISSUERS

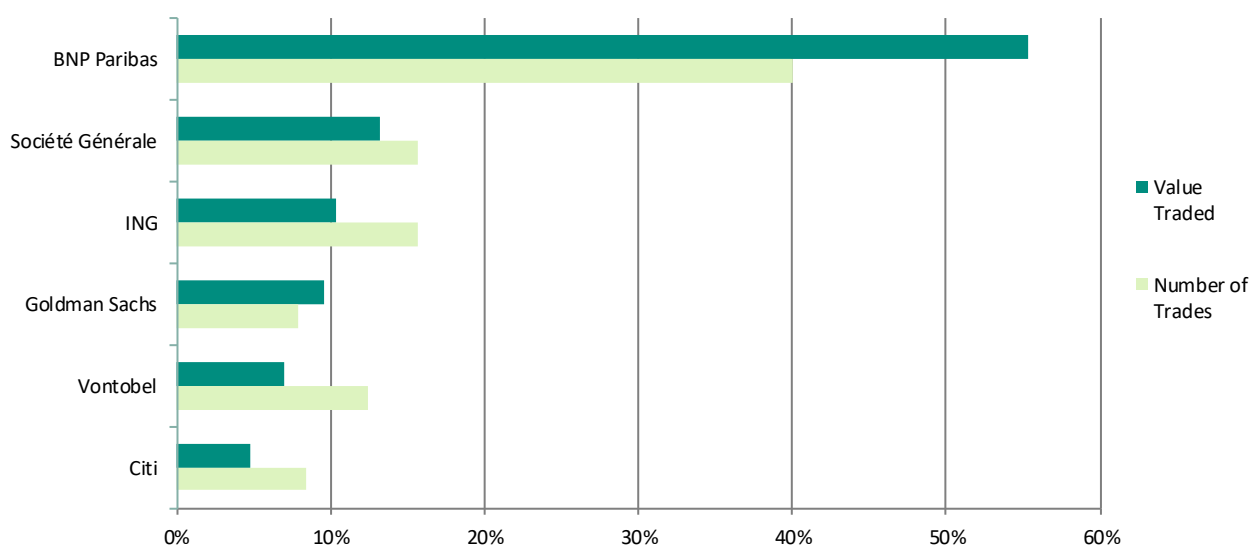
## Market Overview

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	9,153	-11.2%	-30%	55.3%	2,719	-14.0%	-23.6%	40.0%
Société Générale	2,193	4.3%	25%	13.2%	1,066	9.2%	28.4%	15.7%
ING	1,706	-22%	-51%	10.3%	1,064	8.2%	-19.5%	15.7%
Goldman Sachs	1,582	-55%	-42%	9.6%	534	-15.2%	-39.6%	7.9%
Vontobel	1,146	-17.7%	-42%	6.9%	841	18.8%	-8.0%	12.4%
Citi	784	-10.3%	-23%	4.7%	568	-20.4%	-18.6%	8.4%
<b>Total</b>	<b>16,564</b>	<b>-18.8%</b>	<b>-34.4%</b>	<b>100%</b>	<b>6,793</b>	<b>-5.3%</b>	<b>-22.2%</b>	<b>100%</b>

(Source Euronext)

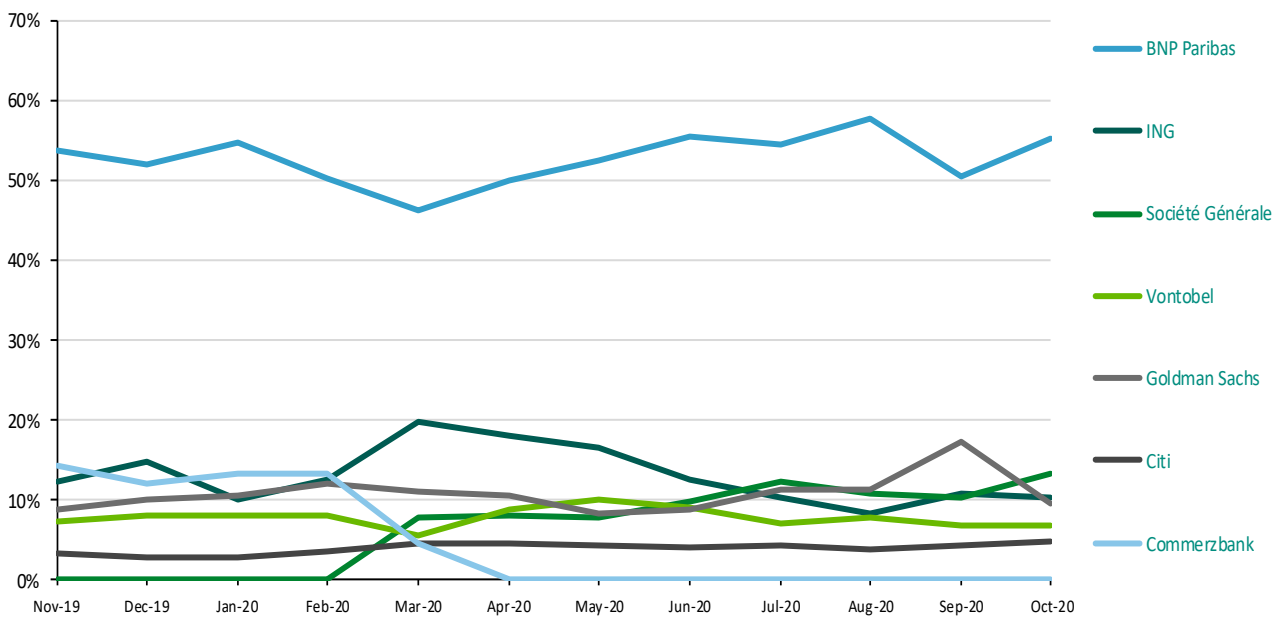




# ISSUERS

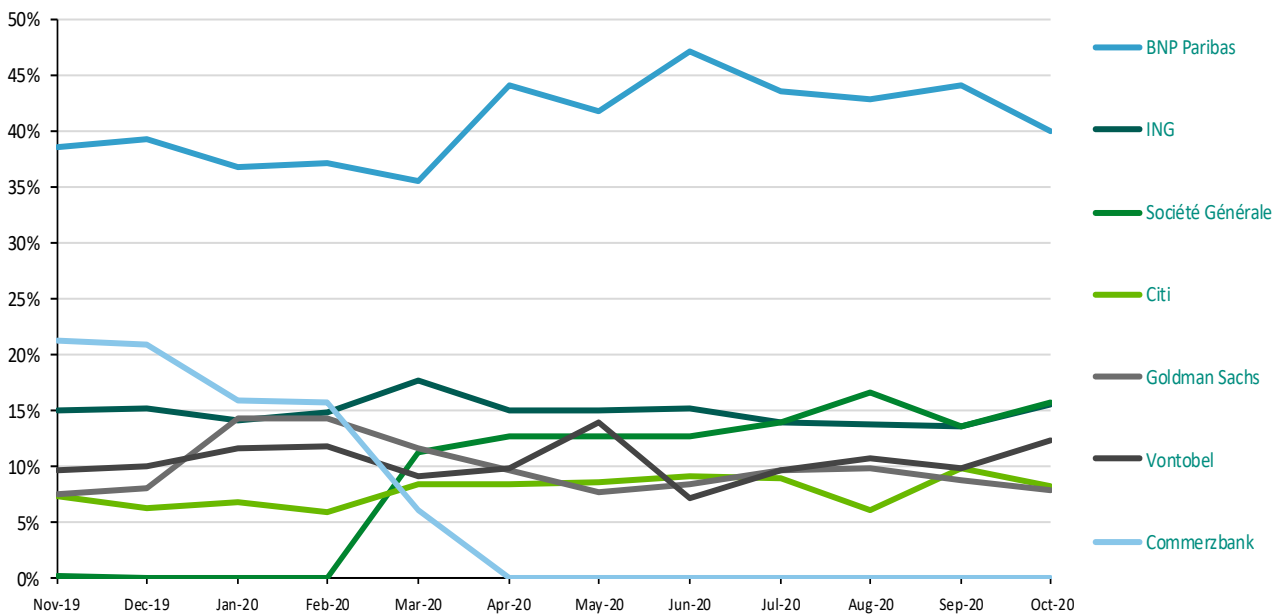
## Market Trend: Value traded

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

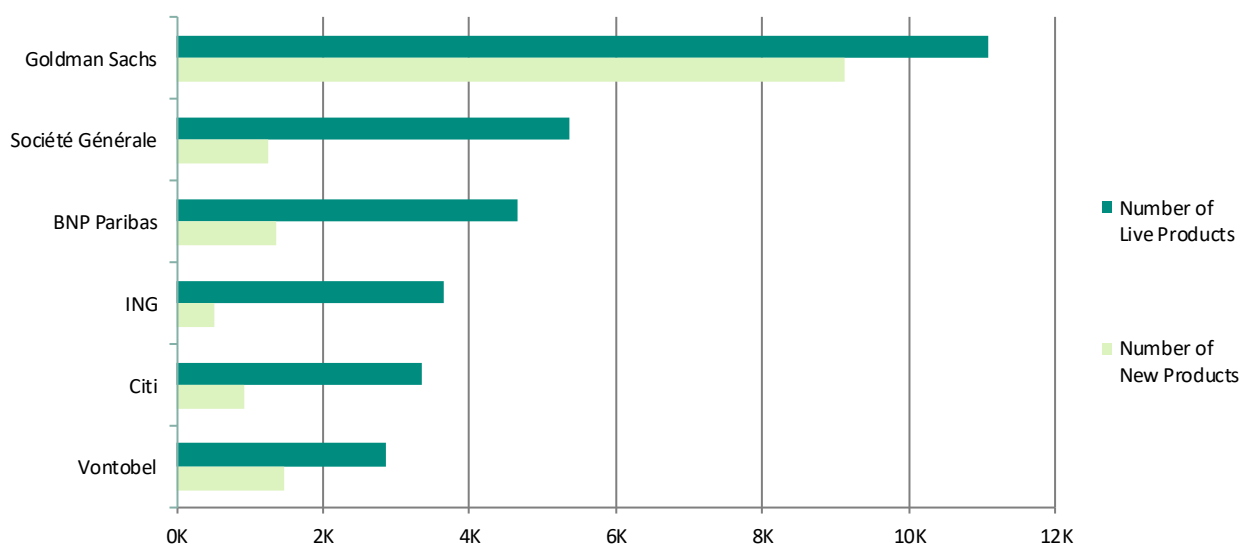
## Product Overview

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	11,081	-0.3%	31%	35.8%	9,132	38%	33%	62.4%
Société Générale	5,376	1.5%	67%	17.4%	1,255	6.1%	3.9%	8.6%
BNP Paribas	4,658	-19.2%	-20%	15.1%	1,367	-30%	-50%	9.3%
ING	3,634	-5.8%	4.5%	11.7%	506	-12.5%	-33%	3.5%
Citi	3,353	-0.1%	14.4%	10.8%	911	-10.1%	-22%	6.2%
Vontobel	2,843	2.7%	-1.1%	9.2%	1,464	4.7%	-30%	10.0%
<b>Total</b>	<b>30,945</b>	<b>-3.8%</b>	<b>7.7%</b>	<b>100%</b>	<b>14,635</b>	<b>14.9%</b>	<b>-4.0%</b>	<b>100%</b>

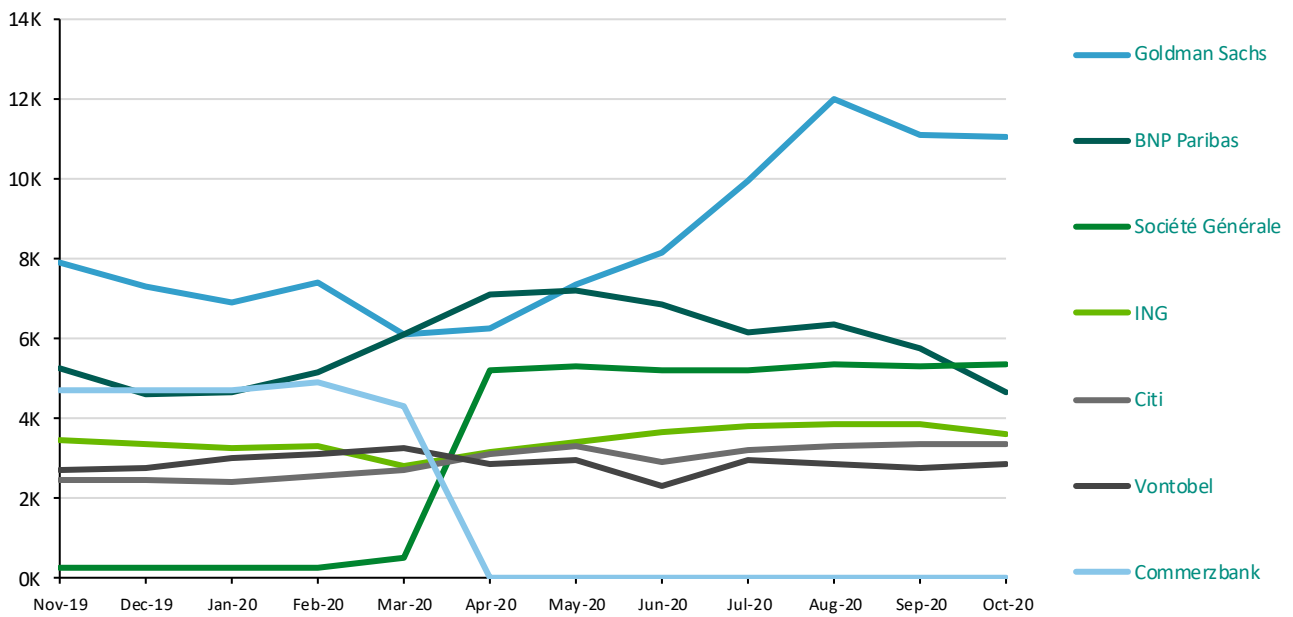
(Source Euronext)



# ISSUERS

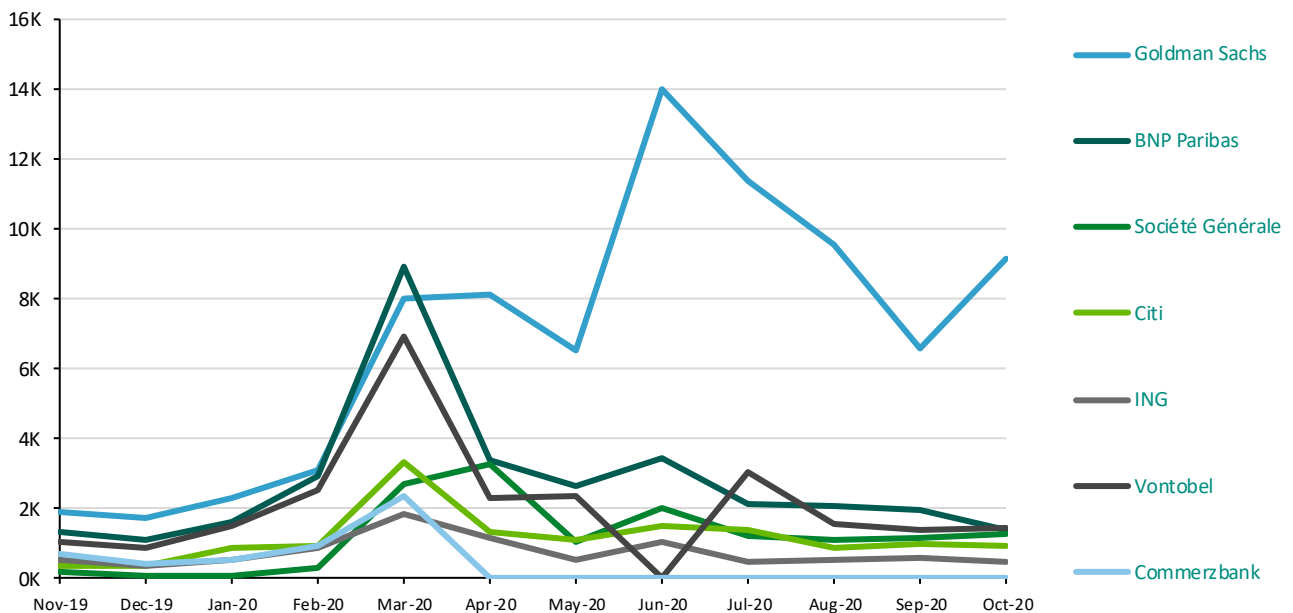
## Product Trend: Number of Live Products

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

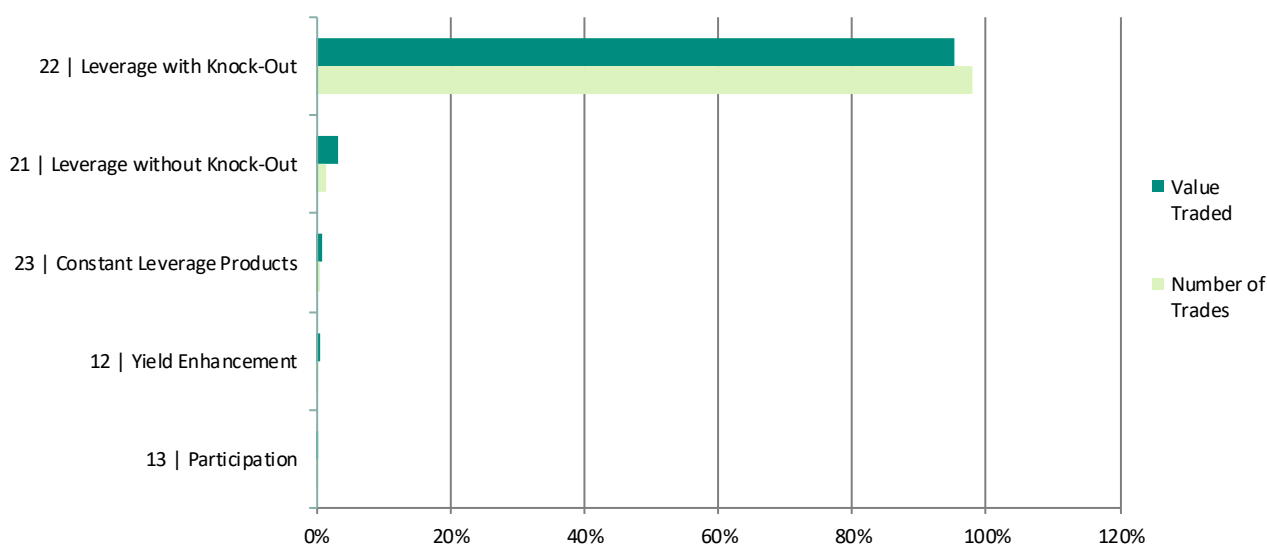
## Market Overview

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	15,794	-19.0%	-32%	95.4%	6,645	-5.2%	-21.3%	97.8%
21   Leverage without Knock-Out	516	-31%	-61%	3.1%	98	-8.1%	-33.5%	1.4%
23   Constant Leverage Products	159	151%	-59%	1.0%	34	-23.9%	-72.1%	0.5%
12   Yield Enhancement	70	-28%	-52%	0.4%	12	3.7%	-26.2%	0.2%
13   Participation	24	52%	-22%	0.1%	4.0	25.7%	-18.7%	0.1%
<b>Total</b>	<b>16,564</b>	<b>-18.8%</b>	<b>-34.4%</b>	<b>100%</b>	<b>6,793</b>	<b>-5.3%</b>	<b>-22.2%</b>	<b>100%</b>

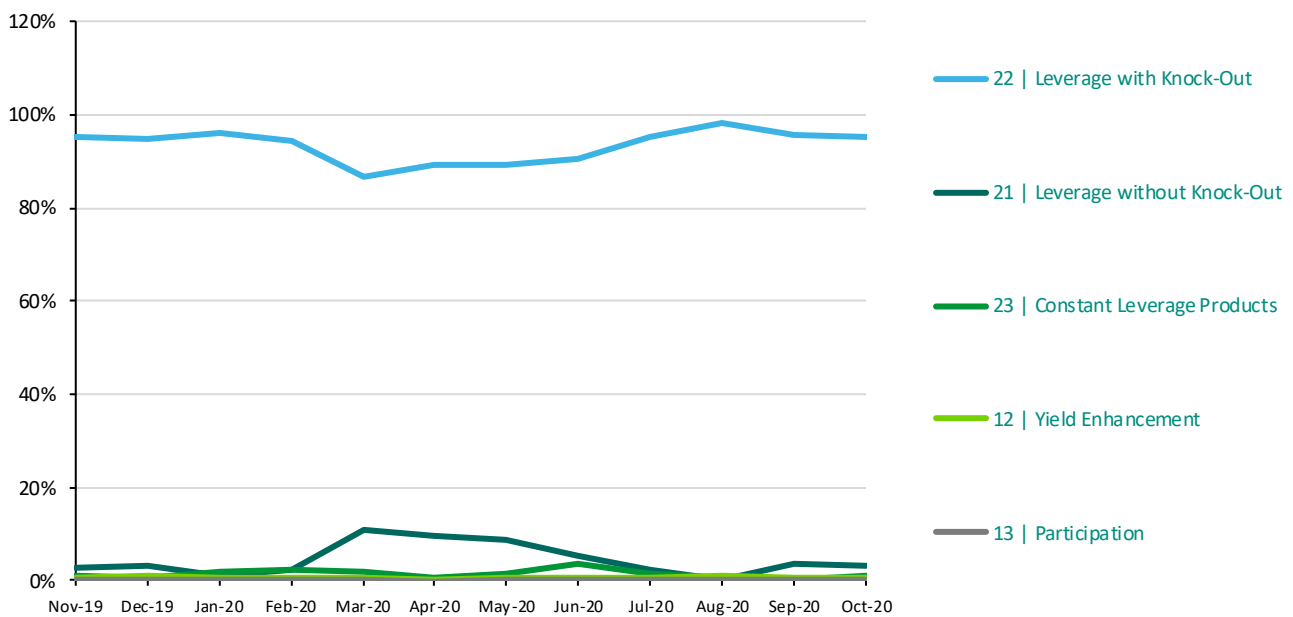
(Source Euronext)



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

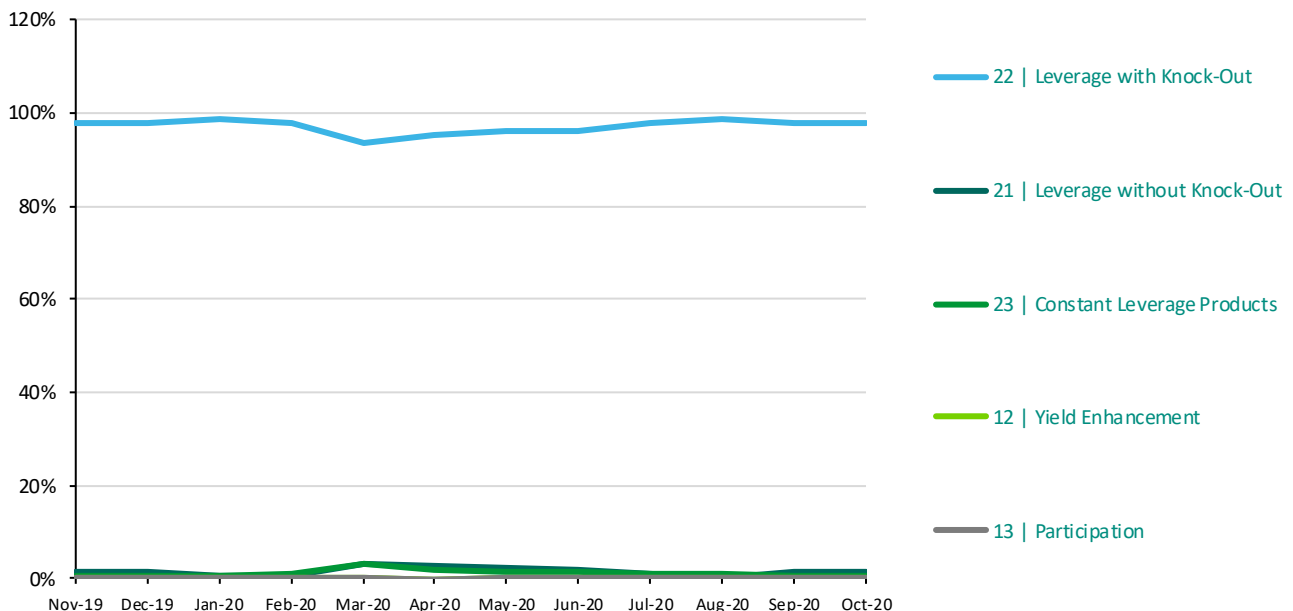
## Market Trend: Value traded

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)

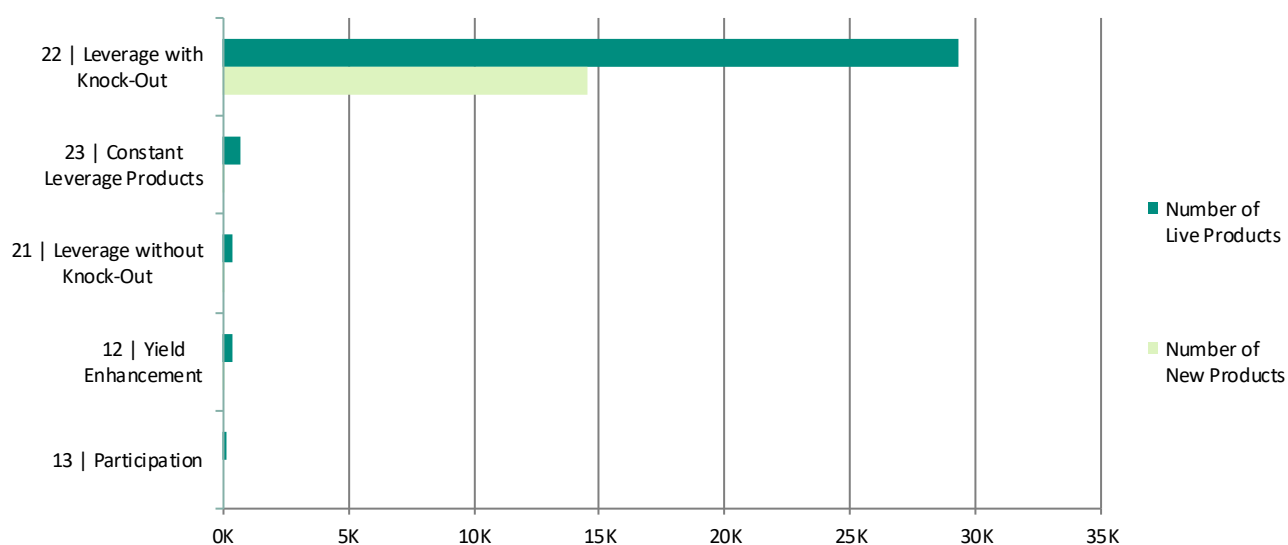
## Product Overview

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	29,334	-4.3%	7.8%	94.8%	14,510	17.3%	-3.1%	99.1%
23   Constant Leverage Products	696	8.9%	0.9%	2.3%	46	-45%	-68%	0.3%
21   Leverage without Knock-Out	380	12.0%	6.3%	1.2%	73	-21%	18.1%	0.5%
12   Yield Enhancement	365	-4.7%	7.6%	1.2%	6	-95%	-90%	0.0%
13   Participation	171	19.8%	21%	0.6%	0	-100%	-100%	0.0%
<b>Total</b>	<b>30,945</b>	<b>-3.8%</b>	<b>7.7%</b>	<b>100%</b>	<b>14,635</b>	<b>14.9%</b>	<b>-4.0%</b>	<b>100%</b>

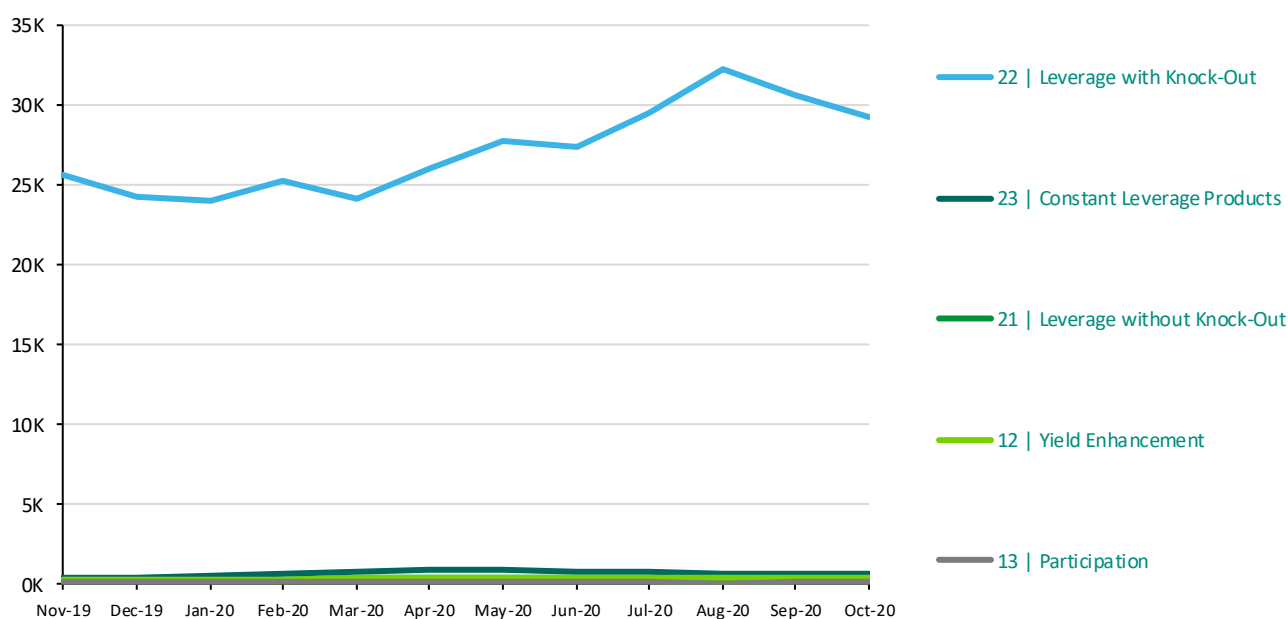
(Source Euronext)



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

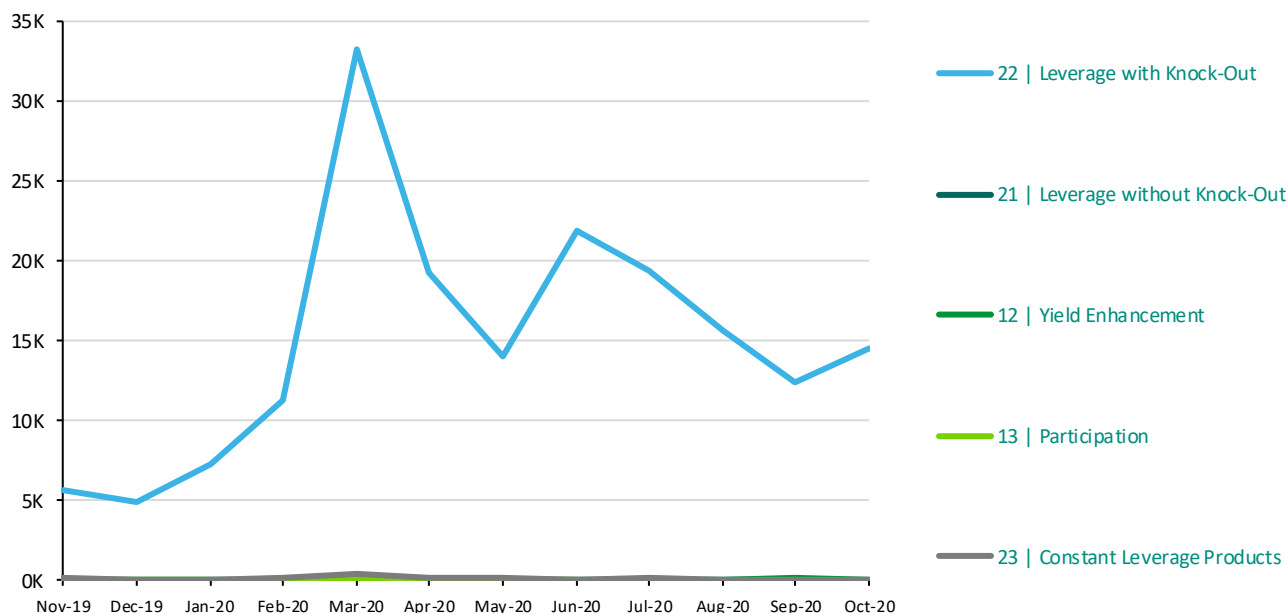
## Product Trend: Number of Live Products

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

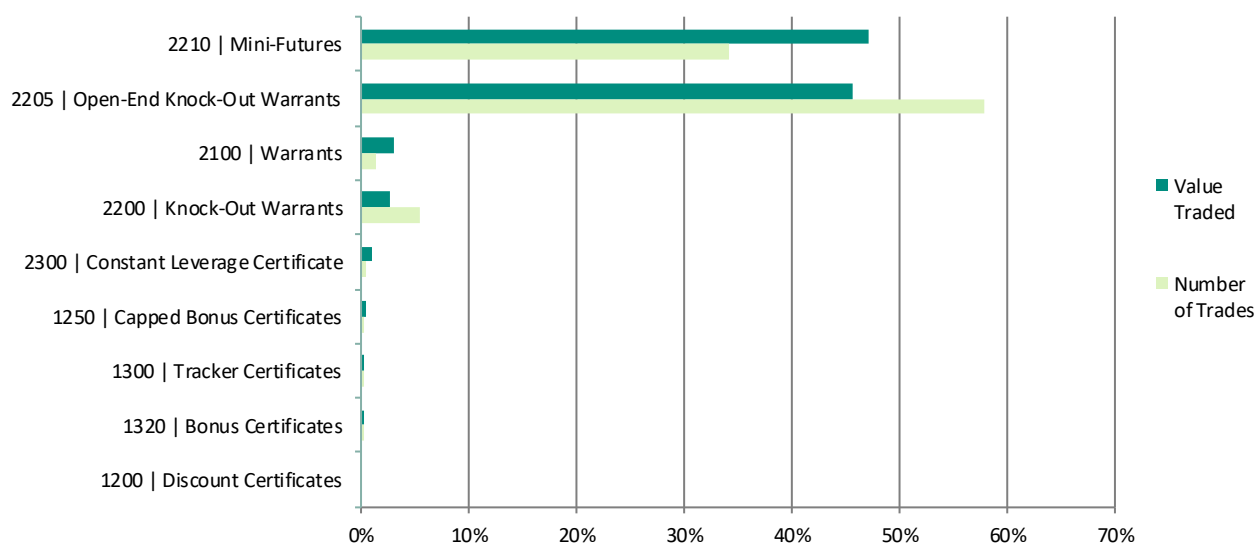
## Market Overview

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	7,808	-18.9%	-32%	47.1%	2,329	-10.7%	-21.2%	34.3%
2205   Open-End Knock-Out Warrants	7,555	-20%	-34%	45.6%	3,940	-3.0%	-24%	58.0%
2100   Warrants	516	-31%	-61%	3.1%	98	-8.1%	-33%	1.4%
2200   Knock-Out Warrants	431	4.0%	-17.7%	2.6%	376	10.5%	13.2%	5.5%
2300   Constant Leverage Certificate	159	151%	-59%	1.0%	34	-24%	-72%	0.5%
1250   Capped Bonus Certificates	70	-28%	-52%	0.4%	12	3.7%	-26%	0.2%
1300   Tracker Certificates	23	92%	19.8%	0.1%	3.8	63%	33%	0.1%
1320   Bonus Certificates	1	-75%	-92%	0.0%	0.2	-74%	-89%	0.0%
1200   Discount Certificates	0			0.0%	0.0			0.0%
<b>Total</b>	<b>16,564</b>	<b>-18.8%</b>	<b>-34%</b>	<b>100%</b>	<b>6,793</b>	<b>-5.3%</b>	<b>-22%</b>	<b>100%</b>

(Source Euronext)

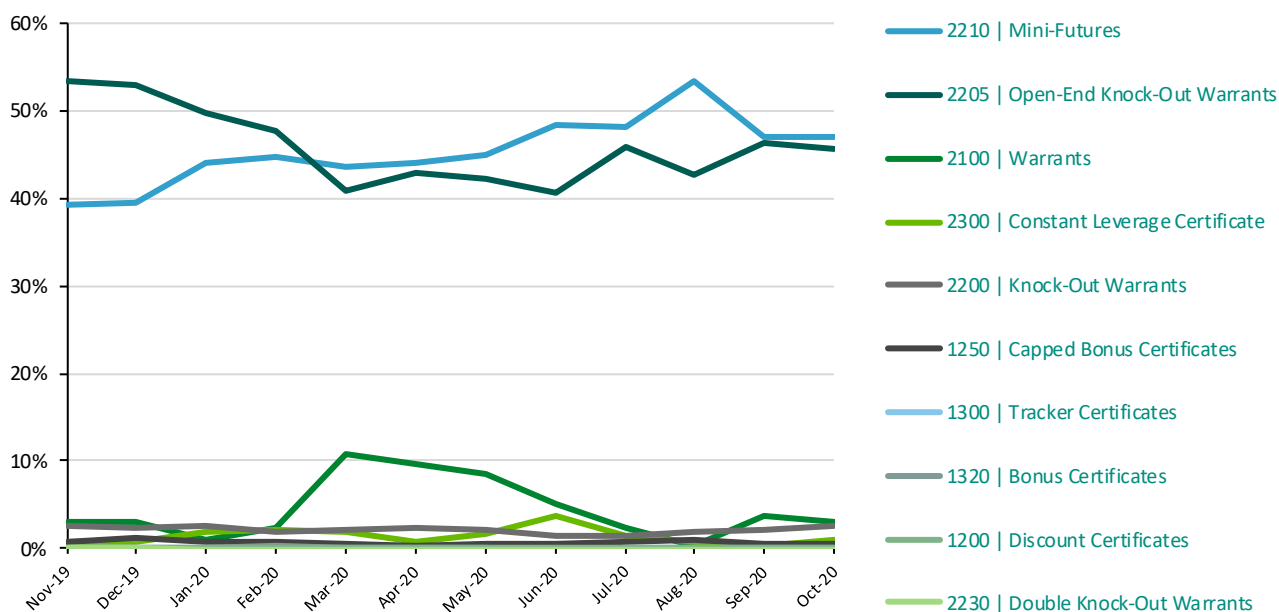




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

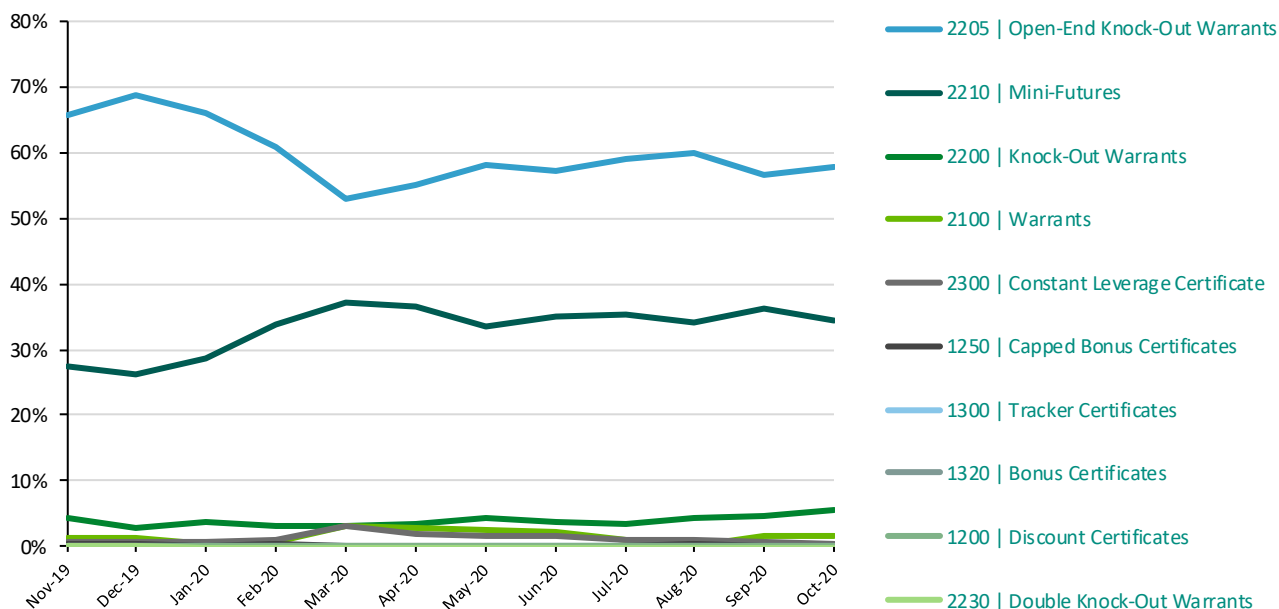
## Market Trend: Value traded

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)

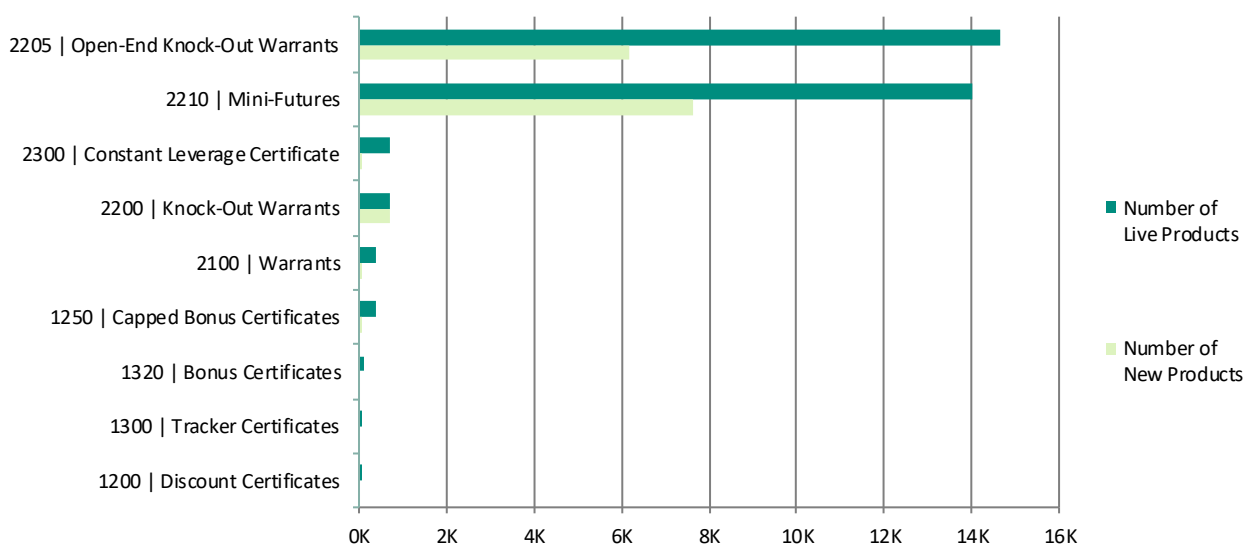
## Product Overview

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	14,644	-4.5%	8.7%	47.3%	6,185	7.7%	-15.6%	42.3%
2210   Mini-Futures	14,008	-3.5%	8.6%	45.3%	7,638	22%	8.3%	52.2%
2300   Constant Leverage Certificate	696	8.9%	0.9%	2.3%	46	-45%	-68%	0.3%
2200   Knock-Out Warrants	682	-17.3%	-17.5%	2.2%	687	78%	16.1%	4.7%
2100   Warrants	380	12.0%	6.3%	1.2%	73	-21%	18.1%	0.5%
1250   Capped Bonus Certificates	362	-4.1%	8.6%	1.2%	6	-95%	-90%	0.0%
1320   Bonus Certificates	115	33%	36%	0.4%	0	-100%	-100%	0.0%
1300   Tracker Certificates	56	-0.3%	-0.9%	0.2%	0			0.0%
1200   Discount Certificates	3	-45%	-51%	0.0%	0	-100%	-100%	0.0%
<b>Total</b>	<b>30,945</b>	<b>-3.8%</b>	<b>7.7%</b>	<b>100%</b>	<b>14,635</b>	<b>14.9%</b>	<b>-4.0%</b>	<b>100%</b>

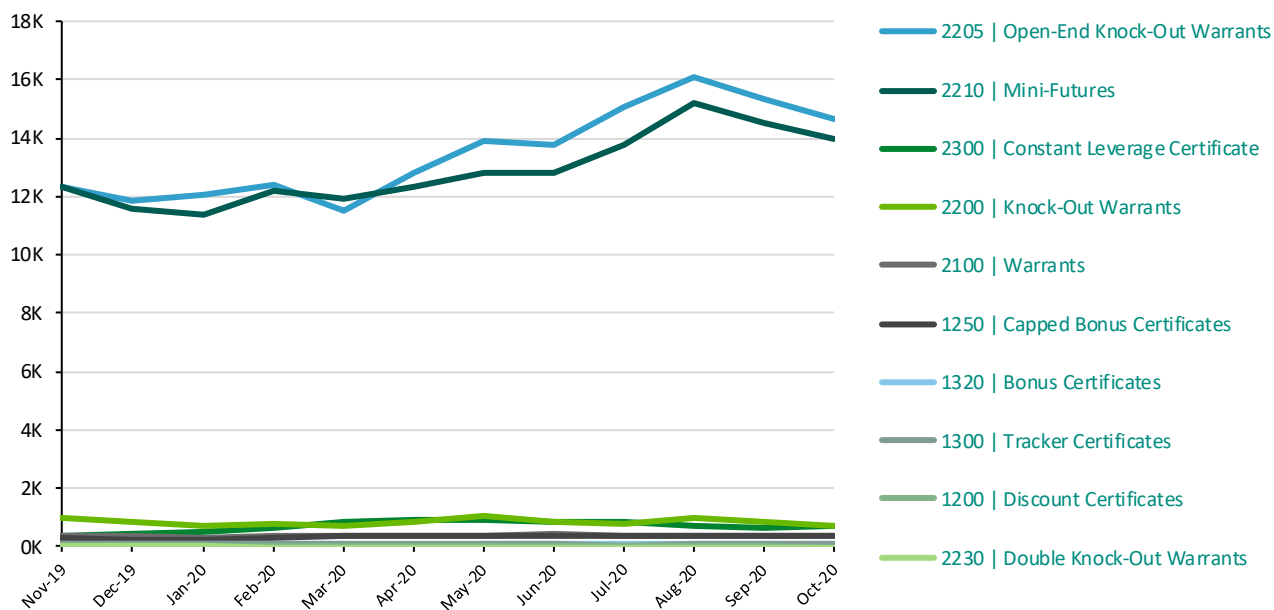
(Source Euronext)



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

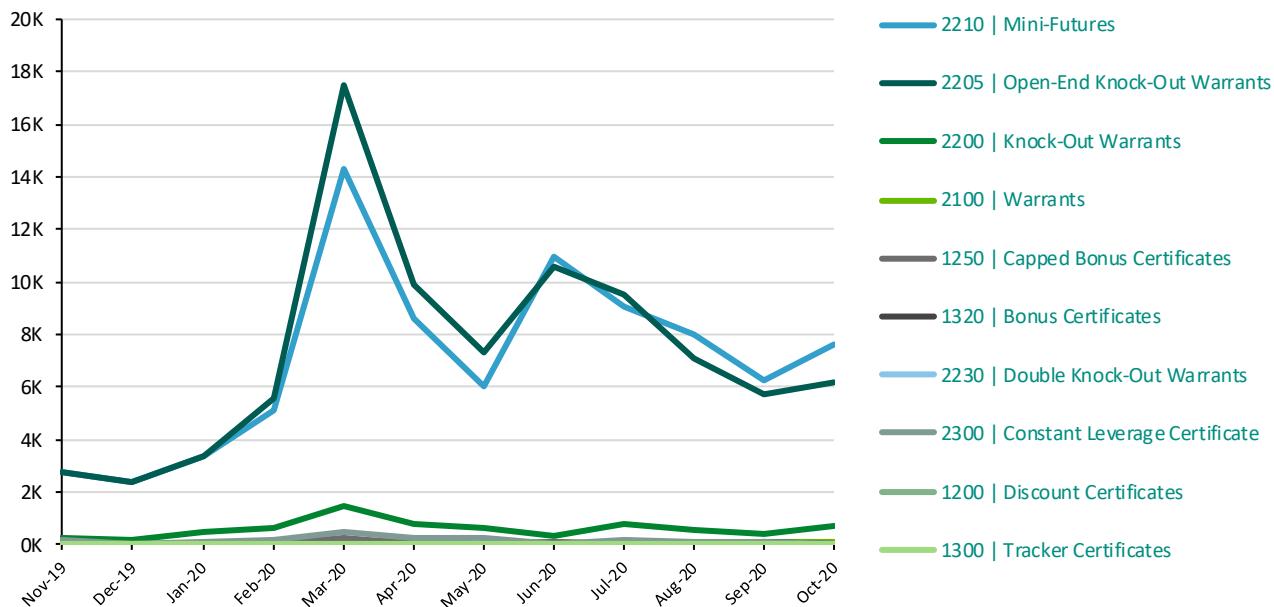
## Product Trend: Number of Live Products

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

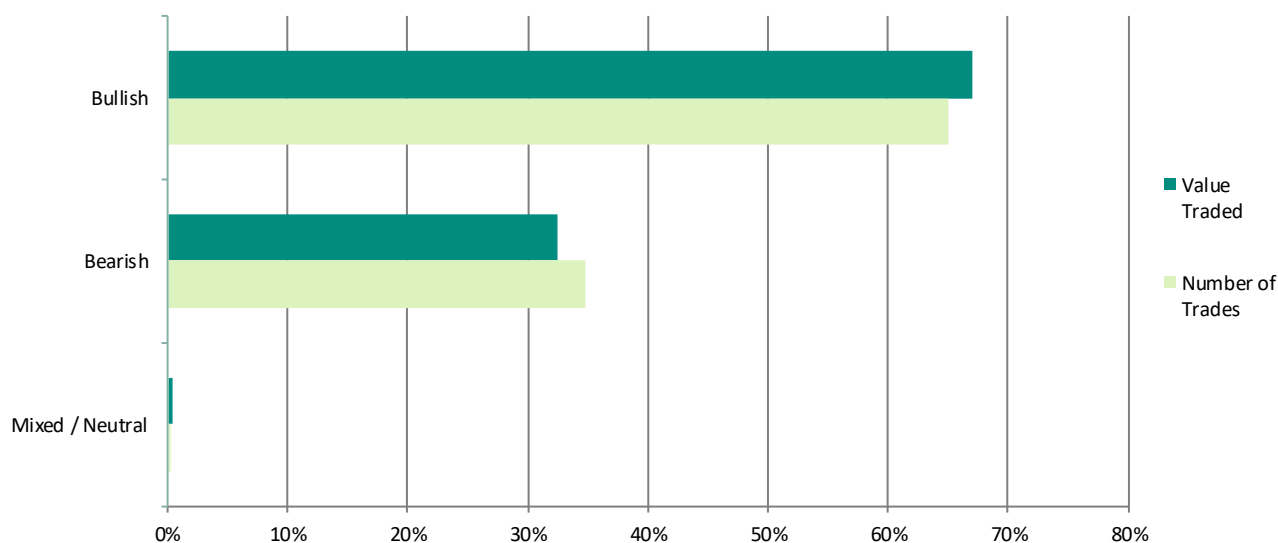
## Market Overview

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	11,110	-17.6%	-32%	67.1%	4,418	-3.3%	-16.1%	65.0%
Bearish	5,383	-21%	-39%	32.5%	2,363	-9.0%	-32%	34.8%
Mixed / Neutral	70	-28%	-52%	0.4%	12	3.7%	-26%	0.2%
Total	16,564	-18.8%	-34.4%	100%	6,793	-5.3%	-22.2%	100%

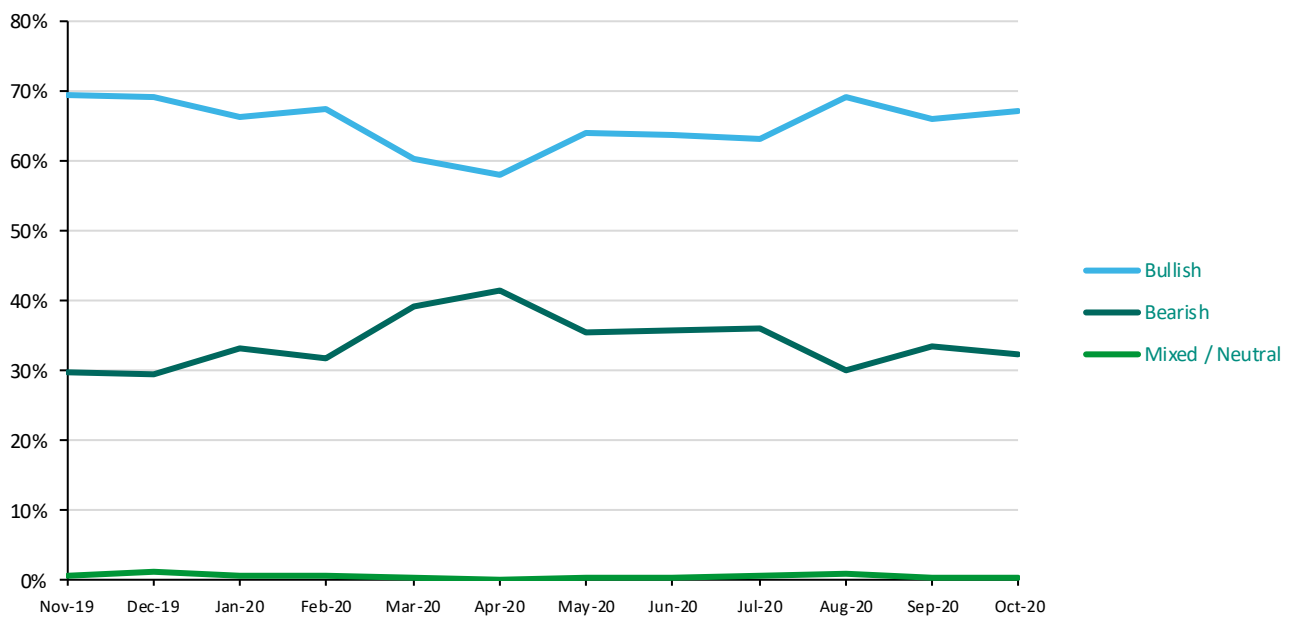
(Source Euronext)



# PRODUCT STRATEGIES

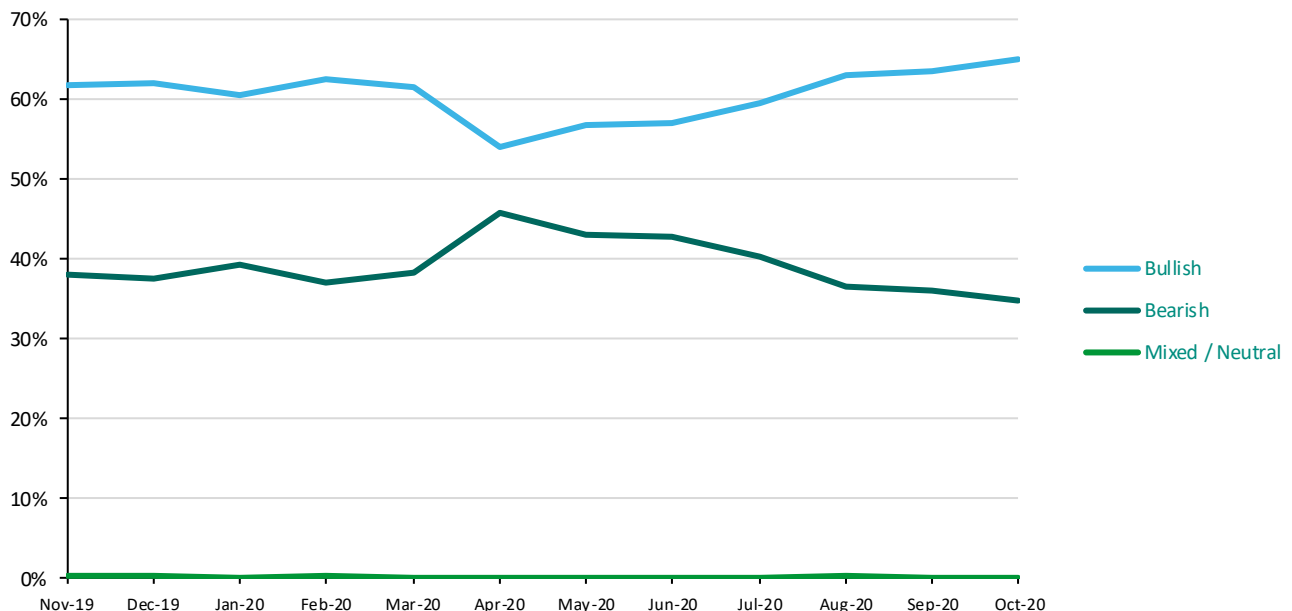
## Market Trend: Value traded

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

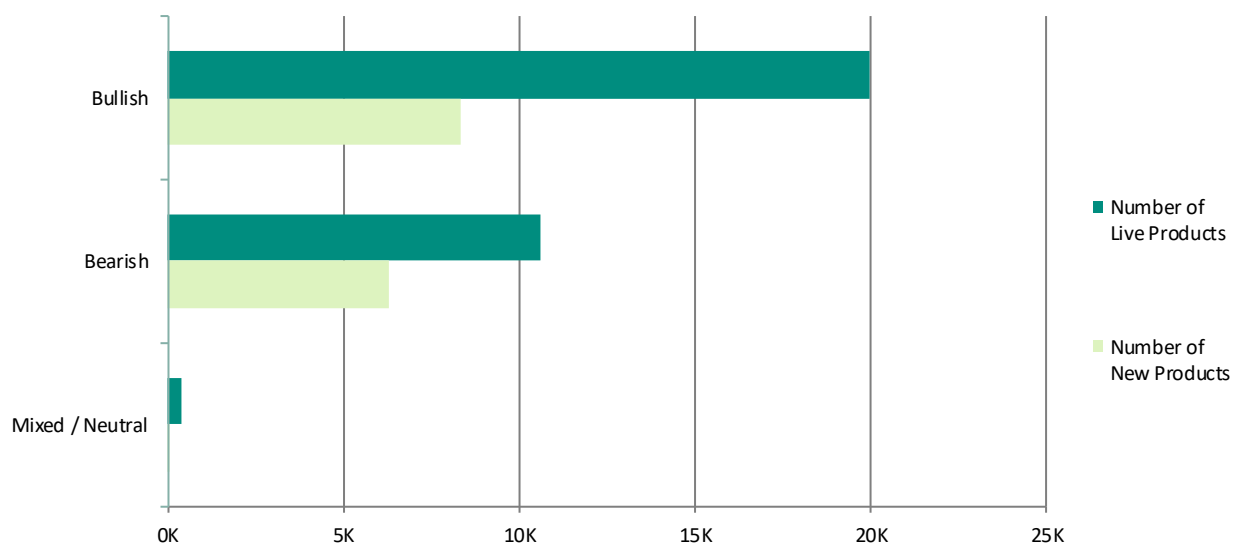
## Product Overview

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	19,972	-4.0%	9.2%	64.5%	8,338	21%	-2.3%	57.0%
Bearish	10,609	-3.4%	5.0%	34.3%	6,291	10.4%	-5.4%	43.0%
Mixed / Neutral	365	-4.7%	5.9%	1.2%	6	-95%	-90%	0.0%
Total	30,945	-3.8%	7.7%	100%	14,635	14.9%	-4.0%	100%

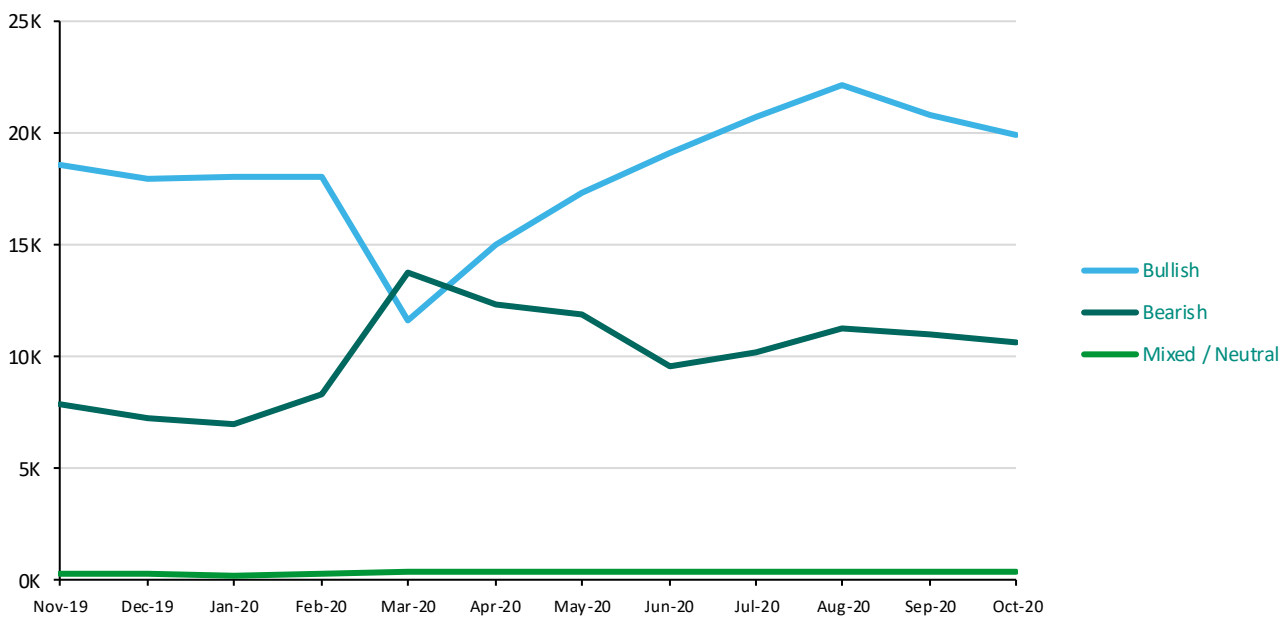
(Source Euronext)



# PRODUCT STRATEGIES

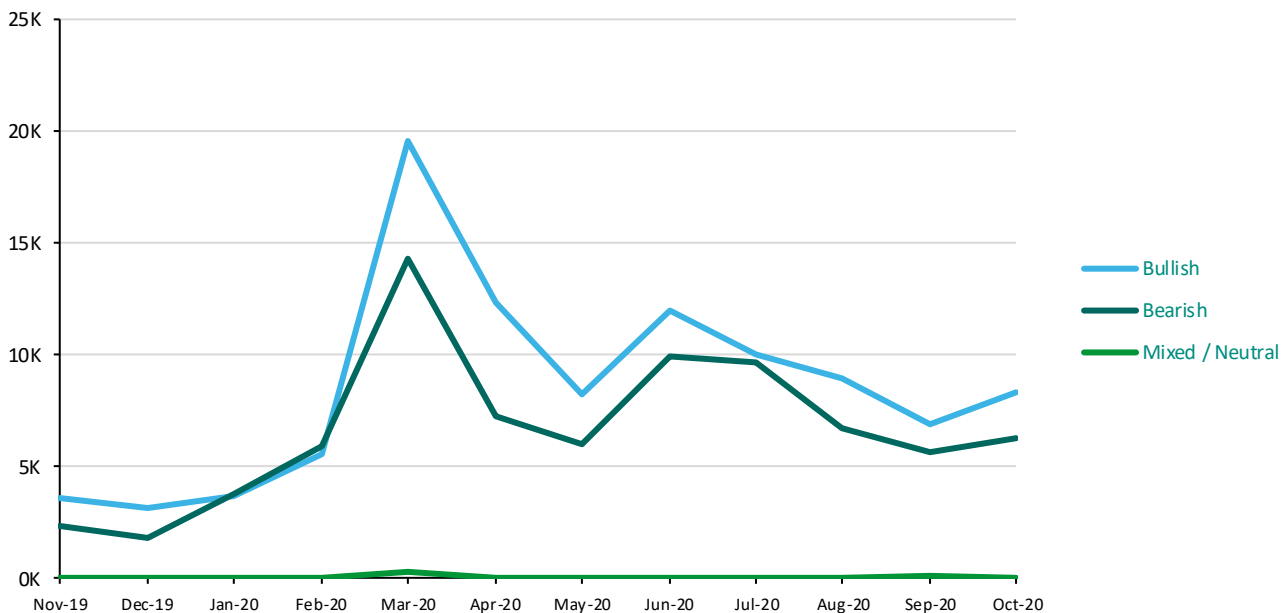
## Product Trend: Number of Live Products

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

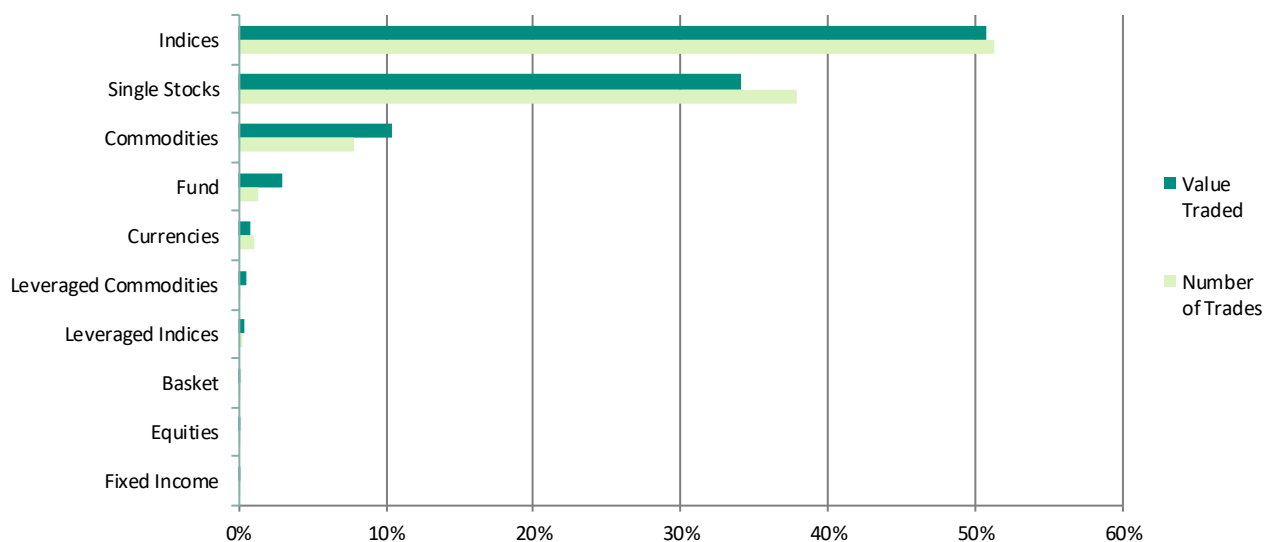
### Market Overview

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	8,401	-11.4%	-32%	50.7%	3,486	-6.6%	-19.6%	51.3%
Single Stocks	5,653	-3.6%	-24%	34.1%	2,573	2.3%	-20.6%	37.9%
Commodities	1,720	-58%	-51%	10.4%	533	-20.8%	-32.9%	7.8%
Fund	490	-31%	-63%	3.0%	94	-8.5%	-34.0%	1.4%
Currencies	135	-38%	-55%	0.8%	74	-33.0%	-35.2%	1.1%
Leveraged Commodities	87	465%	8.1%	0.5%	6.9	-45.1%	-77.9%	0.1%
Leveraged Indices	56	62%	-80%	0.3%	18	-24.2%	-73.8%	0.3%
Basket	14	152%	29%	0.1%	1.5	52.4%	17.7%	0.0%
Equities	3	466%	862%	0.0%	3.3	231.8%	737.8%	0.0%
Fixed Income	1	-67%	-97%	0.0%	2.0	-32.3%	-80.2%	0.0%
<b>Total</b>	<b>16,564</b>	<b>-18.8%</b>	<b>-34.4%</b>	<b>100%</b>	<b>6,793</b>	<b>-5.3%</b>	<b>-22.2%</b>	<b>100%</b>

(Source Euronext)

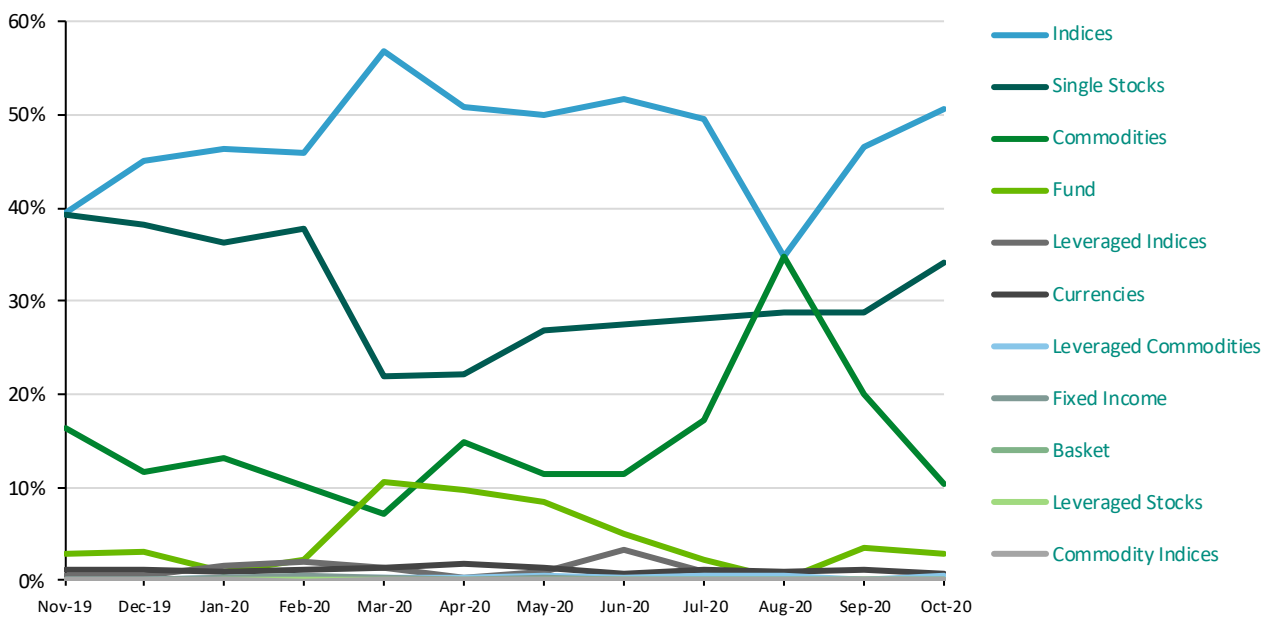




# UNDERLYING TYPES

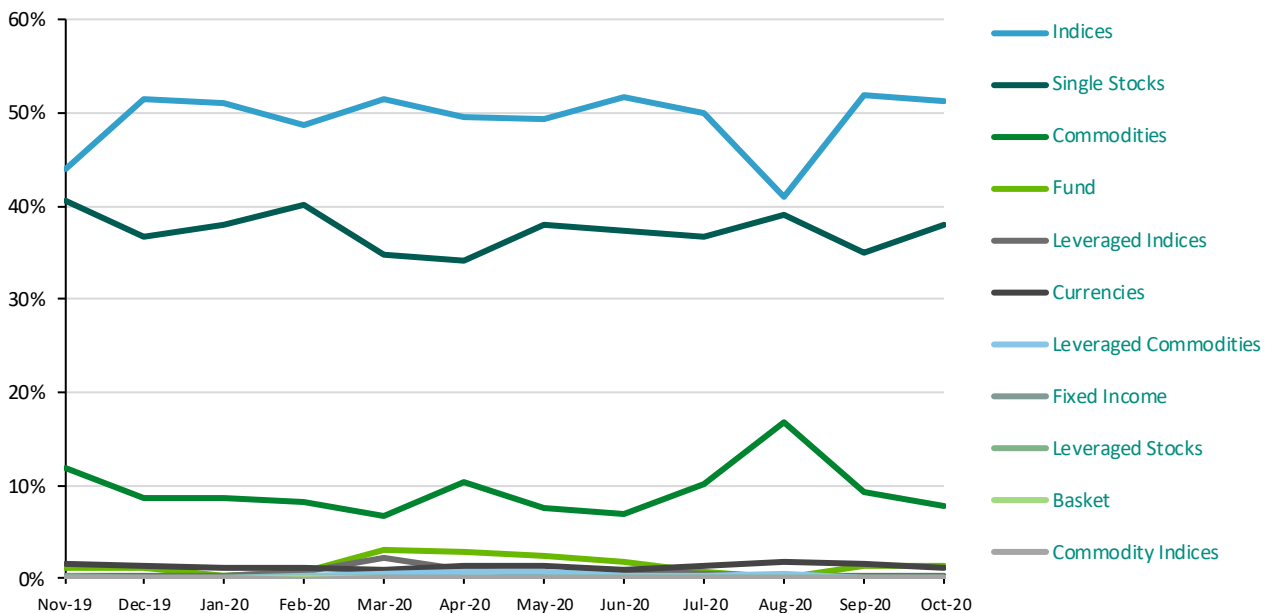
## Market Trend: Value traded

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

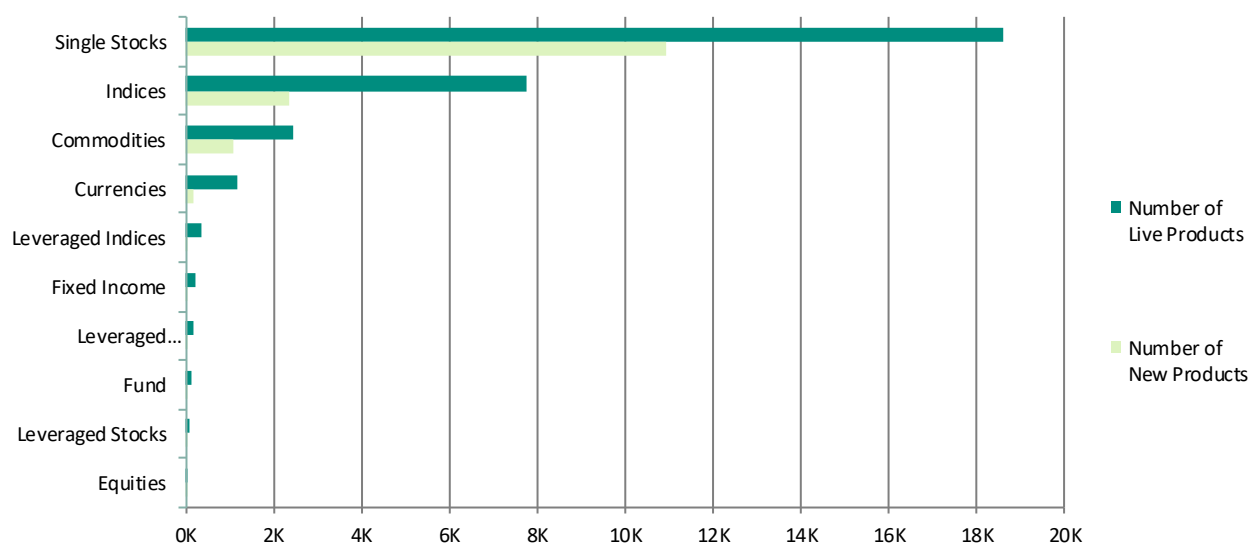
### Product Overview

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	18,602	-3.5%	7.3%	60.1%	10,939	26%	5.5%	74.7%
Indices	7,776	-4.7%	5.1%	25.1%	2,372	-11.4%	-32%	16.2%
Commodities	2,439	-9.3%	15.1%	7.9%	1,097	15.6%	8.9%	7.5%
Currencies	1,179	1.8%	20%	3.8%	155	-45%	-34%	1.1%
Leveraged Indices	332	4.3%	2.2%	1.1%	17	-15.0%	-69%	0.1%
Fixed Income	198	-1.1%	-8.2%	0.6%	6	-14.3%	-62%	0.0%
Leveraged Commodities	188	14.2%	-0.9%	0.6%	18	-42%	-70%	0.1%
Fund	116	1.8%	14.3%	0.4%	3	50%	16.1%	0.0%
Leveraged Stocks	70	38%	14.5%	0.2%	11	-58%	-44%	0.1%
Equities	32	26%	281%	0.1%	17	-39%	108%	0.1%
<b>Total</b>	<b>30,945</b>	<b>-3.8%</b>	<b>7.7%</b>	<b>100%</b>	<b>14,635</b>	<b>14.9%</b>	<b>-4.0%</b>	<b>100%</b>

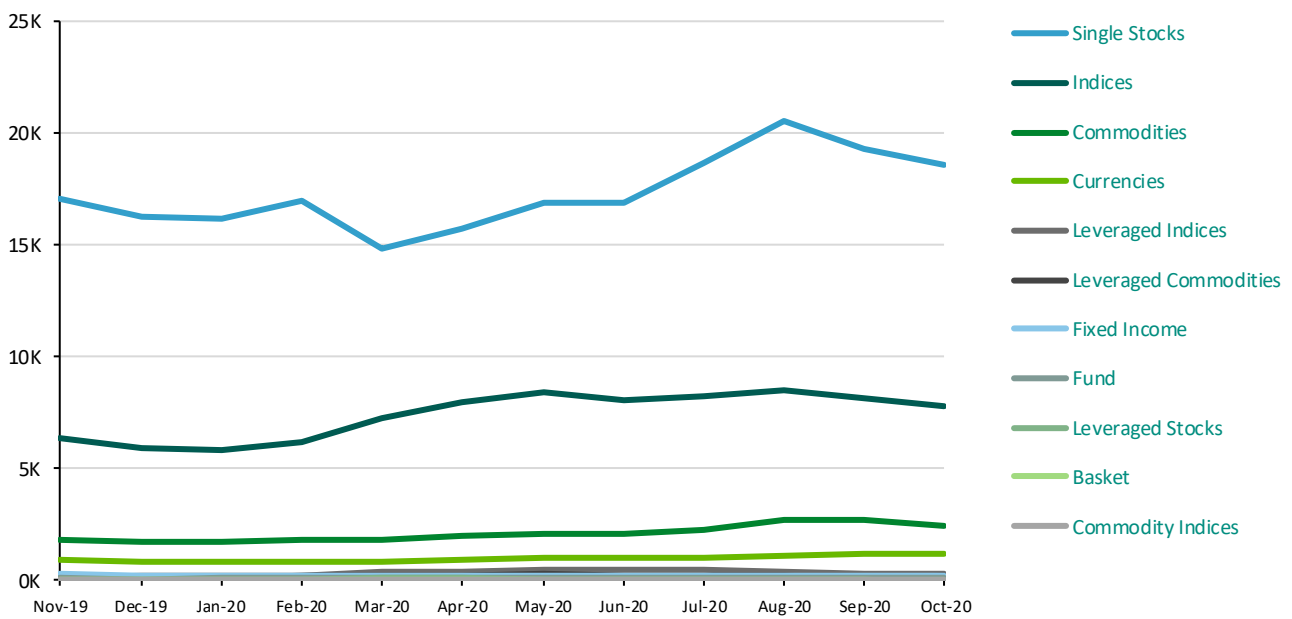
(Source Euronext)



# UNDERLYING TYPES

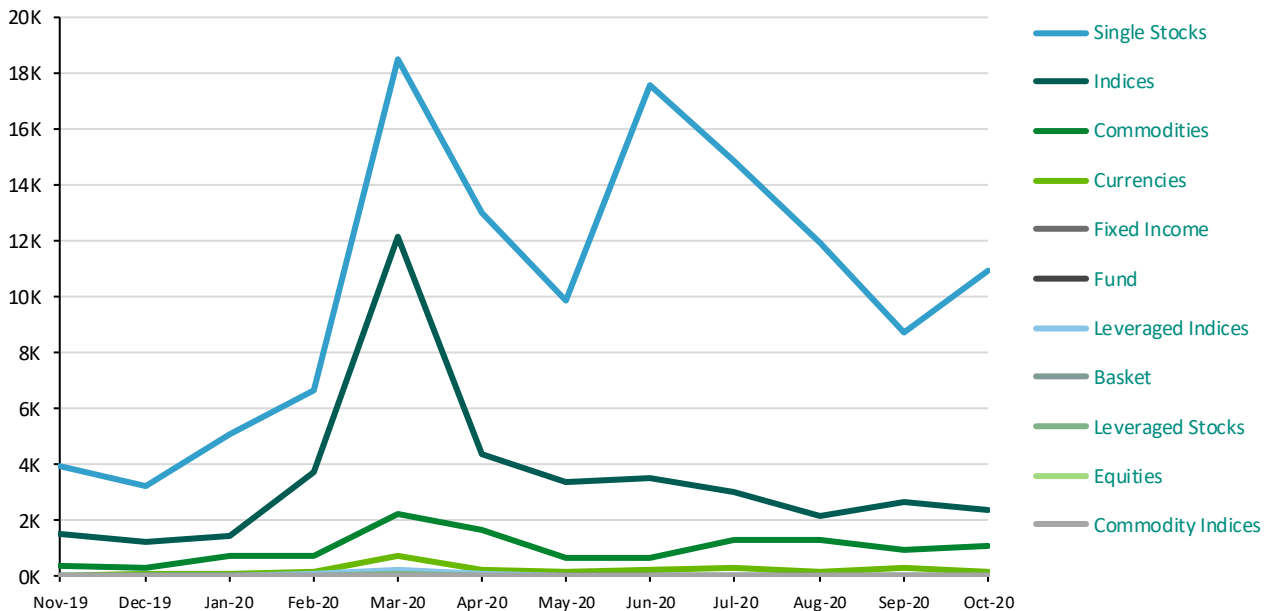
## Product Trend: Number of Live Products

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

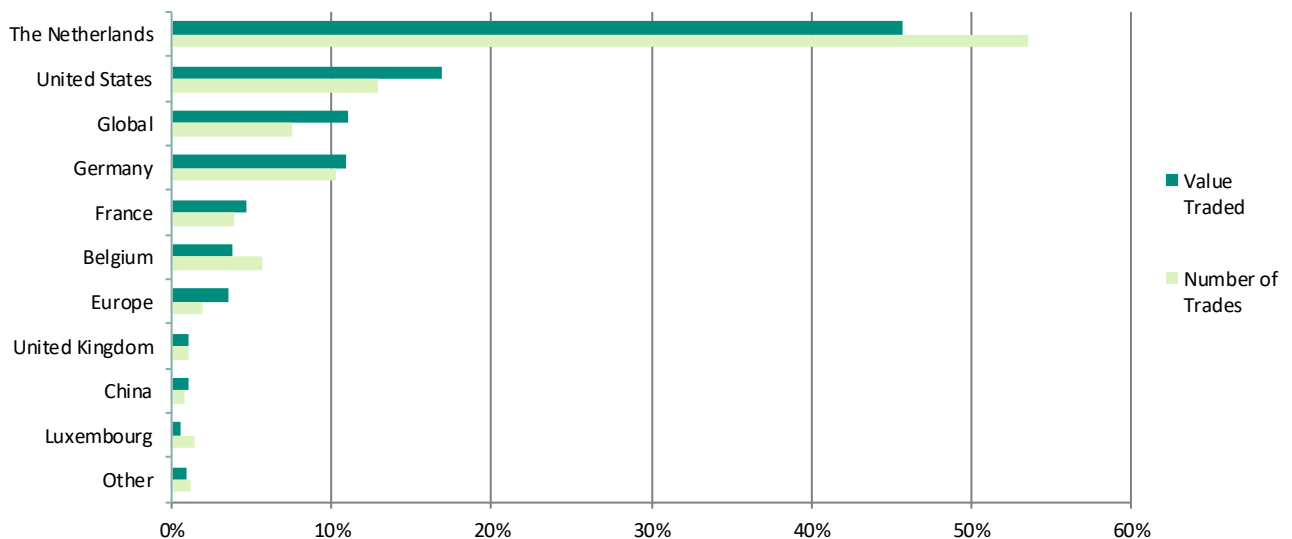
## Market Overview

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	7,576	-9.1%	-29%	45.7%	3,642	3.8%	-19.8%	53.6%
United States	2,797	-13.8%	-27%	16.9%	877	-31%	-29%	12.9%
Global	1,830	-56%	-48%	11.0%	513	-22%	-35%	7.6%
Germany	1,809	16.7%	-23%	10.9%	695	0.6%	-13.8%	10.2%
France	776	-23%	7.2%	4.7%	268	-15.5%	-6.9%	3.9%
Belgium	619	-12.7%	-62%	3.7%	382	9.4%	-26%	5.6%
Europe	579	-24%	-63%	3.5%	125	-4.9%	-37%	1.8%
United Kingdom	176	-38%	-33%	1.1%	67	-2.1%	-19.8%	1.0%
China	172	114%	221%	1.0%	51	96%	154%	0.7%
Luxembourg	92	-38%	-75%	0.6%	96	27%	-36%	1.4%
Other	139	-25%	-55%	0.8%	77	-7.0%	-23%	1.1%
<b>Total</b>	<b>16,564</b>	<b>-18.8%</b>	<b>-34.4%</b>	<b>100%</b>	<b>6,793</b>	<b>-5.3%</b>	<b>-22.2%</b>	<b>100%</b>

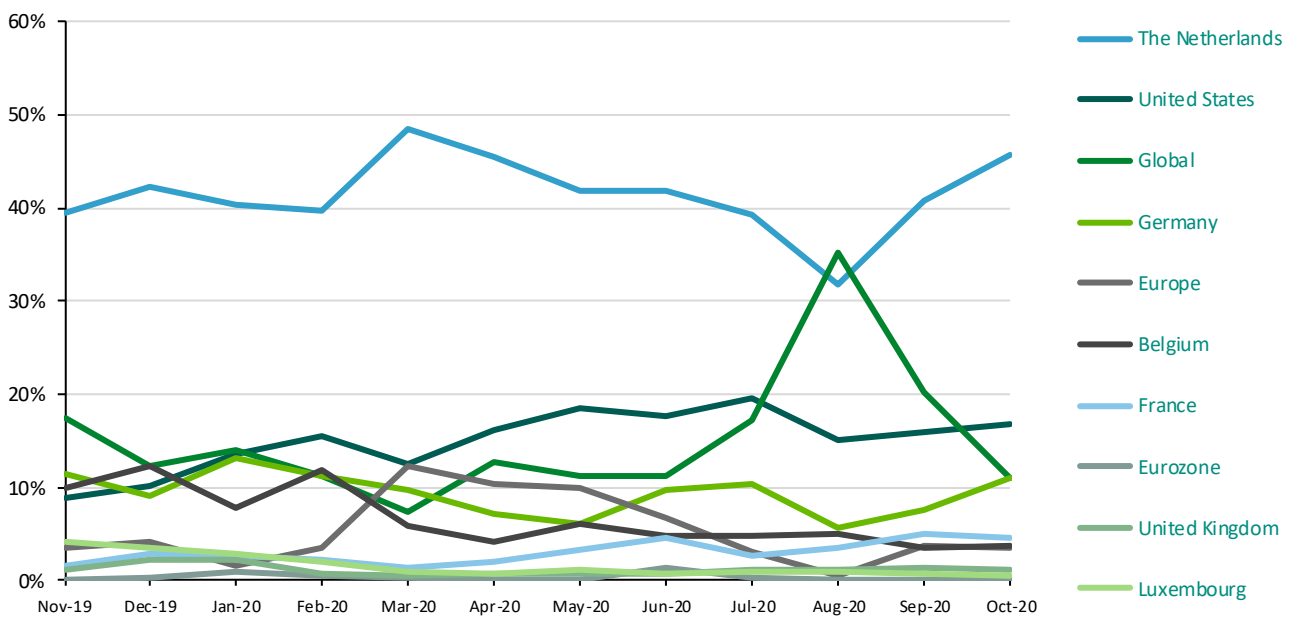
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

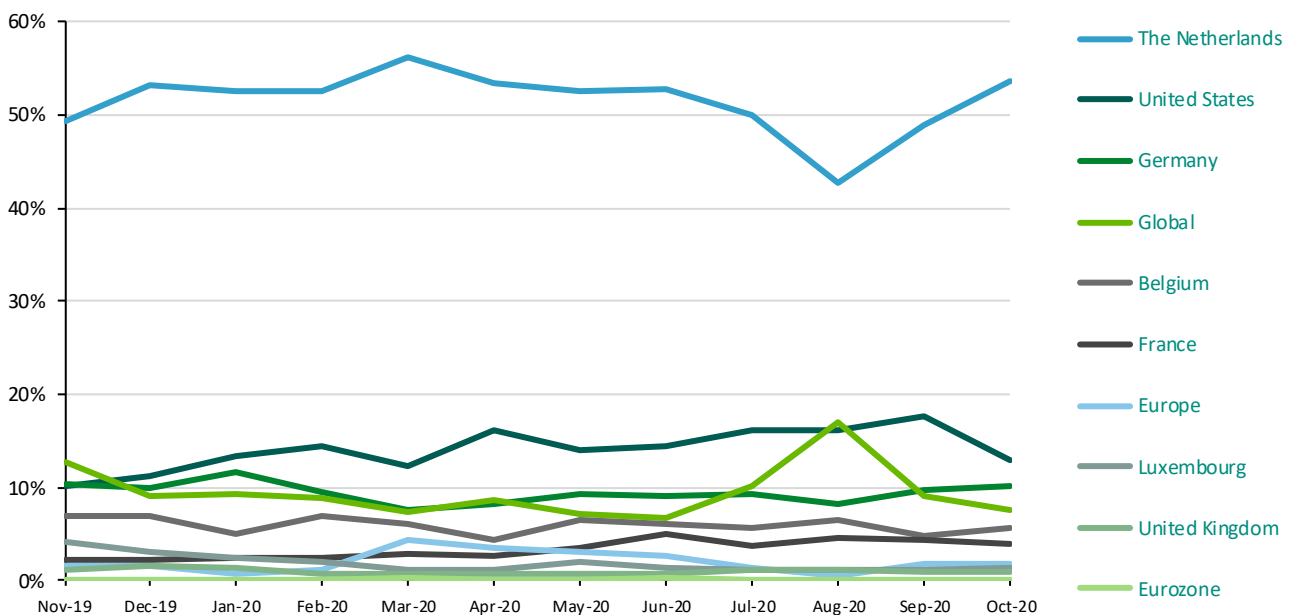
## Market Trend: Value traded

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

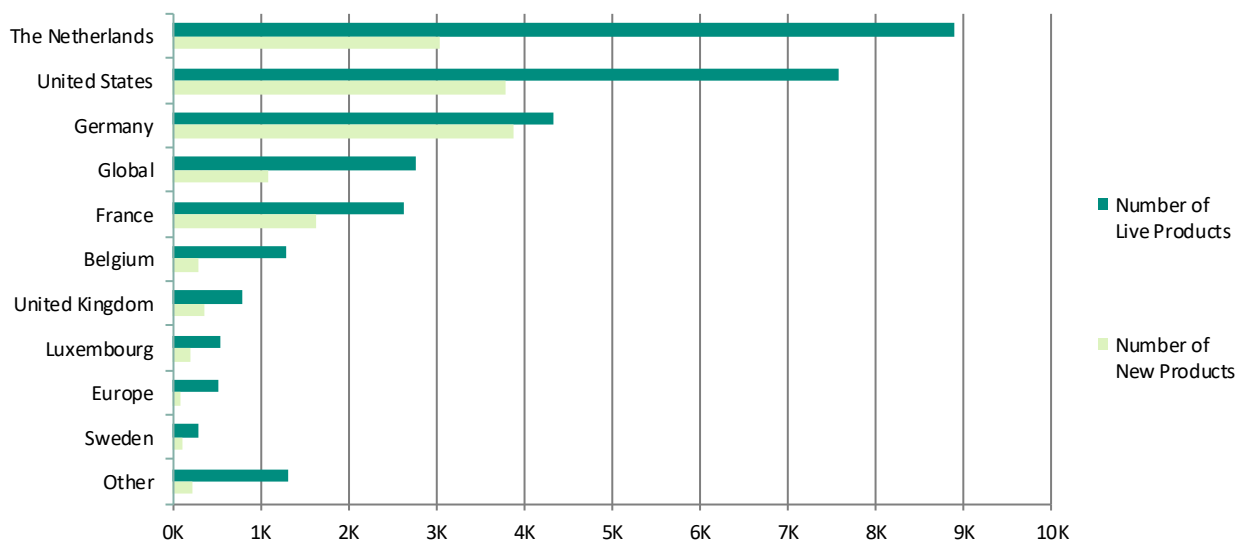
### Product Overview

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	8,899	-6.3%	-2.6%	28.8%	3,028	10.3%	-27%	20.7%
United States	7,578	-1.5%	19.8%	24.5%	3,782	-20%	-7.7%	25.8%
Germany	4,344	-0.9%	22%	14.0%	3,869	112%	37%	26.4%
Global	2,768	-6.0%	9.4%	8.9%	1,075	12.8%	5.7%	7.3%
France	2,621	-4.6%	8.9%	8.5%	1,634	20%	17.0%	11.2%
Belgium	1,290	-6.7%	-11.3%	4.2%	282	-5.4%	-48%	1.9%
United Kingdom	792	1.3%	10.1%	2.6%	357	62%	27%	2.4%
Luxembourg	536	-3.8%	-9.5%	1.7%	200	-17.0%	-41%	1.4%
Europe	514	-0.1%	6.3%	1.7%	77	-21%	-44%	0.5%
Sweden	288	-13.7%	4.7%	0.9%	105	78%	-27%	0.7%
Other	1,315	-1.5%	5.9%	4.2%	226	14.1%	-33%	1.5%
Total	30,945	-3.8%	7.7%	100%	14,635	14.9%	-4.0%	100%

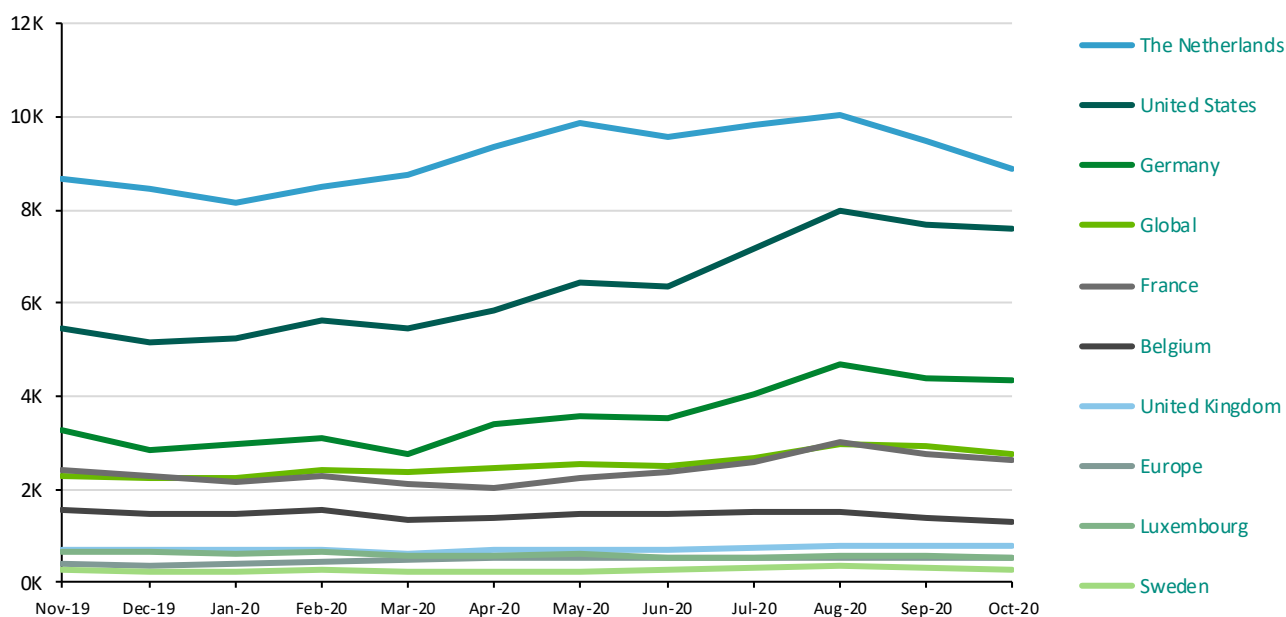
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

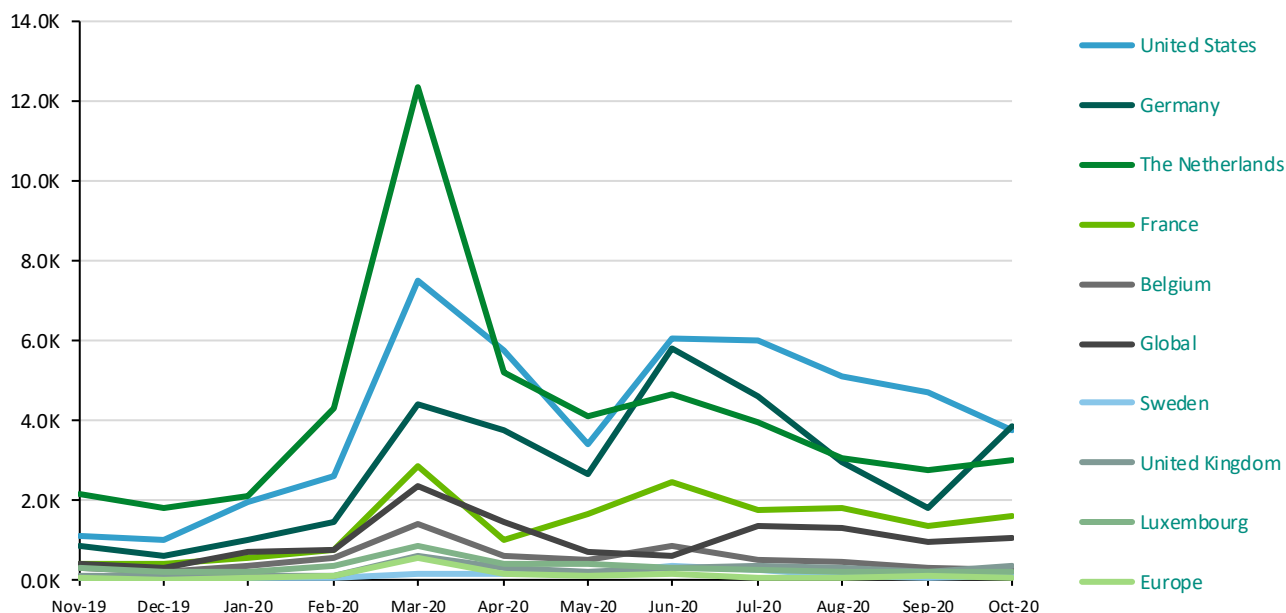
## Product Trend: Number of Live Products

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

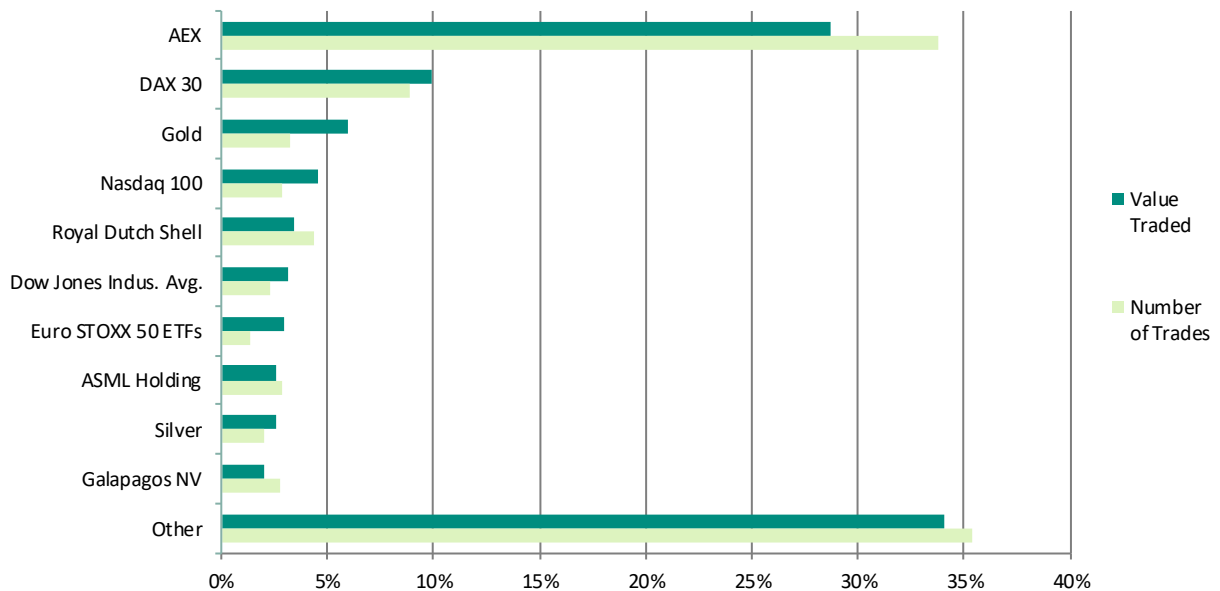
## Market Overview

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	4,752	-21%	-35%	28.7%	2,297	-3.0%	-19.3%	33.8%
DAX 30	1,649	17.2%	-20%	10.0%	604	-1.3%	-11.5%	8.9%
Gold	992	-37%	-43%	6.0%	222	-22%	-21%	3.3%
Nasdaq 100	759	-12.7%	6.6%	4.6%	197	-36%	-17.2%	2.9%
Royal Dutch Shell	567	30%	21%	3.4%	298	36%	18.8%	4.4%
Dow Jones Indus. Avg.	526	28%	-40%	3.2%	157	-17.6%	-29%	2.3%
Euro STOXX 50 ETFs	490	-31%	-63%	3.0%	94	-8.5%	-34%	1.4%
ASML Holding	430	25%	-34%	2.6%	196	5.1%	-32%	2.9%
Silver	425	-80%	-40%	2.6%	138	-34%	-12.8%	2.0%
Galapagos NV	336	-19.4%	-74%	2.0%	186	-6.2%	-46%	2.7%
Other	5,638	-8.0%	-30%	34.0%	2,403	-3.6%	-27%	35.4%
<b>Total</b>	<b>16,564</b>	<b>-18.8%</b>	<b>-34.4%</b>	<b>100%</b>	<b>6,793</b>	<b>-5.3%</b>	<b>-22.2%</b>	<b>100%</b>

(Source Euronext)

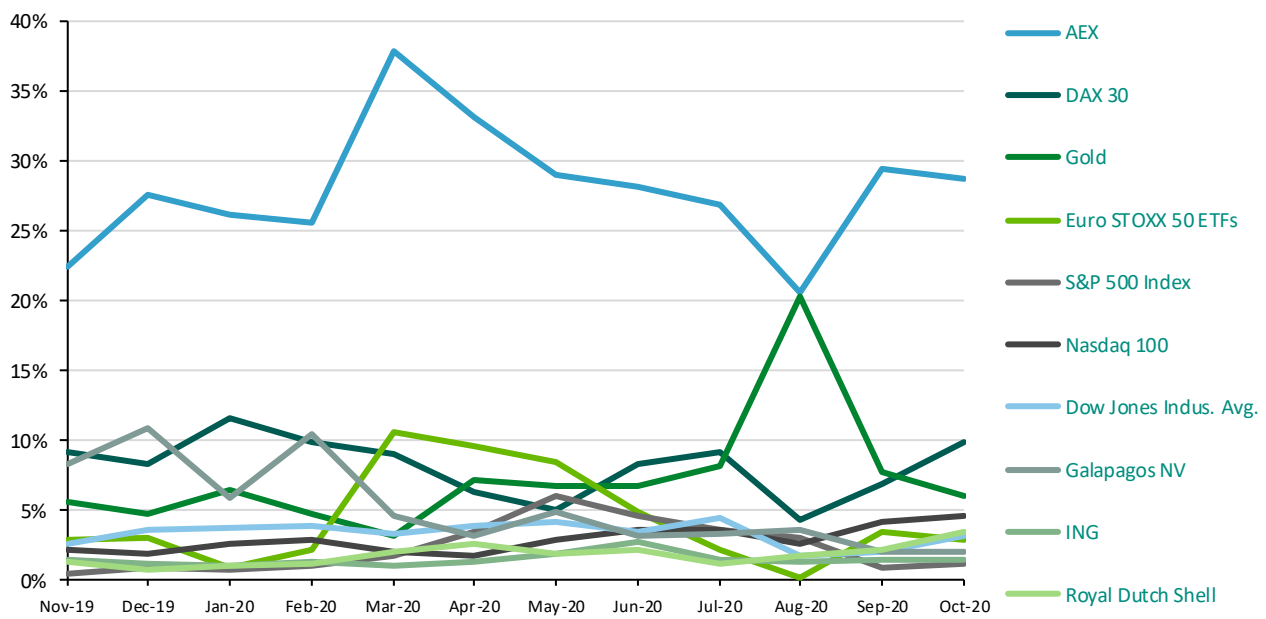




# TOP 10 UNDERLYINGS

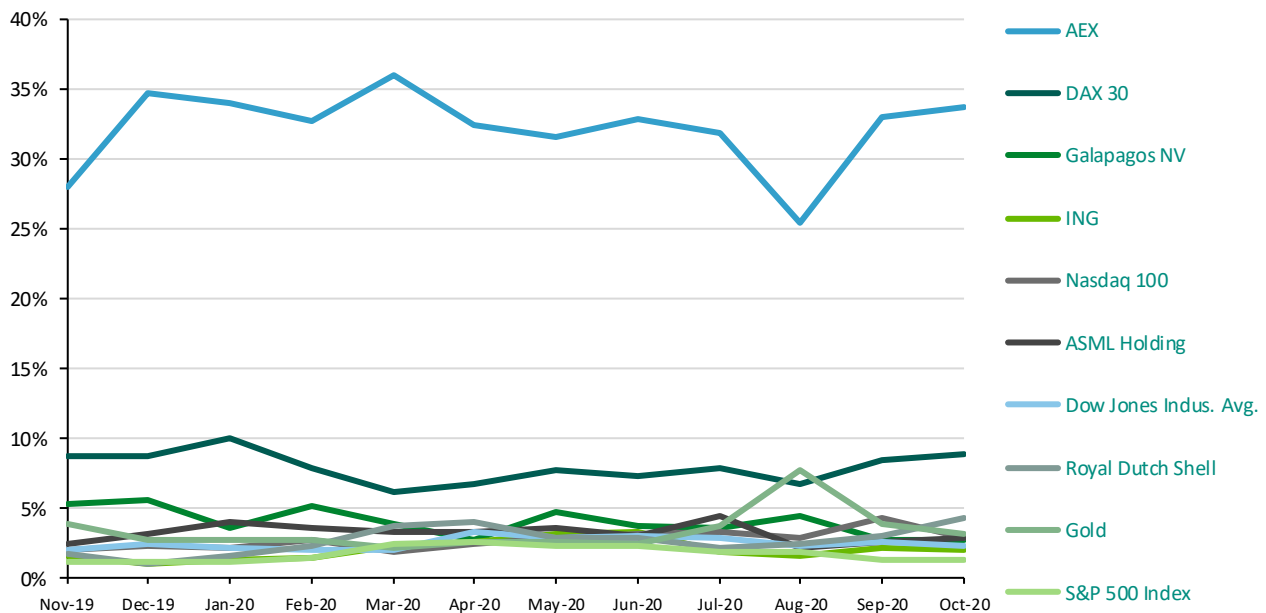
## Market Trend: Value traded

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

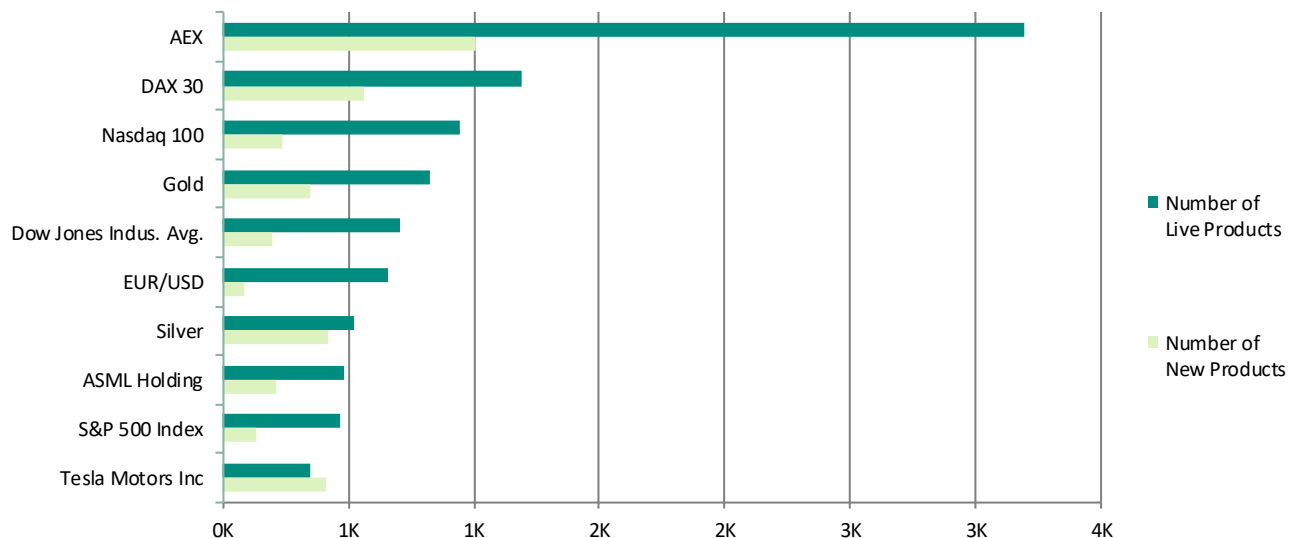
## Product Overview

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	3,196	-5.8%	0.7%	10.3%	1,004	5.1%	-36%	6.9%
DAX 30	1,193	-3.6%	8.8%	3.9%	566	32%	-3.8%	3.9%
Nasdaq 100	941	-3.4%	35%	3.0%	240	-60%	-38%	1.6%
Gold	821	-15.3%	16.4%	2.7%	347	58%	40%	2.4%
Dow Jones Indus. Avg.	706	-8.8%	0.5%	2.3%	197	-30%	-47%	1.3%
EUR/USD	659	-12.5%	13.1%	2.1%	89	-19.1%	-45%	0.6%
Silver	525	-9.2%	44%	1.7%	422	5.8%	65%	2.9%
ASML Holding	486	-2.6%	-3.3%	1.6%	215	-10.4%	-21%	1.5%
S&P 500 Index	464	-6.2%	3.7%	1.5%	131	-39%	-33%	0.9%
Tesla Motors Inc	351	0.8%	12.0%	1.1%	413	-49%	-10.1%	2.8%
Other	21,603	-2.5%	7.2%	69.8%	11,011	30%	2.4%	75.2%
<b>Total</b>	<b>30,945</b>	<b>-3.8%</b>	<b>7.7%</b>	<b>100%</b>	<b>14,635</b>	<b>14.9%</b>	<b>-4.0%</b>	<b>100%</b>

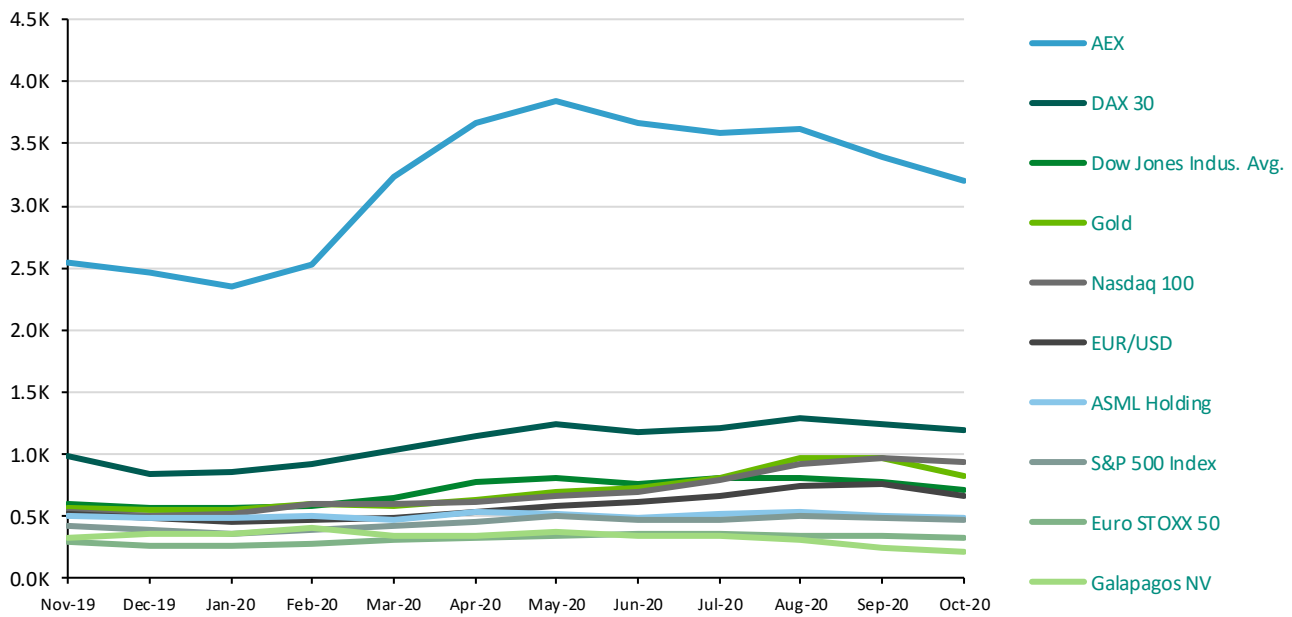
(Source Euronext)



# TOP 10 UNDERLYINGS

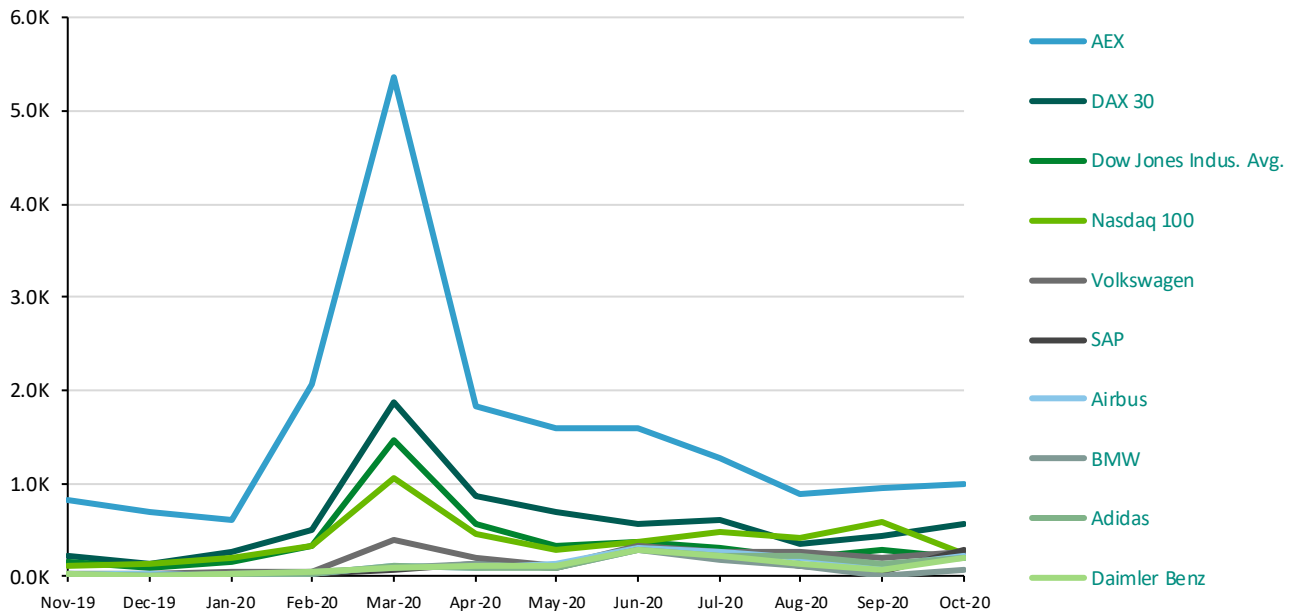
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on 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
NL0015285891	ING	2100   Warrants	Euro STOXX 50 ETFs	9,153	1,708
NLBNPNL10RA3	BNP Paribas	2210   Mini-Futures	AEX	6,479	244
NL0015450321	BNP Paribas	2210   Mini-Futures	Gold	4,781	214
NL0015456815	BNP Paribas	2210   Mini-Futures	DAX 30	2,891	186
DE000CU6HZQ6	Société Générale	2210   Mini-Futures	Dow Jones Indus. Avg.	2,497	85
DE000VE22DJ2	Vontobel	2205   Open-End Knock-Out Warrants	DAX 30	2,409	581
DE000SB5AYL2	Société Générale	2210   Mini-Futures	Nasdaq 100	2,321	15
NL0015113325	BNP Paribas	2210   Mini-Futures	AEX	2,280	351
NL0014840282	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	2,044	82
NLBNPNL10F40	BNP Paribas	2210   Mini-Futures	DAX 30	2,008	216
NLGS00006518	Goldman Sachs	2210   Mini-Futures	Fugro	1,958	129
DE000VN99SS0	Vontobel	2205   Open-End Knock-Out Warrants	Apple Computer Inc.	1,856	36
DE000VN610B3	Vontobel	2300   Constant Leverage Certificate	Gold x12 Leverage Index	1,834	46
NLBNPNL10DS5	BNP Paribas	2210   Mini-Futures	Gold	1,688	129
NLBNPNL10IB0	BNP Paribas	2210   Mini-Futures	AEX	1,659	475
NLGS00003YN3	Goldman Sachs	2205   Open-End Knock-Out Warrants	Silver	1,622	168
NLBNPNL10BZ4	BNP Paribas	2210   Mini-Futures	AEX	1,607	330
NLBNPNL11EL6	BNP Paribas	2210   Mini-Futures	AEX	1,590	63
NLBNPNL101P0	BNP Paribas	2210   Mini-Futures	Gold	1,518	34
NLBNPNL10LZ3	BNP Paribas	2210   Mini-Futures	DAX 30	1,472	85
NLBNPNL119G1	BNP Paribas	2210   Mini-Futures	AEX	1,457	98
NLBNPNL114M0	BNP Paribas	2210   Mini-Futures	AEX	1,422	396
DE000KB28FS4	Citi	2210   Mini-Futures	AEX	1,406	3,165
NLBNPNL10PG4	BNP Paribas	2210   Mini-Futures	AEX	1,386	154
DE000SB5KE93	Société Générale	2205   Open-End Knock-Out Warrants	Royal Dutch Shell	1,379	250
NLBNPNL110X5	BNP Paribas	2210   Mini-Futures	Dow Jones Indus. Avg.	1,305	38
DE000VP8F5P2	Vontobel	2200   Knock-Out Warrants	AEX	1,248	154
NL0014775843	Goldman Sachs	2210   Mini-Futures	Fugro	1,234	95
NL0015486705	BNP Paribas	2210   Mini-Futures	DAX 30	1,221	217
NL0015113119	BNP Paribas	2210   Mini-Futures	Gold	1,197	57
NL0014151938	BNP Paribas	2210   Mini-Futures	Dow Jones Indus. Avg.	1,195	261
NL0011371372	ING	2205   Open-End Knock-Out Warrants	Royal Dutch Shell	1,195	987
DE000CL4JHM5	Société Générale	2205   Open-End Knock-Out Warrants	Royal Dutch Shell	1,155	148
NLBNPNL10RD7	BNP Paribas	2210   Mini-Futures	AEX	1,148	34
NLGS00006542	Goldman Sachs	2210   Mini-Futures	Fugro	1,112	65
NL0014988404	Goldman Sachs	2205   Open-End Knock-Out Warrants	SNAP Inc.	1,091	55
NLBNPNL10G07	BNP Paribas	2205   Open-End Knock-Out Warrants	Nasdaq 100	1,056	61
NLBNPNL10ZG3	BNP Paribas	2210   Mini-Futures	AEX	1,006	38
NL0015451162	BNP Paribas	2205   Open-End Knock-Out Warrants	Gold	1,002	123
NL0015468570	BNP Paribas	2210   Mini-Futures	AEX	963	112
NLBNPNL10209	BNP Paribas	2210   Mini-Futures	AEX	956	228
NLBNPNL10I96	BNP Paribas	2210   Mini-Futures	AEX	947	242
DE000SR8HWH5	Société Générale	2205   Open-End Knock-Out Warrants	CAC 40	929	23
NL0014851164	BNP Paribas	2210   Mini-Futures	DAX 30	904	130
NL0015406612	Goldman Sachs	2205   Open-End Knock-Out Warrants	SNAP Inc.	897	40
NLGS00008MO5	Goldman Sachs	2205   Open-End Knock-Out Warrants	Nasdaq 100	882	10
NLBNPNL10C35	BNP Paribas	2210   Mini-Futures	Nasdaq 100	872	63
NLBNPNL10HW8	BNP Paribas	2205   Open-End Knock-Out Warrants	Philips	859	110
NL0015361197	Goldman Sachs	2205   Open-End Knock-Out Warrants	SNAP Inc.	845	42
NLBNPNL10R53	BNP Paribas	2210   Mini-Futures	Gold	837	77

(Source Euronext)



Interbolsa Instruments

# ISSUERS

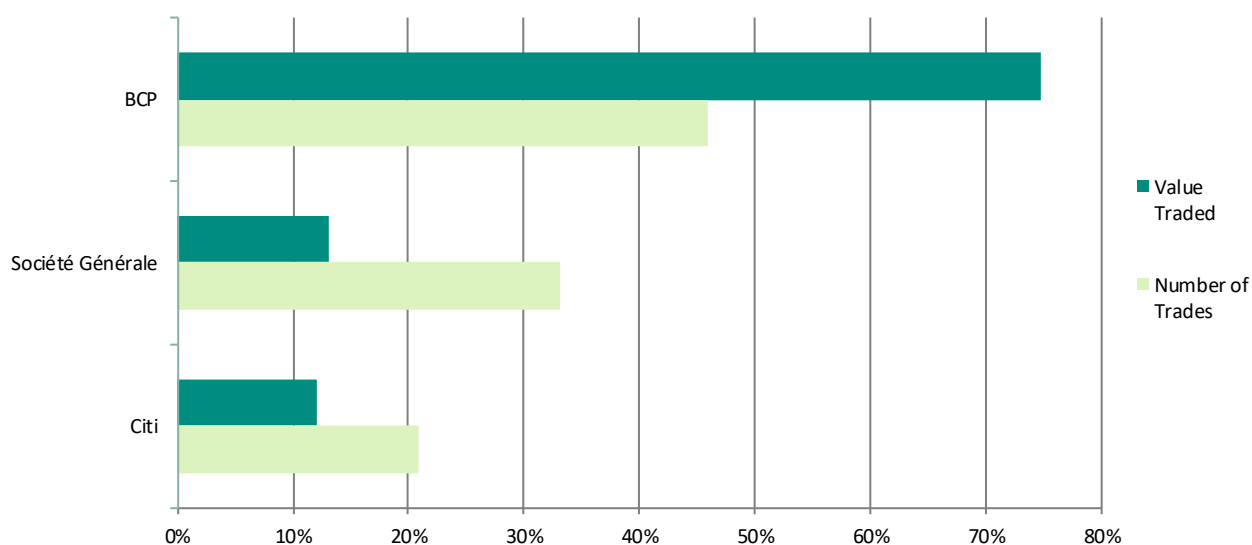
## Market Overview

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	1,385	12.8%	-53%	74.8%	98	4.3%	-52.8%	45.9%
Société Générale	243	17.7%	32%	13.1%	71	-13.0%	14.0%	33.2%
Citi	224	109%	2.0%	12.1%	45	38.2%	-15.5%	20.9%
Total	1,852	20.1%	-45.6%	100%	213	2.8%	-38.3%	100%

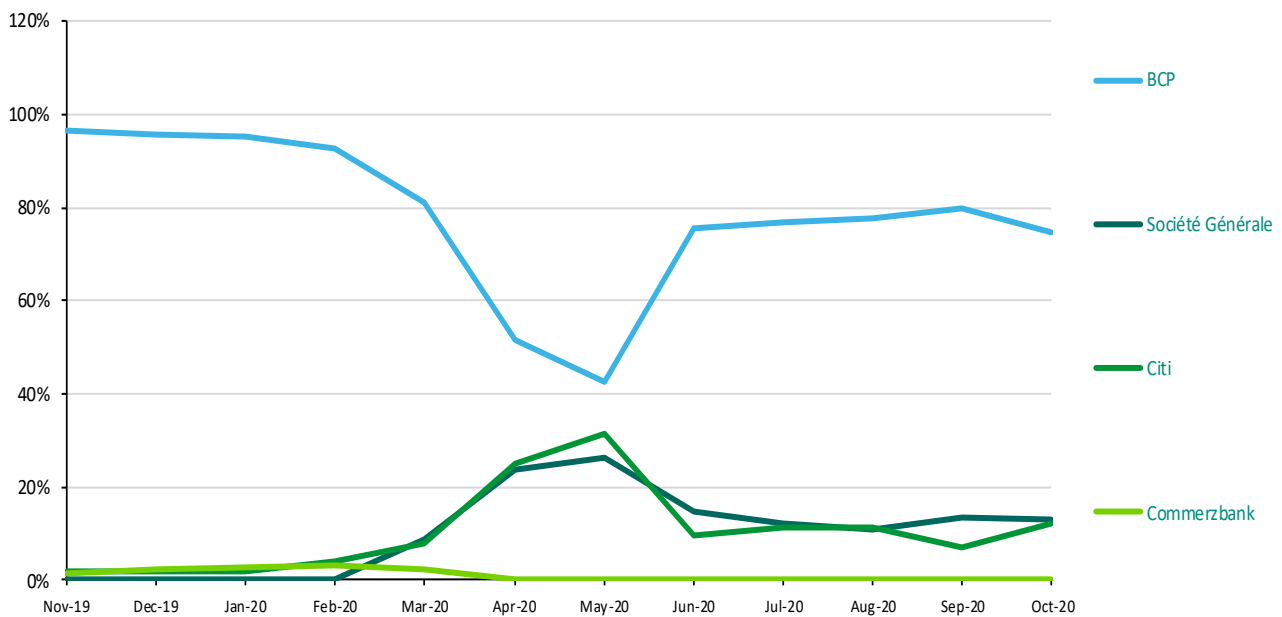
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# ISSUERS

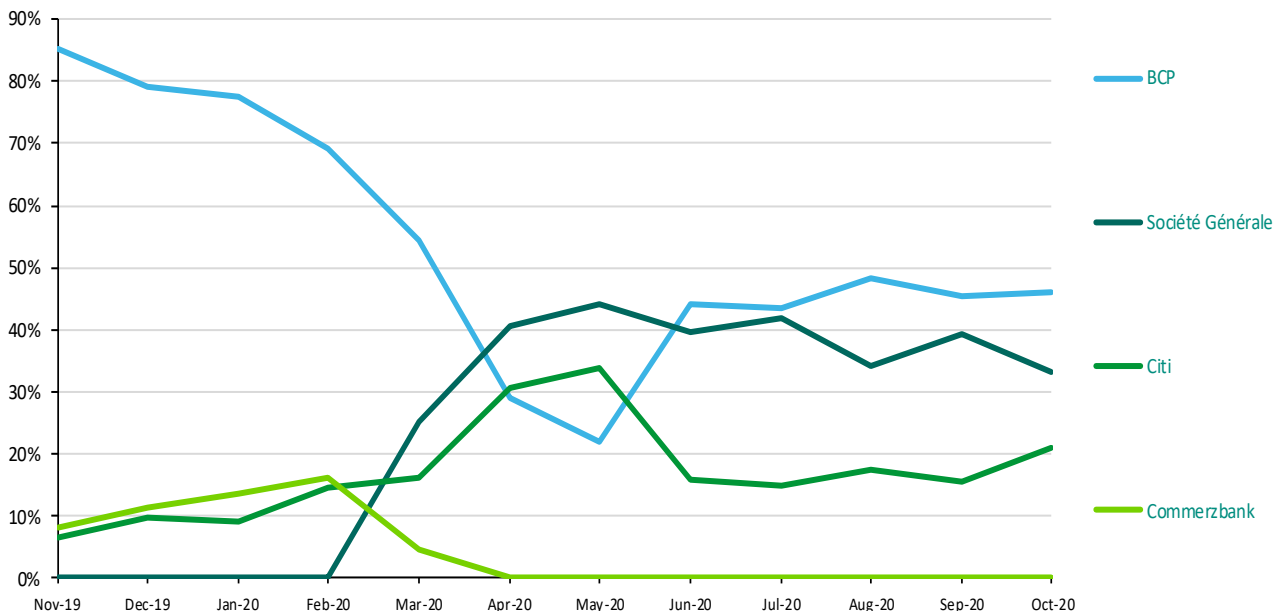
## Market Trend: Value traded

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

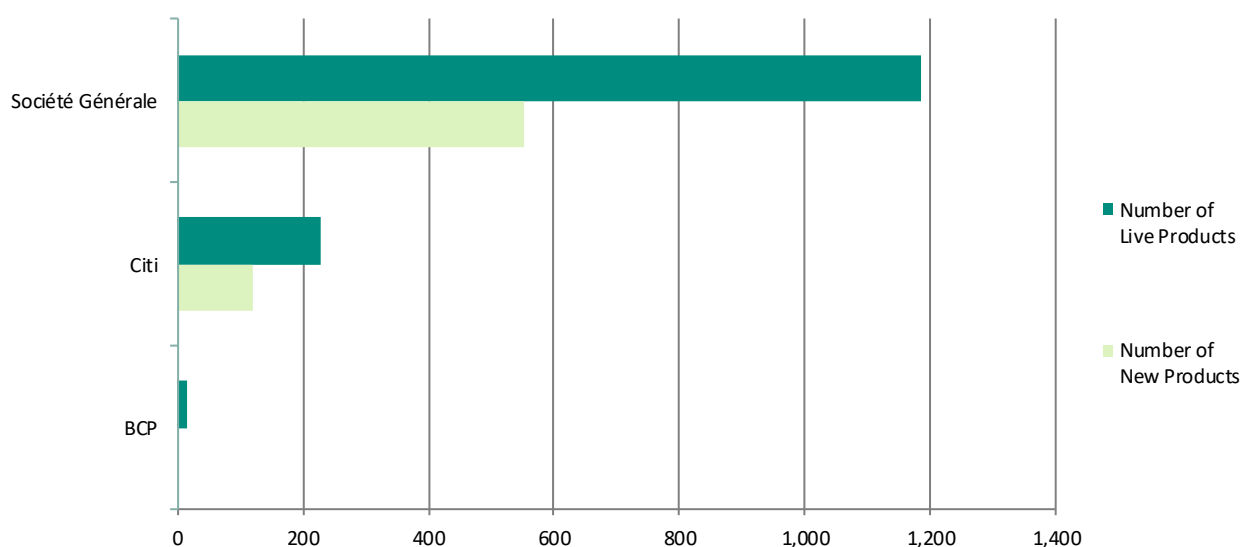
## Product Overview

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	1,185	11.3%	80%	82.9%	554	54%	94%	82.3%
Citi	228	-12.1%	-25%	16.0%	119	-15.6%	-5.7%	17.7%
BCP	16	-7.3%	-7.9%	1.1%	0		-100%	0.0%
Total	1,429	6.6%	0.3%	100%	673	34.6%	41.6%	100%

(Source Euronext)

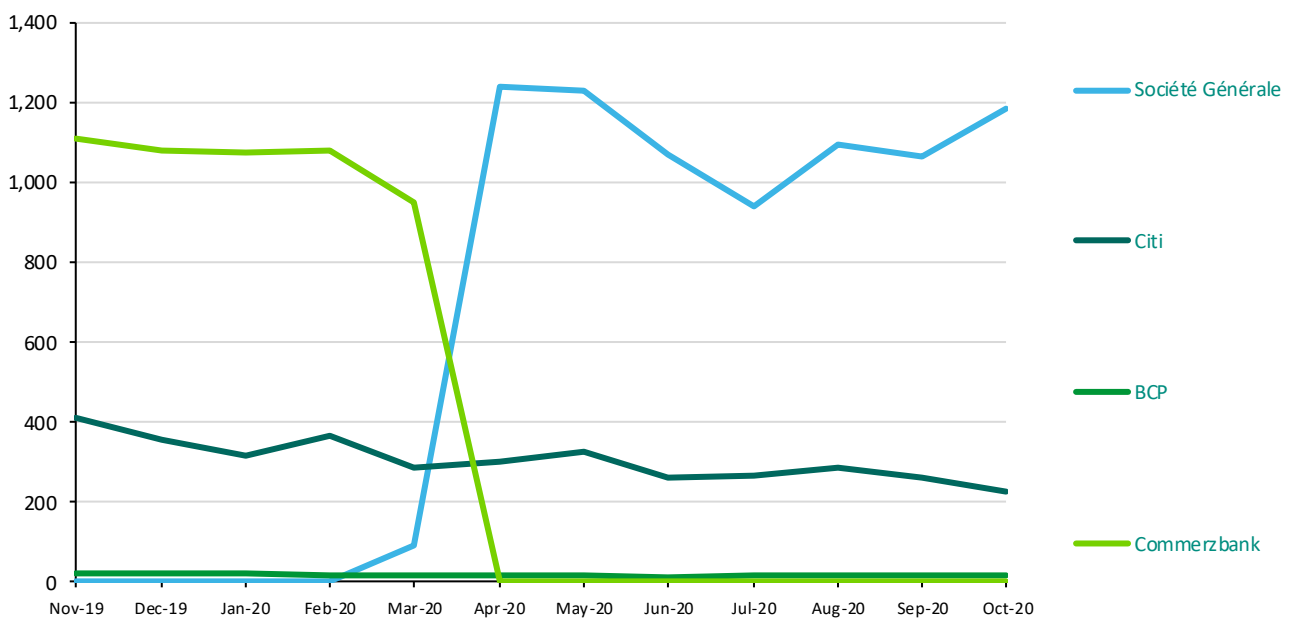




# ISSUERS

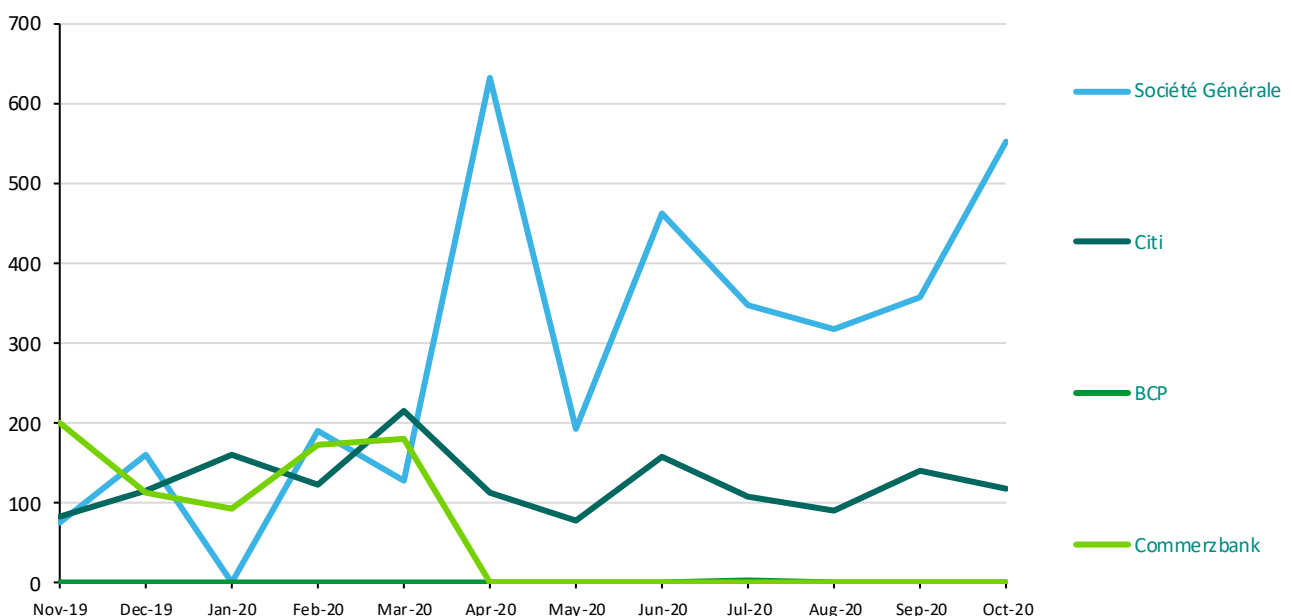
## Product Trend: Number of Live Products

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

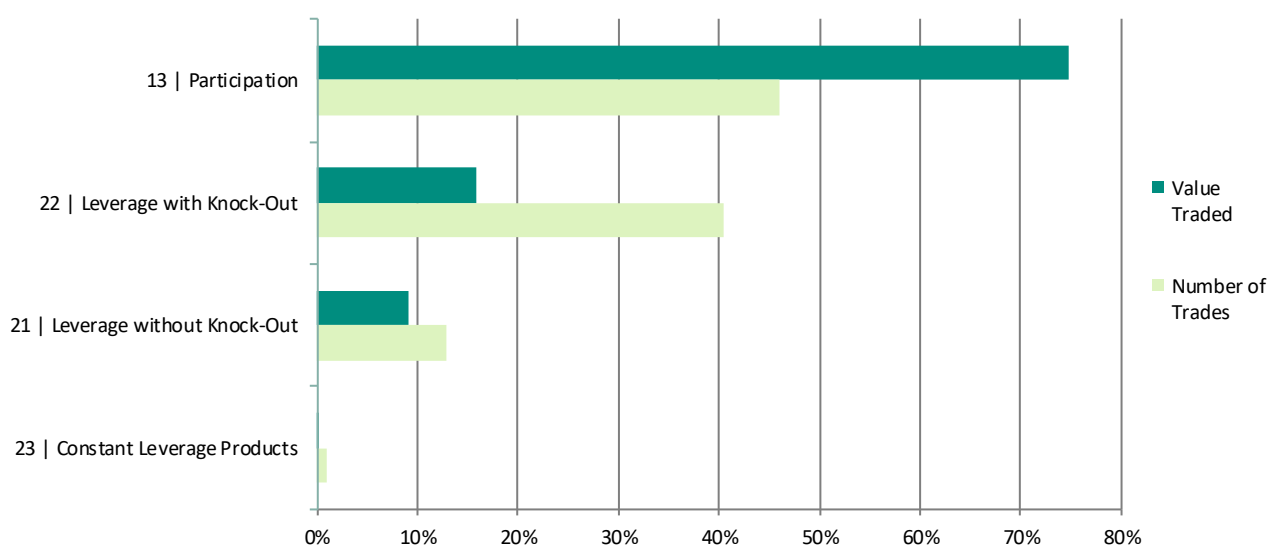
### Market Overview

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	1,385	12.8%	-53%	74.8%	98	4.3%	-52.8%	45.9%
22   Leverage with Knock-Out	295	50%	-12.8%	15.9%	86	20.3%	-5.6%	40.4%
21   Leverage without Knock-Out	170	46%	48%	9.2%	27	-29.0%	-38.1%	12.8%
23   Constant Leverage Products	3	46%	-73%	0.2%	1.9	-46.2%	-30.9%	0.9%
<b>Total</b>	<b>1,852</b>	<b>20.1%</b>	<b>-45.6%</b>	<b>100%</b>	<b>213</b>	<b>2.8%</b>	<b>-38.3%</b>	<b>100%</b>

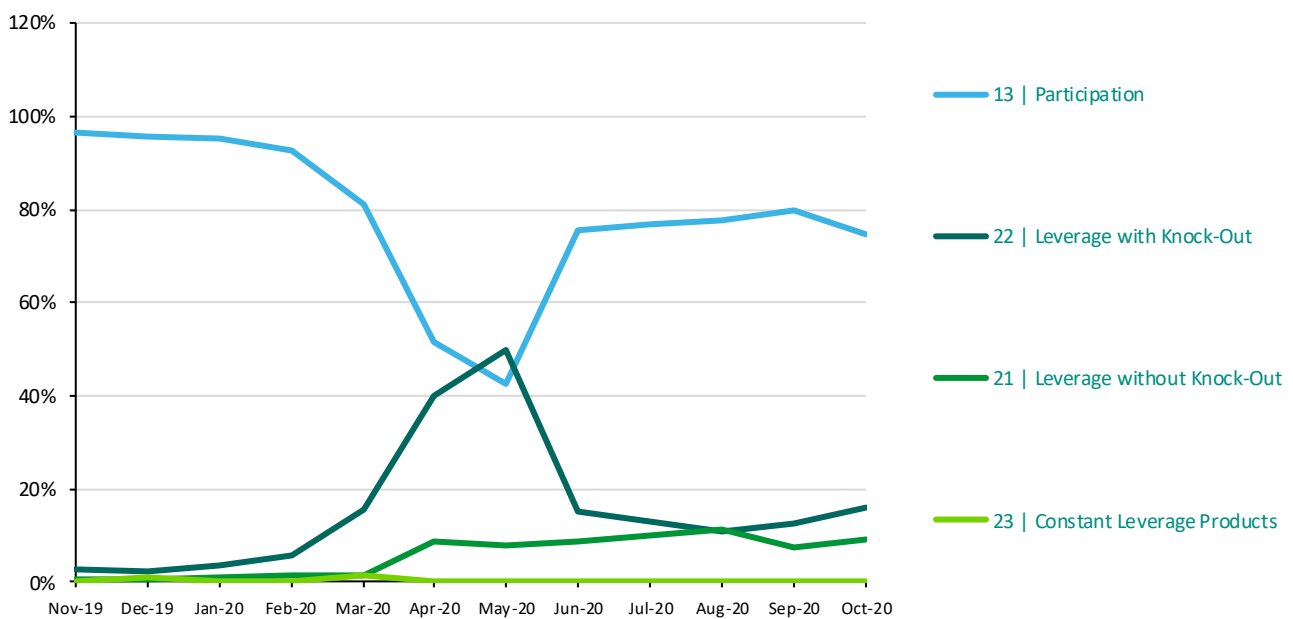
(Source Euronext)



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

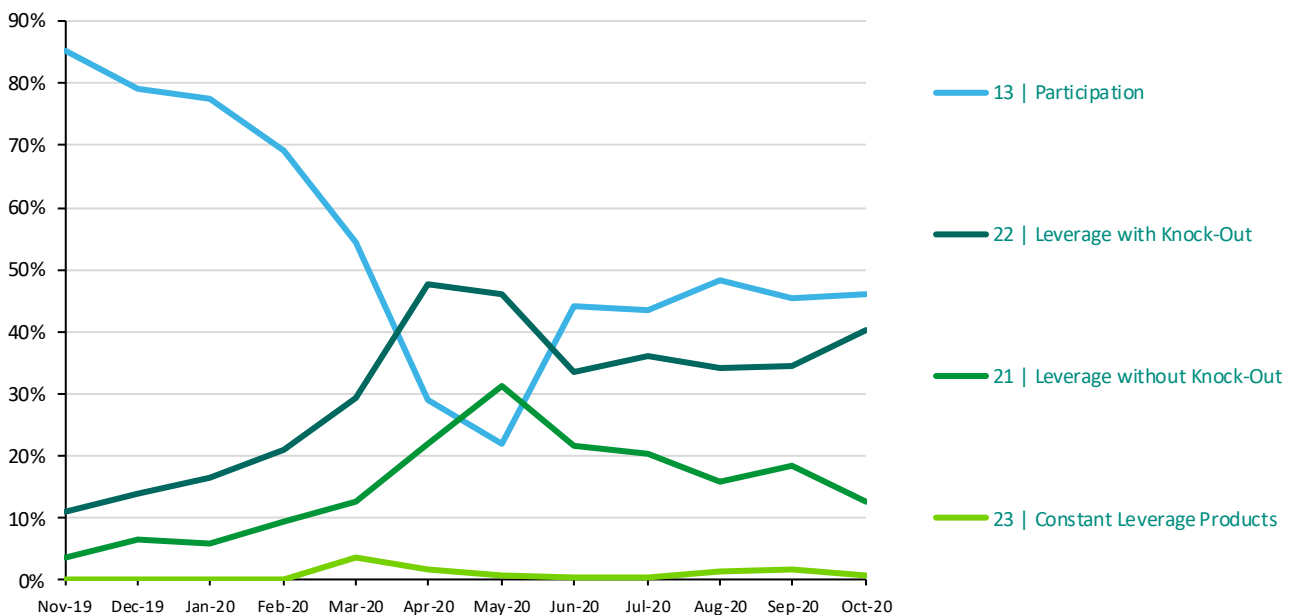
## Market Trend: Value traded

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

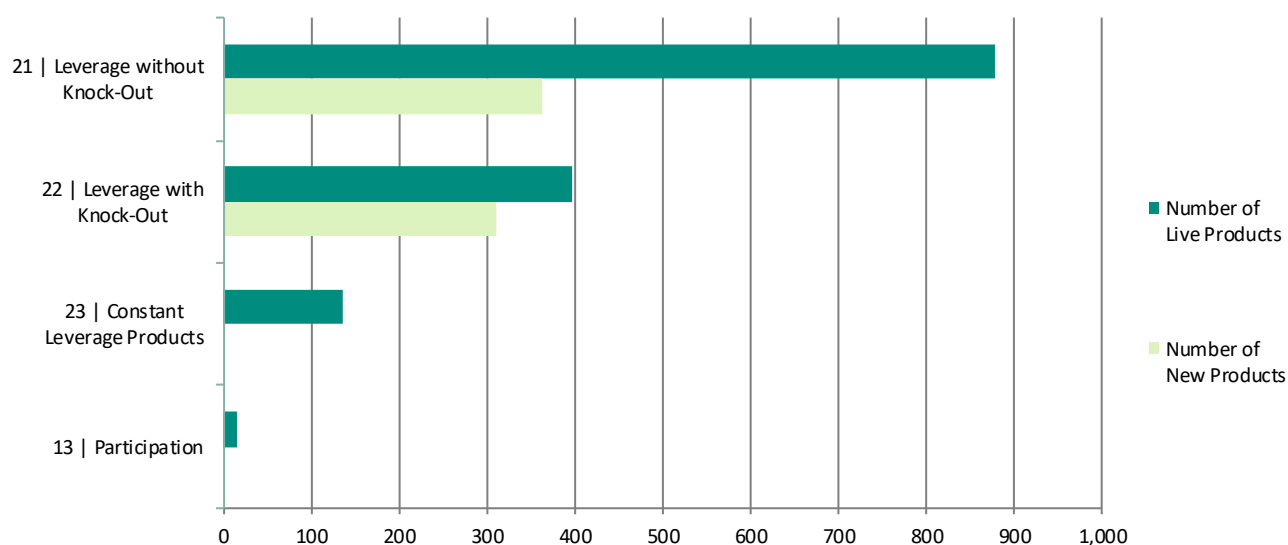
### Product Overview

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	879	19.8%	7.7%	61.5%	363	908%	212%	53.9%
22   Leverage with Knock-Out	398	-11.6%	-19.0%	27.8%	310	-33%	-11.4%	46.1%
23   Constant Leverage Products	137	-2.7%	35%	9.6%	0		-100%	0.0%
13   Participation	16	-7.3%	-7.9%	1.1%	0		-100%	0.0%
<b>Total</b>	<b>1,429</b>	<b>6.6%</b>	<b>0.3%</b>	<b>100%</b>	<b>673</b>	<b>34.6%</b>	<b>41.6%</b>	<b>100%</b>

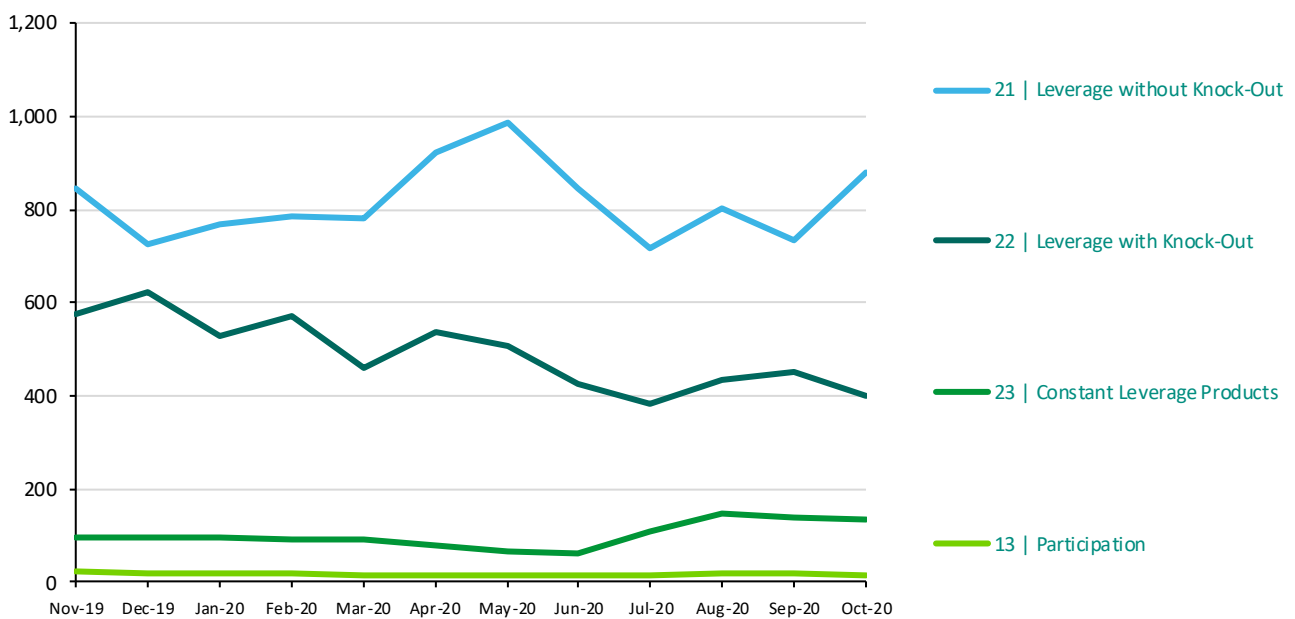
(Source Euronext)



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

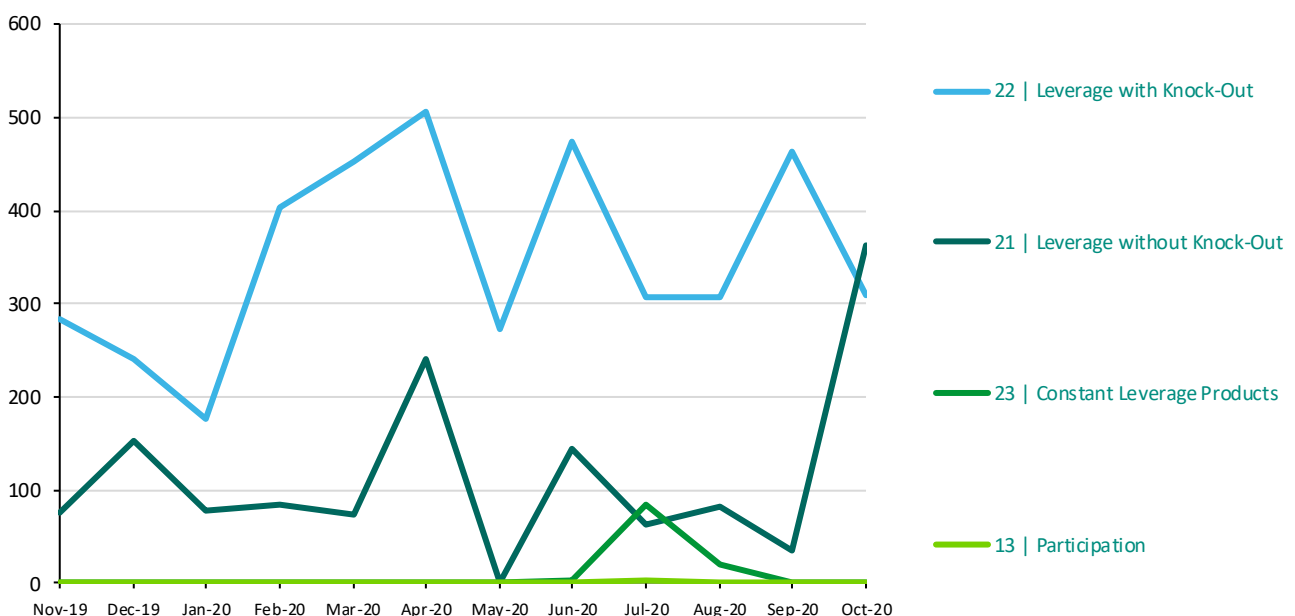
## Product Trend: Number of Live Products

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

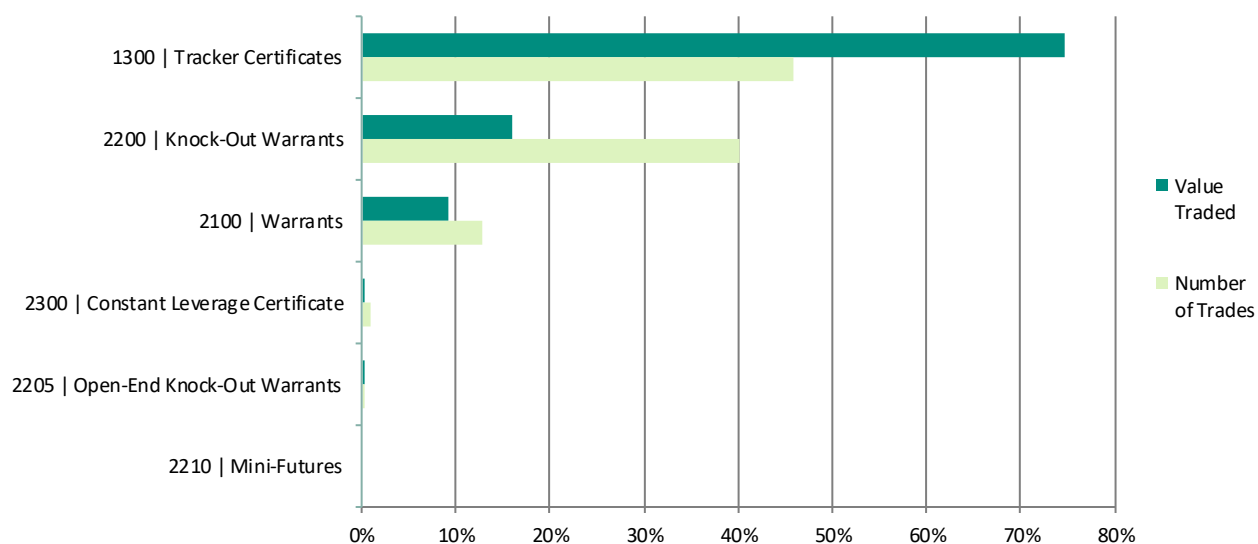
## Market Overview

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	1,385	12.8%	-53%	74.8%	98	4.3%	-52.8%	45.9%
2200   Knock-Out Warrants	294	55%	-12.5%	15.9%	86	21%	-5.3%	40.2%
2100   Warrants	170	46%	48%	9.2%	27	-29%	-38%	12.8%
2300   Constant Leverage Certificate	3	46%	-73%	0.2%	1.9	-46%	-31%	0.9%
2205   Open-End Knock-Out Warrants	0	-96%	-82%	0.0%	0.3	-56%	-53%	0.1%
2210   Mini-Futures	0			0.0%	0.0			0.0%
<b>Total</b>	<b>1,852</b>	<b>20.1%</b>	<b>-45.6%</b>	<b>100%</b>	<b>213</b>	<b>2.8%</b>	<b>-38.3%</b>	<b>100%</b>

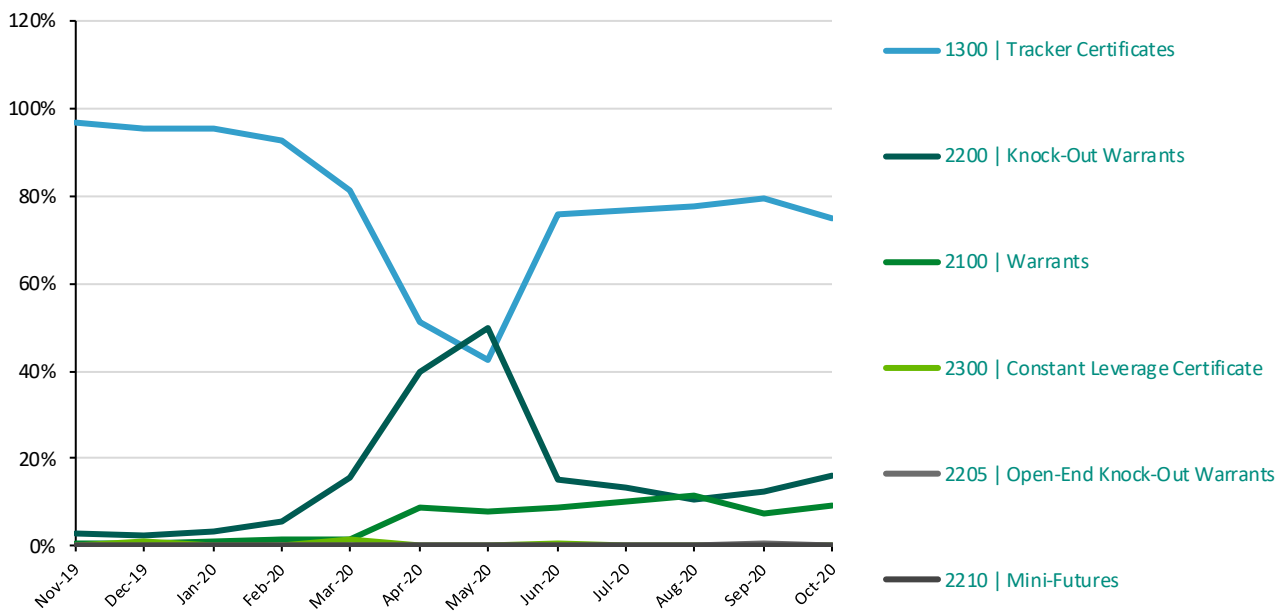
(Source Euronext)



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

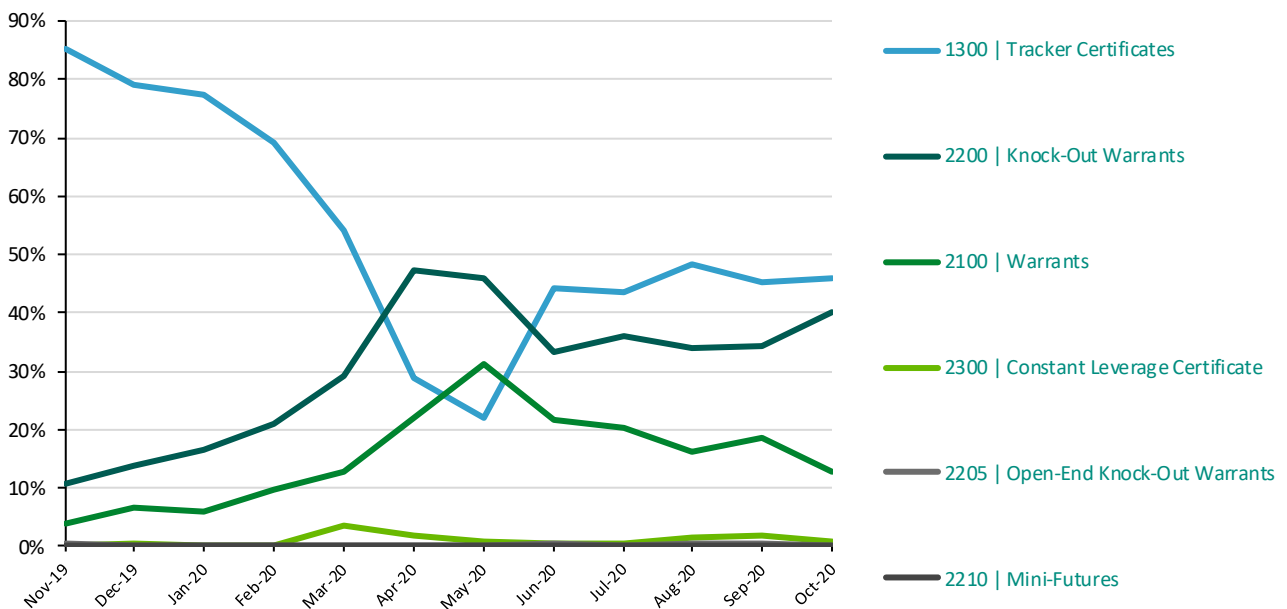
## Market Trend: Value traded

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

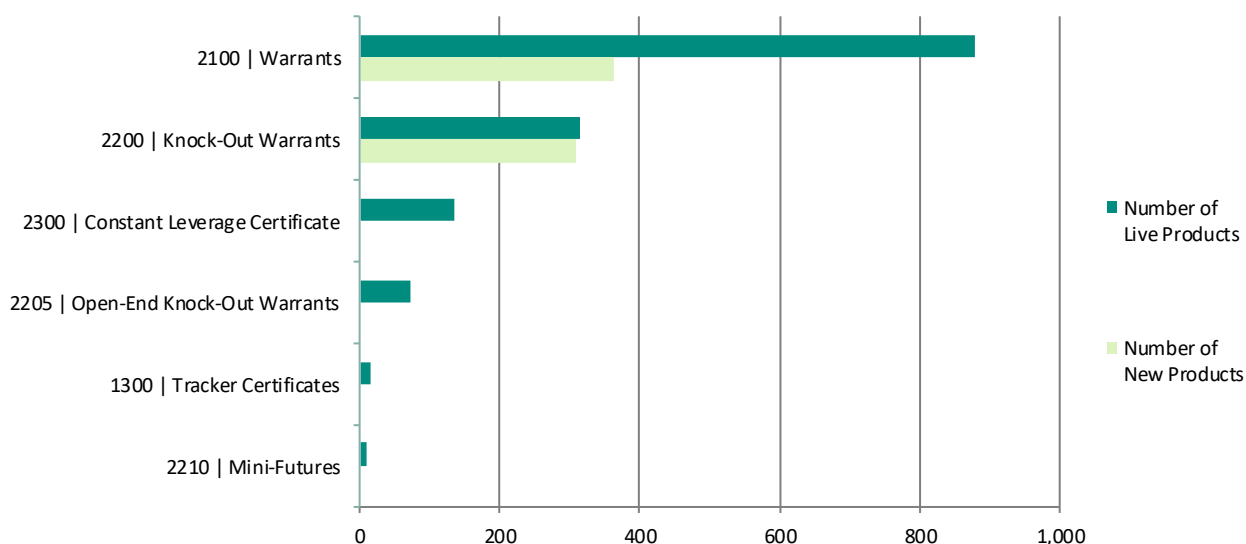
## Product Overview

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	879	19.8%	7.7%	61.5%	363	908%	212%	53.9%
2200   Knock-Out Warrants	316	-14.1%	-9.4%	22.1%	310	-33%	-6.7%	46.1%
2300   Constant Leverage Certificate	137	-2.7%	35%	9.6%	0		-100%	0.0%
2205   Open-End Knock-Out Warrants	72	-0.1%	-45%	5.0%	0		-100%	0.0%
1300   Tracker Certificates	16	-7.3%	-7.9%	1.1%	0		-100%	0.0%
2210   Mini-Futures	10	0.0%	-9.3%	0.7%	0			0.0%
<b>Total</b>	<b>1,429</b>	<b>6.6%</b>	<b>0.3%</b>	<b>100%</b>	<b>673</b>	<b>34.6%</b>	<b>41.6%</b>	<b>100%</b>

(Source Euronext)

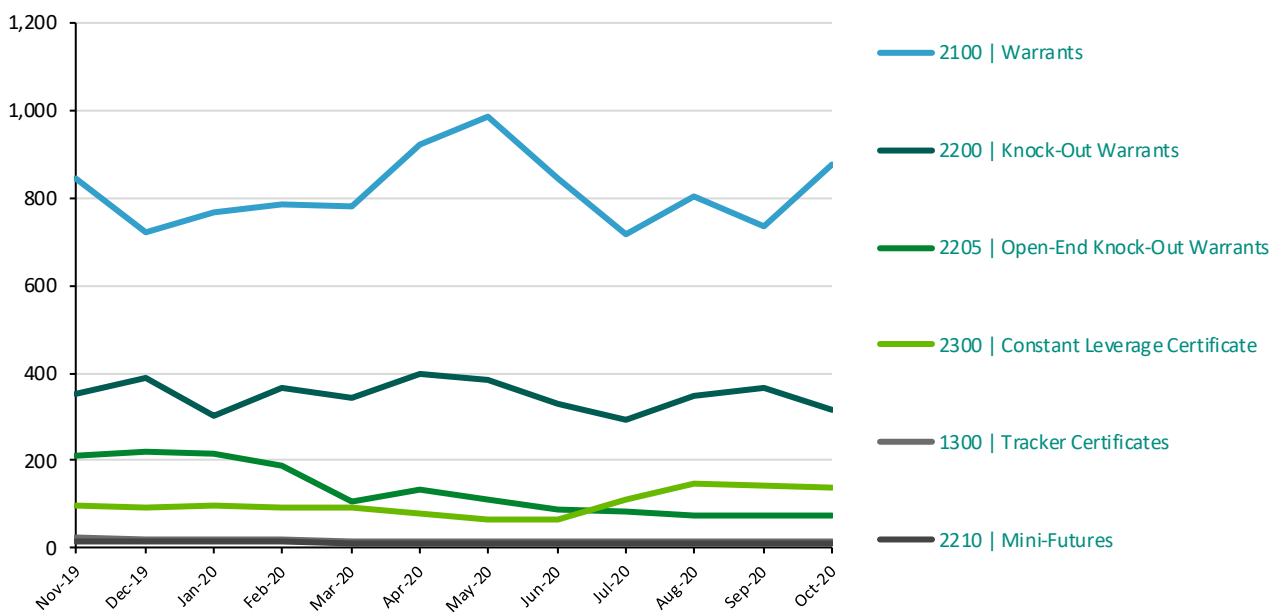




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

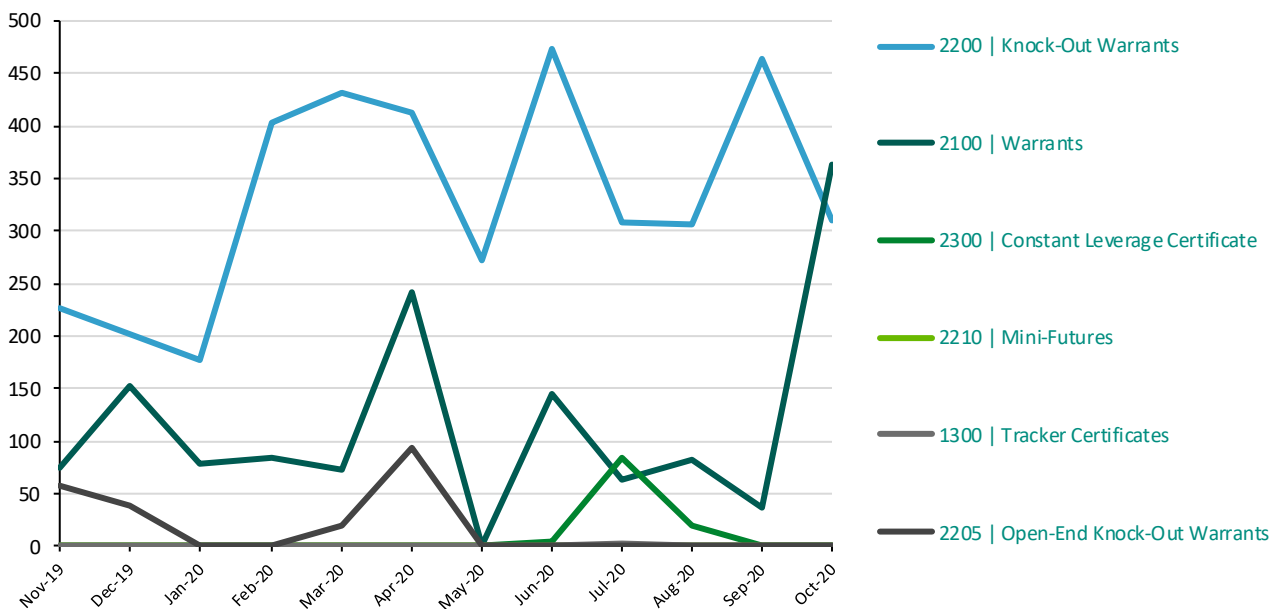
## Product Trend: Number of Live Products

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

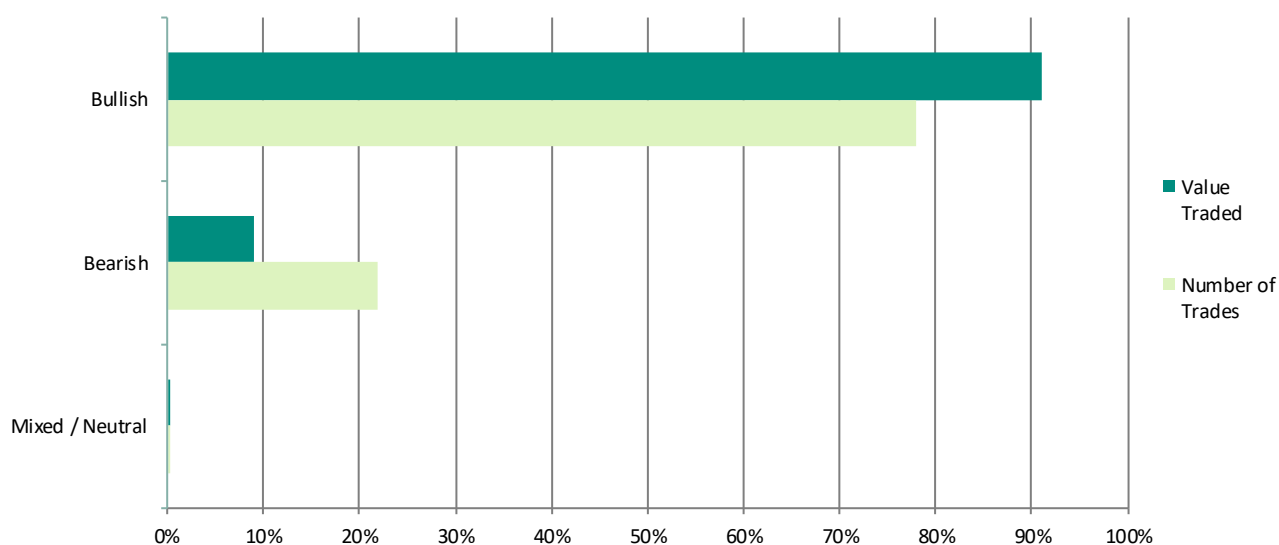
## Market Overview

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	1,686	19.8%	-47%	91.0%	167	7.3%	-39.2%	78.1%
Bearish	165	22%	-27%	8.9%	47	-10.9%	-33%	21.8%
Mixed / Neutral	1	NA	-90%	0.1%	0.2	400%	-89%	0.1%
Total	1,852	20.1%	-45.6%	100%	213	2.8%	-38.3%	100%

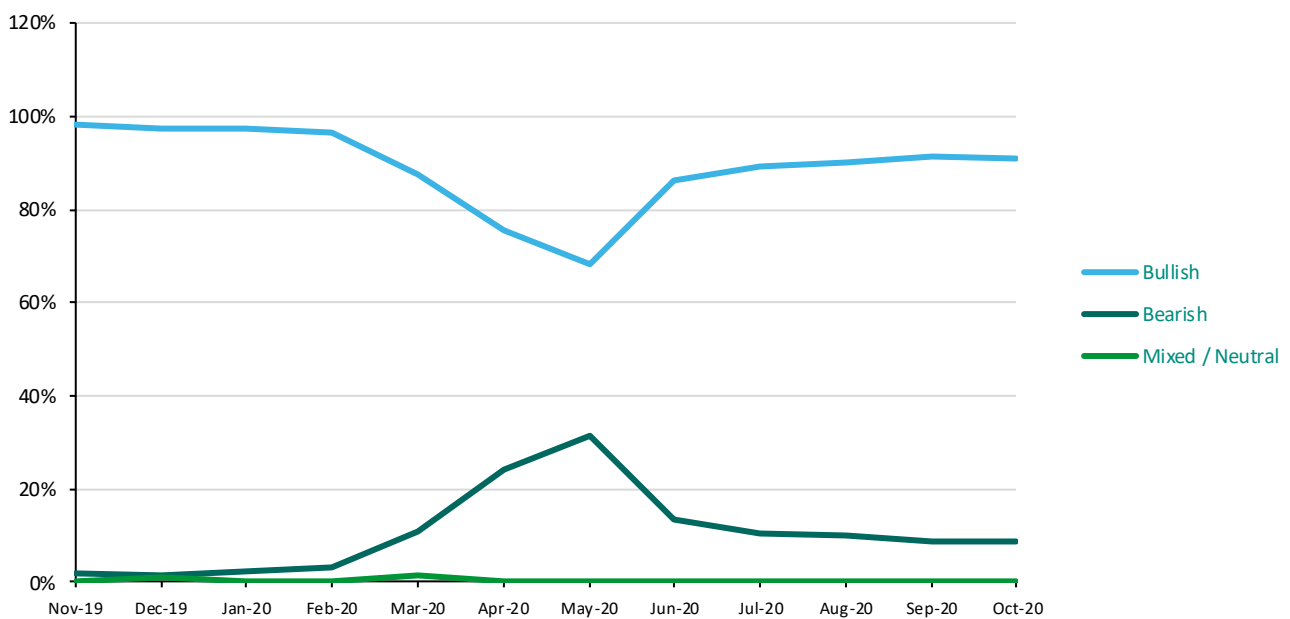
(Source Euronext)



# PRODUCT STRATEGIES

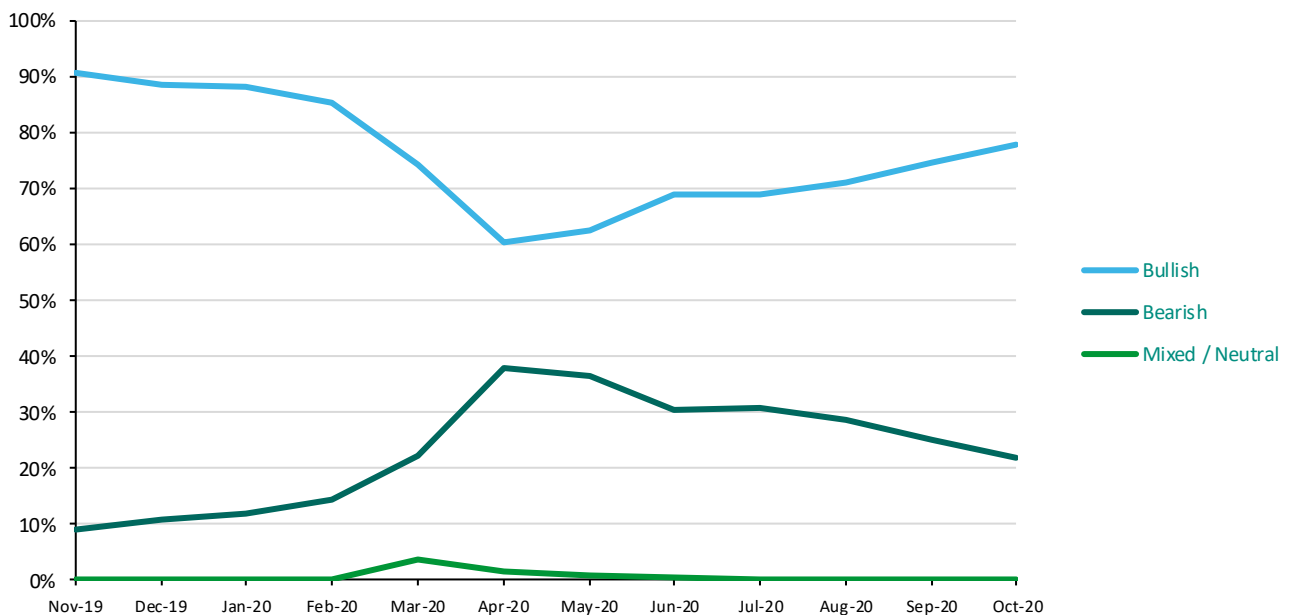
## Market Trend: Value traded

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

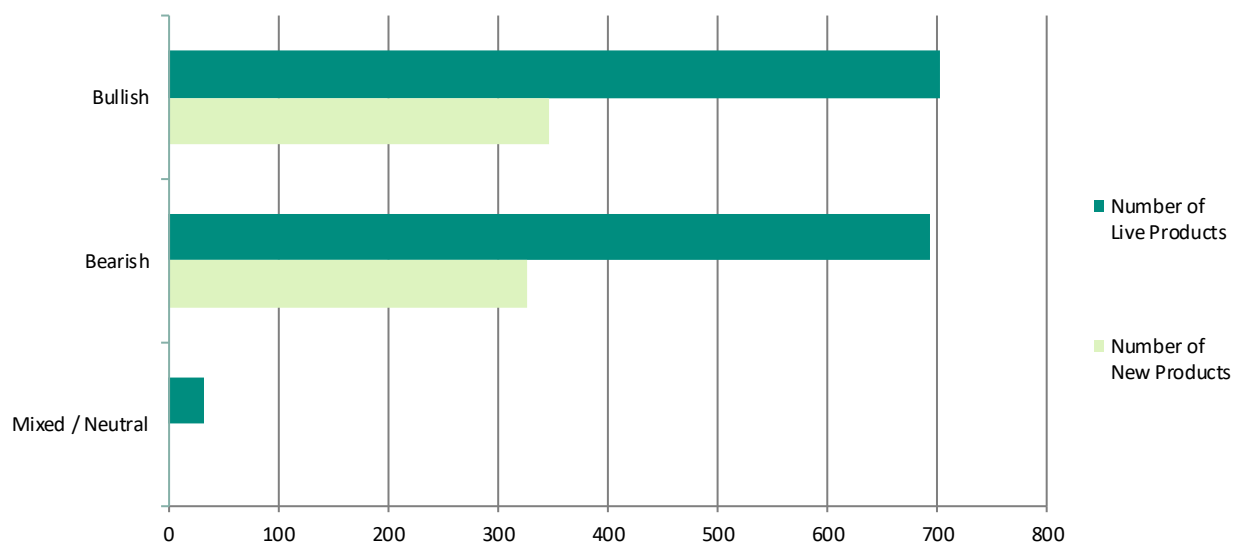
## Product Overview

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	703	2.3%	-0.9%	49.2%	347	37%	41%	51.6%
Bearish	694	12.1%	7.3%	48.6%	326	33%	42%	48.4%
Mixed / Neutral	33	-8.0%	-53%	2.3%	0			0.0%
<b>Total</b>	<b>1,429</b>	<b>6.6%</b>	<b>0.3%</b>	<b>100%</b>	<b>673</b>	<b>34.6%</b>	<b>41.6%</b>	<b>100%</b>

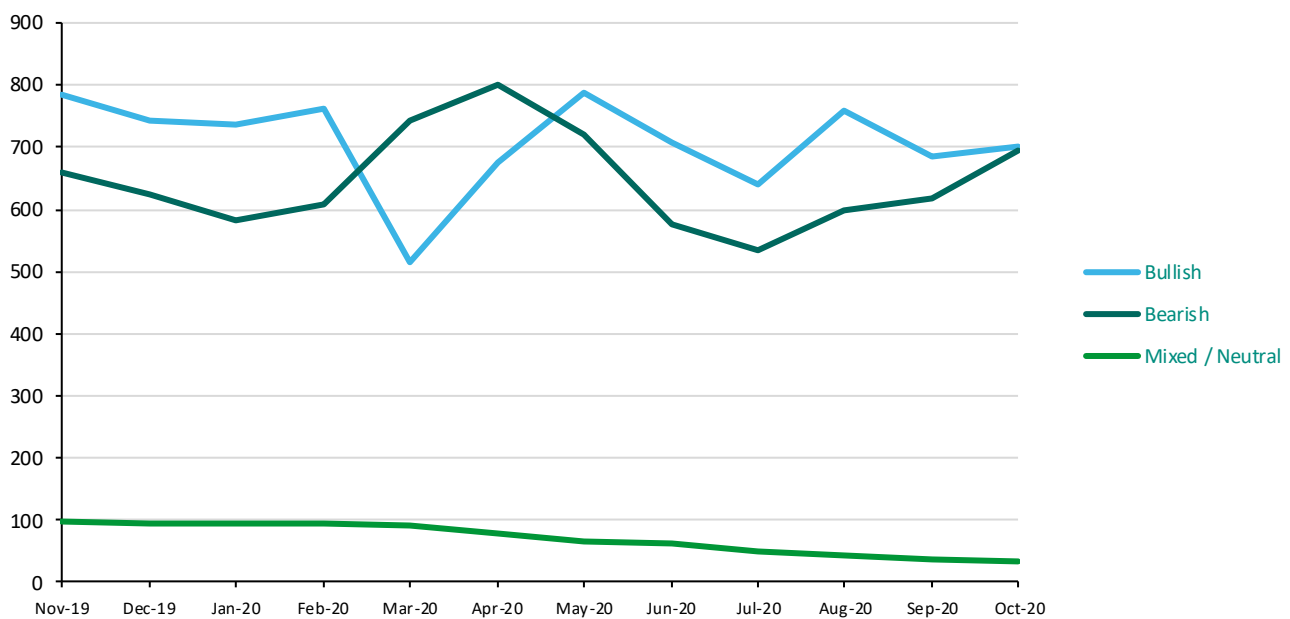
(Source Euronext)



# PRODUCT STRATEGIES

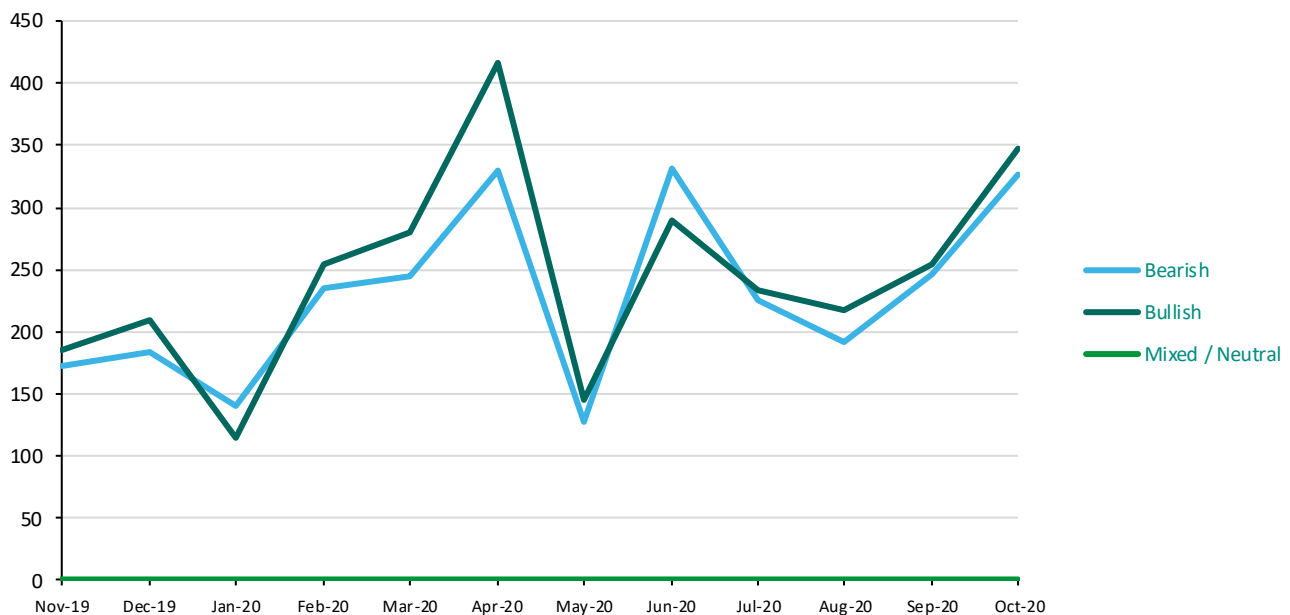
## Product Trend: Number of Live Products

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

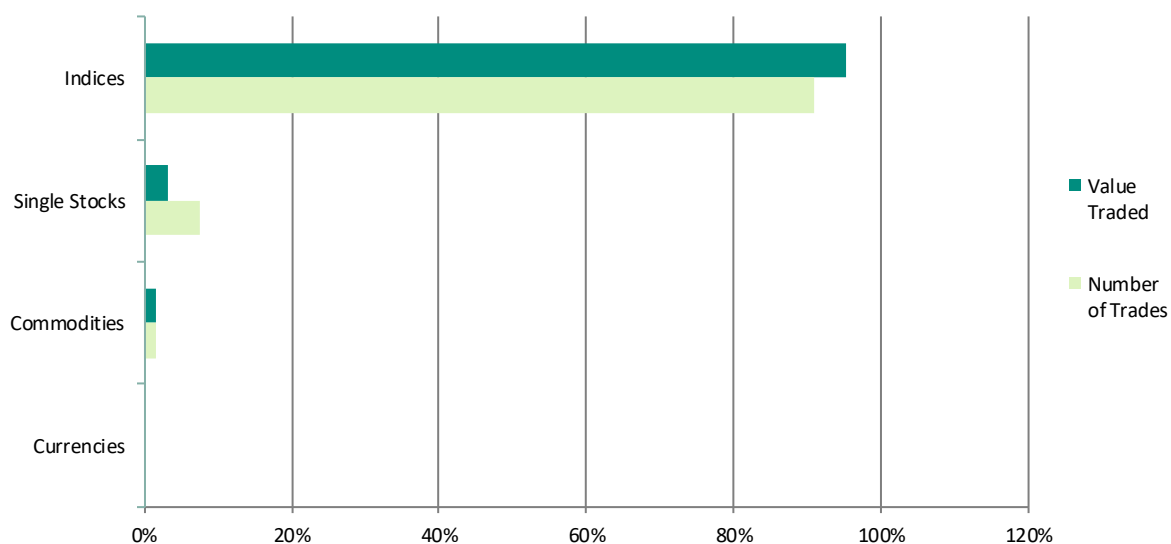
## Market Overview

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	1,766	24%	-46%	95.3%	194	7.4%	-38.0%	91.1%
Single Stocks	57	-34%	-35%	3.1%	16	-34.9%	-43.9%	7.4%
Commodities	30	0.7%	-25%	1.6%	3.1	40.8%	-21.0%	1.5%
Currencies	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>1,852</b>	<b>20.1%</b>	<b>-45.6%</b>	<b>100%</b>	<b>213</b>	<b>2.8%</b>	<b>-38.3%</b>	<b>100%</b>

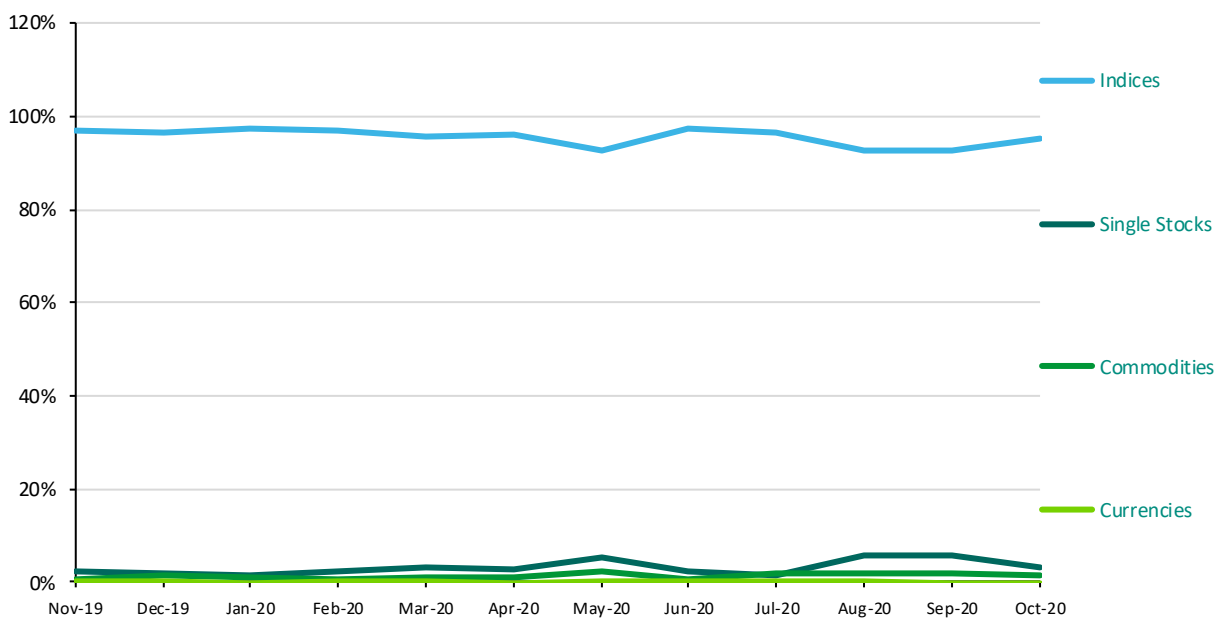
(Source Euronext)



# UNDERLYING TYPES

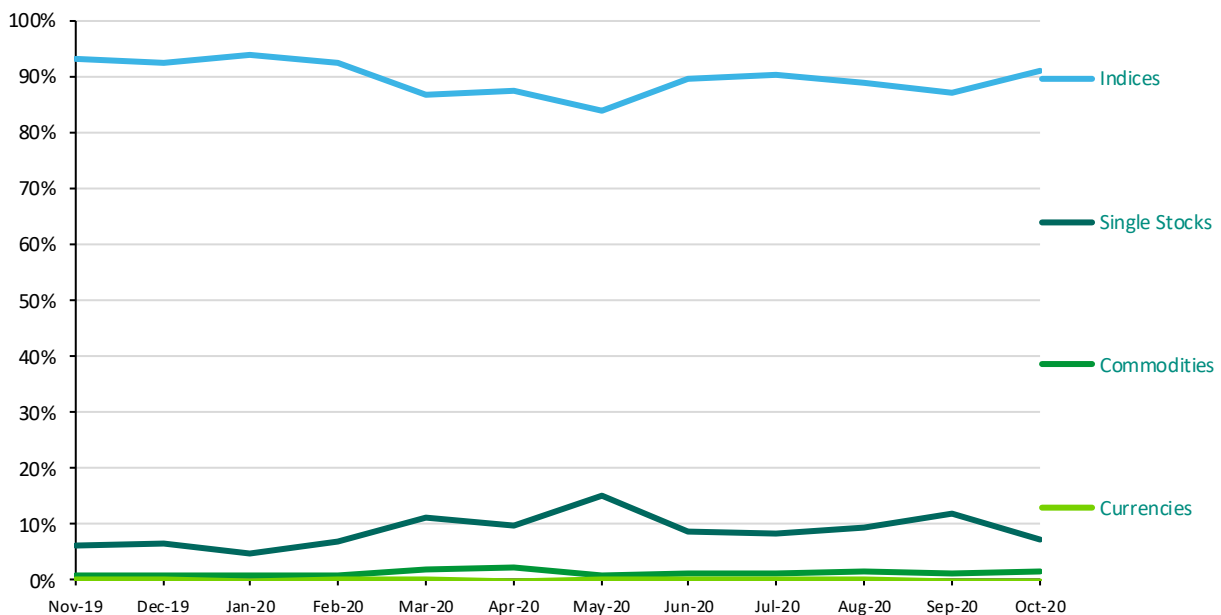
## Market Trend: Value traded

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

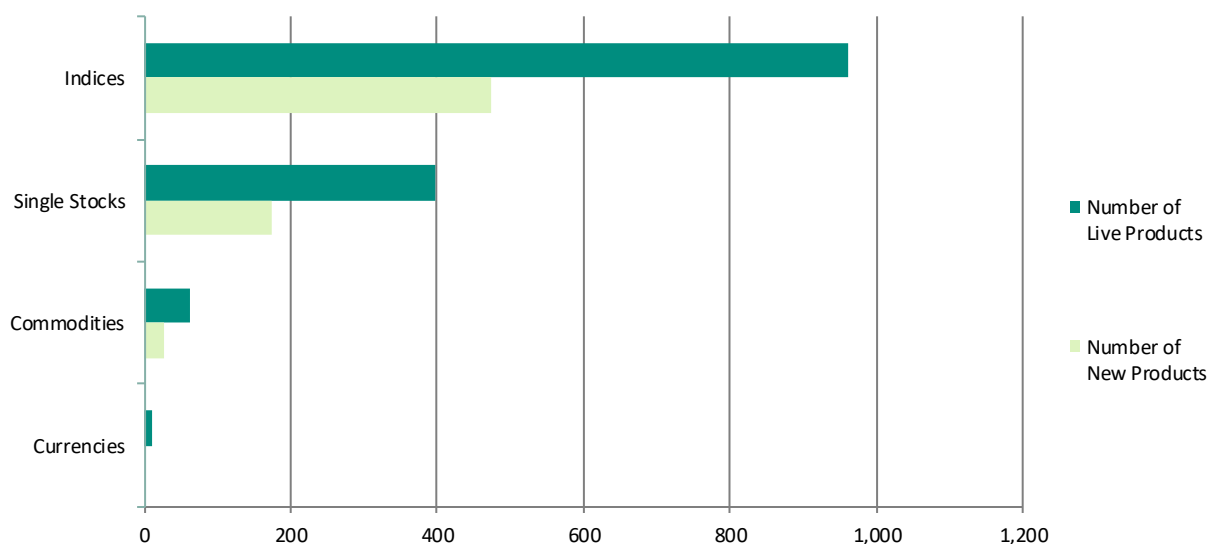
### Product Overview

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	961	0.2%	-3.7%	67.2%	473	7.0%	23%	70.3%
Single Stocks	397	24%	10.4%	27.8%	174	314%	143%	25.9%
Commodities	62	18.2%	22%	4.3%	26	225%	72%	3.9%
Currencies	10	-1.8%	-43%	0.7%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,429</b>	<b>6.6%</b>	<b>0.3%</b>	<b>100%</b>	<b>673</b>	<b>34.6%</b>	<b>41.6%</b>	<b>100%</b>

(Source Euronext)

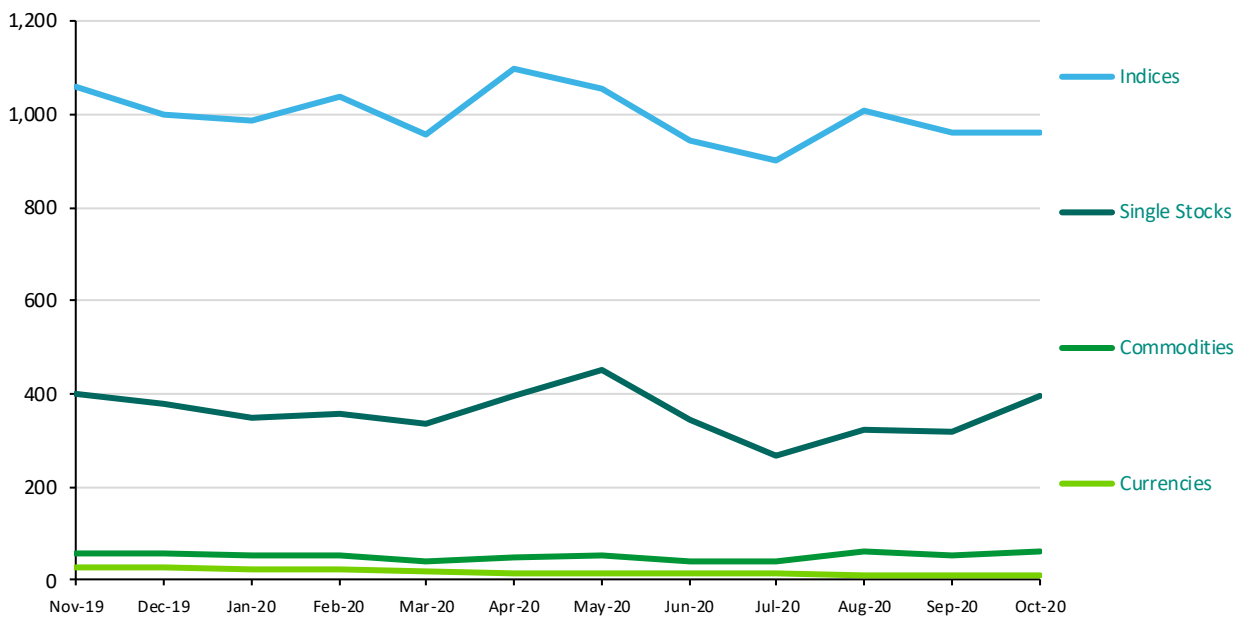




# UNDERLYING TYPES

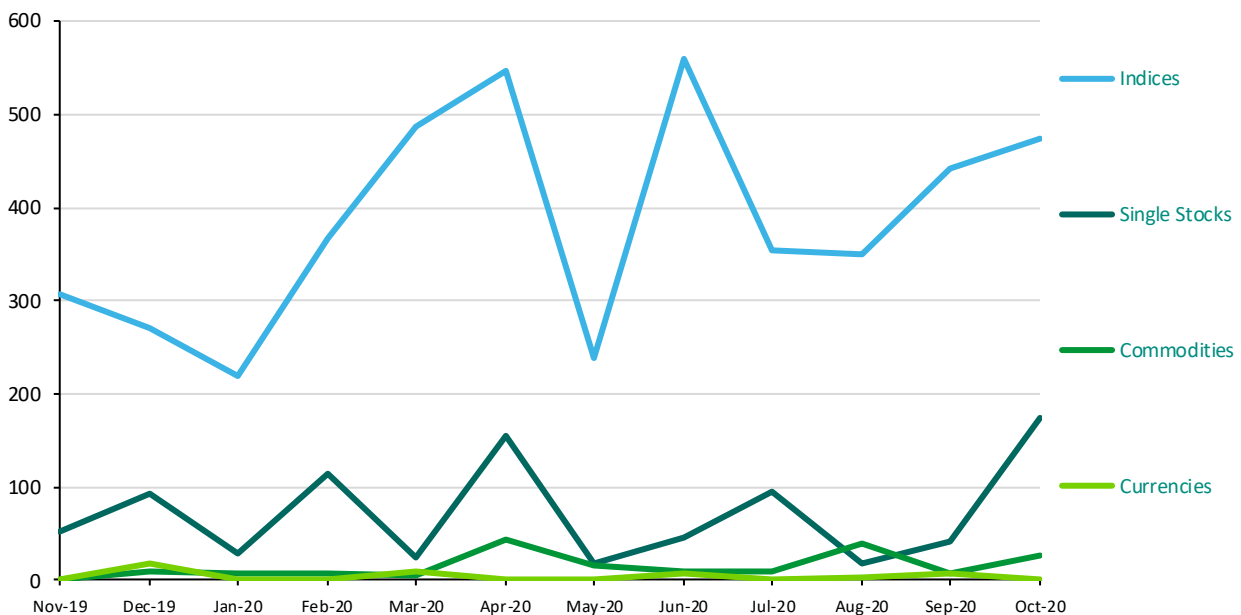
## Product Trend: Number of Live Products

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

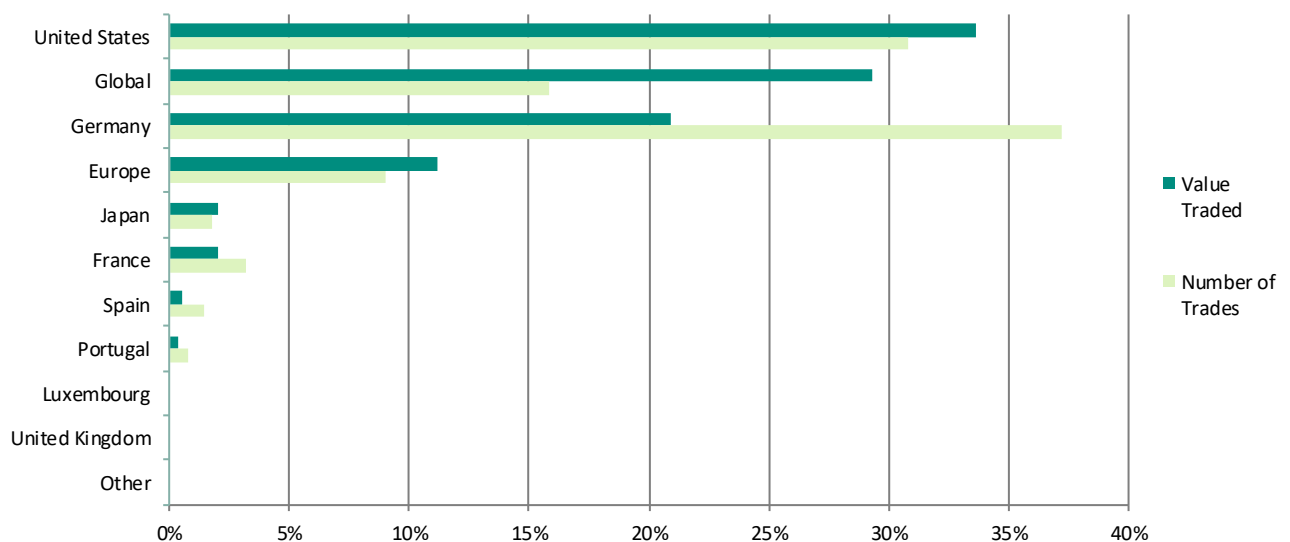
## Market Overview

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	624	14.7%	-49%	33.7%	66	-4.4%	-43.9%	30.9%
Global	543	22%	-49%	29.3%	34	10.4%	-49%	15.8%
Germany	388	61%	-6.6%	20.9%	79	2.6%	-15.6%	37.3%
Europe	207	-10.0%	-58%	11.2%	19	5.0%	-52%	9.0%
Japan	37	164%	-8.2%	2.0%	3.7	86%	-22%	1.7%
France	37	-26%	-35%	2.0%	6.7	8.9%	-8.9%	3.1%
Spain	9	84%	-78%	0.5%	3.0	94%	-60%	1.4%
Portugal	7	-28%	-81%	0.4%	1.7	-11.9%	-75%	0.8%
Luxembourg	0		-100%	0.0%	0.0		-100%	0.0%
United Kingdom	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>1,852</b>	<b>20.1%</b>	<b>-45.6%</b>	<b>100%</b>	<b>213</b>	<b>2.8%</b>	<b>-38.3%</b>	<b>100%</b>

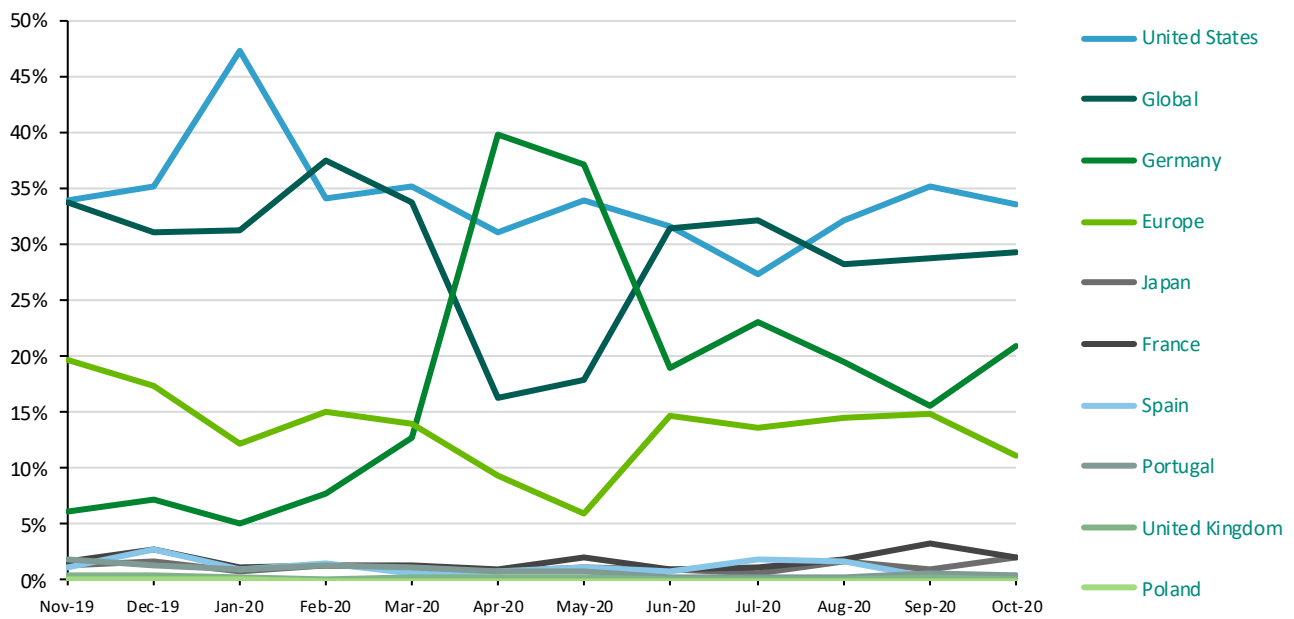
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

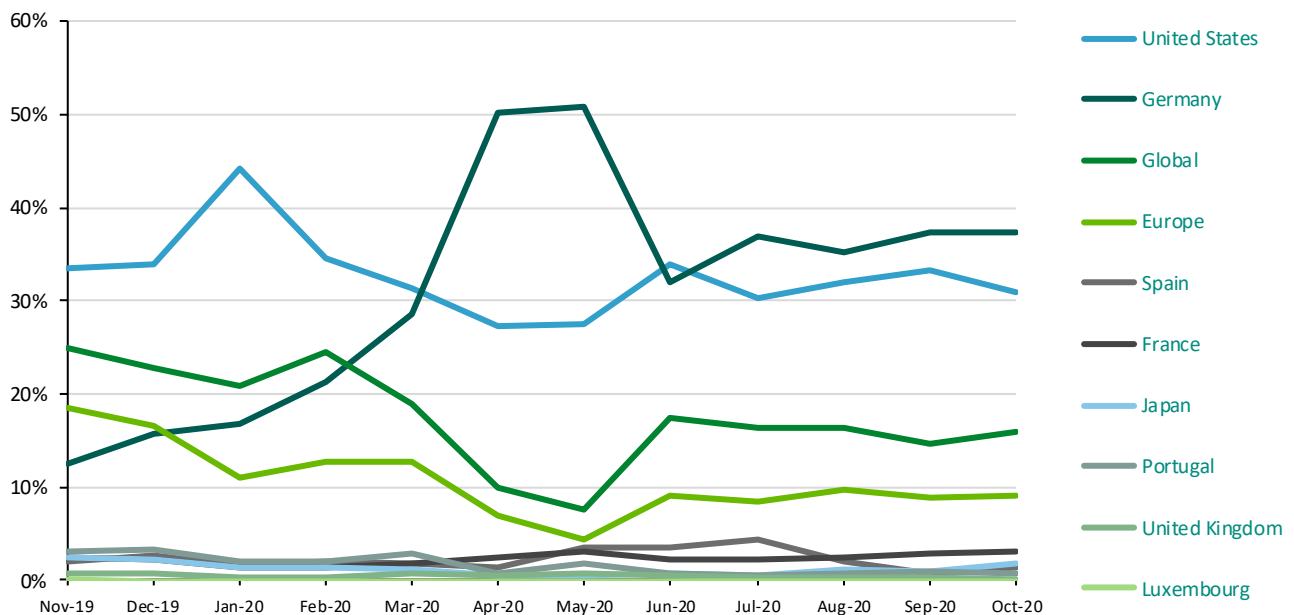
## Market Trend: Value traded

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

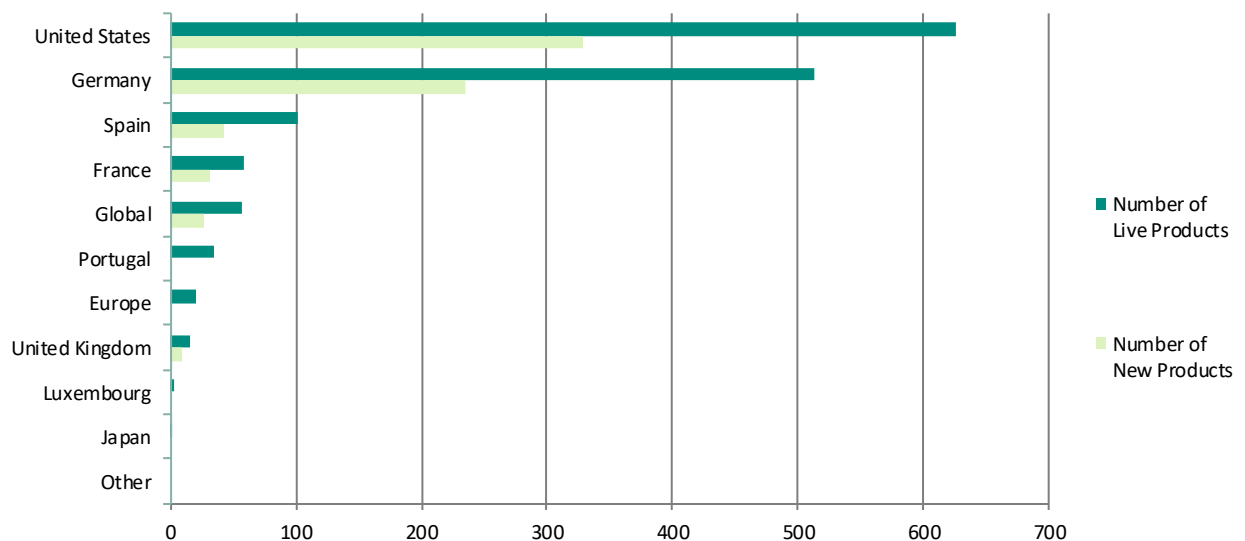
### Product Overview

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
United States	626	20%	25%	43.8%	329	15.0%	49%	48.9%
Germany	513	-7.5%	-14.5%	35.9%	235	33%	25%	34.9%
Spain	101	9.7%	-6.9%	7.1%	43	258%	69%	6.4%
France	59	24%	40%	4.1%	31	158%	97%	4.6%
Global	57	20.0%	14.8%	4.0%	26	225%	79%	3.9%
Portugal	34	-16.0%	-55%	2.4%	0		-100%	0.0%
Europe	20	-0.9%	-32%	1.4%	0		-100%	0.0%
United Kingdom	16	14.0%	21%	1.1%	9	80%	116%	1.3%
Luxembourg	2	0.0%	-28%	0.1%	0			0.0%
Japan	1	-4.5%	-4.2%	0.1%	0			0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
<b>Total</b>	<b>1,429</b>	<b>6.6%</b>	<b>0.3%</b>	<b>100%</b>	<b>673</b>	<b>34.6%</b>	<b>41.6%</b>	<b>100%</b>

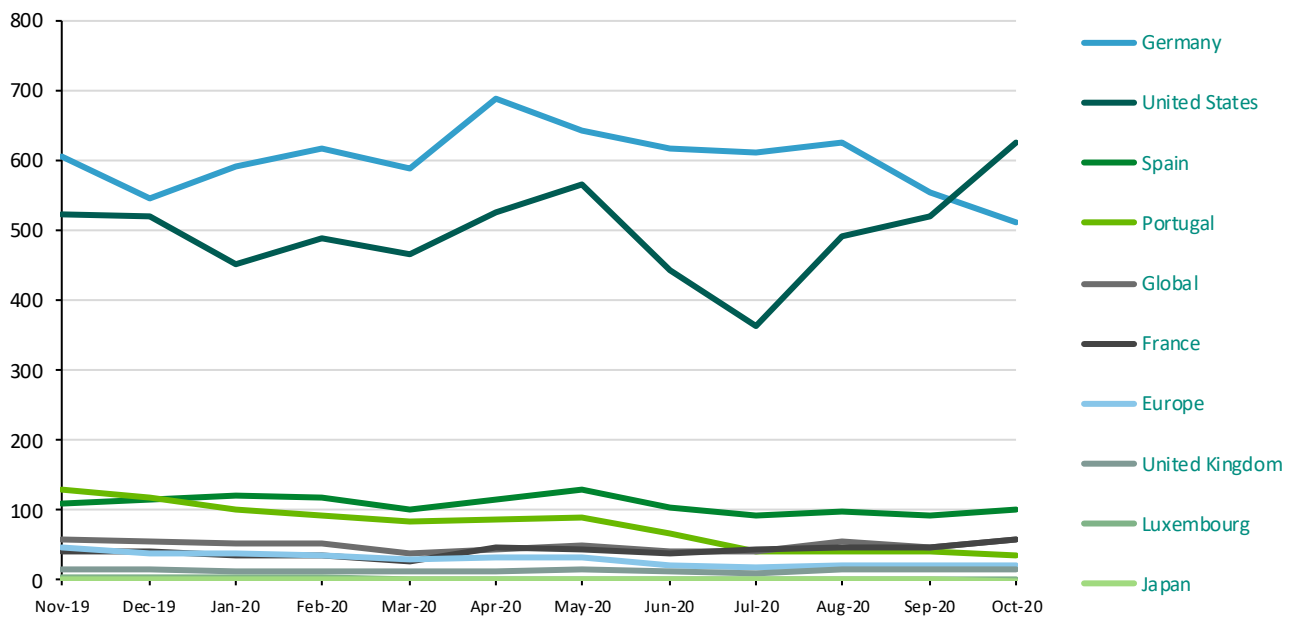
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

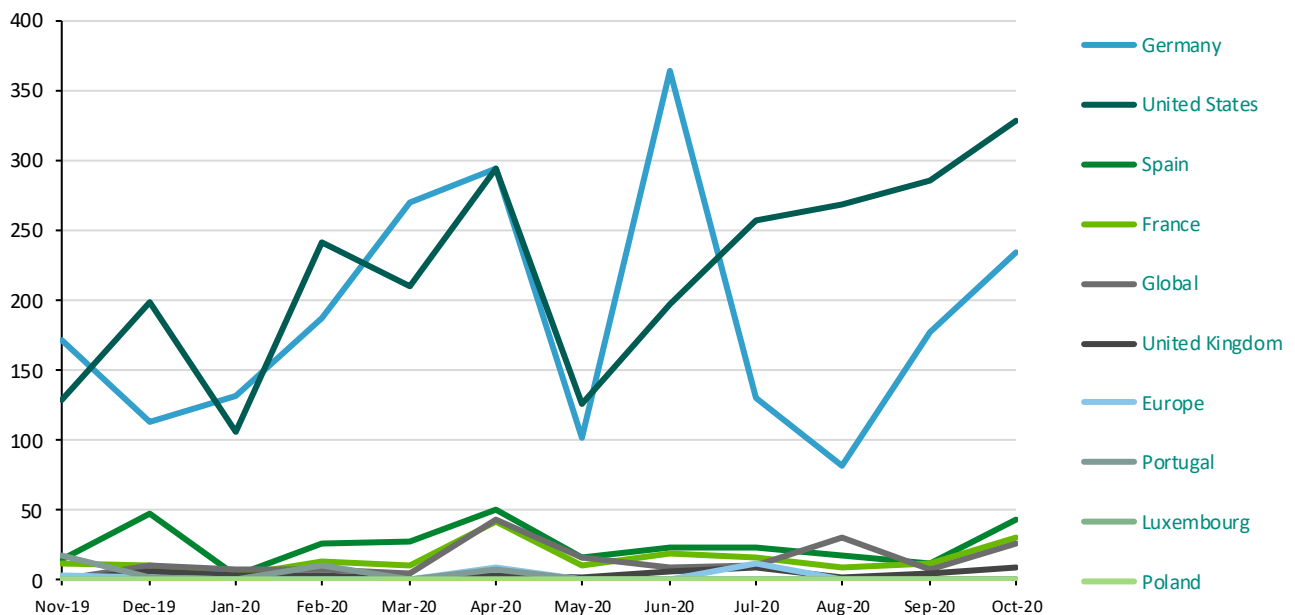
## Product Trend: Number of Live Products

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

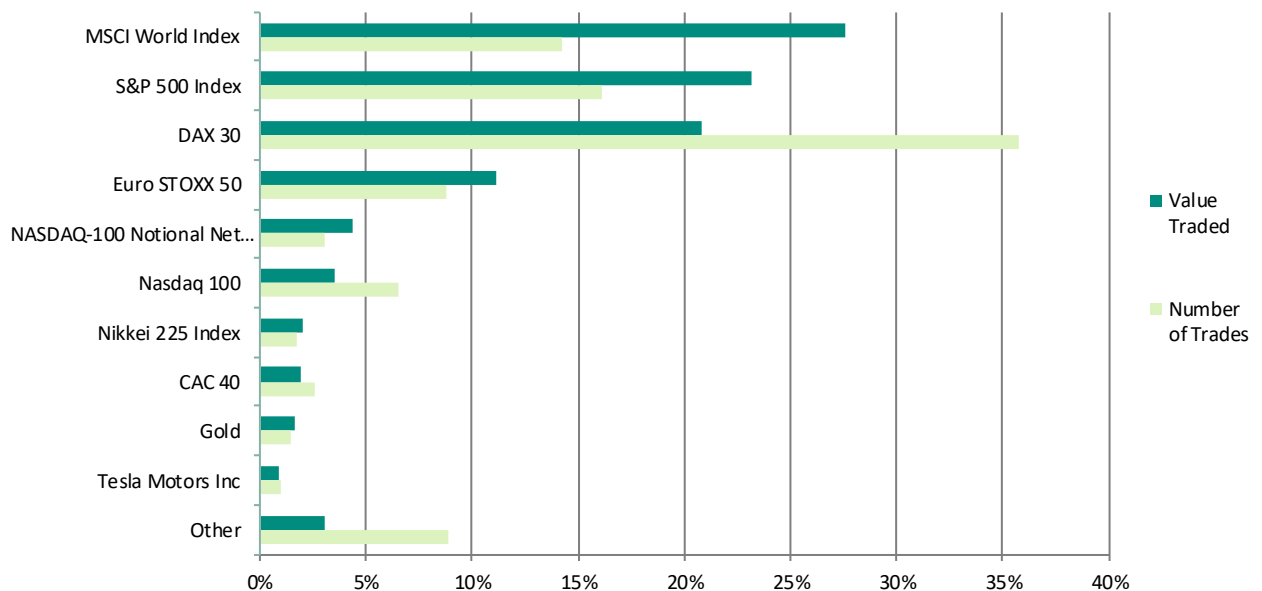
## Market Overview

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	511	24%	-50%	27.6%	30	8.1%	-49.7%	14.2%
S&P 500 Index	428	31%	-55%	23.1%	34	16.1%	-54%	16.1%
DAX 30	385	61%	-6.1%	20.8%	76	2.5%	-14.7%	35.7%
Euro STOXX 50	205	-8.4%	-58%	11.1%	19	6.5%	-52%	8.8%
NASDAQ-100 Notional Net Total Return	81	-25%	199%	4.4%	6.5	-23%	203%	3.1%
Nasdaq 100	65	89%	-56%	3.5%	14	10.8%	-32%	6.5%
Nikkei 225 Index	37	164%	-8.2%	2.0%	3.7	86%	-22%	1.7%
CAC 40	36	-27%	-36%	1.9%	5.5	18.8%	-9.9%	2.6%
Gold	30	0.5%	11.2%	1.6%	3.0	37%	17.5%	1.4%
Tesla Motors Inc	16	-13.3%	110%	0.9%	2.0	-43%	-13.1%	1.0%
Other	57	-34%	-74%	3.1%	19	-23%	-57%	8.8%
<b>Total</b>	<b>1,852</b>	<b>20.1%</b>	<b>-45.6%</b>	<b>100%</b>	<b>213</b>	<b>2.8%</b>	<b>-38.3%</b>	<b>100%</b>

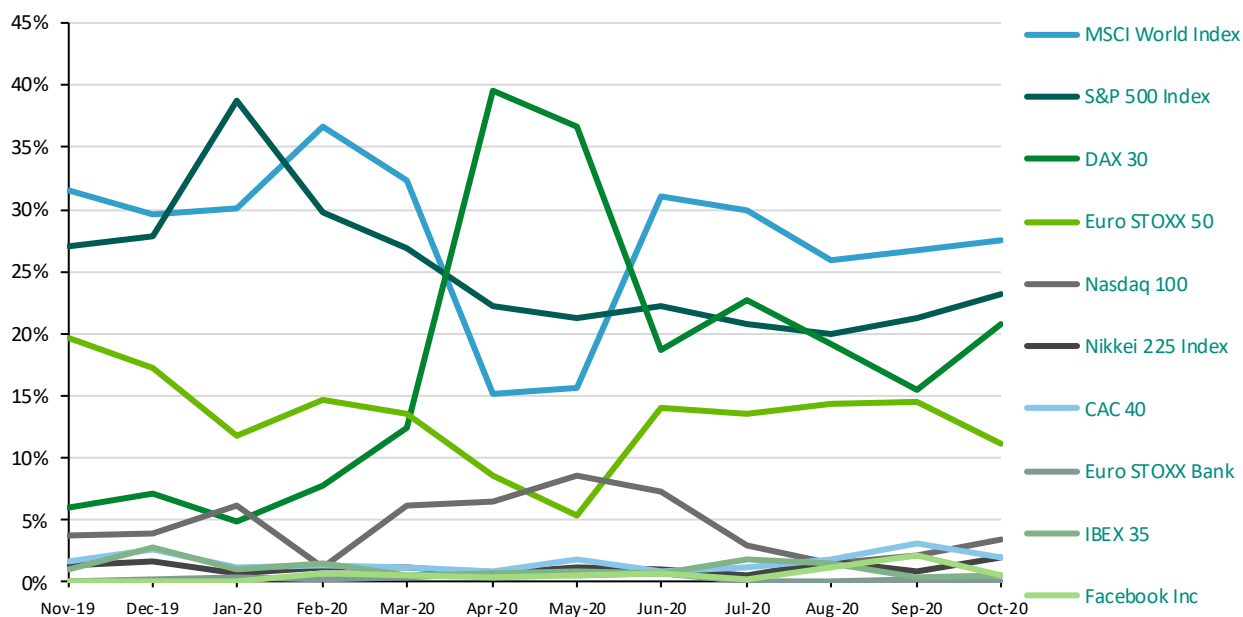
(Source Euronext)



# TOP 10 UNDERLYINGS

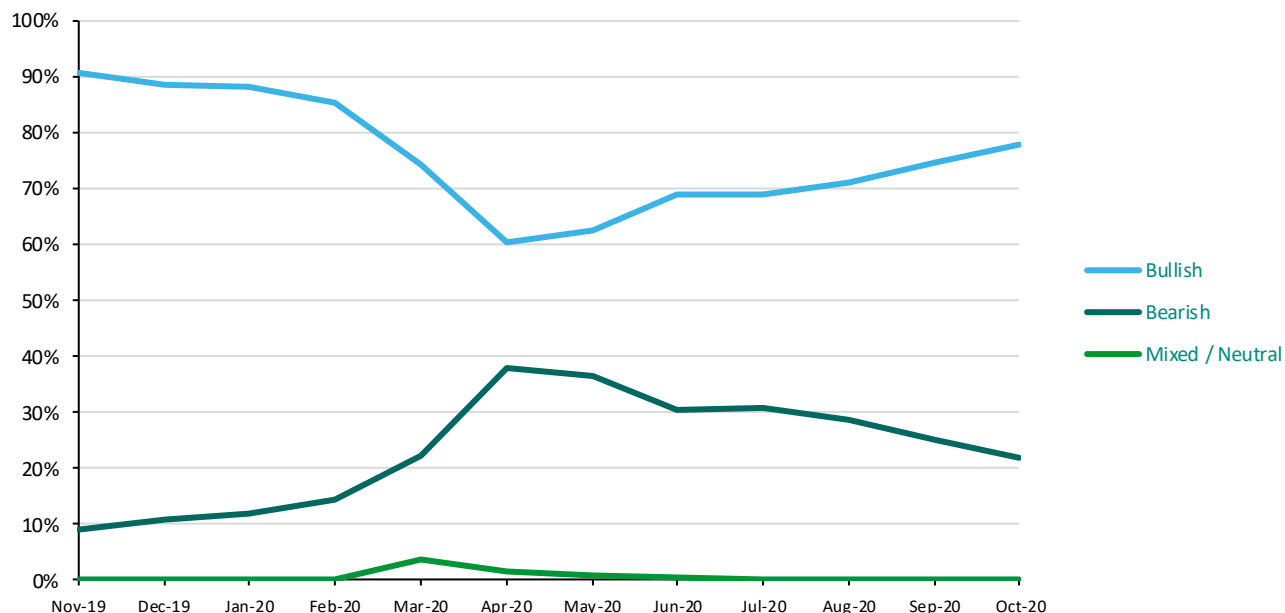
## Market Trend: Value traded

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

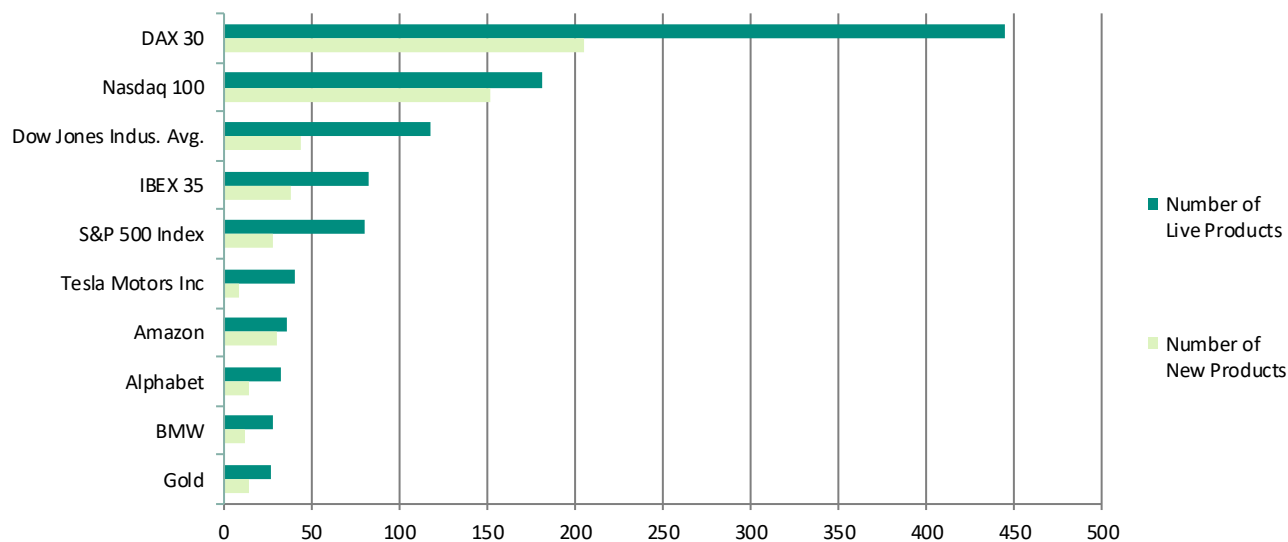
## Product Overview

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	445	-11.3%	-17.0%	31.1%	205	15.8%	12.9%	30.5%
Nasdaq 100	181	31%	25%	12.7%	152	-17.8%	44%	22.6%
Dow Jones Indus. Avg.	118	6.9%	25%	8.2%	44	15.8%	17.3%	6.5%
IBEX 35	82	9.5%	-2.7%	5.7%	38	217%	58%	5.6%
S&P 500 Index	81	5.5%	25%	5.6%	28	56%	35%	4.2%
Tesla Motors Inc	41	14.4%	40%	2.9%	9	-18.2%	-13.6%	1.3%
Amazon	36	58%	11.0%	2.5%	30	150%	150%	4.5%
Alphabet	32	21%	22%	2.3%	14	180%	60%	2.1%
BMW	28	26%	10.0%	1.9%	12		289%	1.8%
Gold	27	25%	15.4%	1.9%	15	650%	195%	2.2%
Other	358	15.4%	-1.4%	25.1%	126		90%	18.7%
<b>Total</b>	<b>1,429</b>	<b>6.6%</b>	<b>0.3%</b>	<b>100%</b>	<b>673</b>	<b>34.6%</b>	<b>41.6%</b>	<b>100%</b>

(Source Euronext)

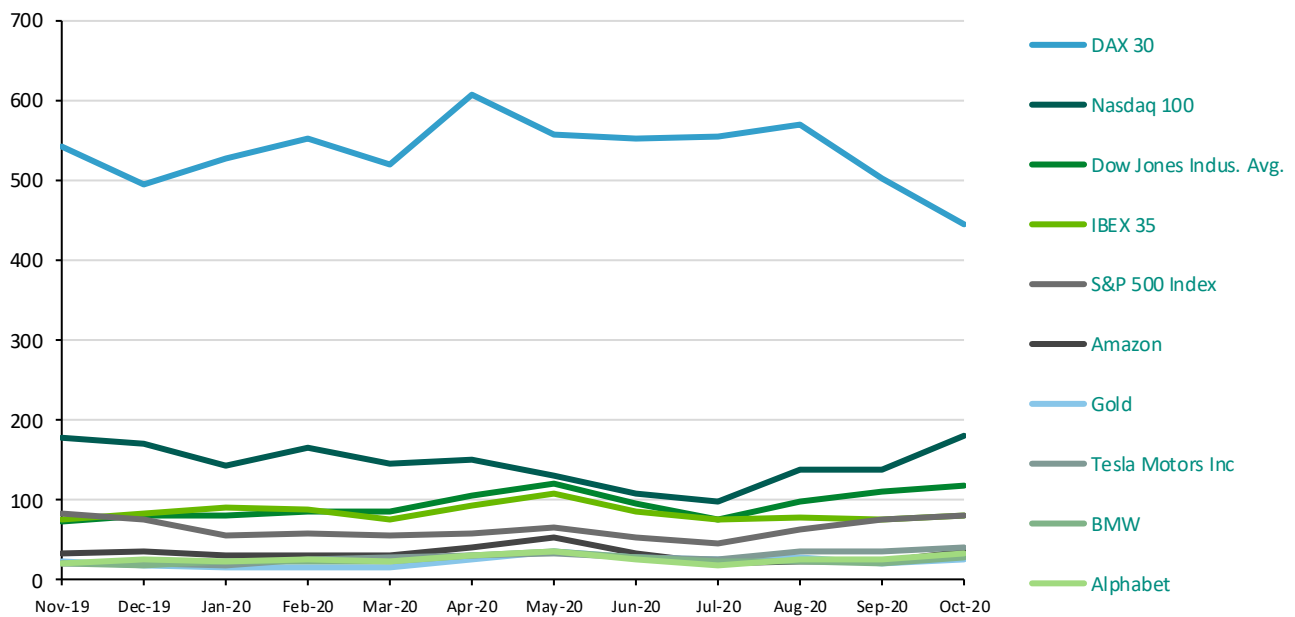




# TOP 10 UNDERLYINGS

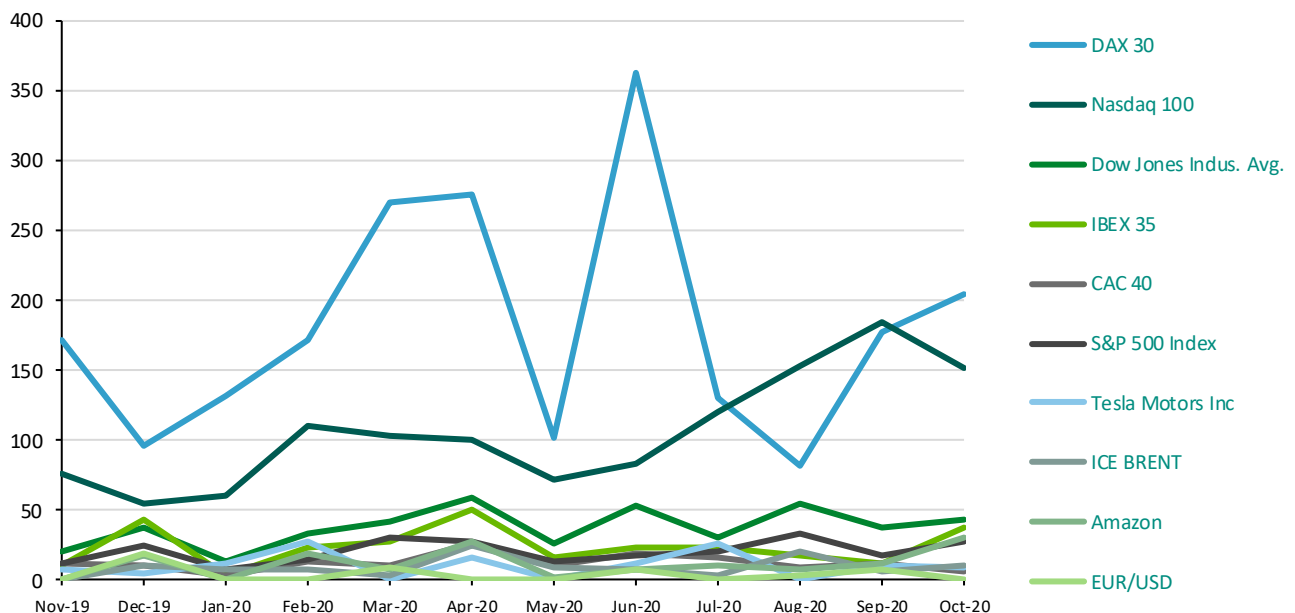
## Product Trend: Number of Live Products

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	11,247	667
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	8,853	545
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	4,518	412
PTBITYE0034	BCP	1300	Tracker Certificates	DAX 30	1,843	141
PTBCPZYM0047	BCP	1300	Tracker Certificates	NASDAQ-100 Notional Net Tot	1,783	144
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	824	82
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	591	73
DE000SB5GMY7	Société Générale	2100	Warrants	Nasdaq 100	502	7
DE000KB7T2X1	Citi	2200	Knock-Out Warrants	DAX 30	454	121
DE000CU1RK70	Société Générale	2100	Warrants	DAX 30	444	22
PTBCPAYM0053	BCP	1300	Tracker Certificates	Gold	432	16
DE000KB7T2N2	Citi	2200	Knock-Out Warrants	DAX 30	427	25
DE000KB7T282	Citi	2200	Knock-Out Warrants	DAX 30	375	94
DE000CU1RLB8	Société Générale	2100	Warrants	DAX 30	372	11
DE000KB7T290	Citi	2200	Knock-Out Warrants	DAX 30	345	128
DE000SB42Z65	Société Générale	2200	Knock-Out Warrants	DAX 30	324	2
DE000CL1E6S1	Société Générale	2100	Warrants	DAX 30	316	17
DE000KB7TY46	Citi	2200	Knock-Out Warrants	DAX 30	267	115
DE000KA39KD5	Citi	2100	Warrants	DAX 30	228	4
DE000SB420E0	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	225	16
DE000KB7TY20	Citi	2200	Knock-Out Warrants	DAX 30	213	10
DE000KA39KL8	Citi	2100	Warrants	DAX 30	213	4
DE000SB3R8V1	Société Générale	2100	Warrants	Tesla Motors Inc	206	10
DE000KB7T4A5	Citi	2200	Knock-Out Warrants	Nasdaq 100	202	30
DE000KB7T1X3	Citi	2200	Knock-Out Warrants	Amazon	193	9
DE000KB7TY79	Citi	2200	Knock-Out Warrants	DAX 30	184	11
DE000KB7TZH1	Citi	2200	Knock-Out Warrants	DAX 30	181	9
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	164	26
DE000CU1RK88	Société Générale	2100	Warrants	DAX 30	145	5
DE000KB7T5G9	Citi	2200	Knock-Out Warrants	DAX 30	133	8
DE000SB4JKN1	Société Générale	2200	Knock-Out Warrants	Gold	133	28
DE000SB3R8A5	Société Générale	2100	Warrants	Apple Computer Inc.	130	8
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	127	33
DE000KB7T274	Citi	2200	Knock-Out Warrants	DAX 30	125	4
DE000KA39WX8	Citi	2100	Warrants	DAX 30	123	2
DE000SD0MDC9	Société Générale	2200	Knock-Out Warrants	S&P 500 Index	114	13
DE000SB4TB72	Société Générale	2200	Knock-Out Warrants	CAC 40	111	17
DE000KB7T0Y3	Citi	2200	Knock-Out Warrants	Facebook Inc	105	43
DE000KB7T2Q5	Citi	2200	Knock-Out Warrants	DAX 30	102	2
DE000SD0FUJ2	Société Générale	2200	Knock-Out Warrants	DAX 30	102	13
DE000SB4ZYR9	Société Générale	2200	Knock-Out Warrants	DAX 30	99	63
DE000KB7T3Z4	Citi	2200	Knock-Out Warrants	S&P 500 Index	99	11
DE000SB5SFC2	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	96	18
DE000KA39H87	Citi	2100	Warrants	DAX 30	94	2
DE000SD0M0Z3	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	87	8
DE000SB4UAF5	Société Générale	2200	Knock-Out Warrants	S&P 500 Index	87	7
DE000KB7T0X5	Citi	2200	Knock-Out Warrants	Facebook Inc	86	4
DE000KB7T0B1	Citi	2200	Knock-Out Warrants	S&P 500 Index	86	6
DE000CU1RLA0	Société Générale	2100	Warrants	DAX 30	81	13
DE000SB4TDL9	Société Générale	2200	Knock-Out Warrants	S&P 500 Index	75	28

(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)

**Business Development:** +33 1 70 48 28 48

**Product Development:** +33 1 70 48 28 49

\* 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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