



Warrants & Certificates

# Activity report

Issue 108  
July 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 31/07/2020)	31,291	831	1,224	47,784	<b>81,131</b>
New Products	19,653	329	459	16,136	<b>36,577</b>
New Products YTD	128,822	3,065	3,368	158,008	<b>293,263</b>
Value Traded (in €m)	486.6	11.8	37.8	412.8	<b>949.0</b>
Value Traded YTD (in €m)	4,515.7	101.9	504.9	3,598.1	<b>8,720.5</b>
Value Traded ADV (in €m)	21.2	0.5	1.6	17.9	<b>41.3</b>
Value Traded YTD ADV (in €m)	29.5	0.7	3.3	23.5	<b>57.0</b>
Number of Trades	177,912	5,130	4,931	152,933	<b>340,906</b>
Number of Trades YTD	1,530,576	39,446	55,388	1,255,050	<b>2,880,460</b>
Number of Trades ADV	7,735	223	214	6,649	<b>14,822</b>
Number of Trades YTD ADV	10,004	258	362	8,203	<b>18,827</b>

(Source Euronext)

# PARIS REAL ESTATE FUTURES CONTRACT



## EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

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

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

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

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

### ABOUT THE INDEX

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

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

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

### Find out more

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

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

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



All Instruments

# ISSUERS

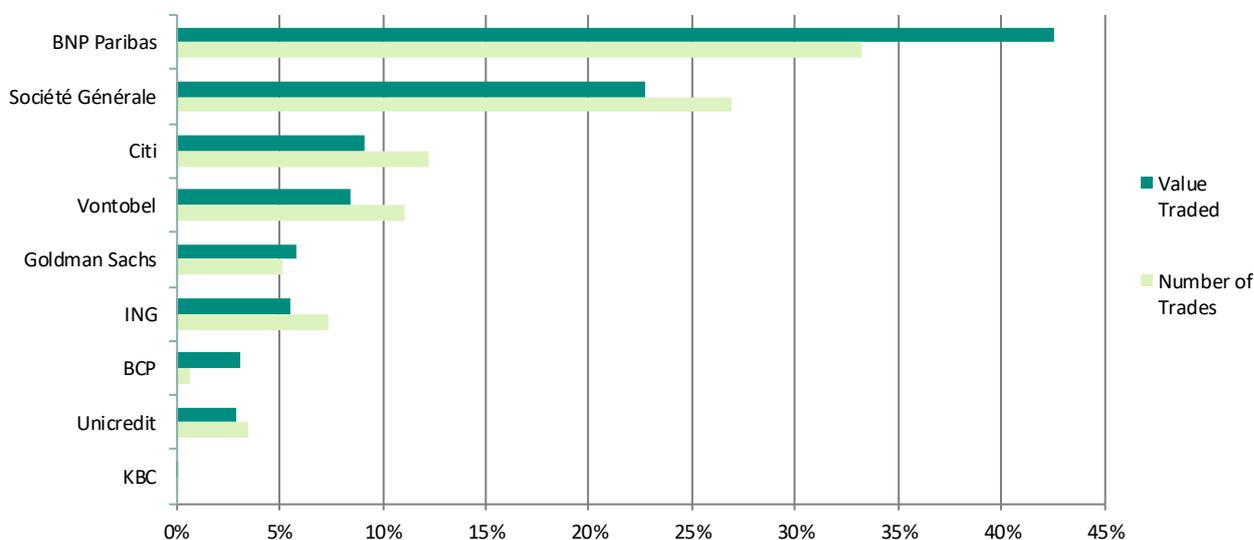
## Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	17,557	-33%	-5.6%	42.6%	4,924	-26.1%	-4.3%	33.2%
Société Générale	9,357	-26%	26%	22.7%	3,982	-15.3%	45.1%	26.9%
Citi	3,756	-18.6%	14.4%	9.1%	1,814	-16.6%	8.5%	12.2%
Vontobel	3,471	-31%	-17.1%	8.4%	1,644	5.1%	-15.7%	11.1%
Goldman Sachs	2,388	2.7%	-13.4%	5.8%	757	-0.9%	-19.6%	5.1%
ING	2,264	-34%	-40%	5.5%	1,095	-21.1%	-20.8%	7.4%
BCP	1,262	-21%	-67%	3.1%	93	-15.4%	-63.6%	0.6%
Unicredit	1,198	-7.7%	26%	2.9%	513	-8.5%	15.4%	3.5%
KBC	7	-71%	-98%	0.0%	0.0	-84.1%	-97.4%	0.0%
<b>Total</b>	<b>41,260</b>	<b>-27.8%</b>	<b>-16.6%</b>	<b>100%</b>	<b>14,822</b>	<b>-17.3%</b>	<b>-10.4%</b>	<b>100%</b>

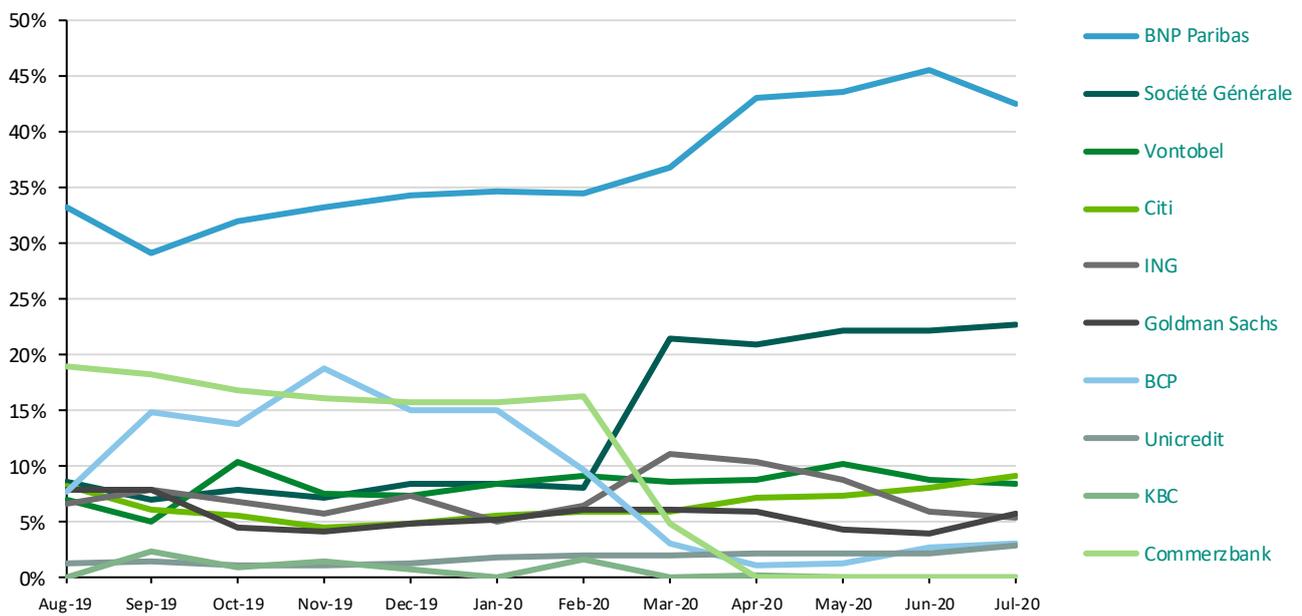
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# ISSUERS

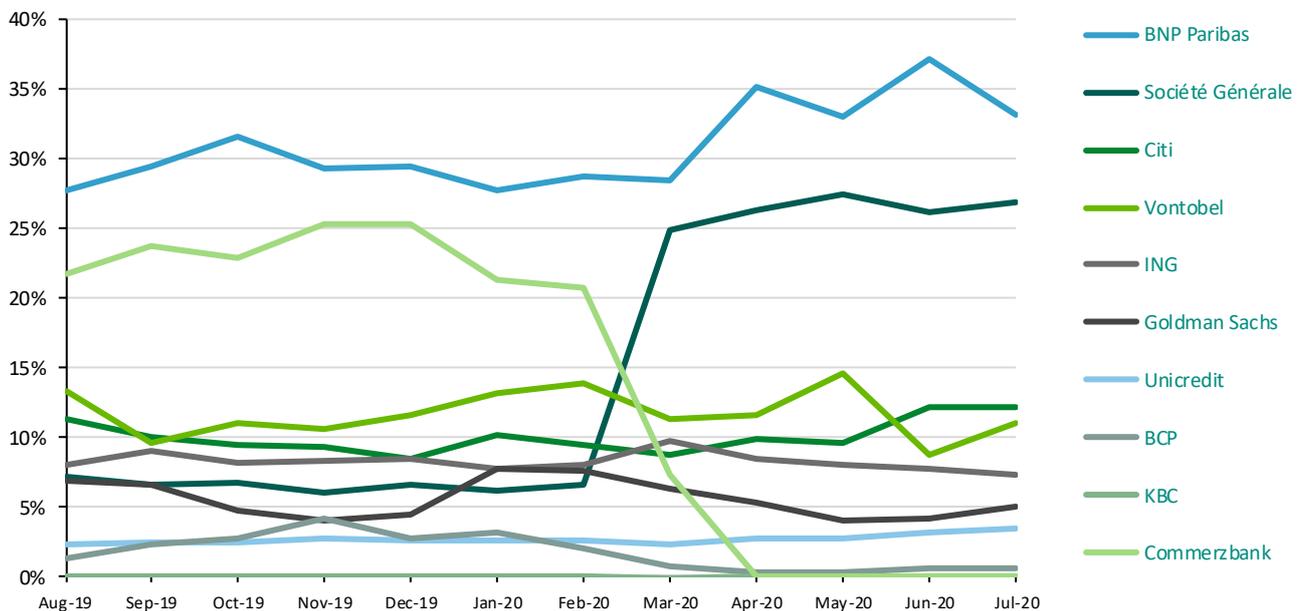
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

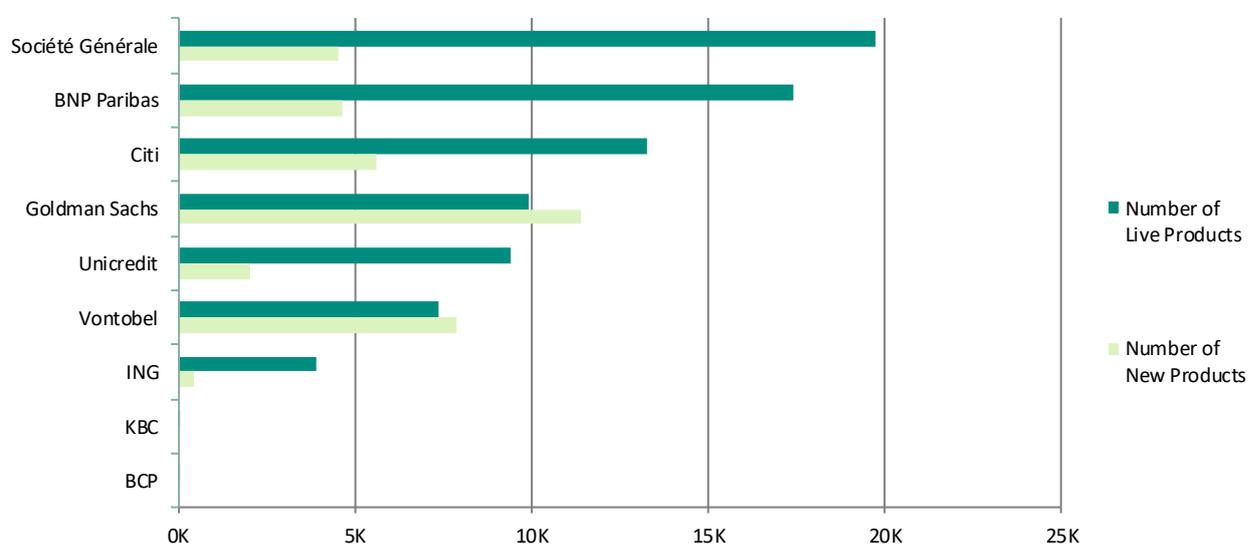
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	19,757	-5.8%	46%	24.3%	4,532	-32%	-21%	12.4%
BNP Paribas	17,423	-9.8%	8.4%	21.5%	4,644	-39%	-26%	12.7%
Citi	13,297	10.5%	6.1%	16.4%	5,633	-16.4%	12.3%	15.4%
Goldman Sachs	9,938	22%	33%	12.2%	11,393	-18.8%	107%	31.1%
Unicredit	9,427	7.0%	5.2%	11.6%	2,034	-31%	-23%	5.6%
Vontobel	7,384	12.1%	4.9%	9.1%	7,875	NA	51%	21.5%
ING	3,876	-3.0%	5.0%	4.8%	462	-56%	-45%	1.3%
KBC	22	-11.8%	-17.0%	0.0%	1	0.0%	-63%	0.0%
BCP	15	7.5%	-18.2%	0.0%	3		NA	0.0%
<b>Total</b>	<b>81,139</b>	<b>1.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>36,577</b>	<b>-6.3%</b>	<b>9.8%</b>	<b>100%</b>

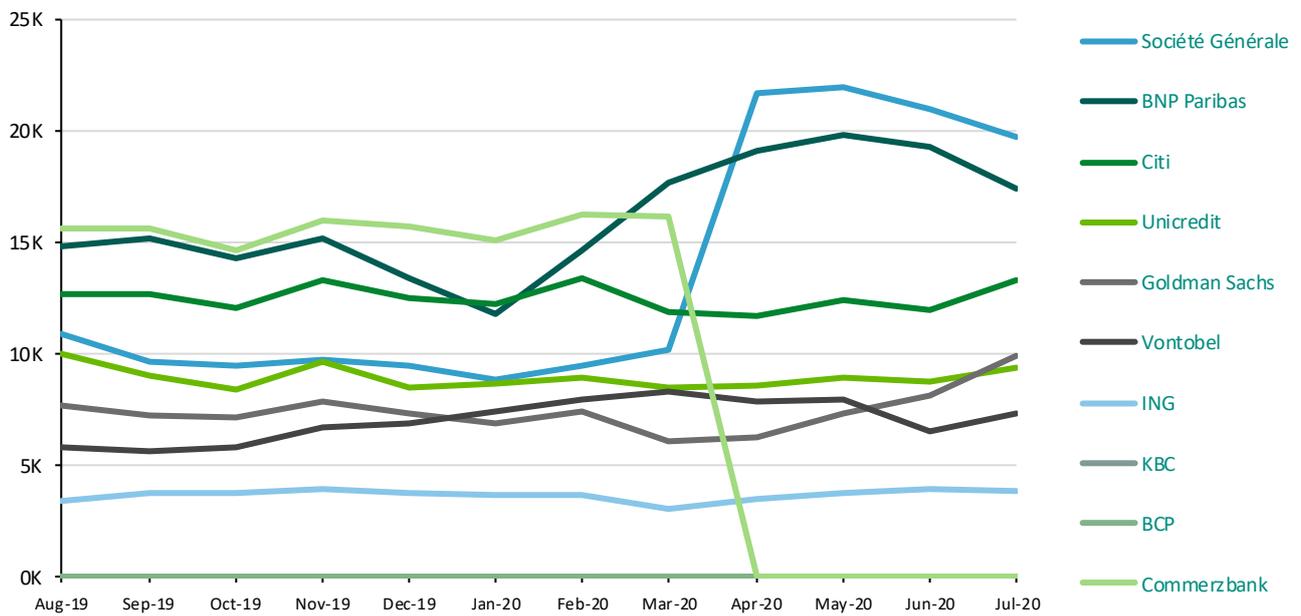
(Source Euronext)



# ISSUERS

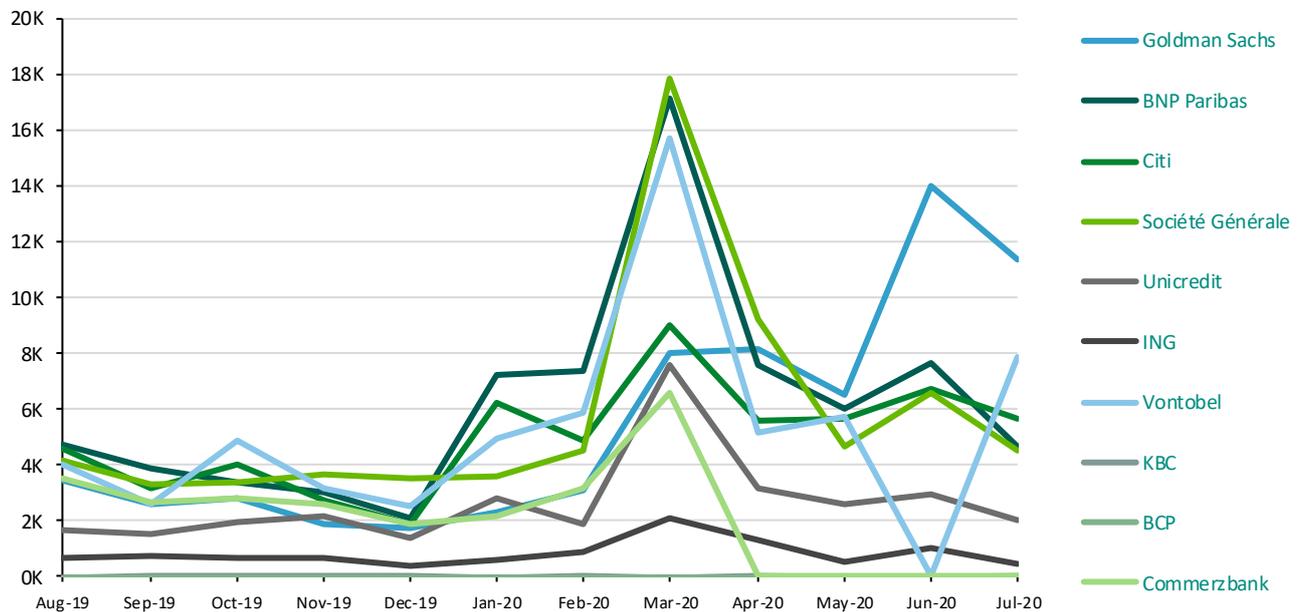
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

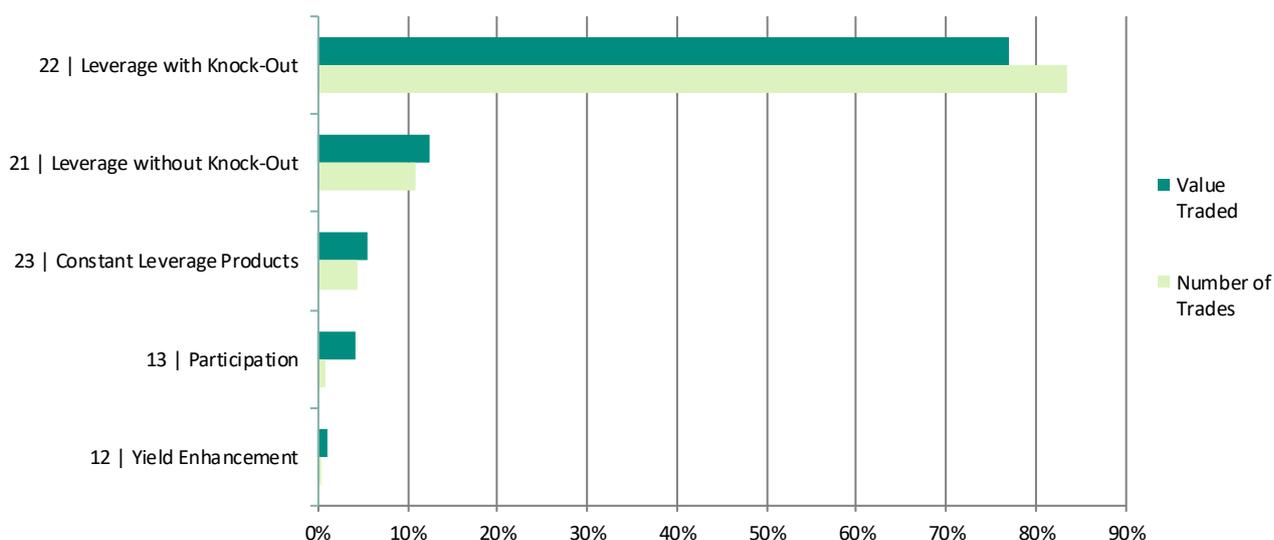
### Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	31,761	-22%	-9.5%	77.0%	12,376	-13.0%	-8.6%	83.5%
21   Leverage without Knock-Out	5,099	-49%	-21%	12.4%	1,602	-35.3%	-8.1%	10.8%
23   Constant Leverage Products	2,261	-48%	-18.0%	5.5%	654	-34.5%	-21.7%	4.4%
13   Participation	1,731	-4.4%	-60%	4.2%	121	-19.0%	-66.3%	0.8%
12   Yield Enhancement	408	-10.7%	-49%	1.0%	69	2.5%	-4.7%	0.5%
<b>Total</b>	<b>41,260</b>	<b>-27.8%</b>	<b>-16.6%</b>	<b>100%</b>	<b>14,822</b>	<b>-17.3%</b>	<b>-10.4%</b>	<b>100%</b>

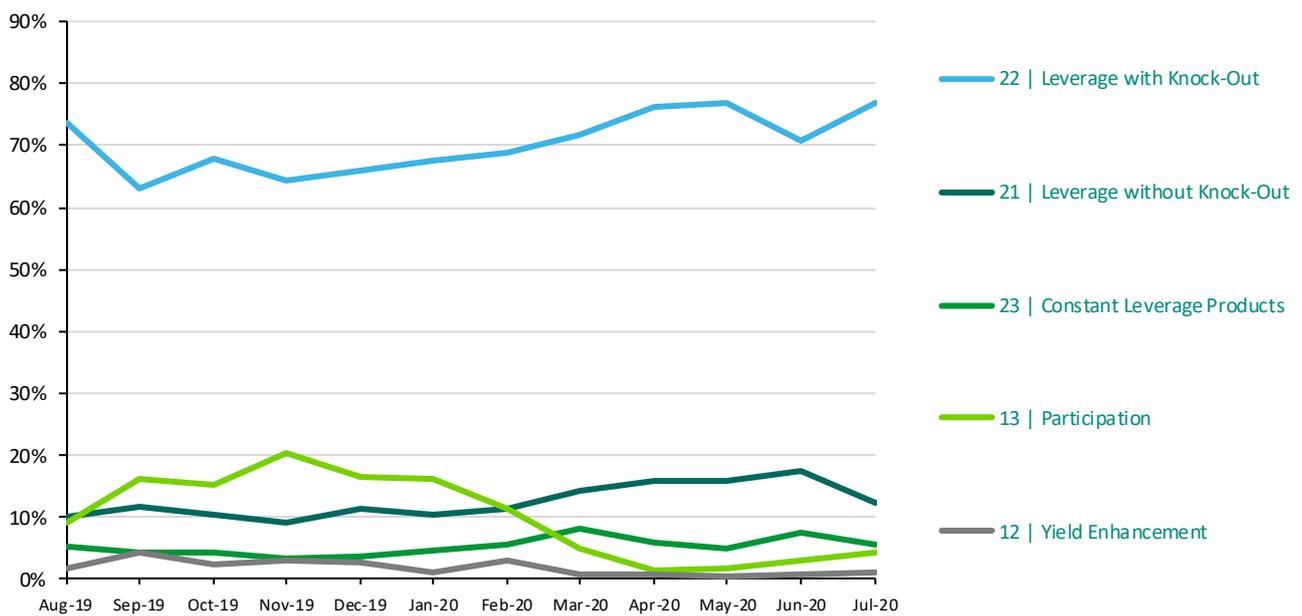
(Source Euronext)



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

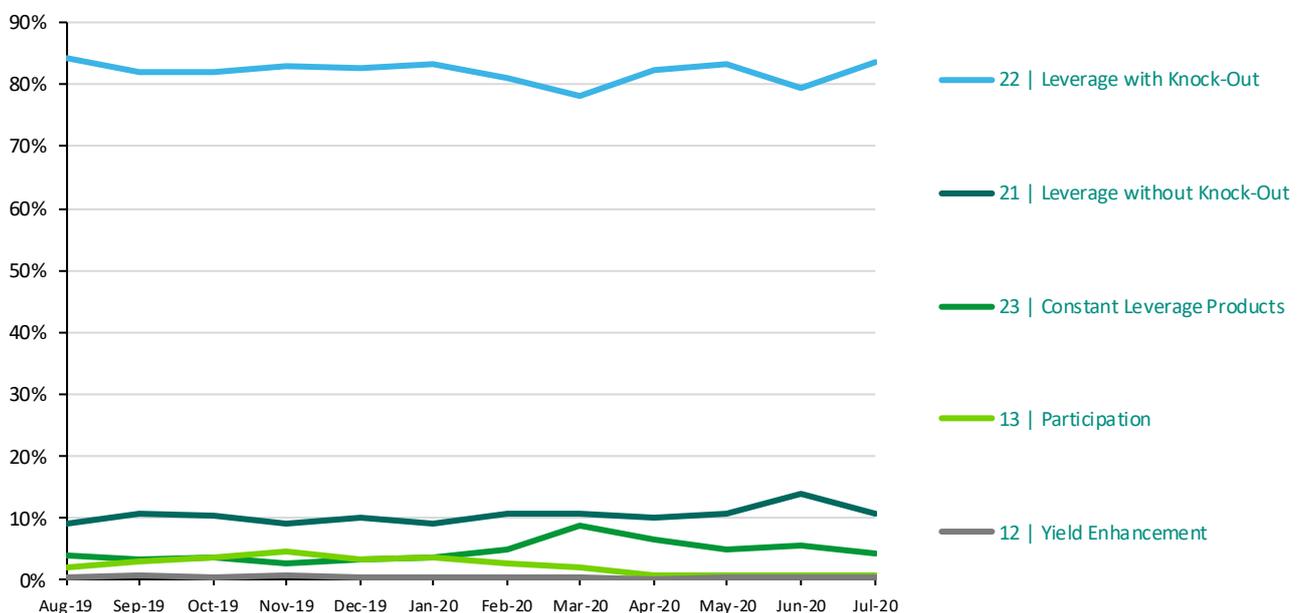
## Market Trend: Value traded

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



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

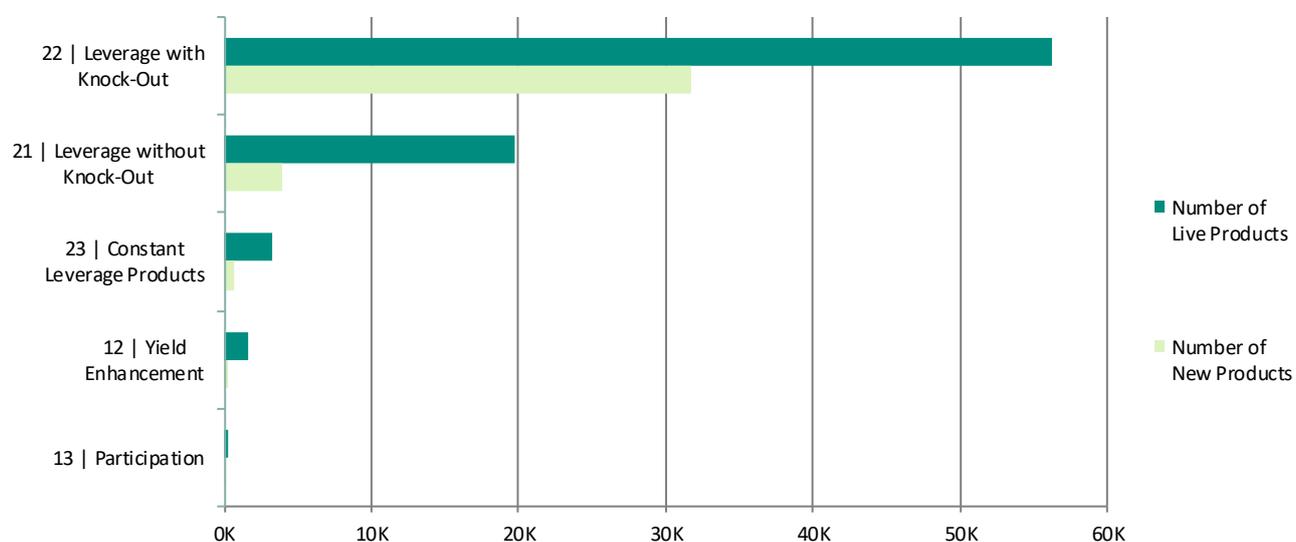
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

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	56,301	4.4%	8.4%	69.4%	31,764	-8.6%	12.1%	86.8%
21   Leverage without Knock-Out	19,677	-6.0%	-15.0%	24.3%	3,880	-2.9%	-7.2%	10.6%
23   Constant Leverage Products	3,241	5.6%	25%	4.0%	707	238%	47%	1.9%
12   Yield Enhancement	1,630	-3.9%	-12.1%	2.0%	205	206%	-30%	0.6%
13   Participation	290	2.7%	2.8%	0.4%	21	163%	-21%	0.1%
<b>Total</b>	<b>81,139</b>	<b>1.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>36,577</b>	<b>-6.3%</b>	<b>9.8%</b>	<b>100%</b>

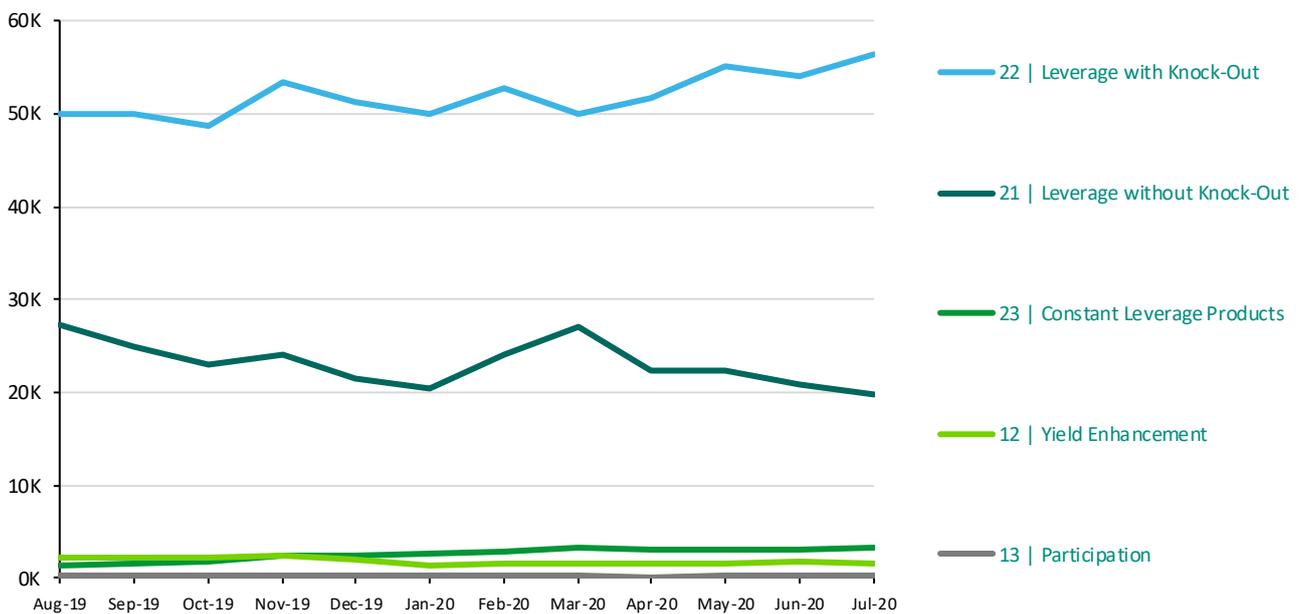
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

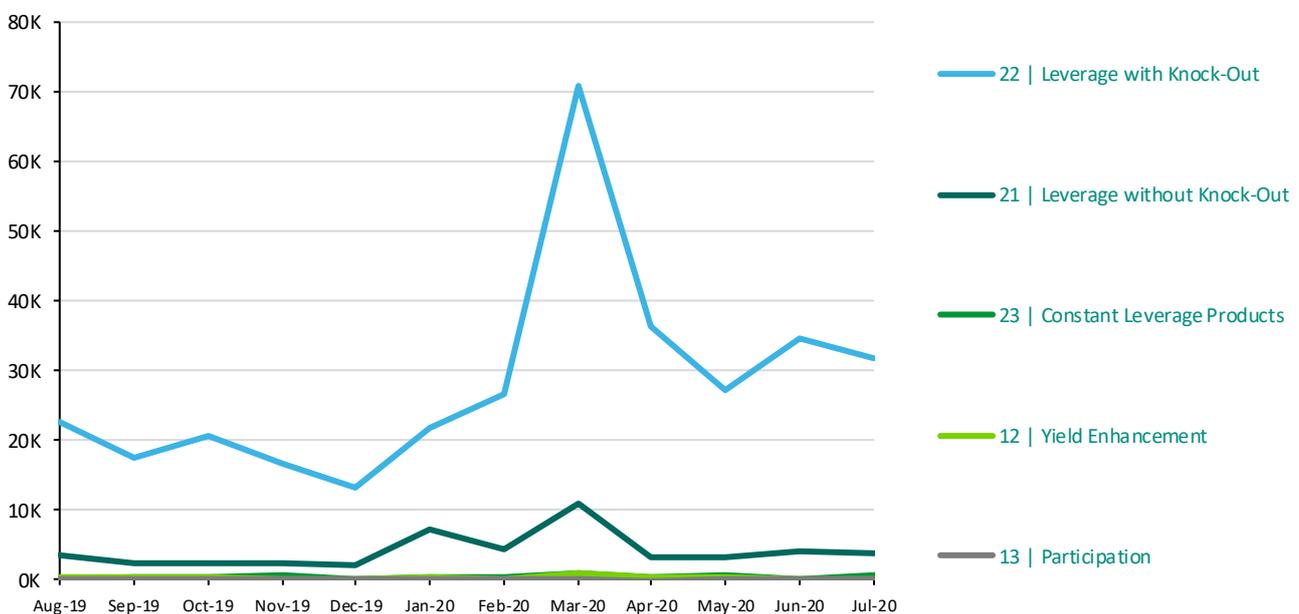
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

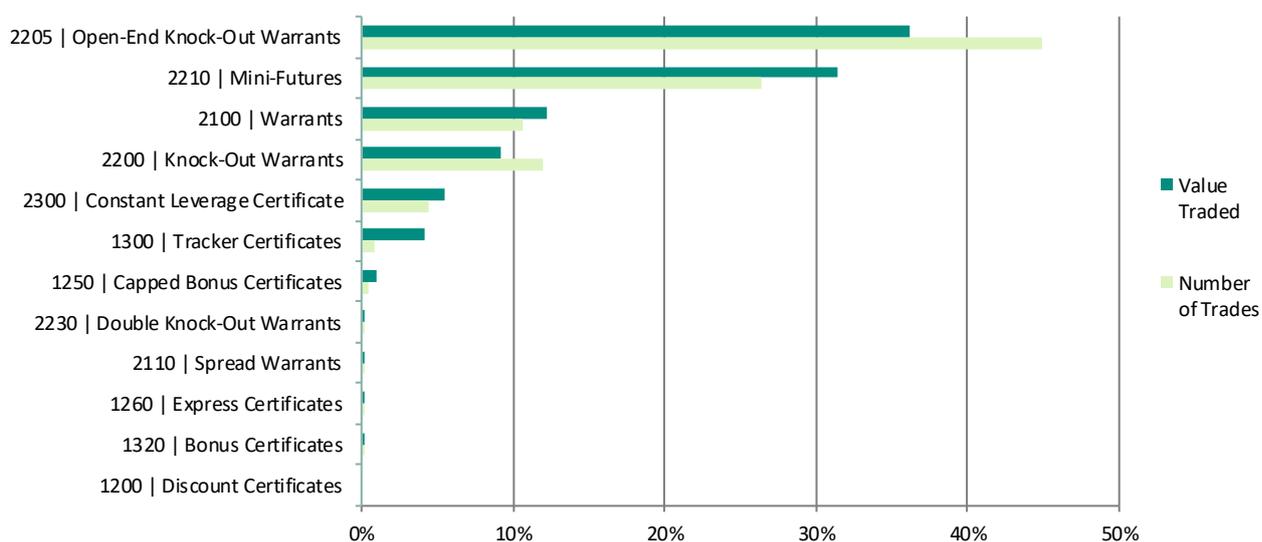
## Market Overview

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 all instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	14,929	-19.8%	-10.7%	36.2%	6,666	-11.0%	-10.2%	45.0%
2210   Mini-Futures	12,970	-23%	-6.4%	31.4%	3,908	-15.2%	-5.6%	26.4%
2100   Warrants	5,024	-49%	-21%	12.2%	1,581	-35%	-8.1%	10.7%
2200   Knock-Out Warrants	3,776	-25%	-14.7%	9.2%	1,767	-15.8%	-8.6%	11.9%
2300   Constant Leverage Certificate	2,261	-48%	-18.0%	5.5%	654	-34%	-22%	4.4%
1300   Tracker Certificates	1,725	-4.2%	-60%	4.2%	119	-18.8%	-66%	0.8%
1250   Capped Bonus Certificates	402	-7.6%	-24%	1.0%	69	2.9%	-2.4%	0.5%
2230   Double Knock-Out Warrants	87	9.3%	-21%	0.2%	35	5.6%	-11.2%	0.2%
2110   Spread Warrants	75	-53%	-33%	0.2%	21	-44%	-10.3%	0.1%
1260   Express Certificates	7	-71%	-97%	0.0%	0.0	-84%	-97%	0.0%
1320   Bonus Certificates	6	-38%	-61%	0.0%	1.3	-35%	-52%	0.0%
1200   Discount Certificates	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>41,260</b>	<b>-27.8%</b>	<b>-16.6%</b>	<b>100%</b>	<b>14,822</b>	<b>-17.3%</b>	<b>-10.4%</b>	<b>100%</b>

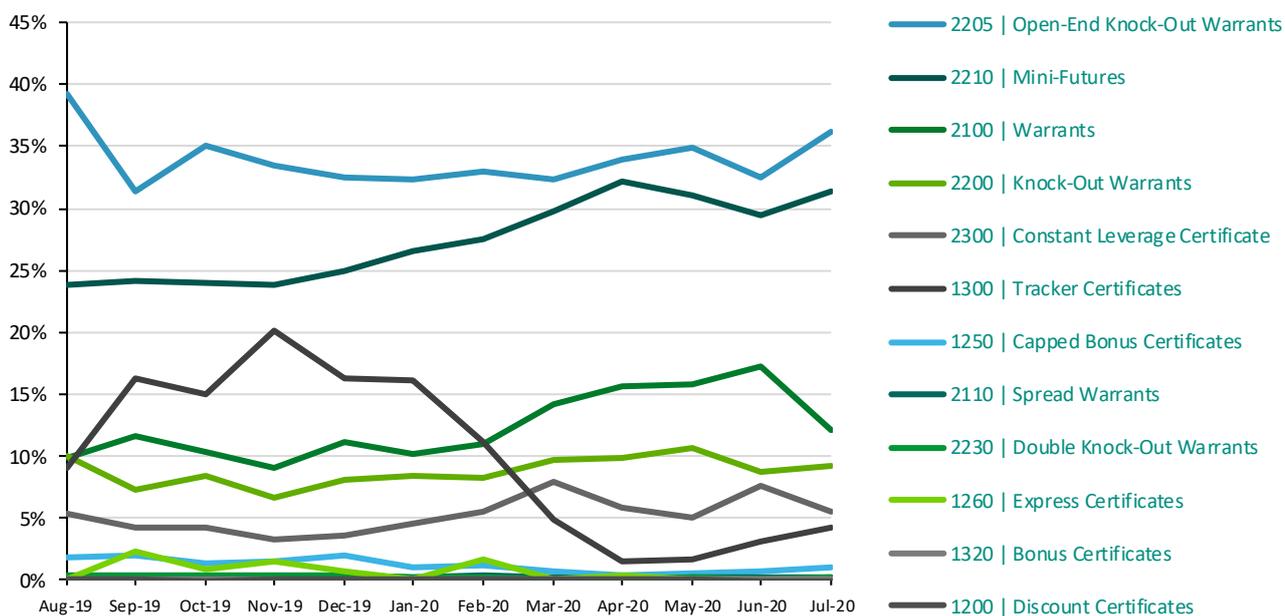
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

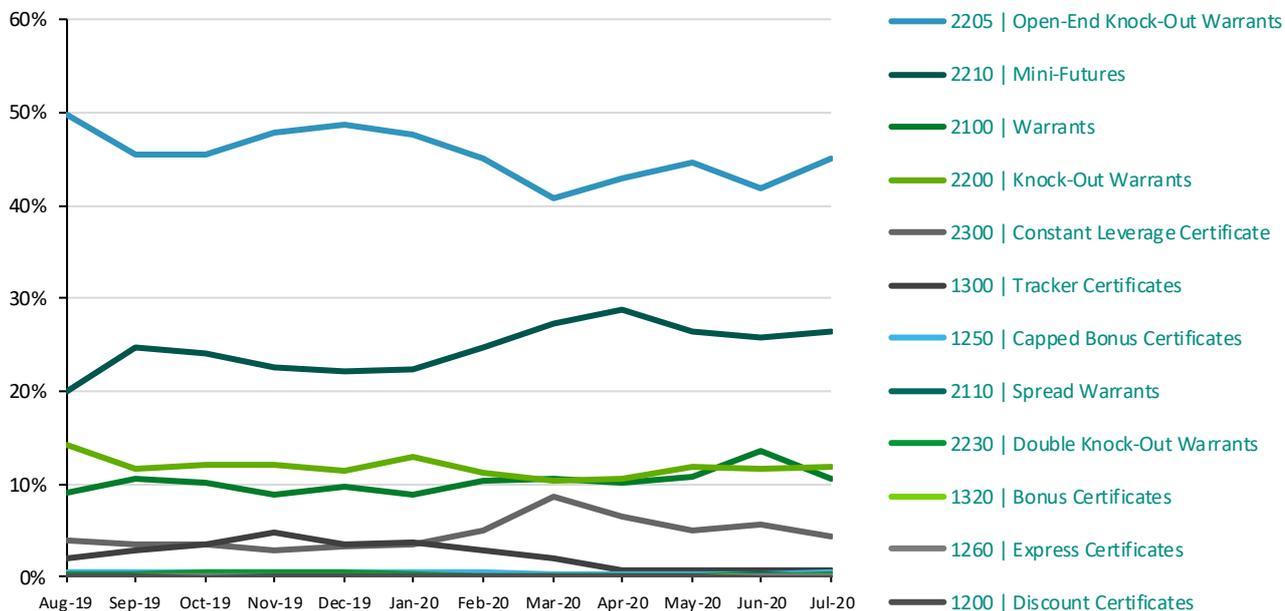
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

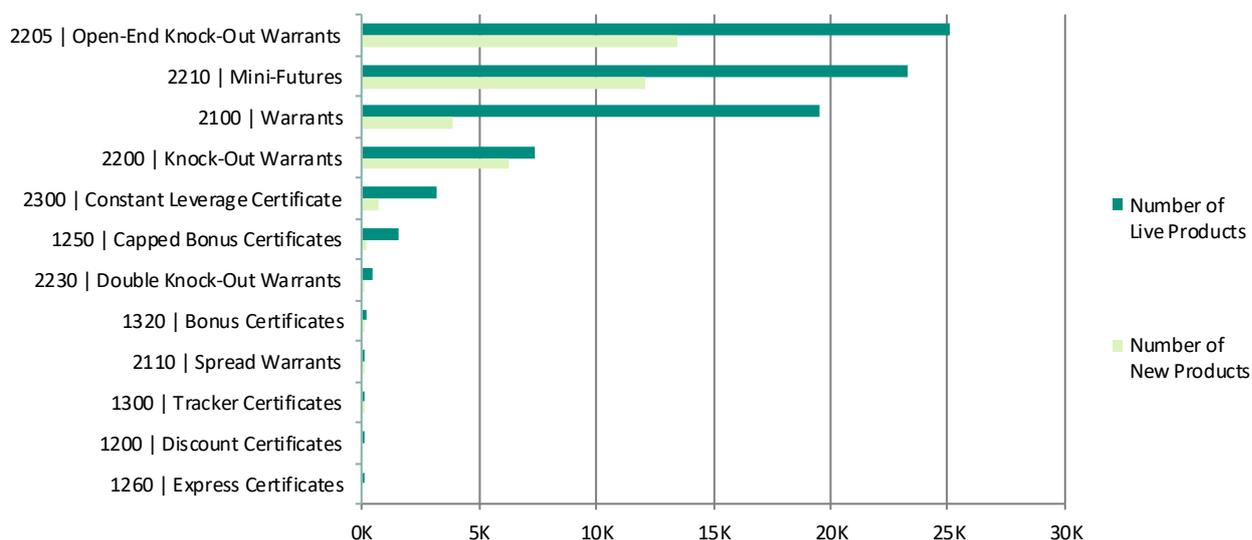
## Product Overview

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	25,082	7.1%	15.0%	30.9%	13,419	-3.8%	21%	36.7%
2210   Mini-Futures	23,335	5.7%	11.1%	28.8%	12,055	-16.5%	23%	33.0%
2100   Warrants	19,526	-5.9%	-15.1%	24.1%	3,855	-1.9%	-6.9%	10.5%
2200   Knock-Out Warrants	7,429	-5.2%	-11.9%	9.2%	6,269	-1.4%	-13.9%	17.1%
2300   Constant Leverage Certificate	3,241	5.6%	25%	4.0%	707	238%	47%	1.9%
1250   Capped Bonus Certificates	1,534	-2.2%	-13.3%	1.9%	205	206%	-26%	0.6%
2230   Double Knock-Out Warrants	455	-26%	-31%	0.6%	21	50%	-92%	0.1%
1320   Bonus Certificates	171	11.2%	31%	0.2%	18	125%	-31%	0.0%
2110   Spread Warrants	151	-13.1%	1.9%	0.2%	25	-62%	-42%	0.1%
1300   Tracker Certificates	119	-7.3%	-21%	0.1%	3		414%	0.0%
1200   Discount Certificates	77	-28%	3.7%	0.1%	0		-100%	0.0%
1260   Express Certificates	20	-2.0%	65%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>81,139</b>	<b>1.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>36,577</b>	<b>-6.3%</b>	<b>9.8%</b>	<b>100%</b>

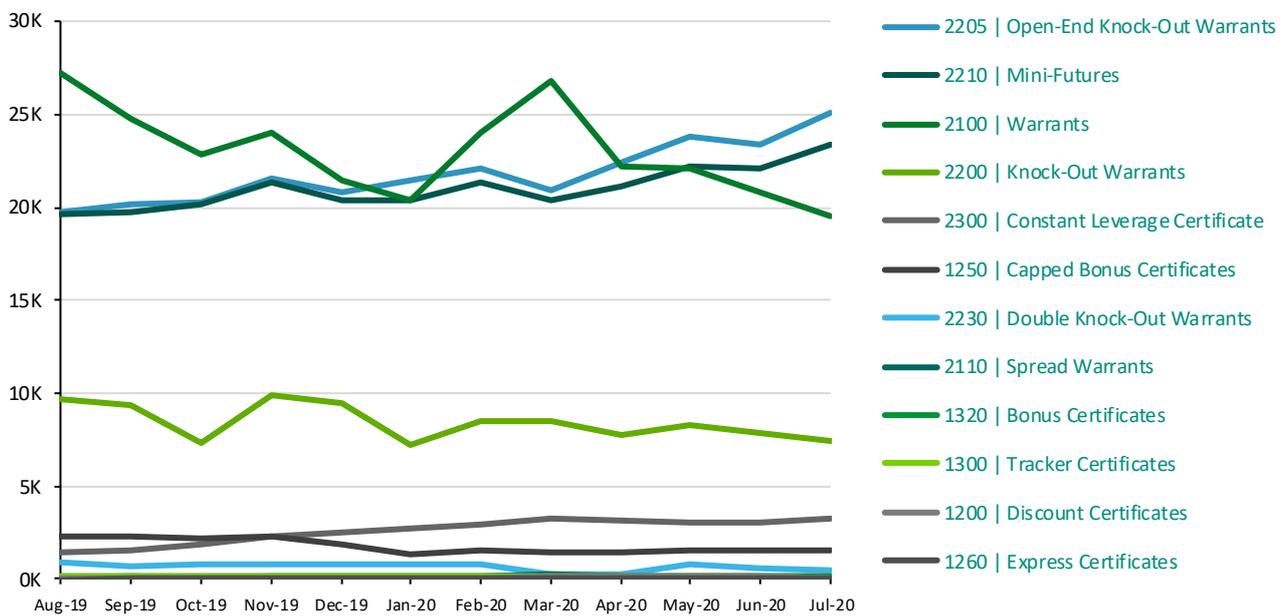
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

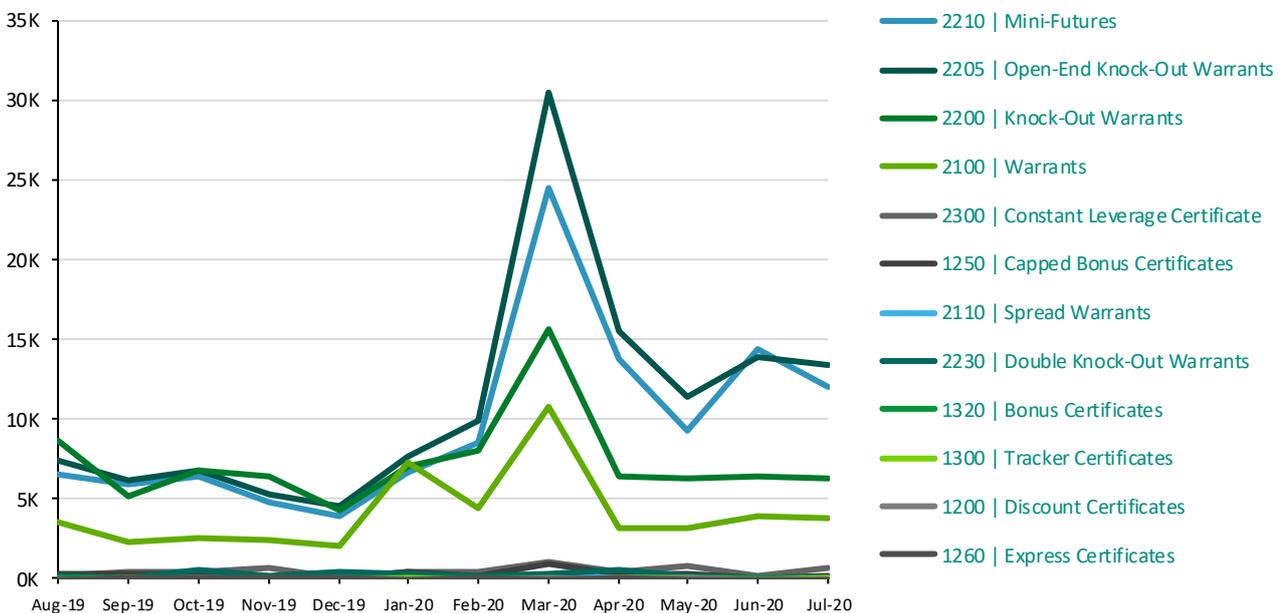
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

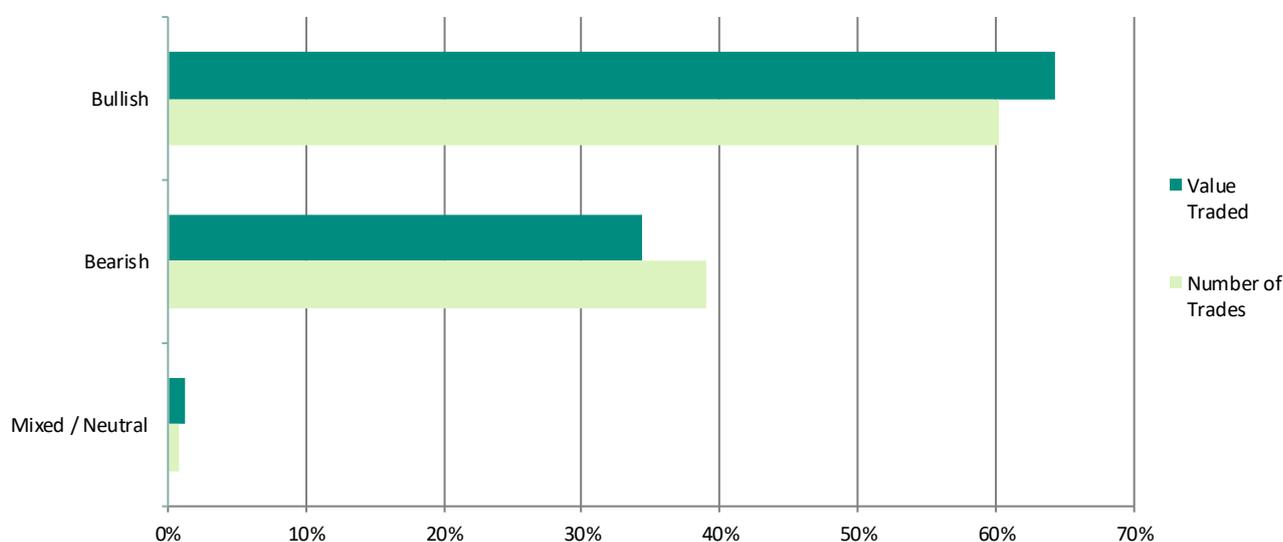
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	26,545	-28%	-18.2%	64.3%	8,923	-15.3%	-10.0%	60.2%
Bearish	14,184	-28%	-12.7%	34.4%	5,781	-20%	-11.0%	39.0%
Mixed / Neutral	531	-20%	-30%	1.3%	118	-12.3%	-12.6%	0.8%
Total	41,260	-27.8%	-16.6%	100%	14,822	-17.3%	-10.4%	100%

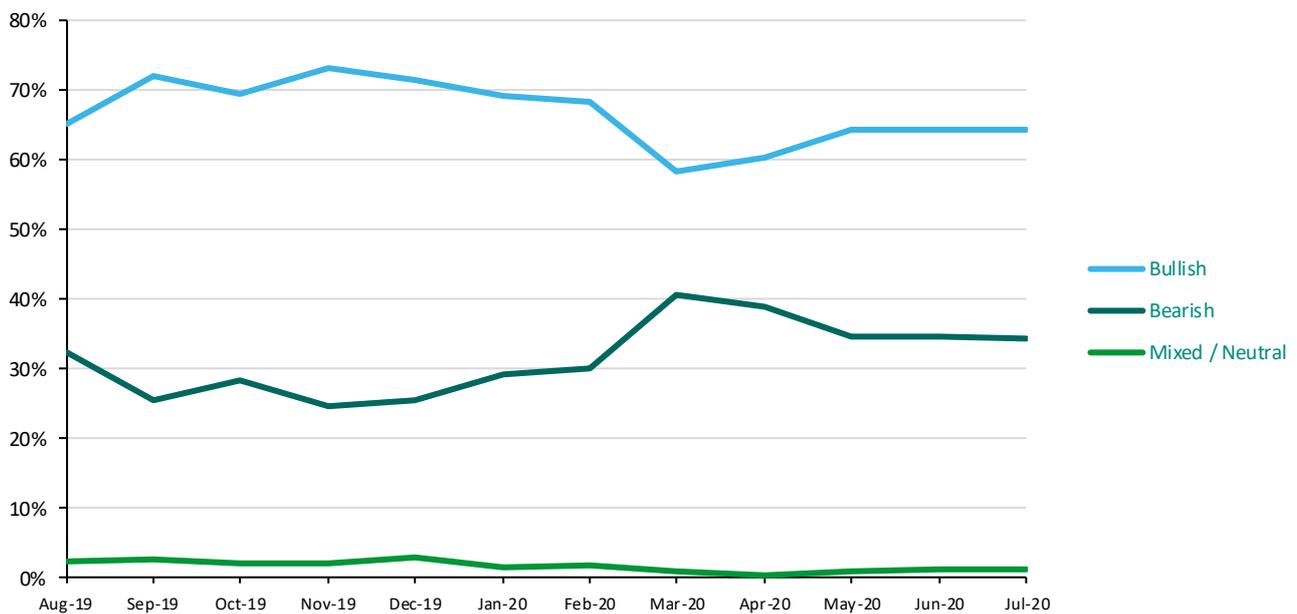
(Source Euronext)



# PRODUCT STRATEGIES

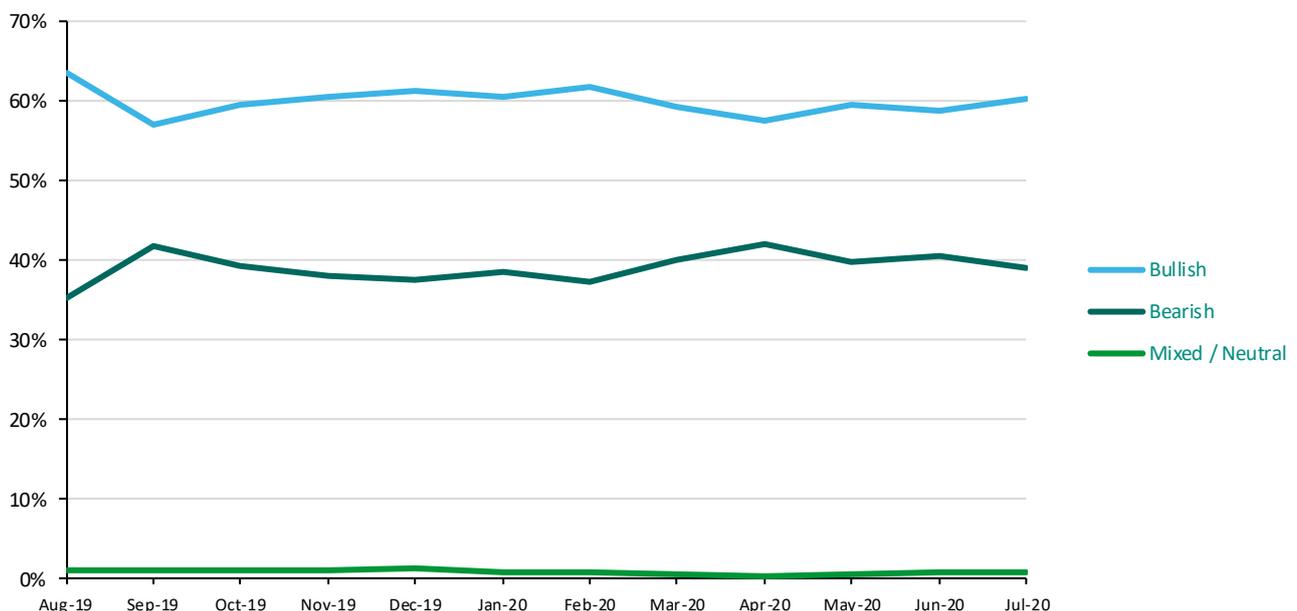
## Market Trend: Value traded

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

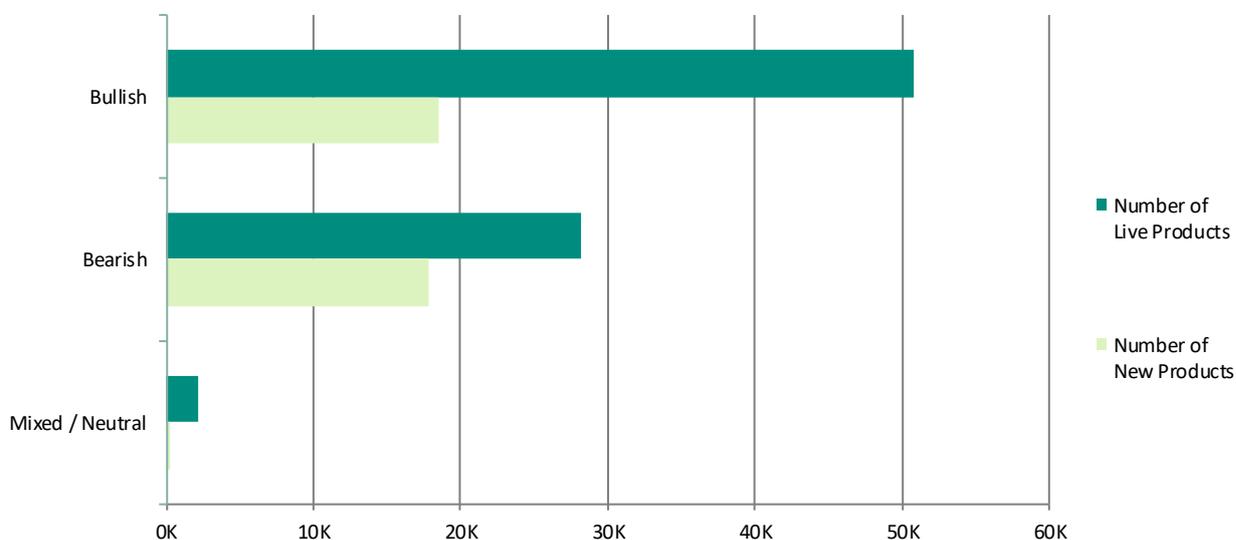
## Product Overview

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	50,772	1.7%	8.3%	62.6%	18,544	-12.1%	1.5%	50.7%
Bearish	28,165	2.3%	-6.7%	34.7%	17,807	-0.3%	23%	48.7%
Mixed / Neutral	2,203	-11.3%	-19.3%	2.7%	226	179%	-61%	0.6%
<b>Total</b>	<b>81,139</b>	<b>1.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>36,577</b>	<b>-6.3%</b>	<b>9.8%</b>	<b>100%</b>

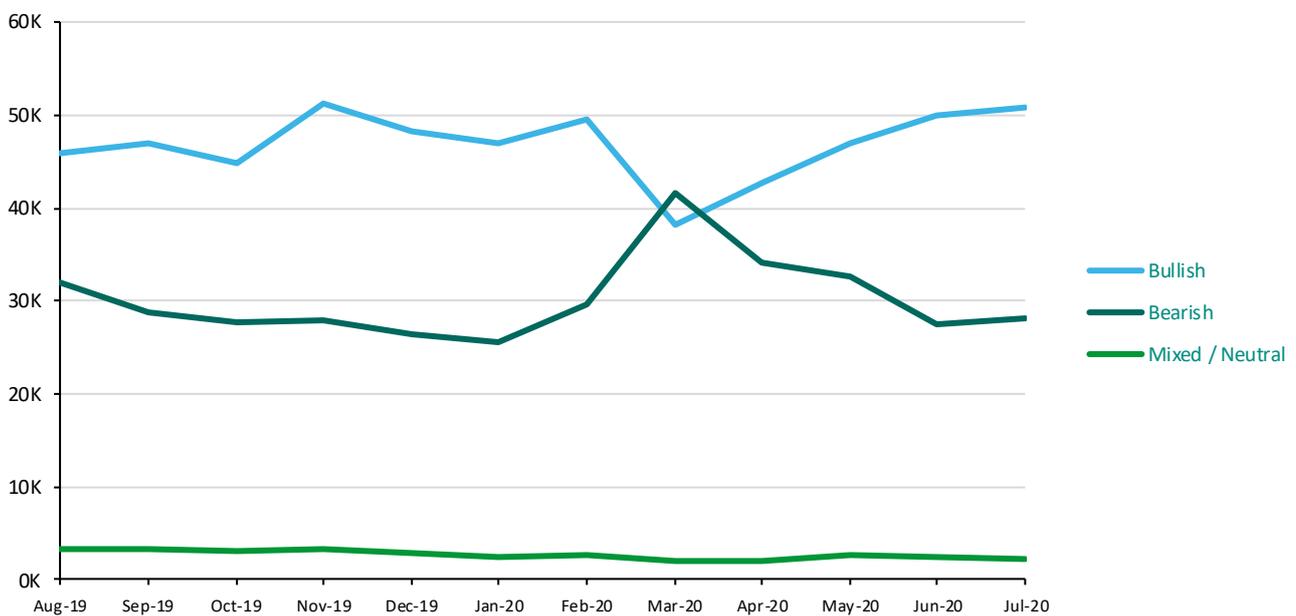
(Source Euronext)



# PRODUCT STRATEGIES

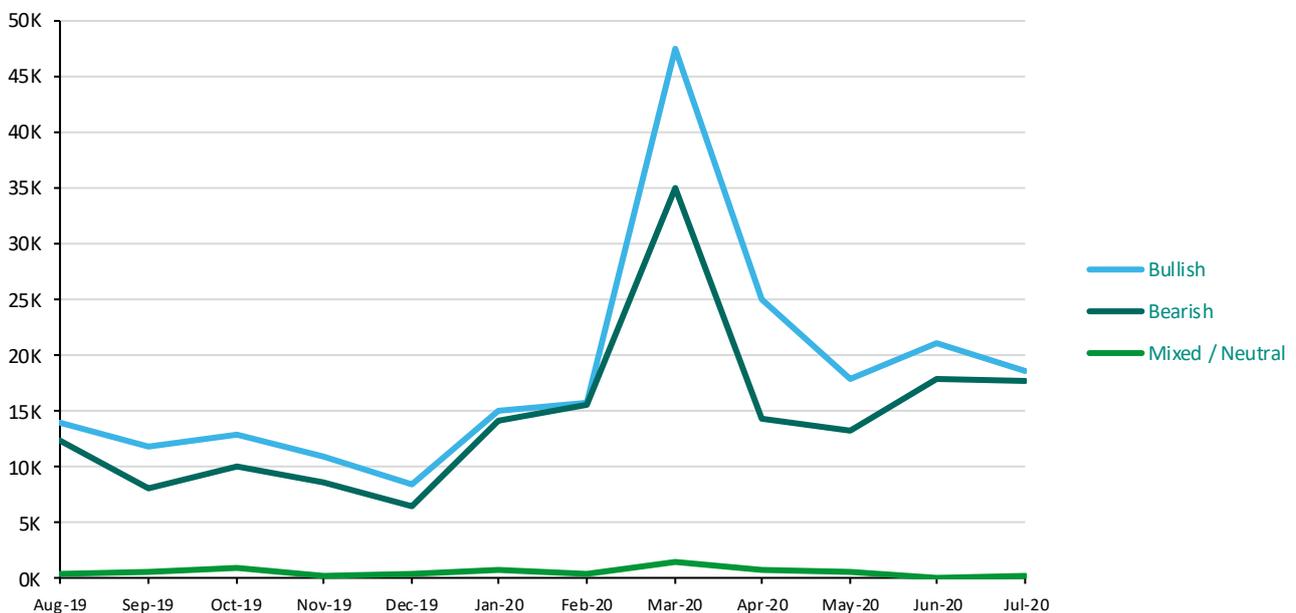
## Product Trend: Number of Live Products

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

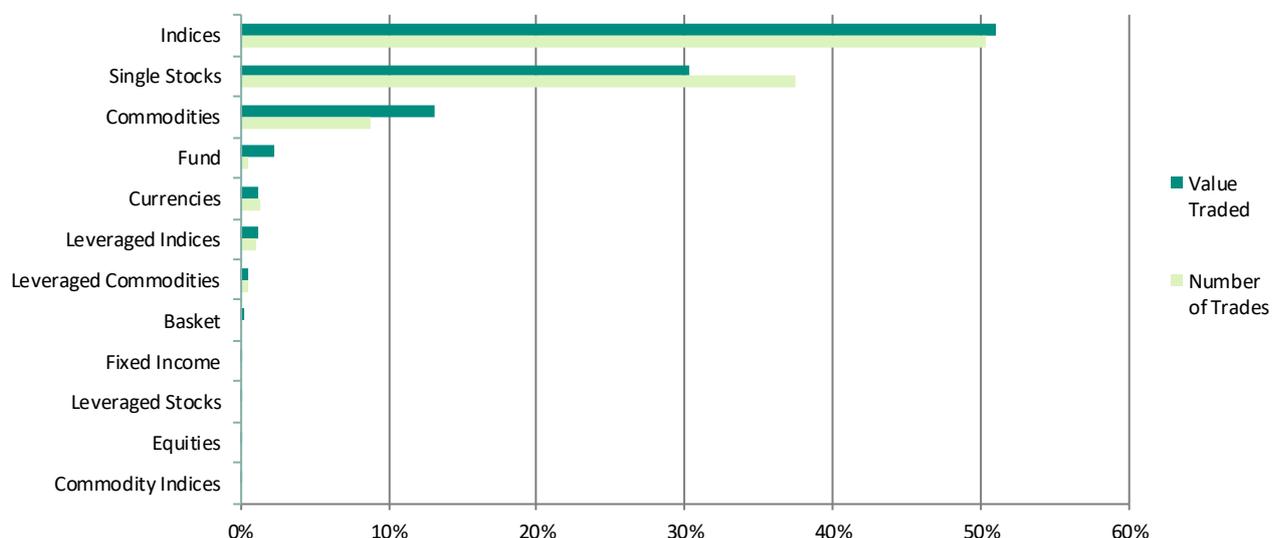
## Market Overview

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	21,075	-31%	-21%	51.1%	7,459	-18.2%	-11.9%	50.3%
Single Stocks	12,487	-25%	-8.4%	30.3%	5,549	-19.5%	-5.6%	37.4%
Commodities	5,421	9.7%	15.9%	13.1%	1,298	17.2%	-4.2%	8.8%
Fund	954	-66%	-60%	2.3%	74	-59.5%	-56.2%	0.5%
Currencies	485	37%	5.0%	1.2%	200	16.6%	-2.6%	1.4%
Leveraged Indices	482	-72%	-65%	1.2%	147	-58.2%	-59.7%	1.0%
Leveraged Commodities	230	45%	46%	0.6%	74	7.2%	1.9%	0.5%
Basket	80	106%	14.1%	0.2%	2.9	75.4%	8.2%	0.0%
Fixed Income	24	42%	-54%	0.1%	6.4	-8.1%	-66.5%	0.0%
Leveraged Stocks	20	39%	14.6%	0.0%	10	-9.4%	-24.0%	0.1%
Equities	1	-79%	-98%	0.0%	1.0	129.6%	74.6%	0.0%
Commodity Indices	0	179%	-51%	0.0%	0.0	-4.3%	-47.0%	0.0%
<b>Total</b>	<b>41,260</b>	<b>-27.8%</b>	<b>-16.6%</b>	<b>100%</b>	<b>14,822</b>	<b>-17.3%</b>	<b>-10.4%</b>	<b>100%</b>

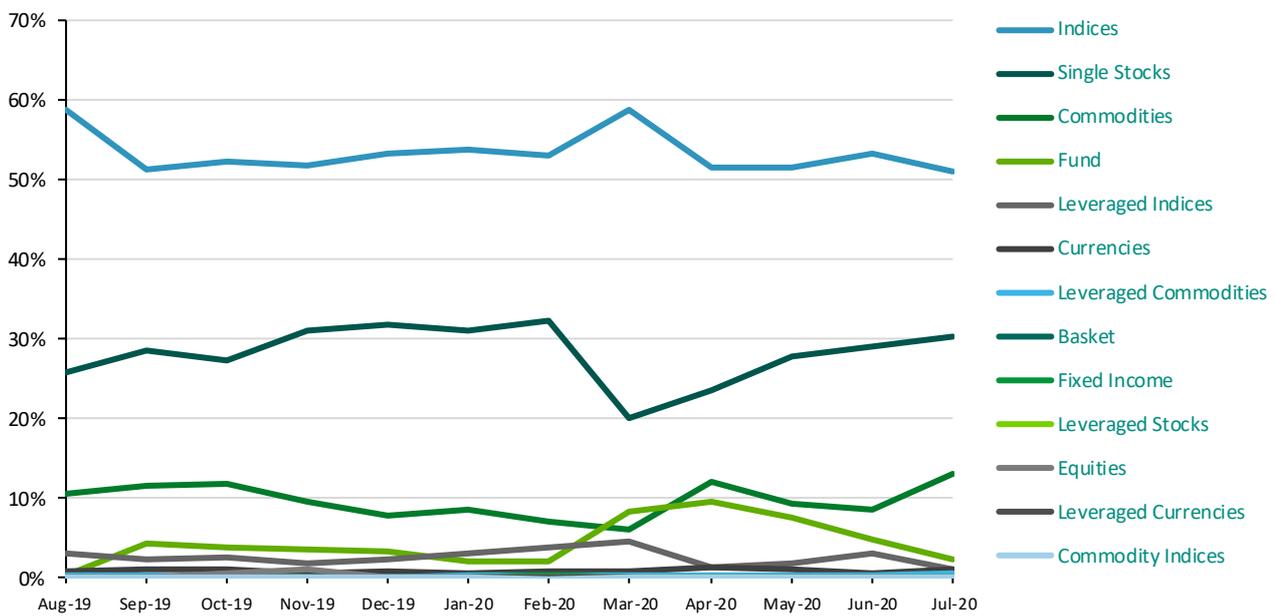
(Source Euronext)



# UNDERLYING TYPES

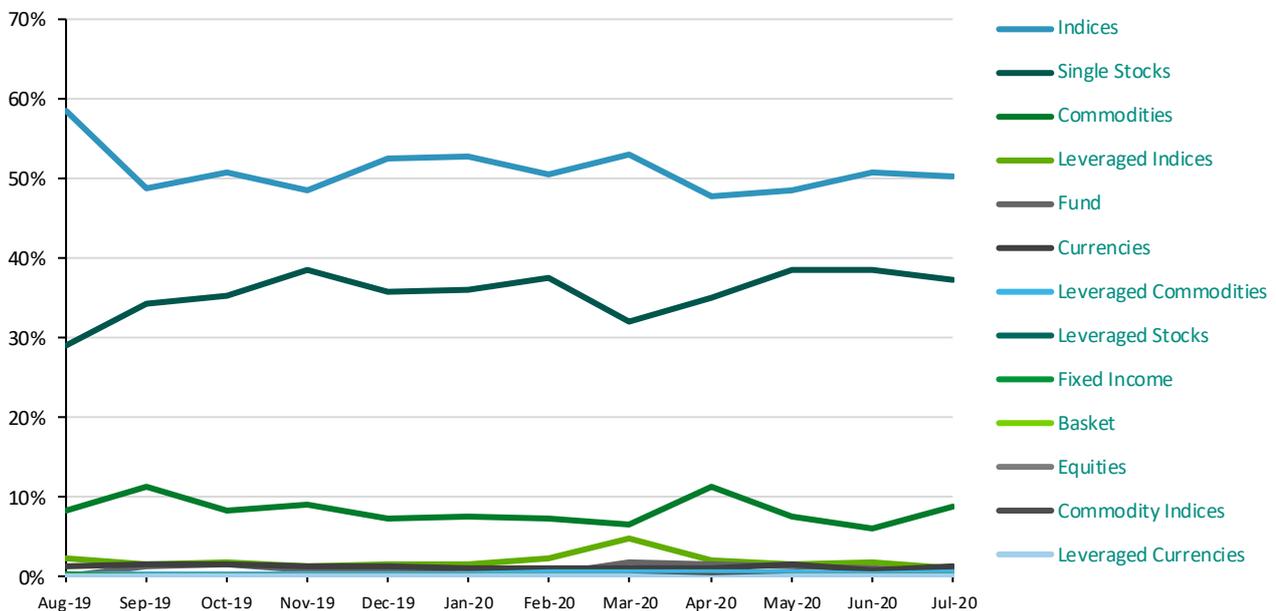
## Market Trend: Value traded

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

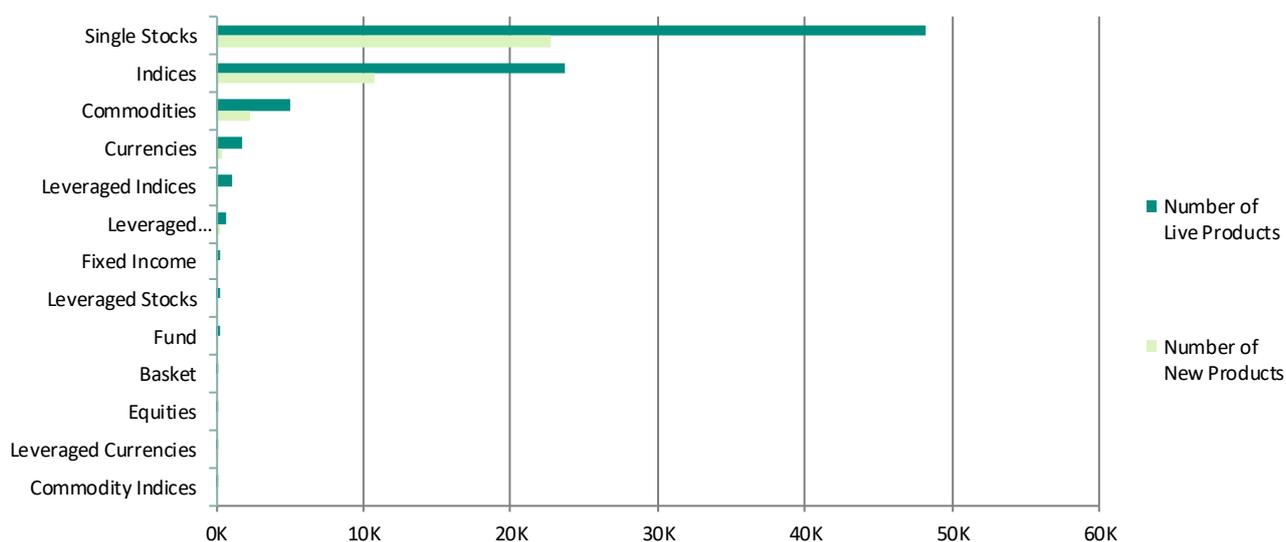
## Product Overview

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	48,265	2.8%	-3.0%	59.5%	22,680	-12.1%	21%	62.0%
Indices	23,650	-1.5%	8.1%	29.1%	10,693	-5.9%	-10.5%	29.2%
Commodities	4,982	7.1%	18.4%	6.1%	2,333	71%	26%	6.4%
Currencies	1,775	-4.0%	-5.4%	2.2%	434	-8.6%	13.2%	1.2%
Leveraged Indices	1,101	1.0%	45%	1.4%	120		-18.4%	0.3%
Leveraged Commodities	619	12.0%	15.0%	0.8%	257		56%	0.7%
Fixed Income	271	-5.1%	-13.2%	0.3%	21	91%	-20%	0.1%
Leveraged Stocks	228	-14.9%	-12.1%	0.3%	22		-41%	0.1%
Fund	215	2.2%	13.5%	0.3%	3	-40%	-41%	0.0%
Basket	20	-1.1%	-0.9%	0.0%	0		-100%	0.0%
Equities	9	0.1%	9.3%	0.0%	0		-100%	0.0%
Leveraged Currencies	4	41%	-38%	0.0%	14		NA	0.0%
Commodity Indices	1	0.0%	0.0%	0.0%	0			0.0%
<b>Total</b>	<b>81,139</b>	<b>1.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>36,577</b>	<b>-6.3%</b>	<b>9.8%</b>	<b>100%</b>

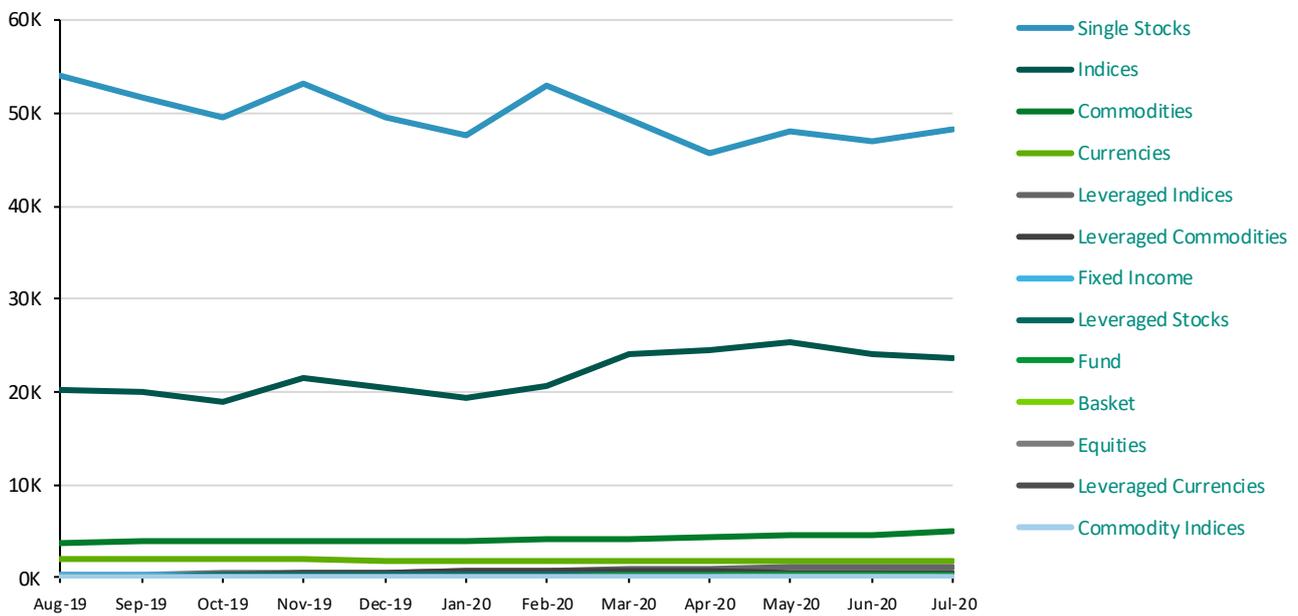
(Source Euronext)



# UNDERLYING TYPES

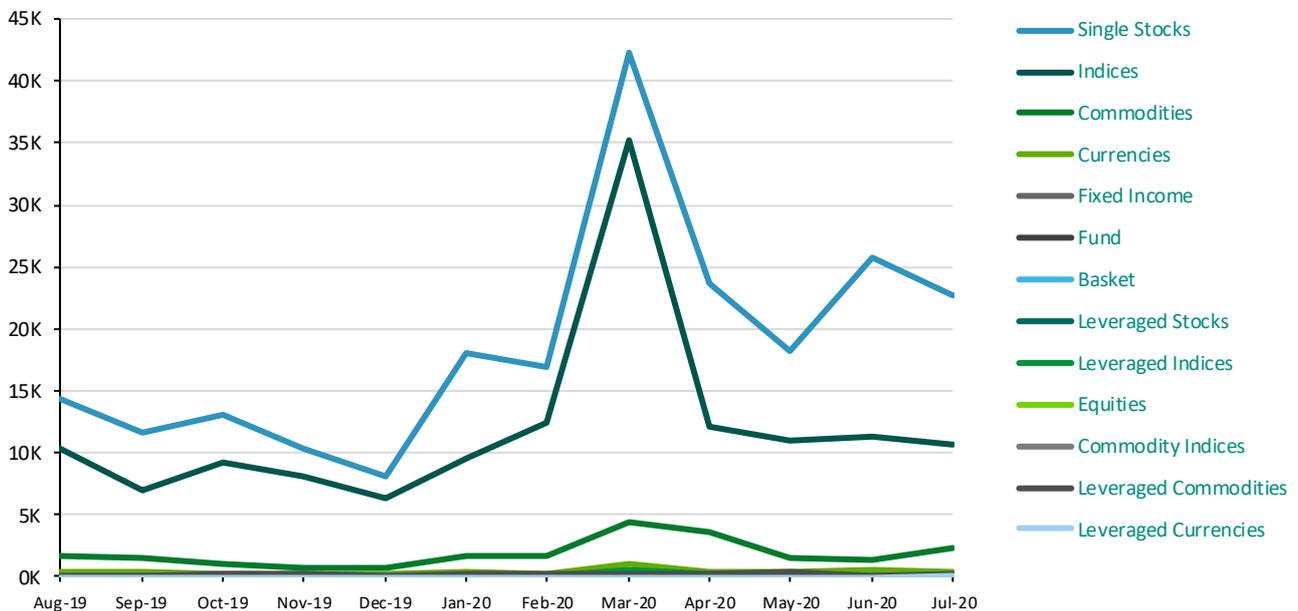
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYING COUNTRIES

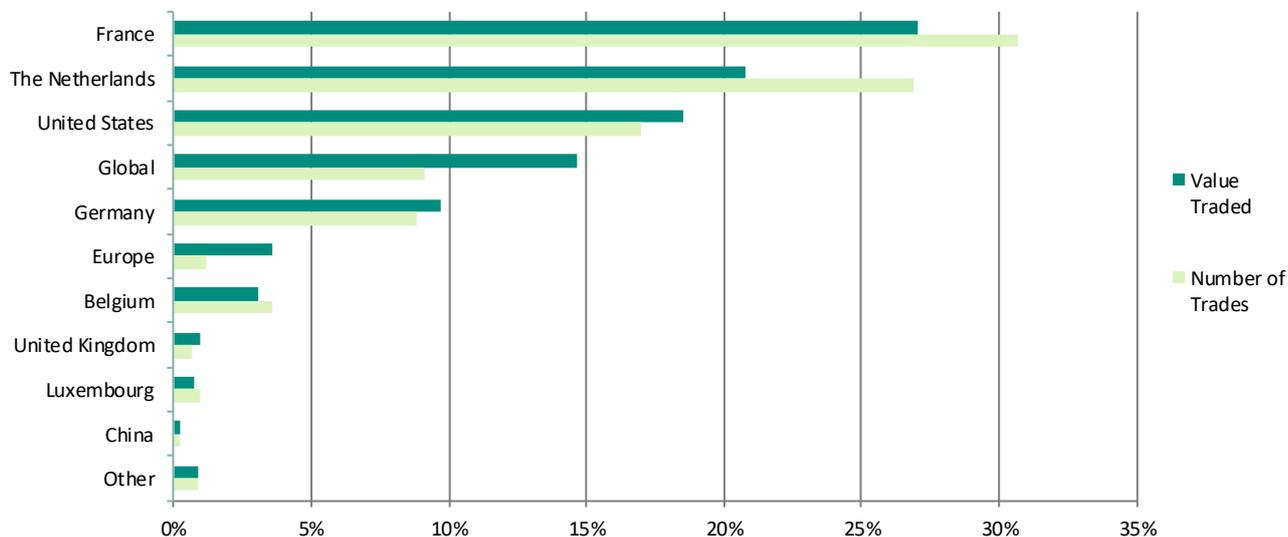
## Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	11,146	-40%	-10.2%	27.0%	4,549	-28.1%	-7.0%	30.7%
The Netherlands	8,573	-24%	-23%	20.8%	3,992	-17.7%	-18.0%	26.9%
United States	7,633	-19.5%	-5.9%	18.5%	2,521	-1.5%	9.3%	17.0%
Global	6,055	11.8%	-4.4%	14.7%	1,349	18.7%	-8.6%	9.1%
Germany	3,989	-28%	-11.6%	9.7%	1,307	-18.9%	-16.8%	8.8%
Europe	1,477	-61%	-59%	3.6%	176	-49%	-45%	1.2%
Belgium	1,259	-19.7%	-33%	3.1%	525	-18.2%	-9.9%	3.5%
United Kingdom	398	59%	23%	1.0%	101	21%	0.2%	0.7%
Luxembourg	291	-8.1%	-51%	0.7%	142	-22%	-42%	1.0%
China	88	29%	45%	0.2%	32	101%	83%	0.2%
Other	351	-45%	-38%	0.9%	128	-21%	-23%	0.9%
<b>Total</b>	<b>41,260</b>	<b>-27.8%</b>	<b>-16.6%</b>	<b>100%</b>	<b>14,822</b>	<b>-17.3%</b>	<b>-10.4%</b>	<b>100%</b>

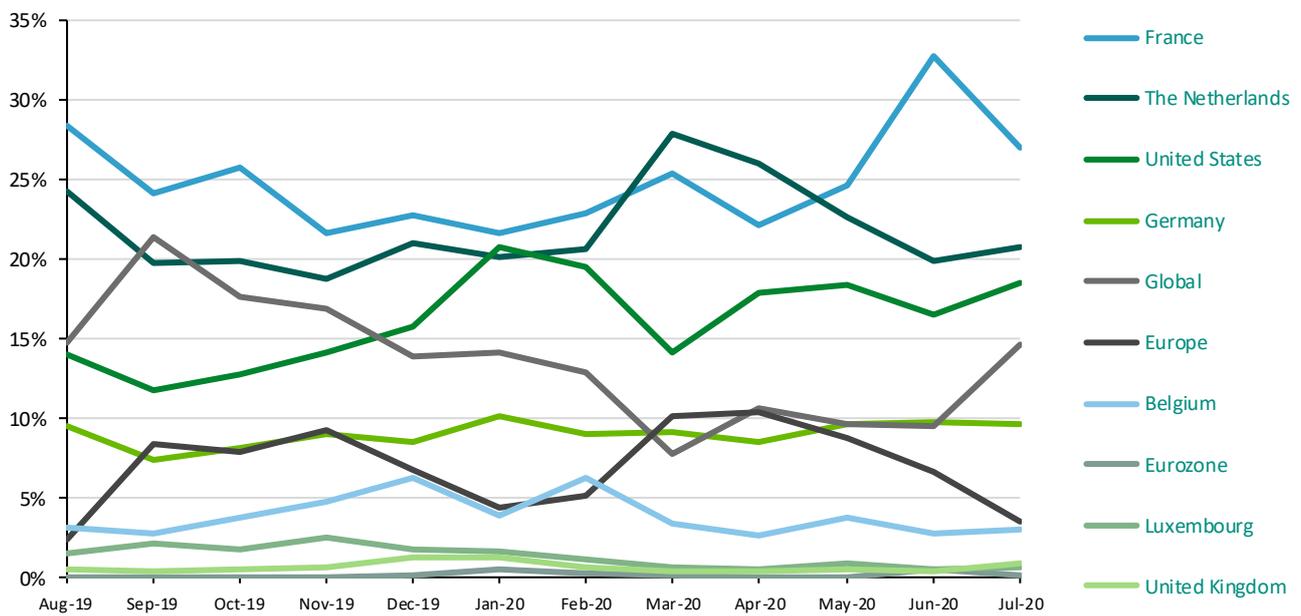
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

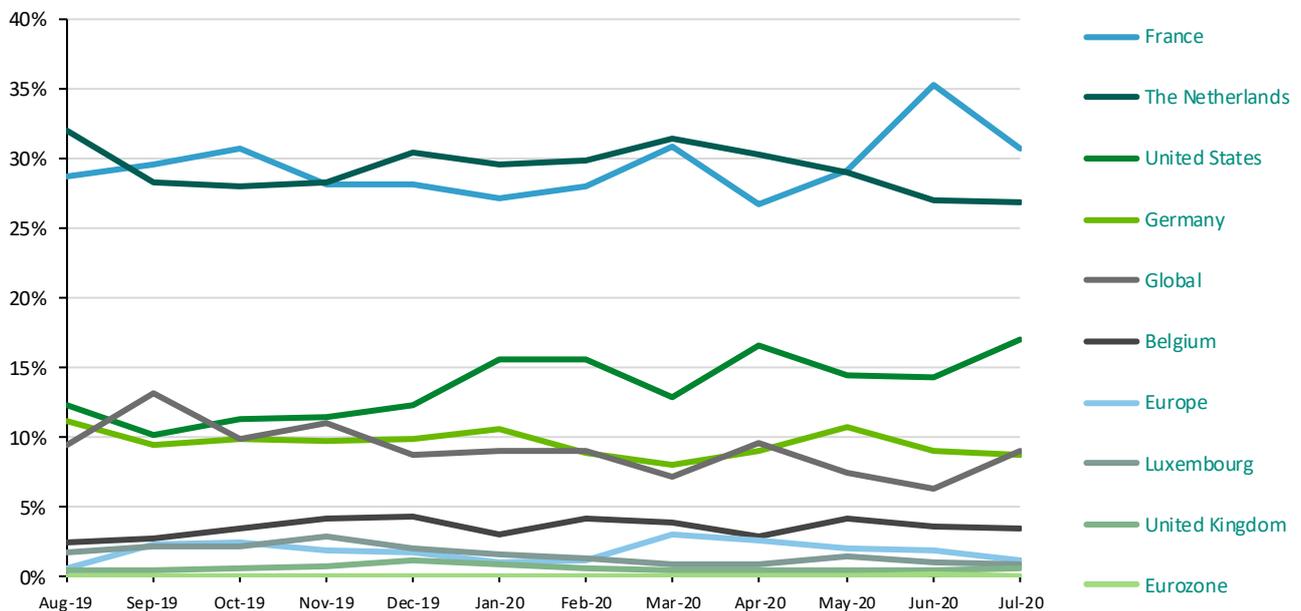
## Market Trend: Value traded

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

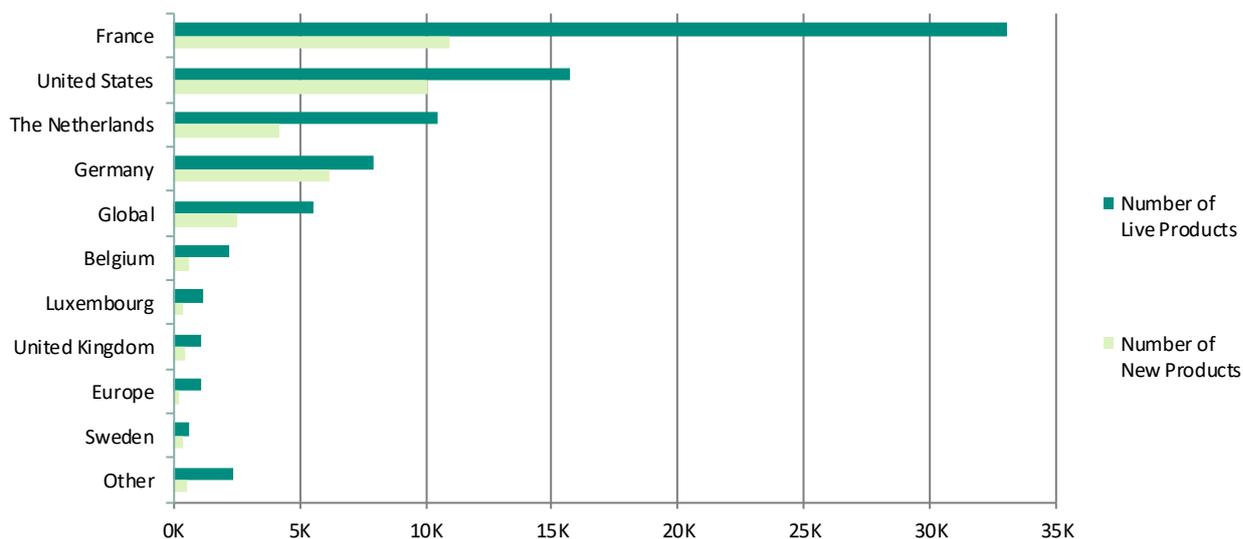
### Product Overview

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	33,040	-0.5%	-3.1%	40.7%	10,928	-17.9%	-16.9%	29.9%
United States	15,703	3.1%	1.1%	19.4%	10,106	13.4%	43%	27.6%
The Netherlands	10,440	1.9%	11.7%	12.9%	4,180	-14.4%	-3.4%	11.4%
Germany	7,912	3.6%	9.9%	9.8%	6,201	-18.1%	46%	17.0%
Global	5,568	5.9%	6.8%	6.9%	2,553	107%	36%	7.0%
Belgium	2,218	3.5%	2.0%	2.7%	655	-39%	-8.6%	1.8%
Luxembourg	1,147	-0.8%	-5.2%	1.4%	393	-18.0%	-34%	1.1%
United Kingdom	1,069	0.3%	-3.2%	1.3%	483	25%	52%	1.3%
Europe	1,054	-2.6%	5.2%	1.3%	195	-15.9%	-32%	0.5%
Sweden	595	15.1%	24%	0.7%	358	-17.7%	76%	1.0%
Other	2,394	1.0%	-1.2%	3.0%	525	2.1%	-5.8%	1.4%
<b>Total</b>	<b>81,139</b>	<b>1.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>36,577</b>	<b>-6.3%</b>	<b>9.8%</b>	<b>100%</b>

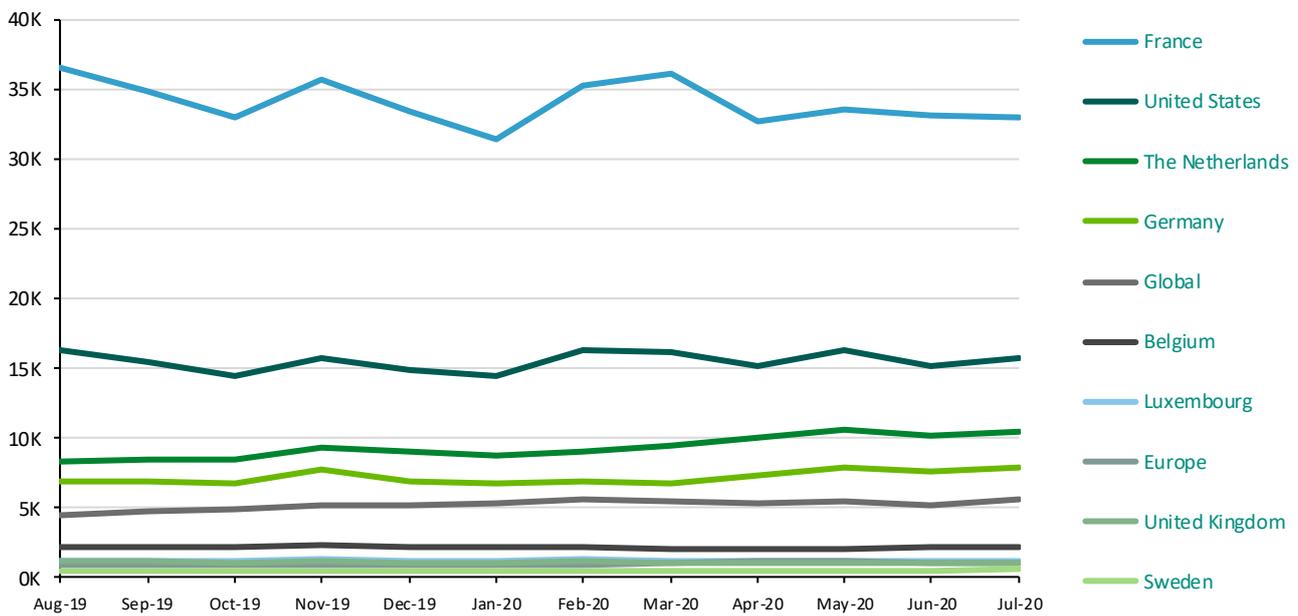
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

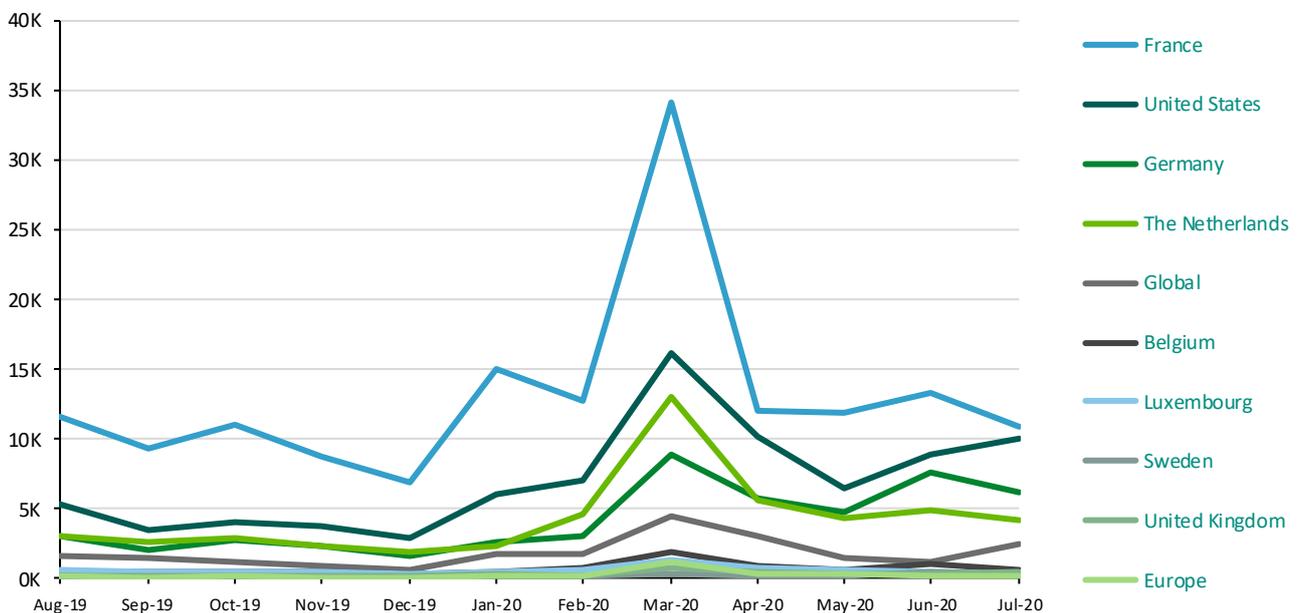
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

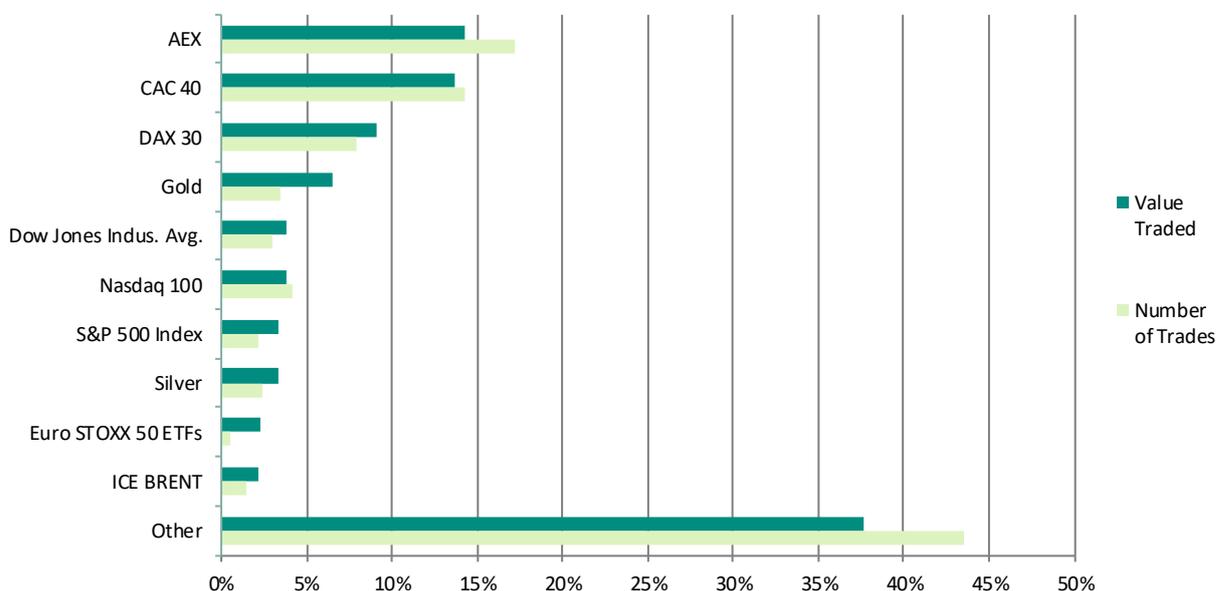
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	5,872	-23%	-23%	14.2%	2,548	-15.5%	-18.1%	17.2%
CAC 40	5,654	-38%	-8.3%	13.7%	2,108	-23%	-5.0%	14.2%
DAX 30	3,734	-26%	-8.8%	9.0%	1,173	-16.5%	-15.7%	7.9%
Gold	2,687	22%	22%	6.5%	515	34%	11.2%	3.5%
Dow Jones Indus. Avg.	1,568	-32%	-16.4%	3.8%	448	-13.0%	-4.9%	3.0%
Nasdaq 100	1,558	-28%	5.4%	3.8%	608	-5.5%	30%	4.1%
S&P 500 Index	1,400	-39%	-37%	3.4%	327	-24%	-23%	2.2%
Silver	1,385	306%	148%	3.4%	358	172%	87%	2.4%
Euro STOXX 50 ETFs	954	-66%	-60%	2.3%	74	-60%	-56%	0.5%
ICE BRENT	902	-45%	-23%	2.2%	218	-41%	-48%	1.5%
Other	15,546	-28%	-21%	37.7%	6,445	-20%	-10.6%	43.5%
<b>Total</b>	<b>41,260</b>	<b>-27.8%</b>	<b>-16.6%</b>	<b>100%</b>	<b>14,822</b>	<b>-17.3%</b>	<b>-10.4%</b>	<b>100%</b>

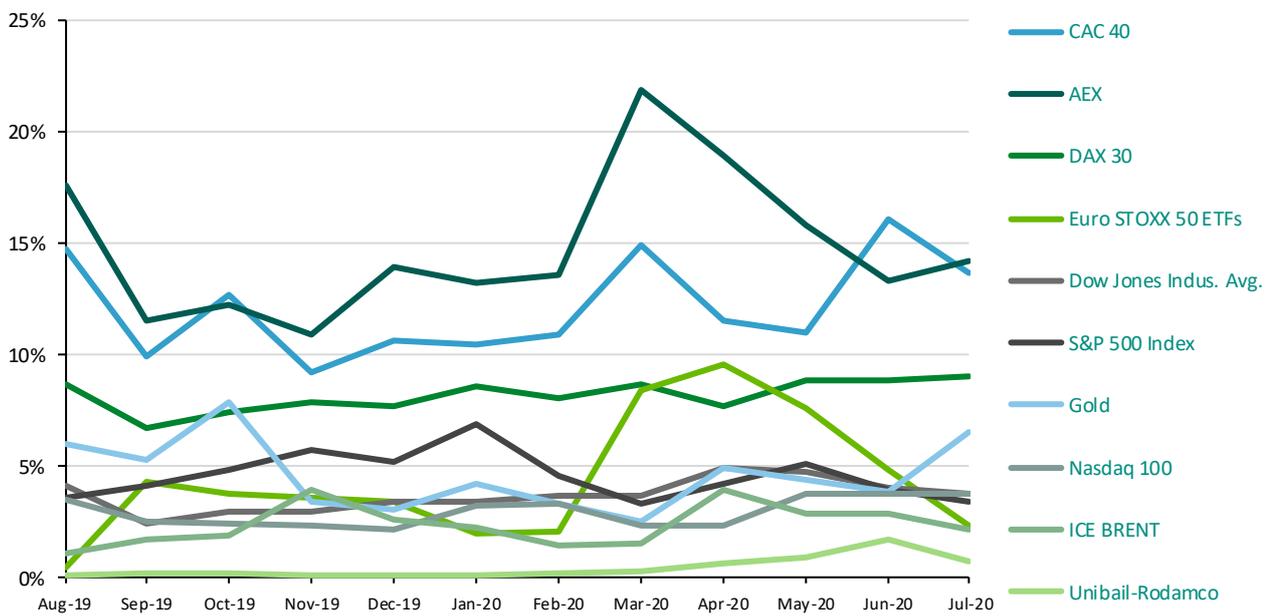
(Source Euronext)



# TOP 10 UNDERLYINGS

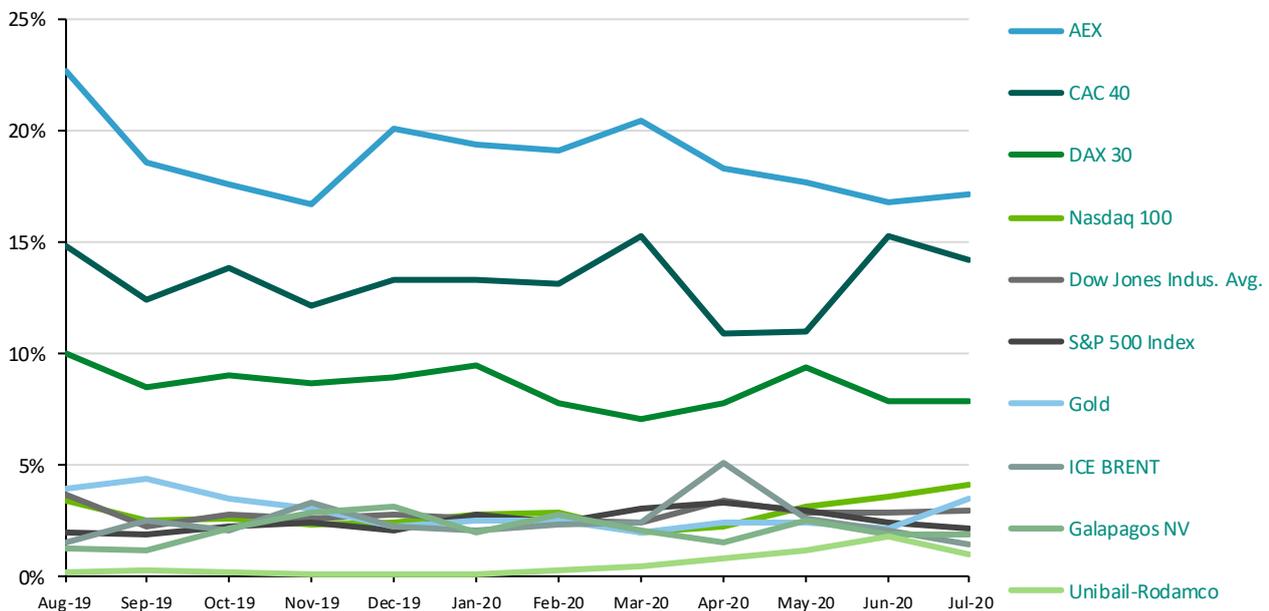
## Market Trend: Value traded

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

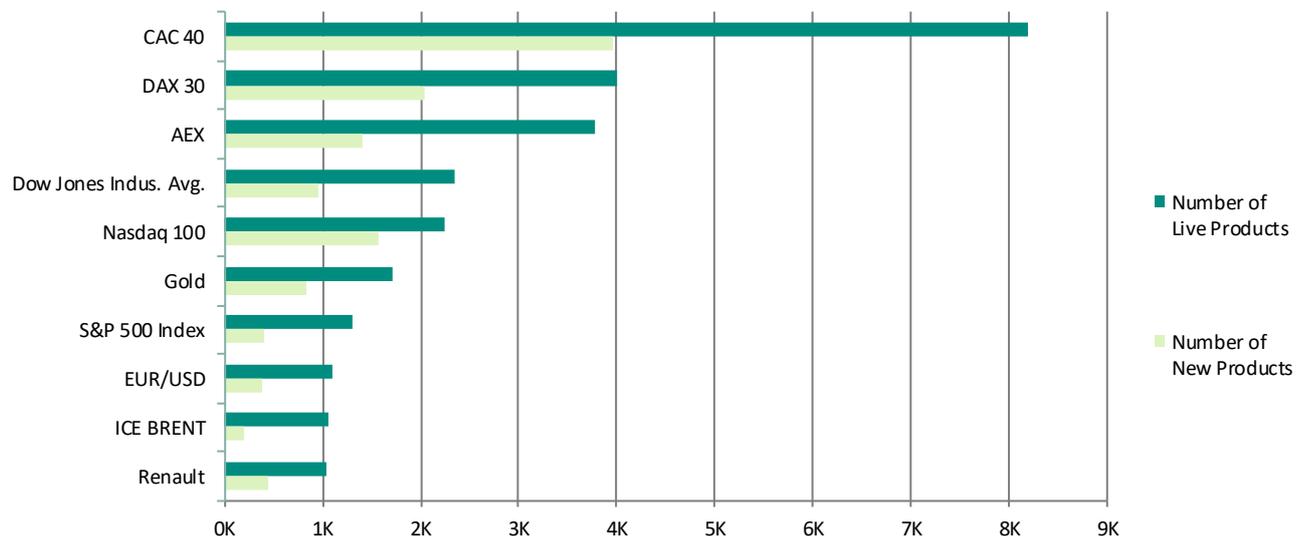
## Product Overview

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	8,185	-0.2%	8.6%	10.1%	3,953	-11.3%	-15.0%	10.8%
DAX 30	3,993	-0.9%	9.4%	4.9%	2,031	-2.7%	-0.2%	5.6%
AEX	3,769	-2.9%	22%	4.6%	1,415	-17.0%	-18.2%	3.9%
Dow Jones Indus. Avg.	2,354	-4.2%	6.8%	2.9%	963	-21%	-25%	2.6%
Nasdaq 100	2,249	3.5%	6.5%	2.8%	1,561	58%	35%	4.3%
Gold	1,715	9.0%	17.9%	2.1%	833	150%	86%	2.3%
S&P 500 Index	1,311	-8.4%	-8.8%	1.6%	412	-9.8%	-31%	1.1%
EUR/USD	1,102	-1.2%	2.1%	1.4%	384	-3.0%	37%	1.0%
ICE BRENT	1,062	5.5%	20%	1.3%	208	-54%	-58%	0.6%
Renault	1,033	-1.0%	4.5%	1.3%	448	0.7%	3.9%	1.2%
Other	54,365	2.6%	-1.8%	67.0%	24,369	-8.0%	21%	66.6%
<b>Total</b>	<b>81,139</b>	<b>1.5%</b>	<b>1.7%</b>	<b>100%</b>	<b>36,577</b>	<b>-6.3%</b>	<b>9.8%</b>	<b>100%</b>

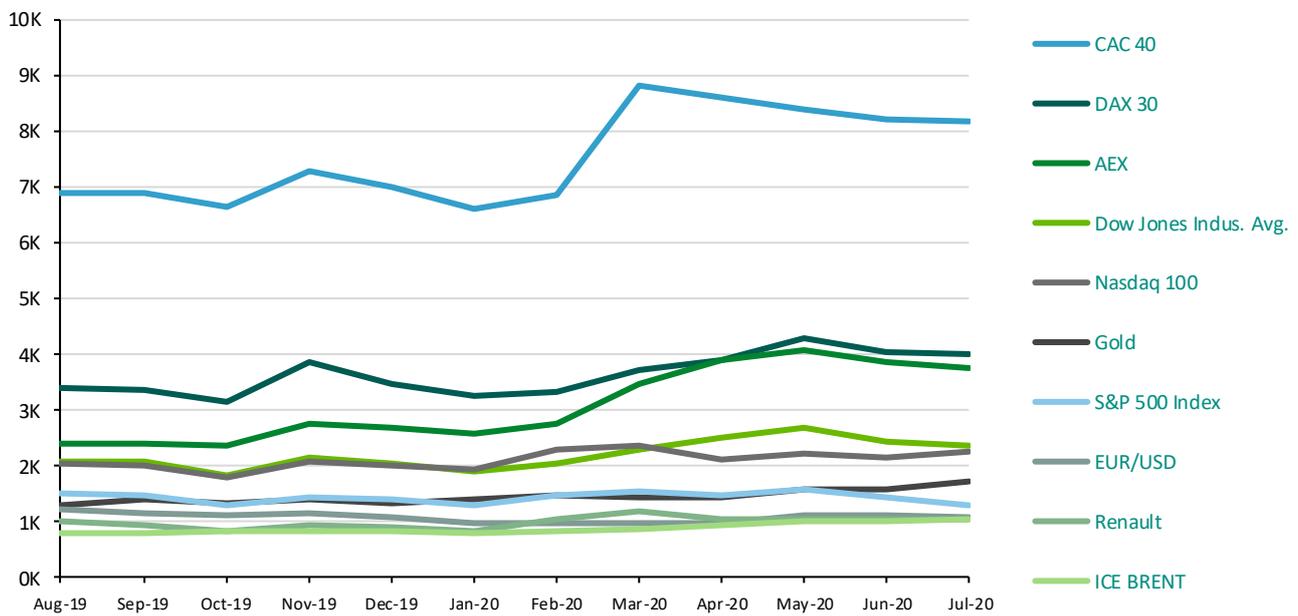
(Source Euronext)



# TOP 10 UNDERLYINGS

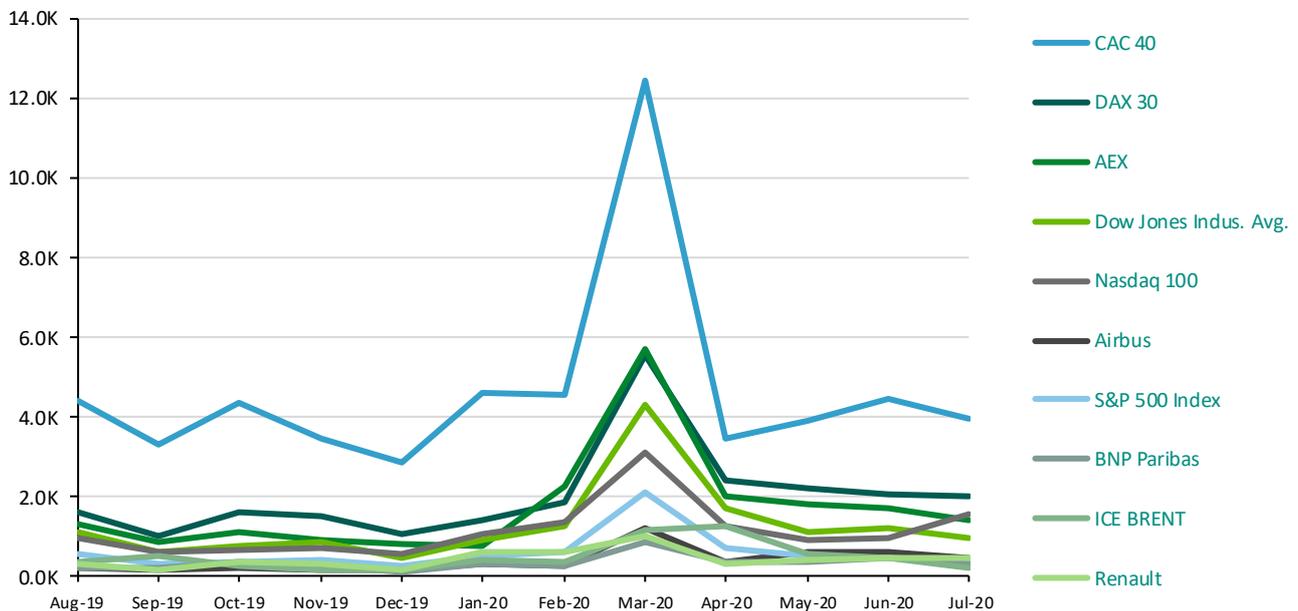
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	11,300	738
NL0013666258	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	8,015	60
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	7,585	568
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	6,671	112
NL0015096421	BNP Paribas	2210	Mini-Futures	AEX	5,262	1,123
NL0015109125	BNP Paribas	2210	Mini-Futures	S&P 500 Index	5,121	75
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	5,116	413
NL0014247686	Goldman Sachs	2210	Mini-Futures	AEX	4,165	38
DE000VF8EEJ5	Vontobel	2205	Open-End Knock-Out Warrants	Gold	3,921	12
FRBNPP01R443	BNP Paribas	2210	Mini-Futures	CAC 40	3,583	160
NL0014321853	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,518	272
FRBNPP01MNF6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	3,406	902
NL0014592909	BNP Paribas	2100	Warrants	Crédit Agricole	3,266	167
NL0015099060	BNP Paribas	2210	Mini-Futures	Dow Jones Indus. Avg.	3,045	152
NL0014833832	BNP Paribas	2210	Mini-Futures	ICE BRENT	2,888	67
NL0015098930	BNP Paribas	2210	Mini-Futures	ICE BRENT	2,804	79
DE000SB2J2B7	Société Générale	2205	Open-End Knock-Out Warrants	AEX	2,760	123
NL0014320012	BNP Paribas	2210	Mini-Futures	AEX	2,713	771
NL0015097569	BNP Paribas	2210	Mini-Futures	Gold	2,654	186
NL0015285859	ING	2100	Warrants	Euro STOXX 50 ETFs	2,654	434
NL0014174278	BNP Paribas	2100	Warrants	CAC 40	2,592	137
FRBNPP01JQV2	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,537	226
DE000SB3FSC7	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	2,520	12
FRBNPP01MND1	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,510	223
DE000SB2LH84	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	2,294	23
DE000SB1BLE1	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	2,286	25
DE000SB2JBJ2	Société Générale	2205	Open-End Knock-Out Warrants	AEX	2,286	188
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	2,245	146
DE000SB3Q594	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	2,204	22
NL0014433351	ING	2100	Warrants	Euro STOXX 50 ETFs	2,187	257
NL0015450842	BNP Paribas	2210	Mini-Futures	AEX	2,155	443
FRBNPP01PEW3	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,149	434
FRBNPP01FIW5	BNP Paribas	2210	Mini-Futures	CAC 40	2,141	76
DE000VE71E09	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	2,130	184
NL0015088618	BNP Paribas	2210	Mini-Futures	Gold	2,099	88
DE000VP37995	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	2,030	498
DE000KB0W760	Citi	2205	Open-End Knock-Out Warrants	CAC 40	2,018	46
FRBNPP01IUZ7	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,924	268
DE000SB26BD2	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	1,910	32
DE000VE22DJ2	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	1,890	668
NL0015363250	Goldman Sachs	2210	Mini-Futures	AEX	1,738	9
NL0011539267	BNP Paribas	2205	Open-End Knock-Out Warrants	Heineken	1,697	40
DE000SB3FSB9	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	1,651	21
FRBNPP01P9G1	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,644	115
DE000KB4UXZ3	Citi	2210	Mini-Futures	CAC 40	1,575	532
FRBNPP01DSV1	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,561	124
FRBNPP01JMO6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,560	431
NL0014320020	BNP Paribas	2210	Mini-Futures	AEX	1,524	258
FRBNPP01JJF0	BNP Paribas	2210	Mini-Futures	Air Liquide	1,500	42
NL0015450339	BNP Paribas	2210	Mini-Futures	Gold	1,494	88

(Source Euronext)



# Euroclear Belgium Instruments

# ISSUERS

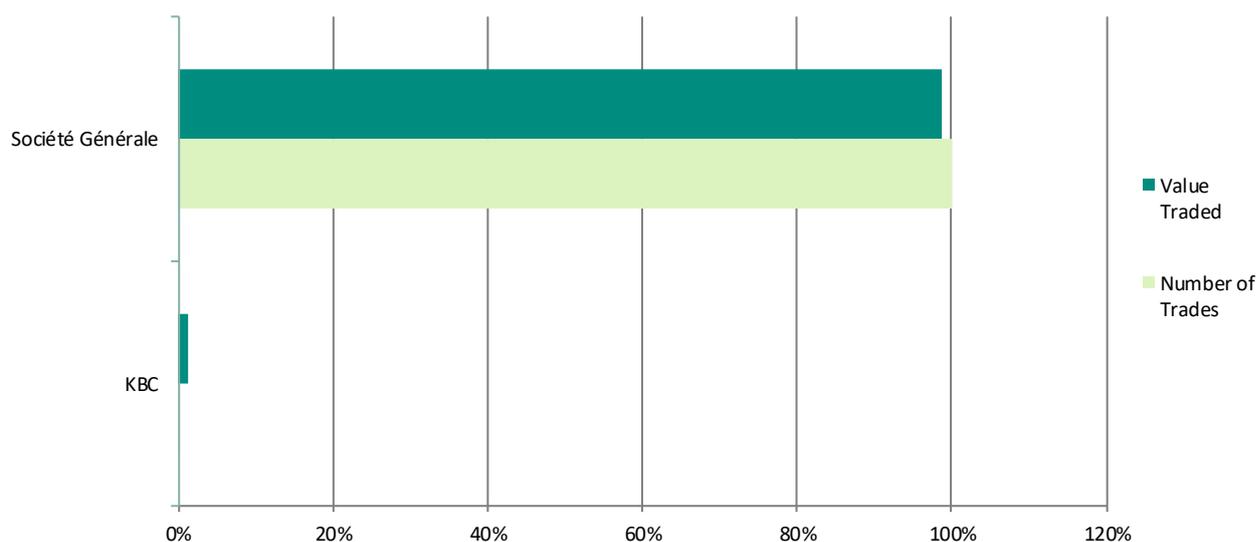
## Market Overview

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	506	45%	136%	98.7%	223	33.5%	120.7%	100.0%
KBC	7	-53%	-97%	1.3%	0.0	-76.1%	-97.4%	0.0%
Total	512	41.4%	-30.2%	100%	223	33.3%	-8.8%	100%

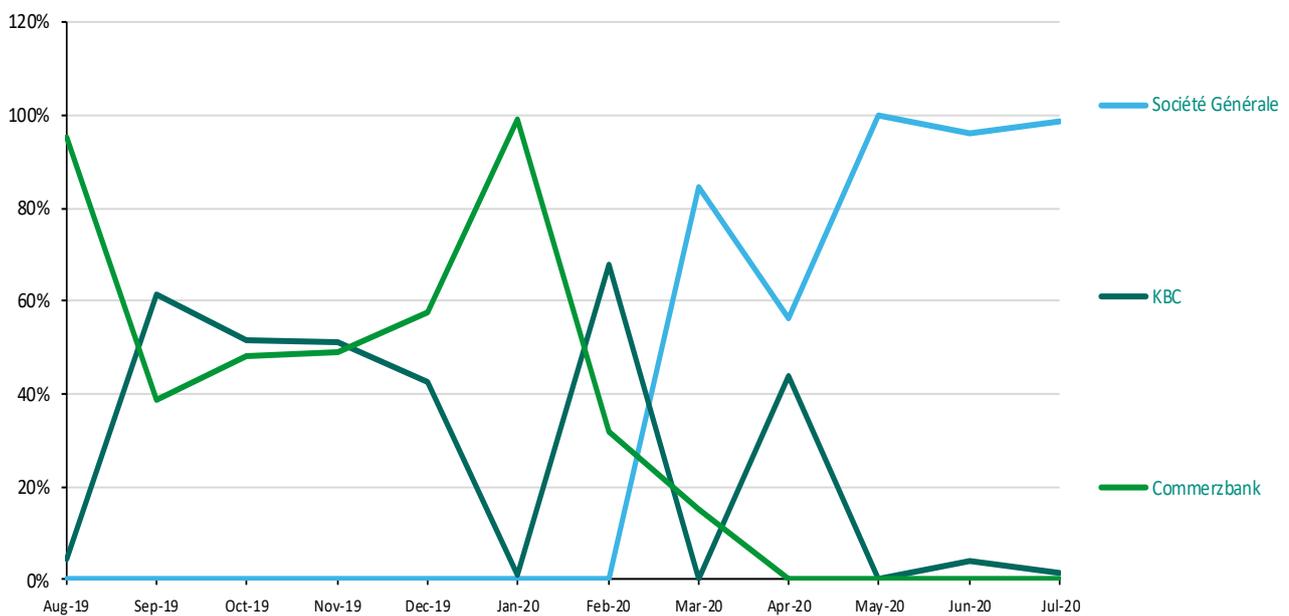
(Source Euronext)



# ISSUERS

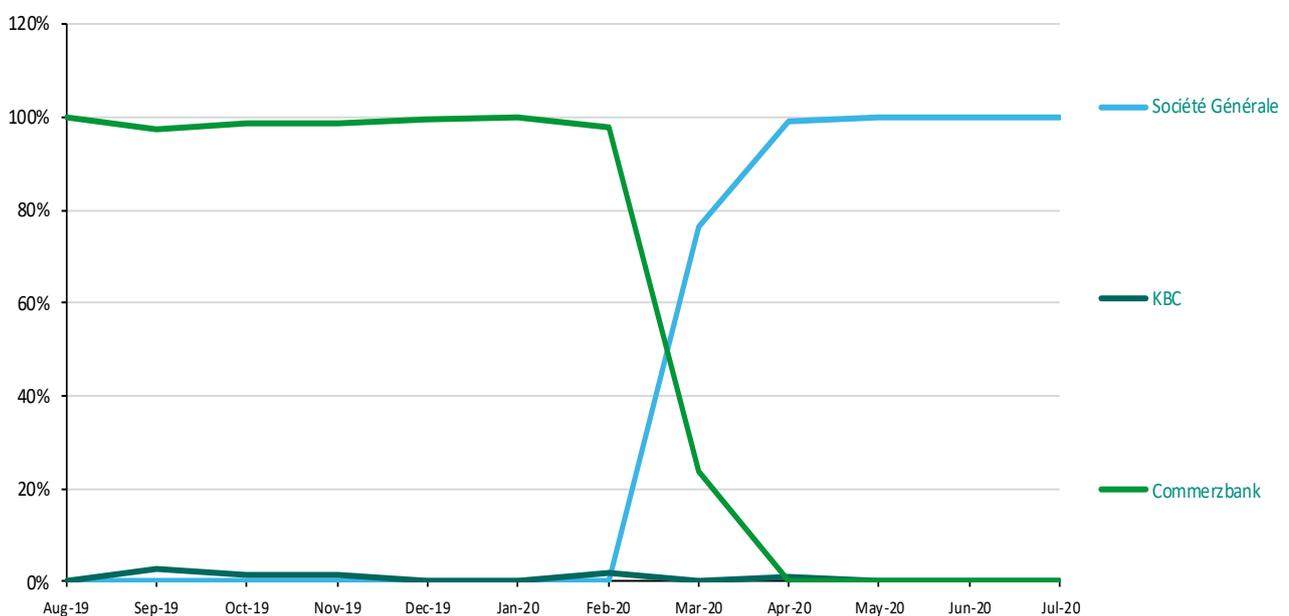
## Market Trend: Value traded

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

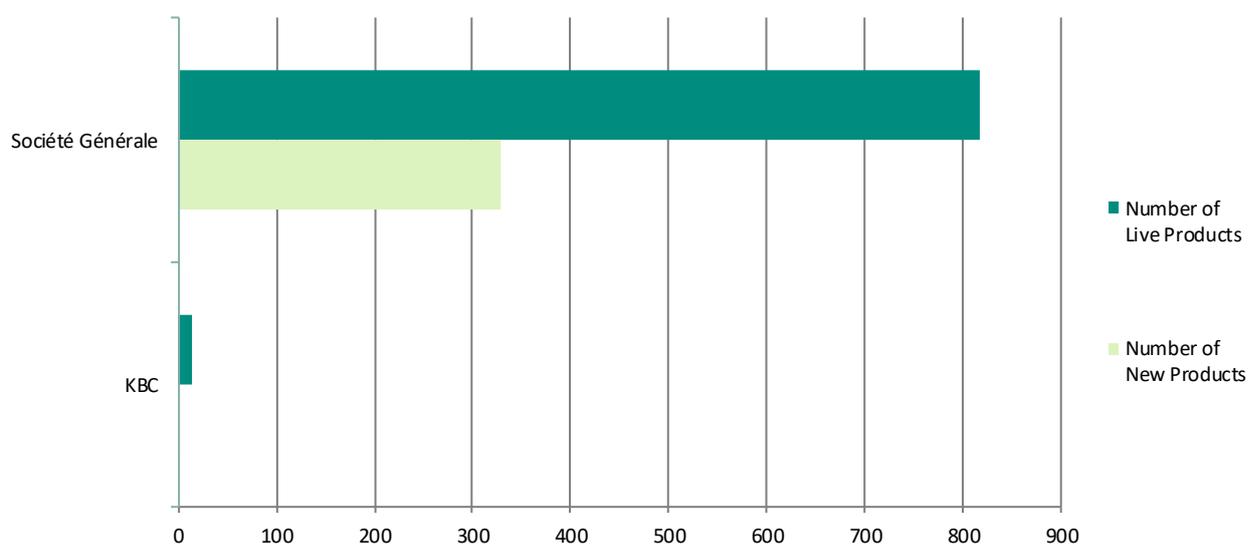
## Product Overview

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	818	-0.8%	170%	98.4%	328	-15.9%	68%	99.7%
KBC	13	-17.7%	-47%	1.6%	1	0.0%	-48%	0.3%
Total	831	-1.1%	3.0%	100%	329	-15.9%	-3.4%	100%

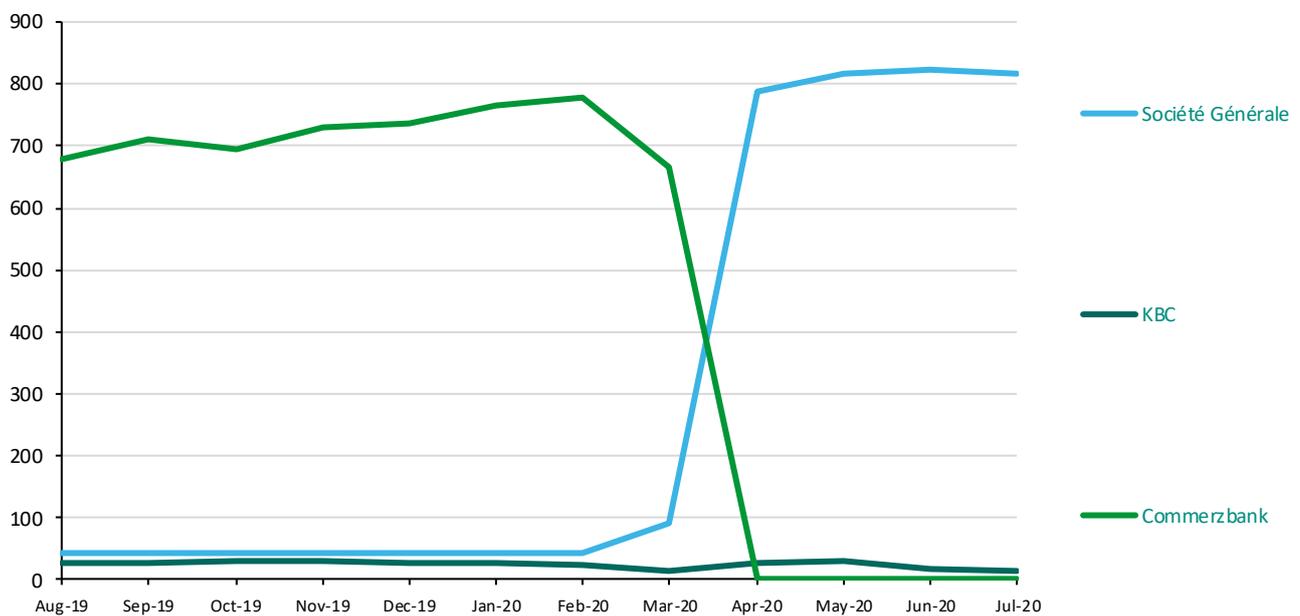
(Source Euronext)



# ISSUERS

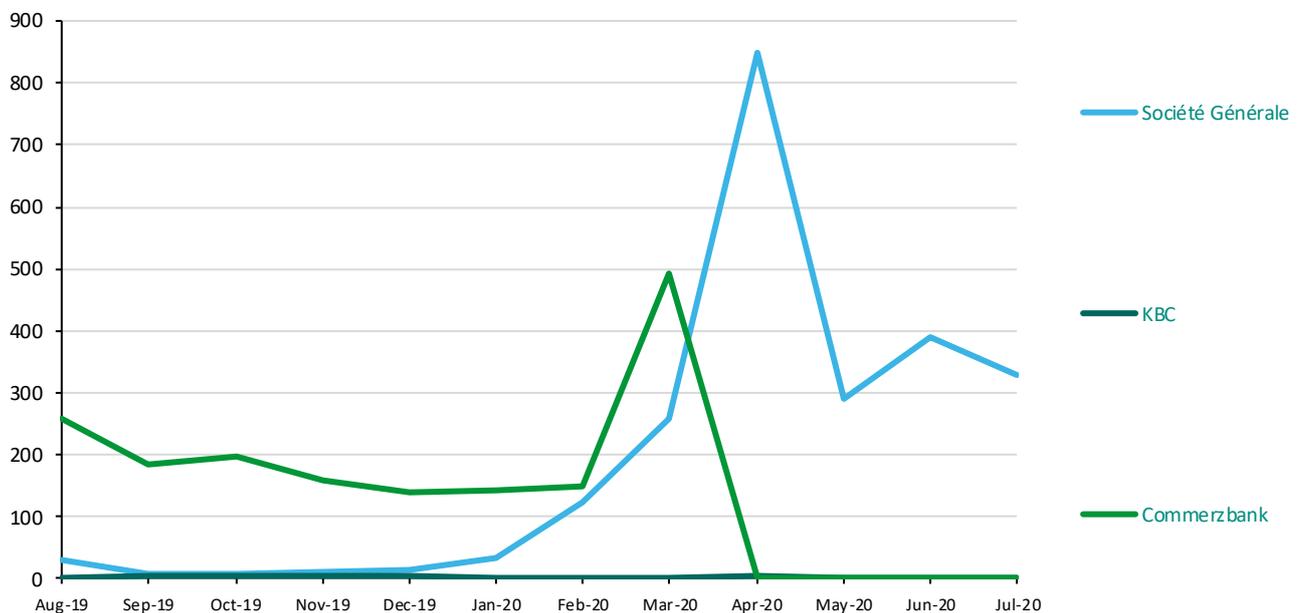
## Product Trend: Number of Live Products

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)

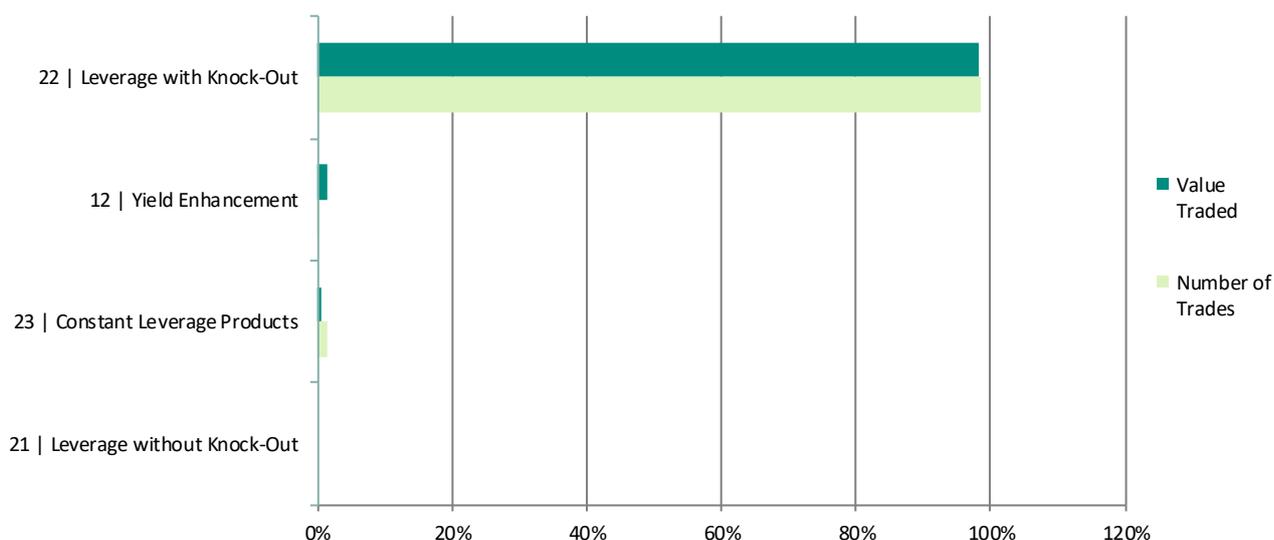
## Market Overview

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	504	47%	9.4%	98.3%	220	37.1%	-5.9%	98.6%
12   Yield Enhancement	7	-53%	-97%	1.3%	0.0	-76.1%	-97.2%	0.0%
23   Constant Leverage Products	2	-59%	-80%	0.4%	3.0	-54.8%	-66.7%	1.3%
21   Leverage without Knock-Out	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>512</b>	<b>41.4%</b>	<b>-30.2%</b>	<b>100%</b>	<b>223</b>	<b>33.3%</b>	<b>-8.8%</b>	<b>100%</b>

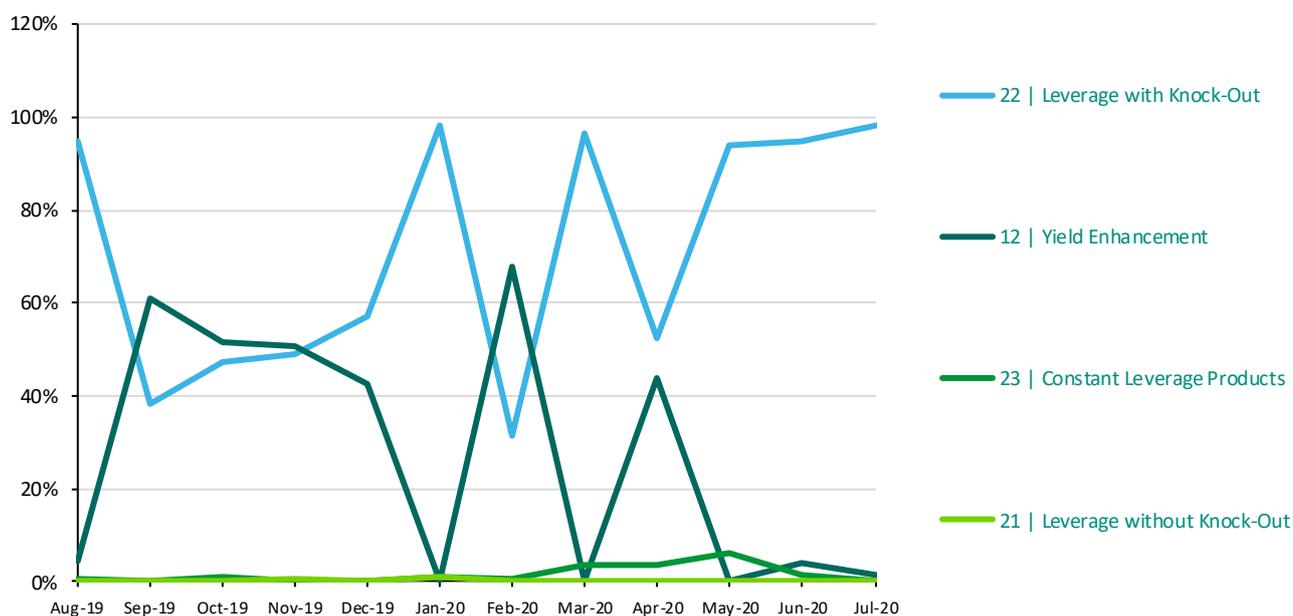
(Source Euronext)



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

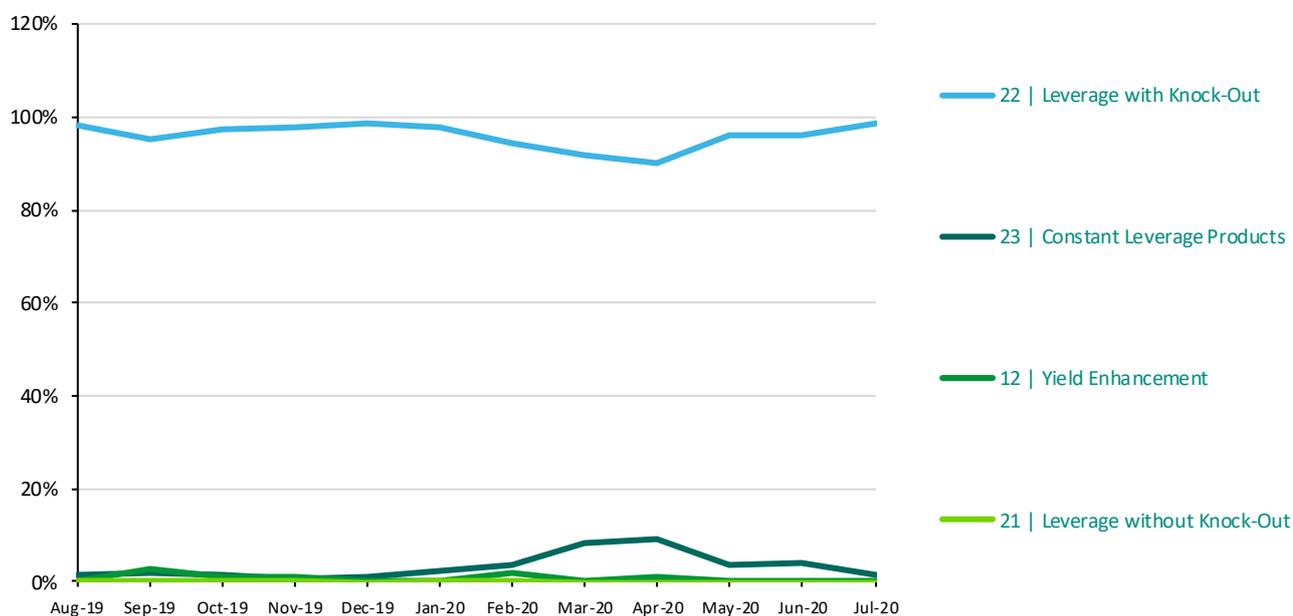
## Market Trend: Value traded

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

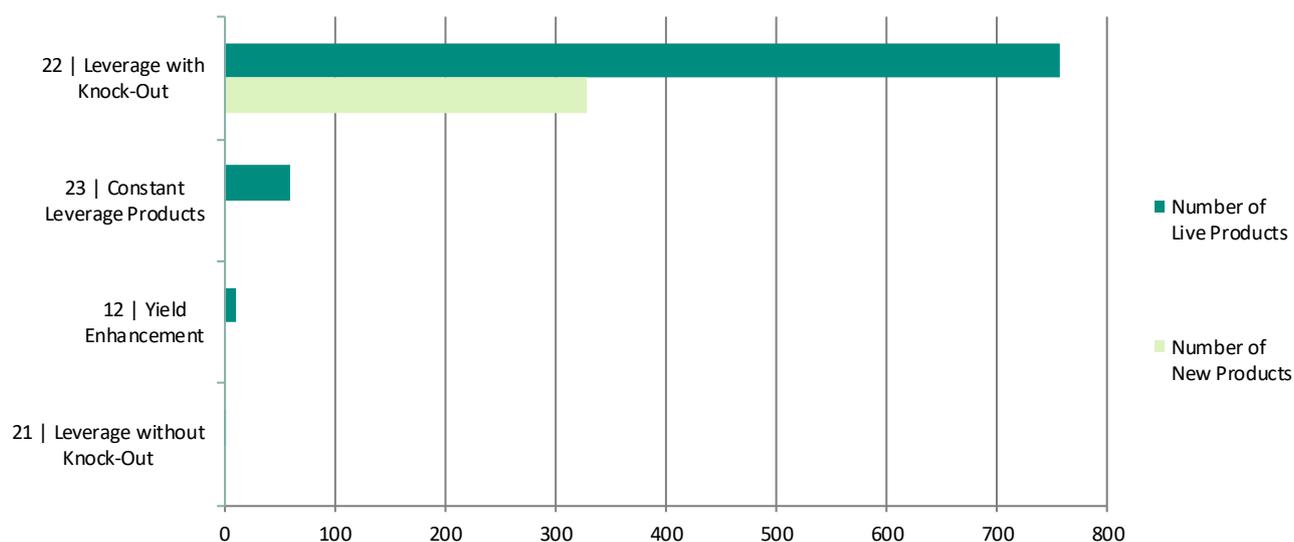
### Product Overview

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	758	3.3%	11.9%	91.2%	328	-15.9%	-2.5%	99.7%
23   Constant Leverage Products	60	-34%	-43%	7.2%	0		-100%	0.0%
12   Yield Enhancement	11	-2.8%	6.2%	1.3%	0		-100%	0.0%
21   Leverage without Knock-Out	2	-56%	-86%	0.2%	1	0.0%	0.0%	0.3%
<b>Total</b>	<b>831</b>	<b>-1.1%</b>	<b>3.0%</b>	<b>100%</b>	<b>329</b>	<b>-15.9%</b>	<b>-3.4%</b>	<b>100%</b>

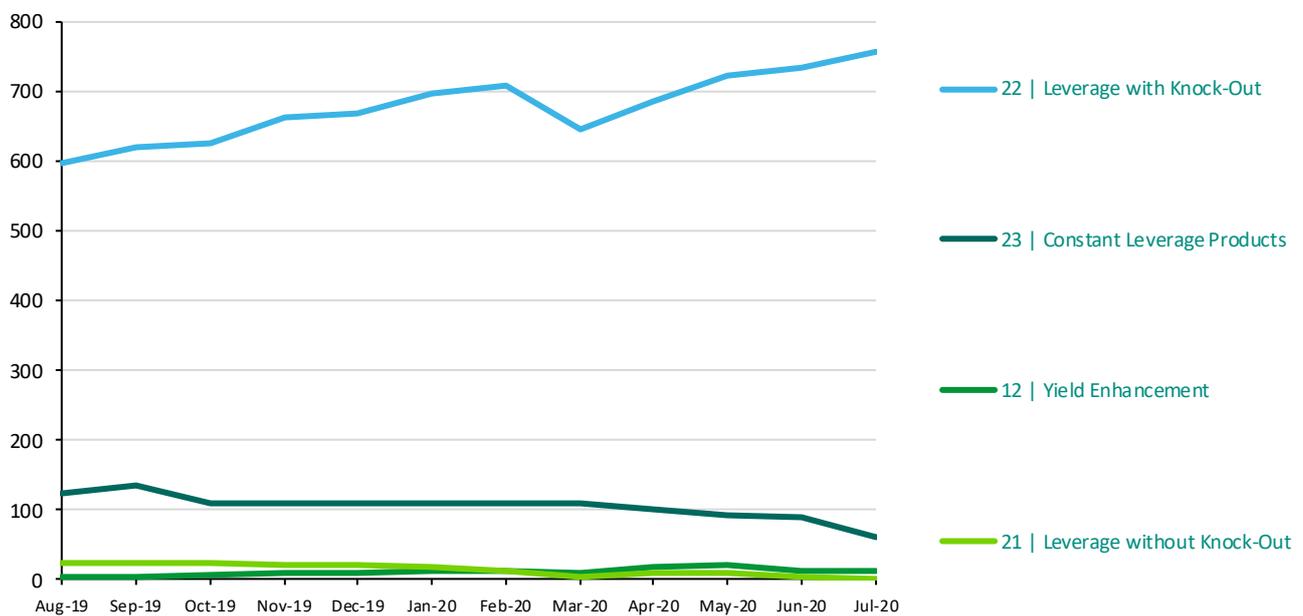
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

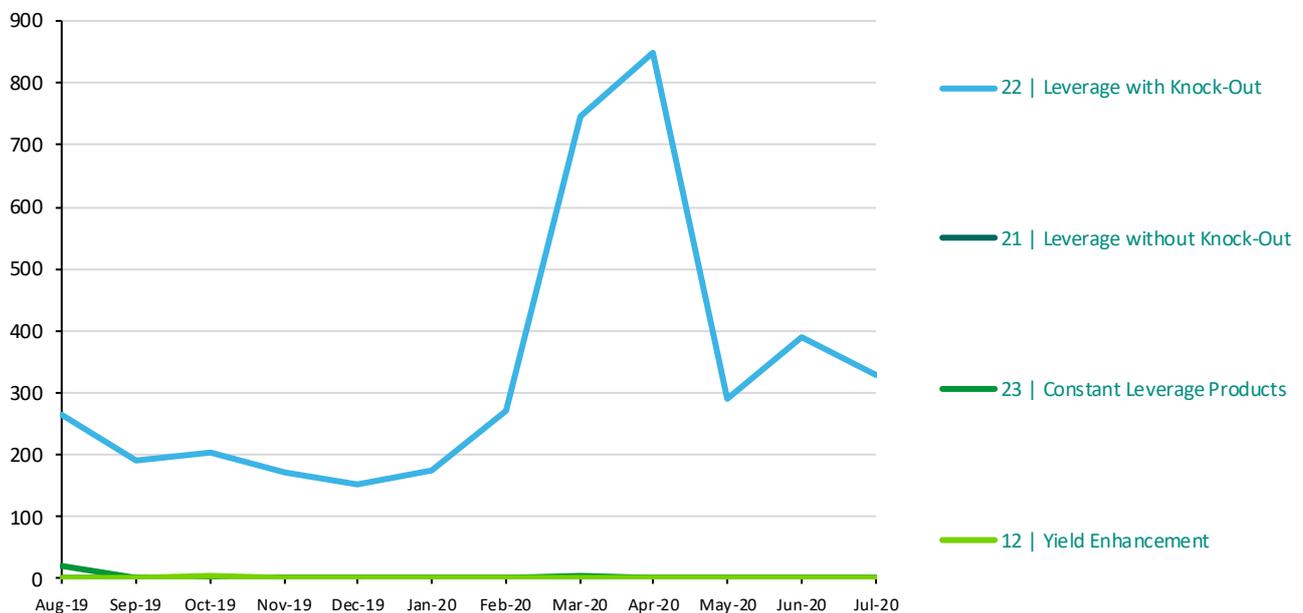
## Product Trend: Number of Live Products

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

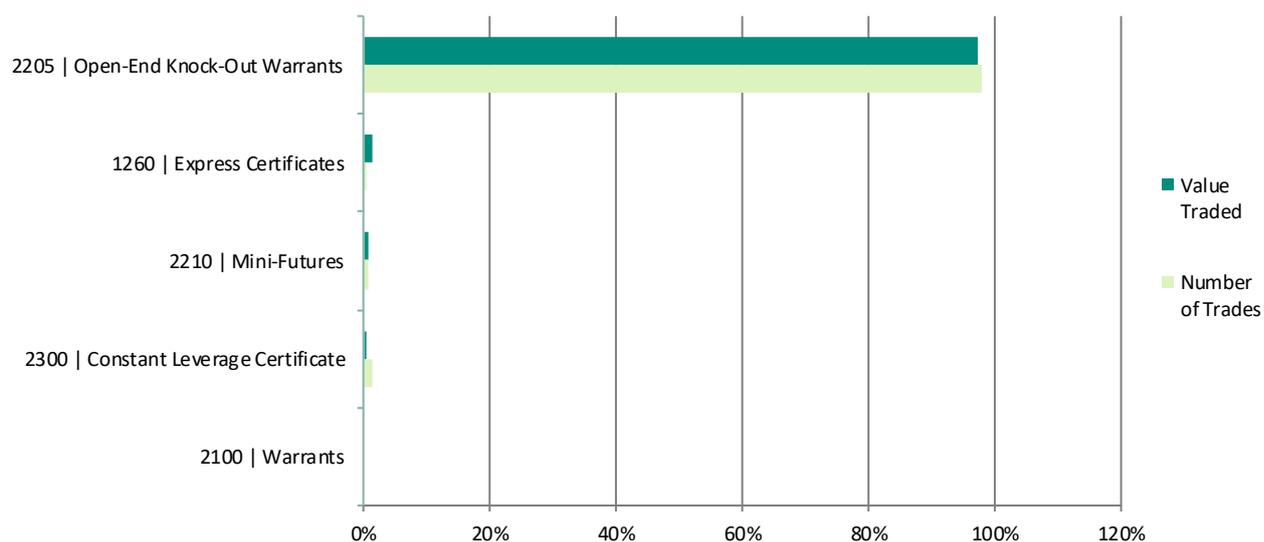
### Market Overview

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	500	47%	10.1%	97.5%	219	36.9%	-5.4%	98.0%
1260   Express Certificates	7	-53%	-97%	1.3%	0.0	-76%	-97%	0.0%
2210   Mini-Futures	4	45%	-39%	0.8%	1.4	80%	-48%	0.6%
2300   Constant Leverage Certificate	2	-59%	-80%	0.4%	3.0	-55%	-67%	1.3%
2100   Warrants	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>512</b>	<b>41.4%</b>	<b>-30.2%</b>	<b>100%</b>	<b>223</b>	<b>33.3%</b>	<b>-8.8%</b>	<b>100%</b>

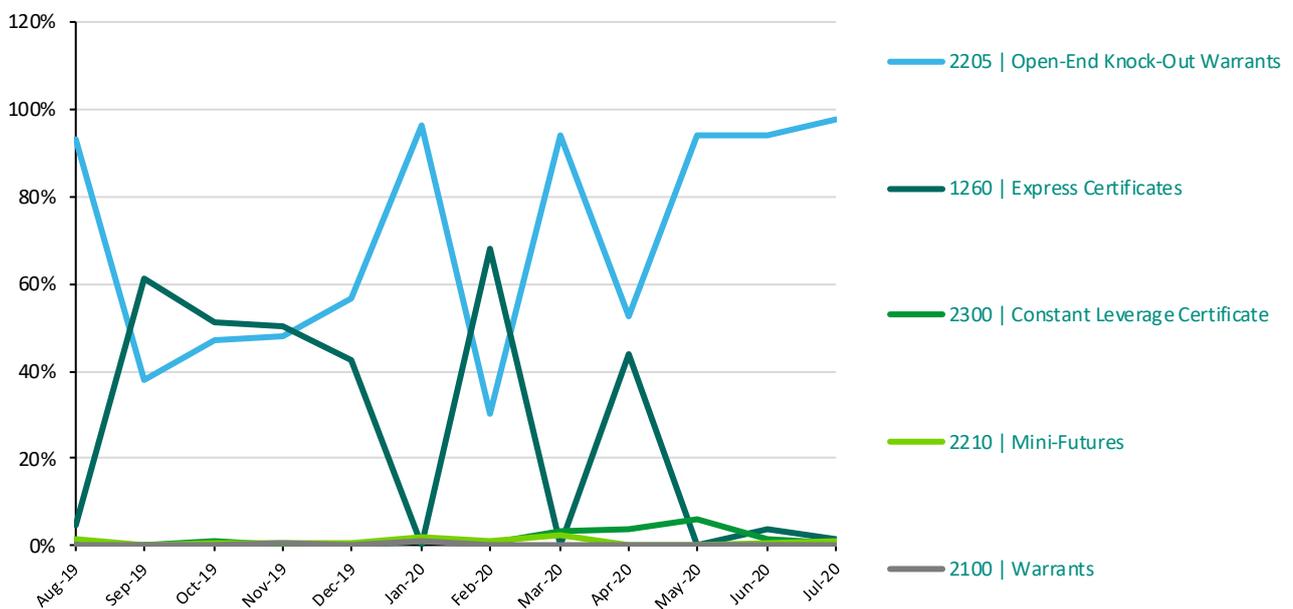
(Source Euronext)



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

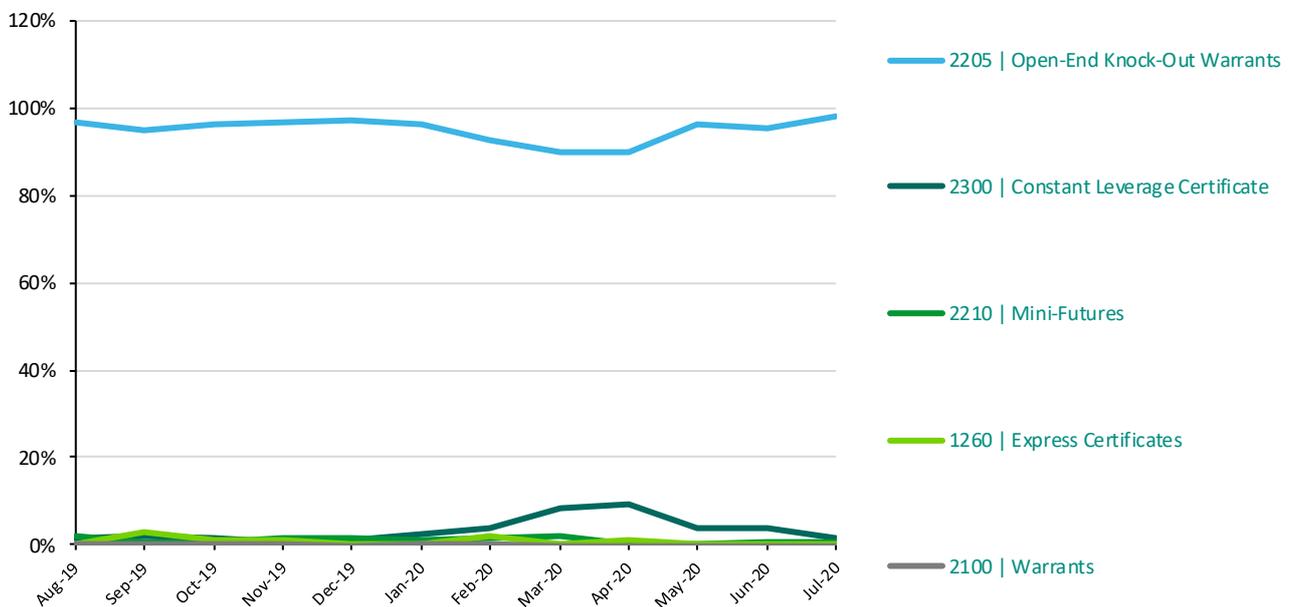
## Market Trend: Value traded

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

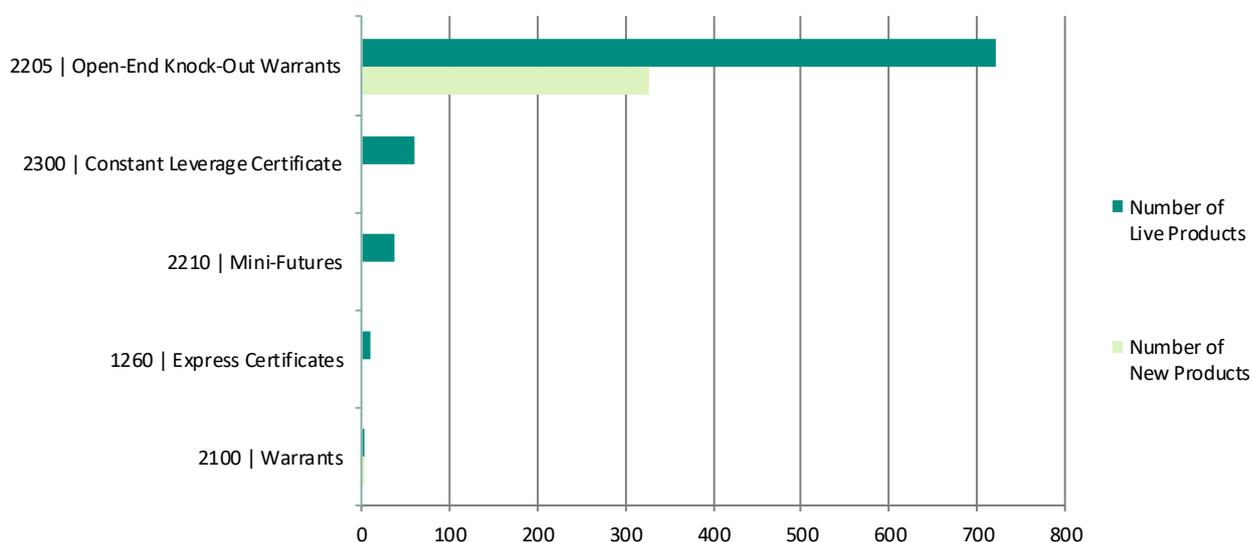
## Product Overview

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	721	3.6%	14.9%	86.7%	328	-15.2%	3.0%	99.7%
2300   Constant Leverage Certificate	60	-34%	-43%	7.2%	0		-100%	0.0%
2210   Mini-Futures	37	-1.3%	-25%	4.5%	0	-100%	-100%	0.0%
1260   Express Certificates	11	-2.8%	6.2%	1.3%	0		-100%	0.0%
2100   Warrants	2	-56%	-86%	0.2%	1	0.0%	0.0%	0.3%
<b>Total</b>	<b>831</b>	<b>-1.1%</b>	<b>3.0%</b>	<b>100%</b>	<b>329</b>	<b>-15.9%</b>	<b>-3.4%</b>	<b>100%</b>

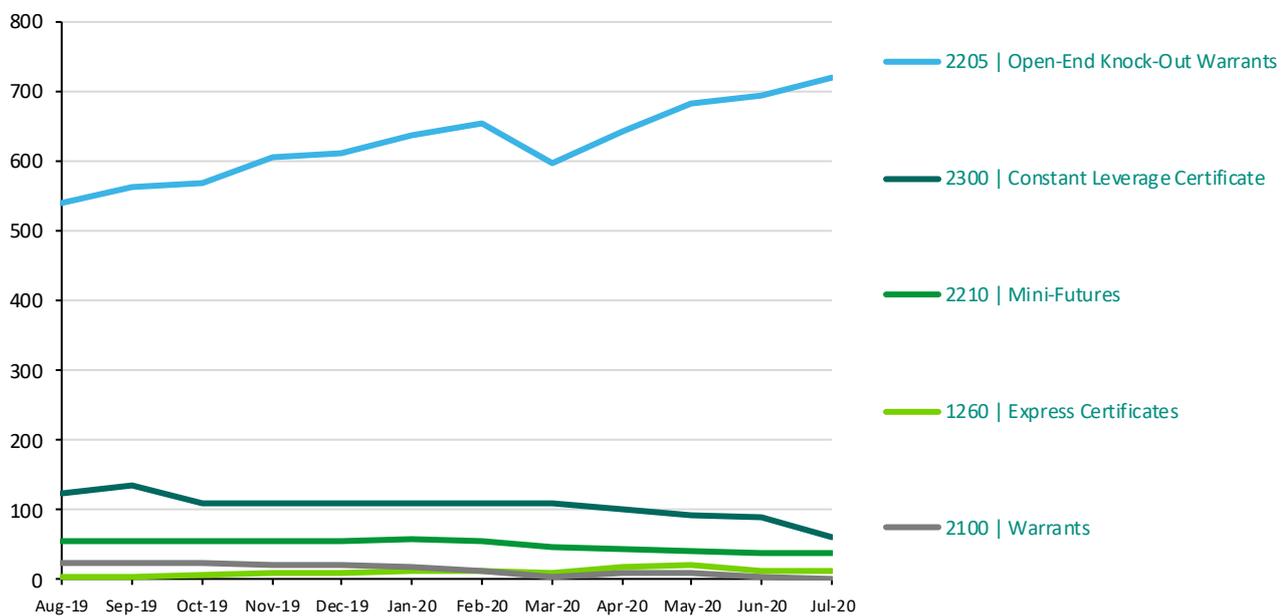
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# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

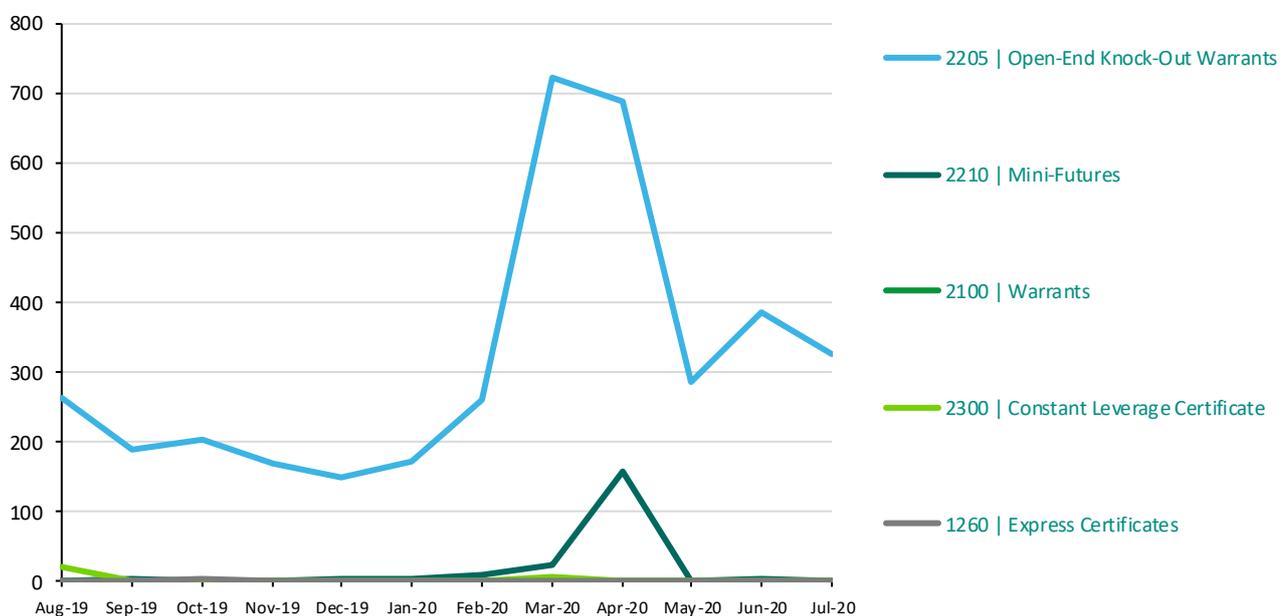
## Product Trend: Number of Live Products

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

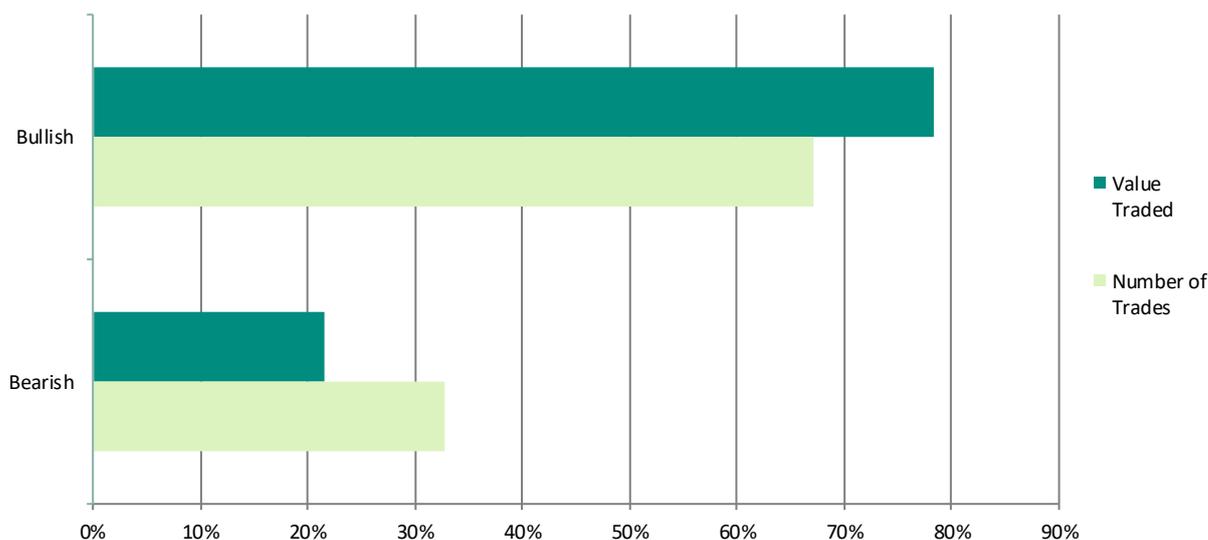
## Market Overview

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	401	41%	-28%	78.4%	150	38.4%	3.6%	67.2%
Bearish	111	44%	-38%	21.6%	73	24%	-27%	32.8%
Total	512	41.4%	-30.2%	100%	223	33.3%	-8.8%	100%

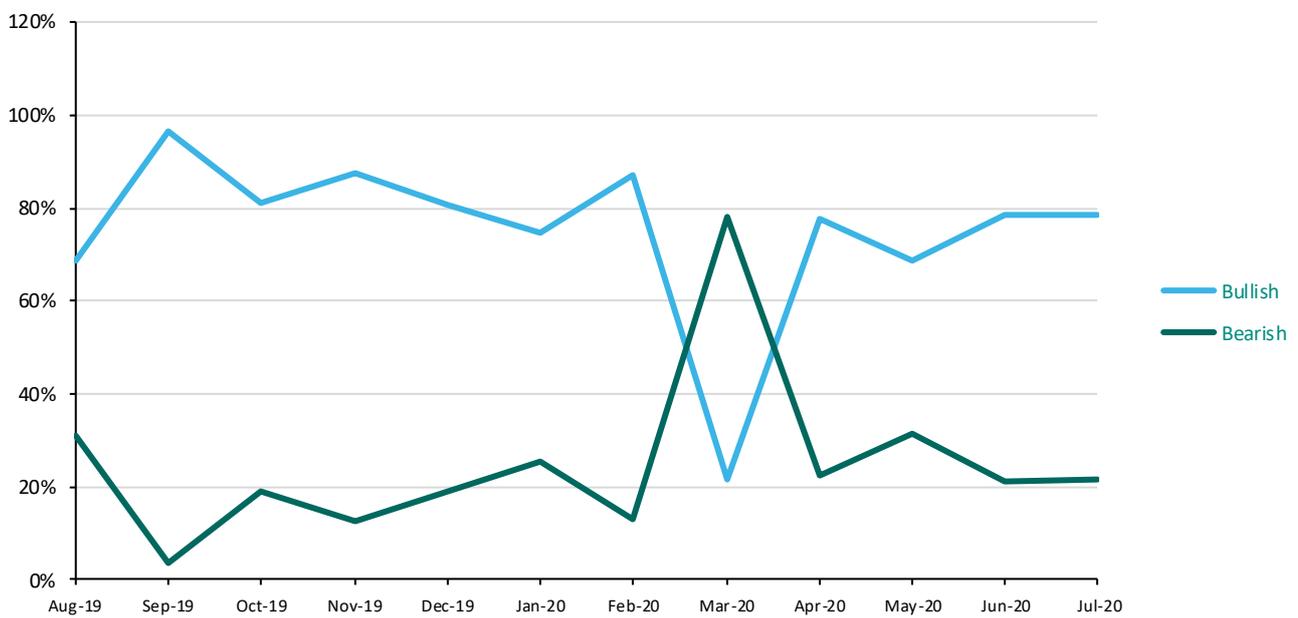
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# PRODUCT STRATEGIES

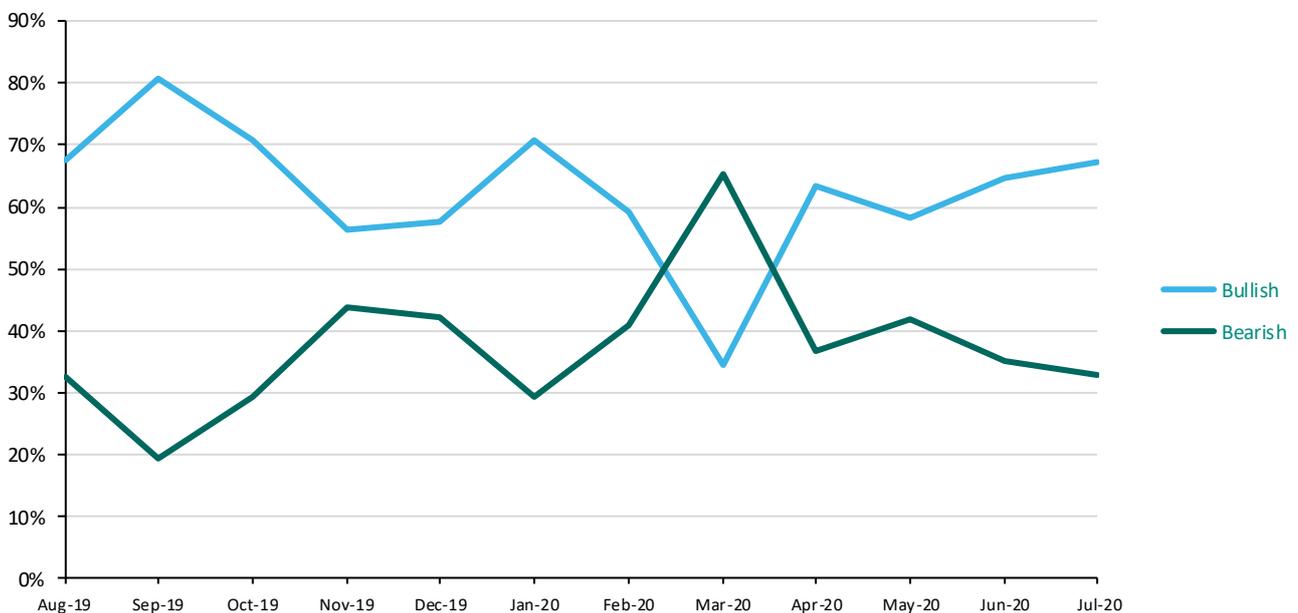
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

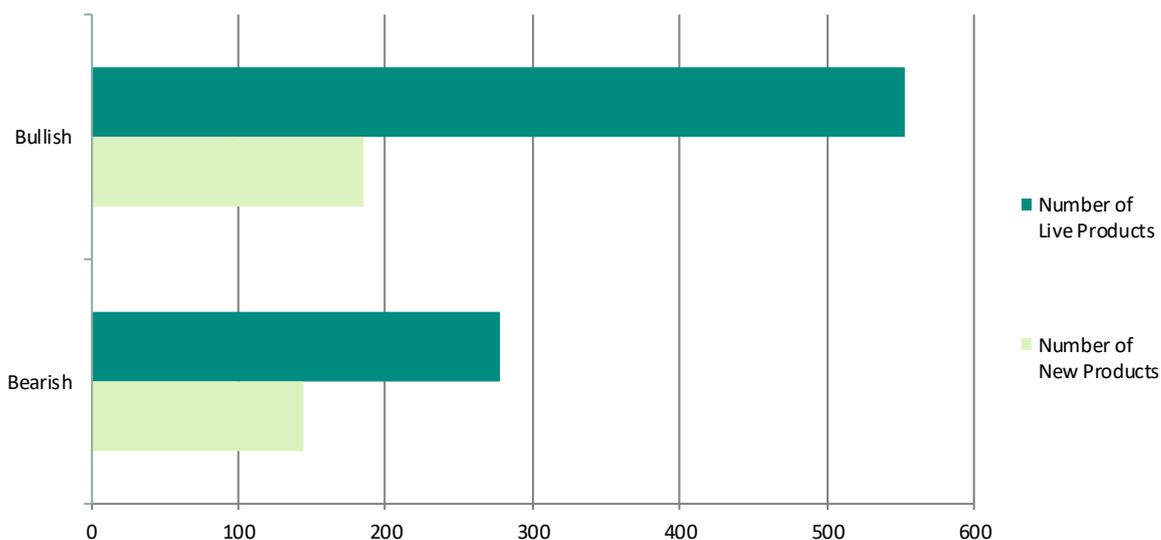
## Product Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	554	4.5%	5.9%	66.6%	185	-21%	-8.9%	56.2%
Bearish	278	-10.7%	-2.3%	33.4%	144	-8.9%	4.7%	43.8%
Total	831	-1.1%	3.0%	100%	329	-15.9%	-3.4%	100%

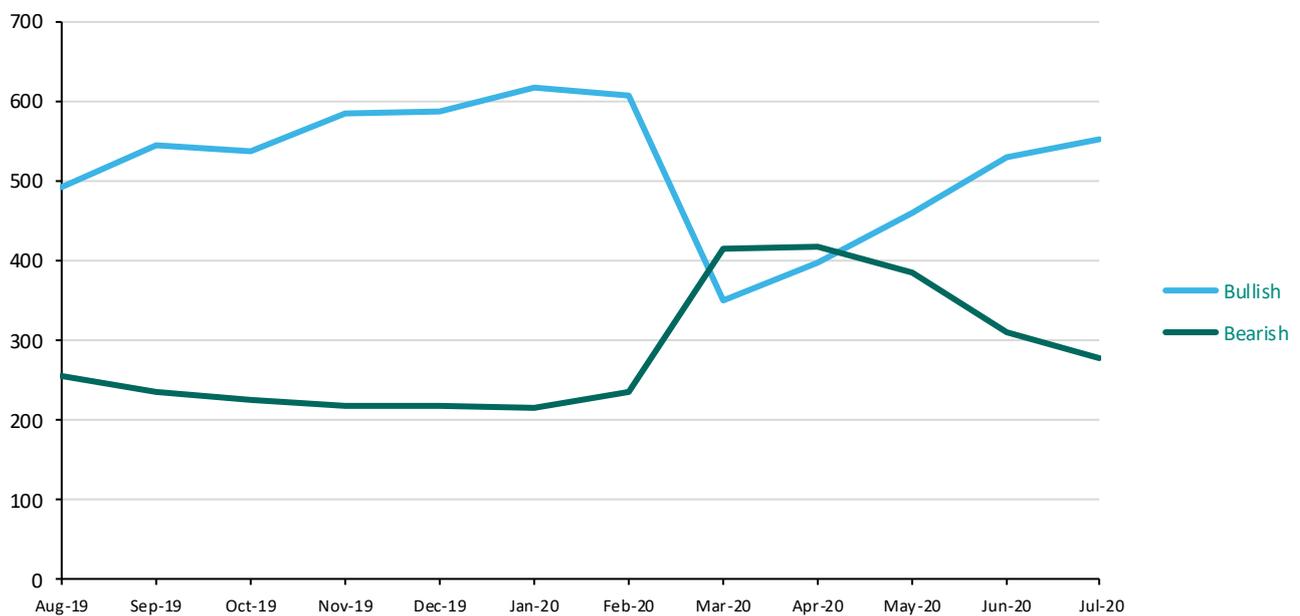
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# PRODUCT STRATEGIES

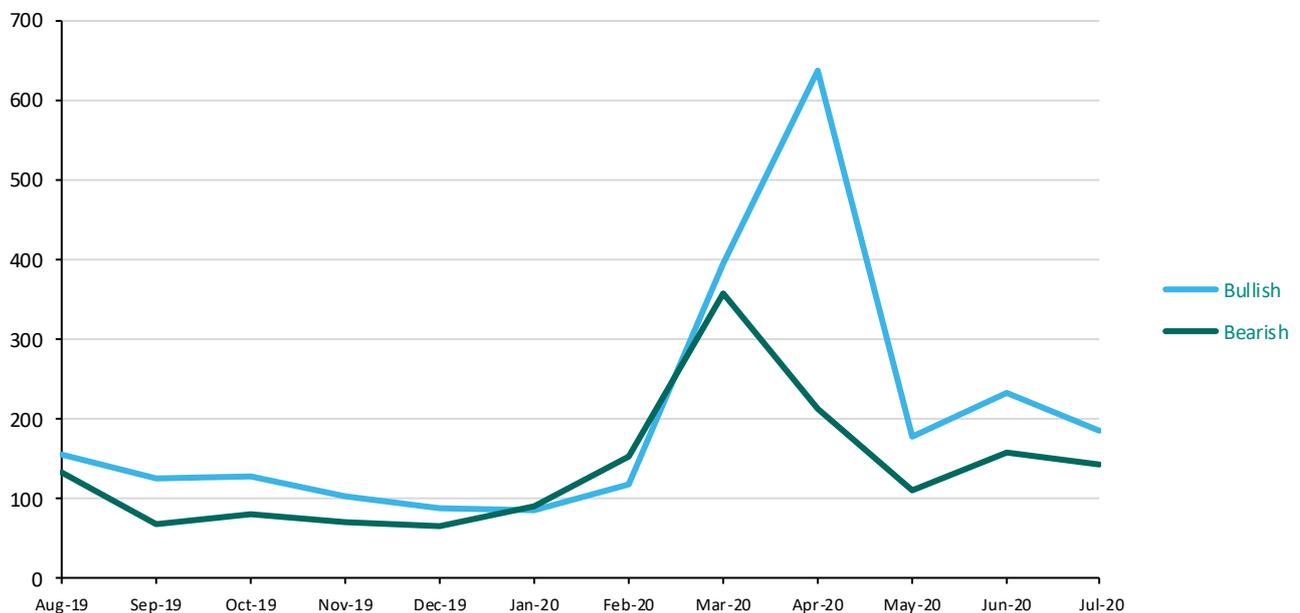
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



## UNDERLYING TYPES

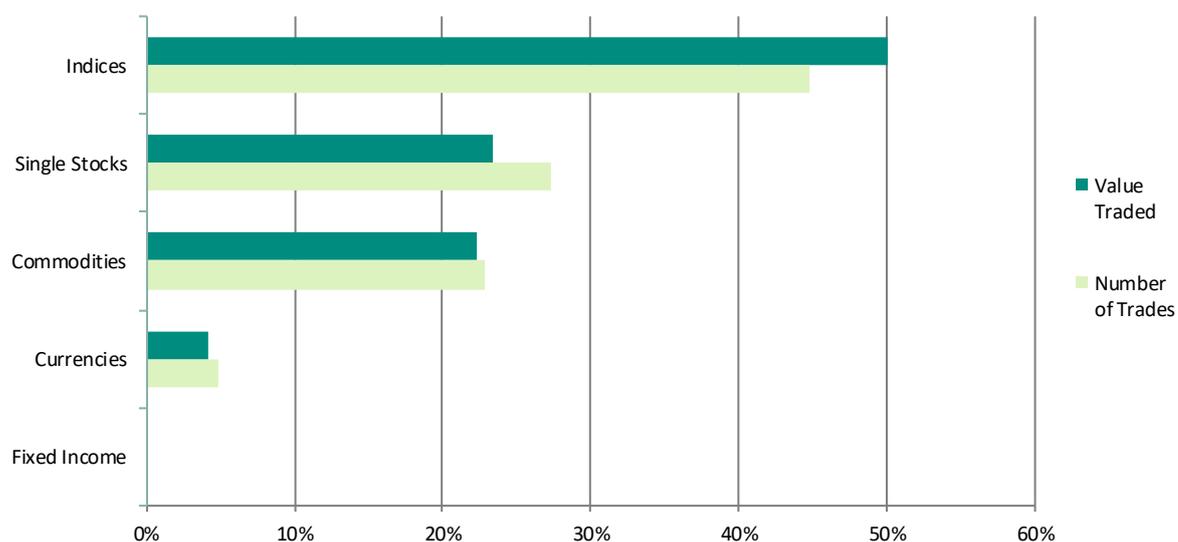
### Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear Belgium instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	257	34%	-53%	50.1%	100	16.4%	-37.1%	44.9%
Single Stocks	120	-12.3%	38%	23.4%	61	-2.0%	7.9%	27.4%
Commodities	114	333%	150%	22.3%	51	382.8%	109.7%	22.9%
Currencies	21	426%	539%	4.2%	11	28.9%	165.2%	4.8%
Fixed Income	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>512</b>	<b>41.4%</b>	<b>-30.2%</b>	<b>100%</b>	<b>223</b>	<b>33.3%</b>	<b>-8.8%</b>	<b>100%</b>

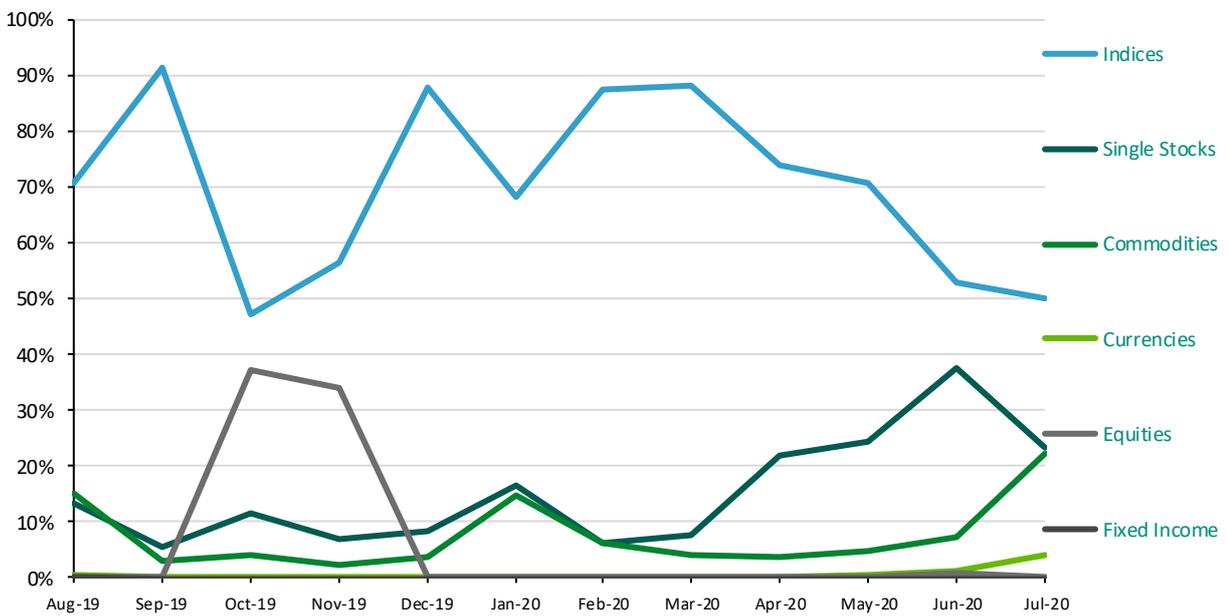
(Source Euronext)



# UNDERLYING TYPES

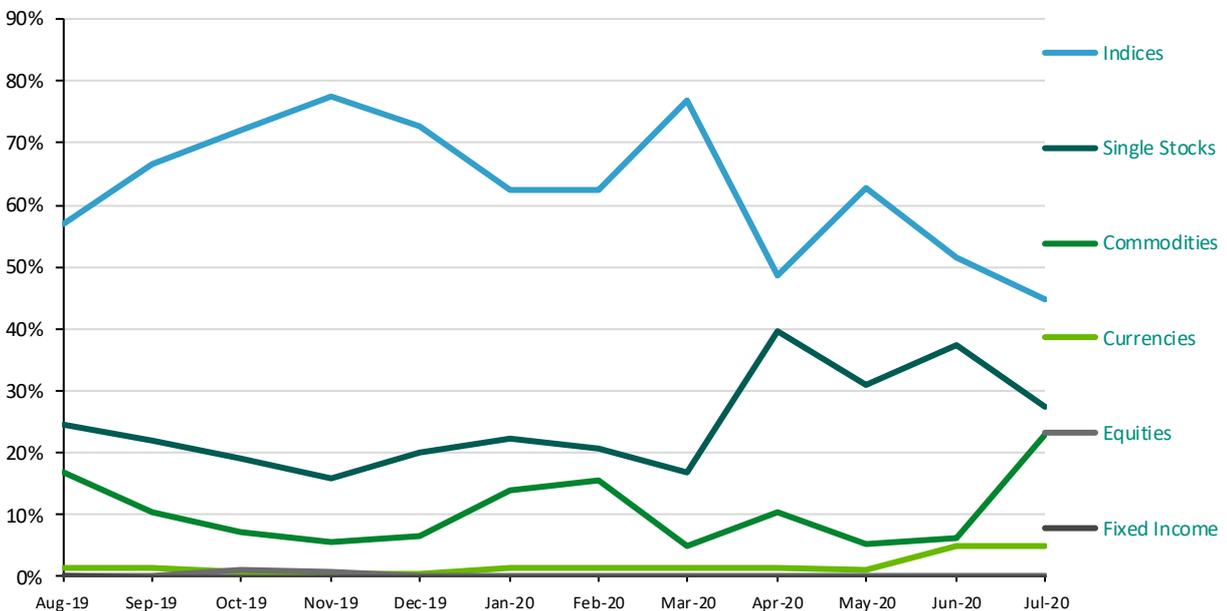
## Market Trend: Value traded

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

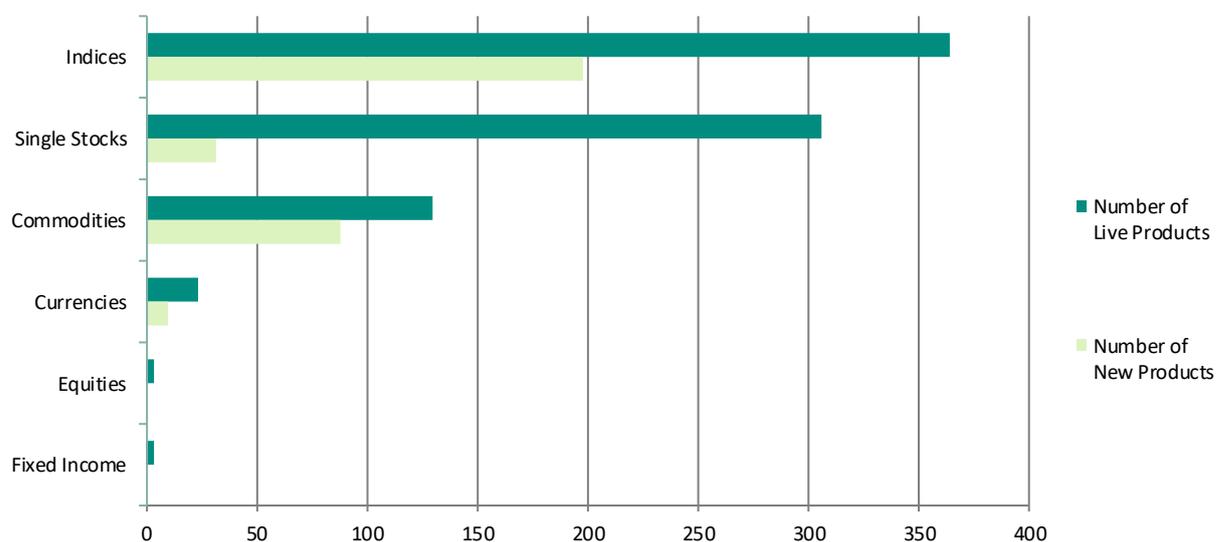
### Product Overview

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	365	-1.1%	-0.4%	43.8%	198	-21%	2.7%	60.2%
Single Stocks	306	-2.8%	0.6%	36.9%	32	-59%	-57%	9.7%
Commodities	130	5.0%	24%	15.6%	88	73%	33%	26.7%
Currencies	24	1.0%	3.2%	2.9%	10	11.1%	56%	3.0%
Equities	4	0.2%	29%	0.5%	0		-100%	0.0%
Fixed Income	3	-48%	-48%	0.4%	0		-100%	0.0%
<b>Total</b>	<b>831</b>	<b>-1.1%</b>	<b>3.0%</b>	<b>100%</b>	<b>329</b>	<b>-15.9%</b>	<b>-3.4%</b>	<b>100%</b>

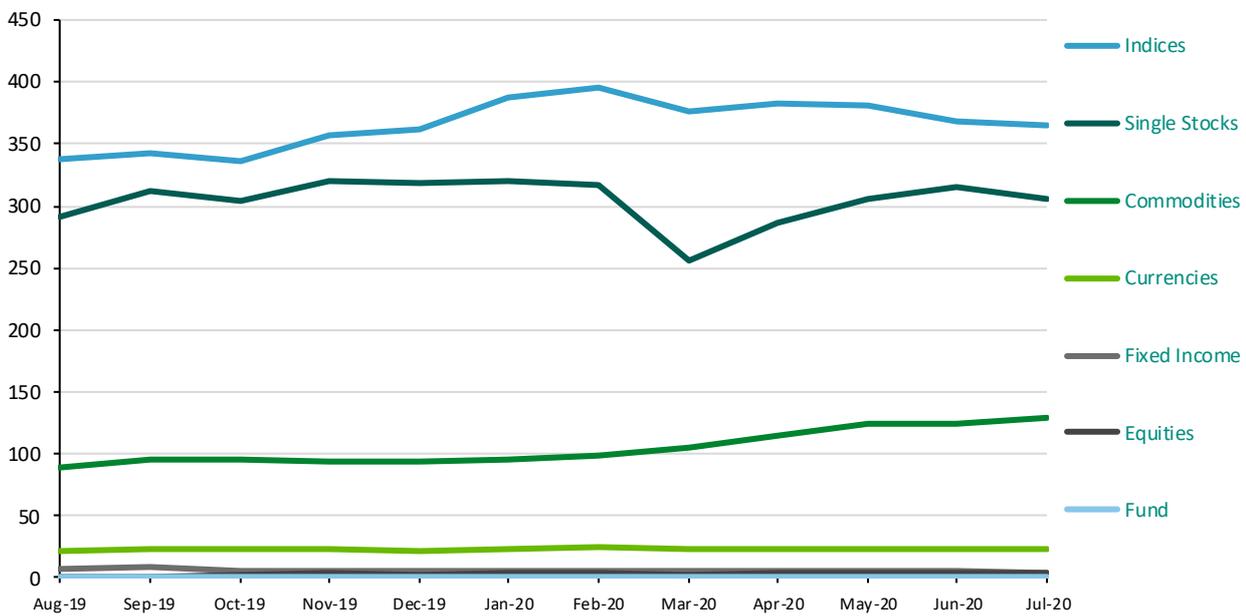
(Source Euronext)



# UNDERLYING TYPES

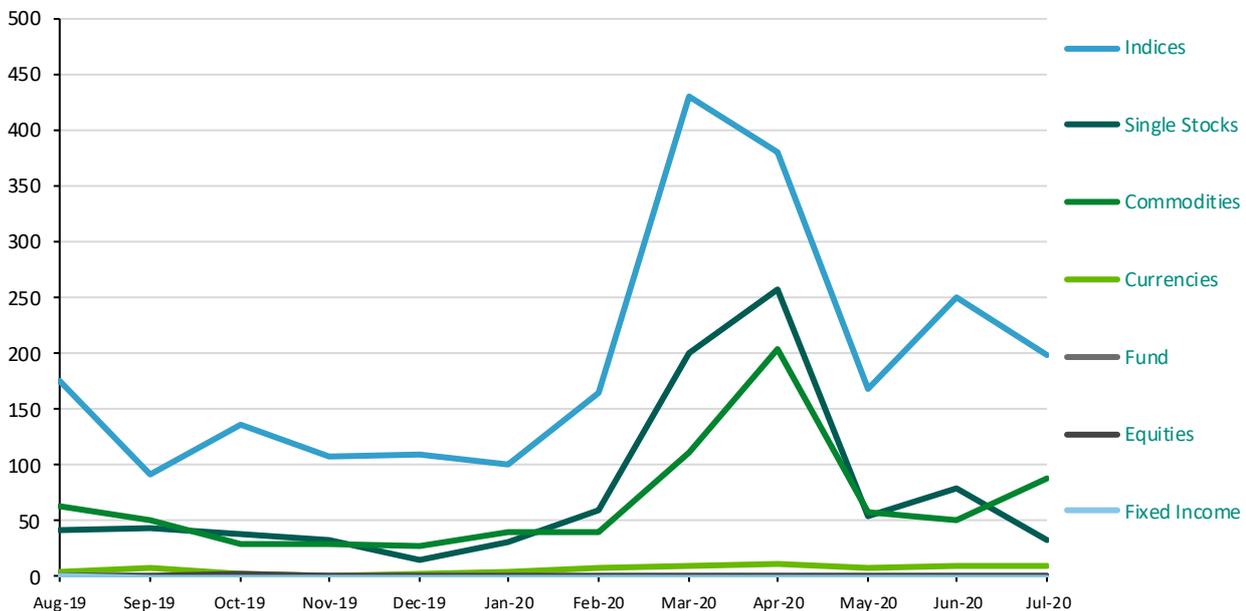
## Product Trend: Number of Live Products

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

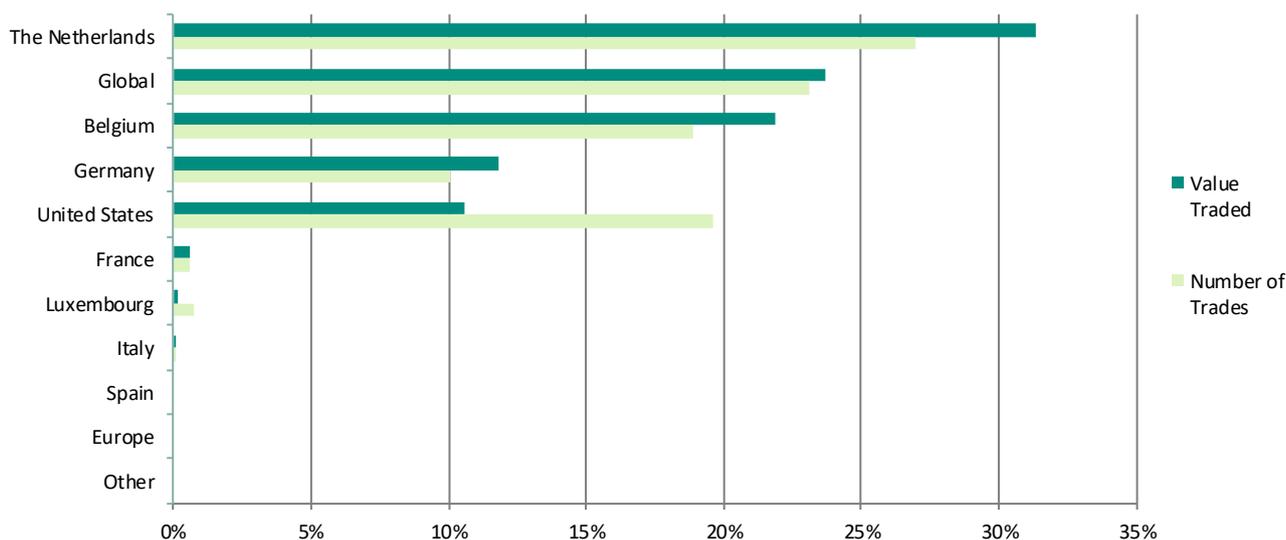
## Market Overview

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
The Netherlands	161	117%	-4.9%	31.3%	60	27.8%	-39.3%	27.0%
Global	121	222%	-31%	23.7%	52	343%	102%	23.1%
Belgium	112	0.2%	52%	21.8%	42	-0.8%	2.9%	18.9%
Germany	60	-34%	-54%	11.8%	22	-37%	-48%	10.1%
United States	54	49%	-24%	10.6%	44	69%	65%	19.6%
France	3	-24%	-65%	0.6%	1.3	-52%	-77%	0.6%
Luxembourg	1	-75%	-74%	0.1%	1.6	-18.0%	-50%	0.7%
Italy	0	-2.6%	-31%	0.0%	0.2	91%	-17.6%	0.1%
Spain	0		-100%	0.0%	0.0		-100%	0.0%
Europe	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>512</b>	<b>41.4%</b>	<b>-30.2%</b>	<b>100%</b>	<b>223</b>	<b>33.3%</b>	<b>-8.8%</b>	<b>100%</b>

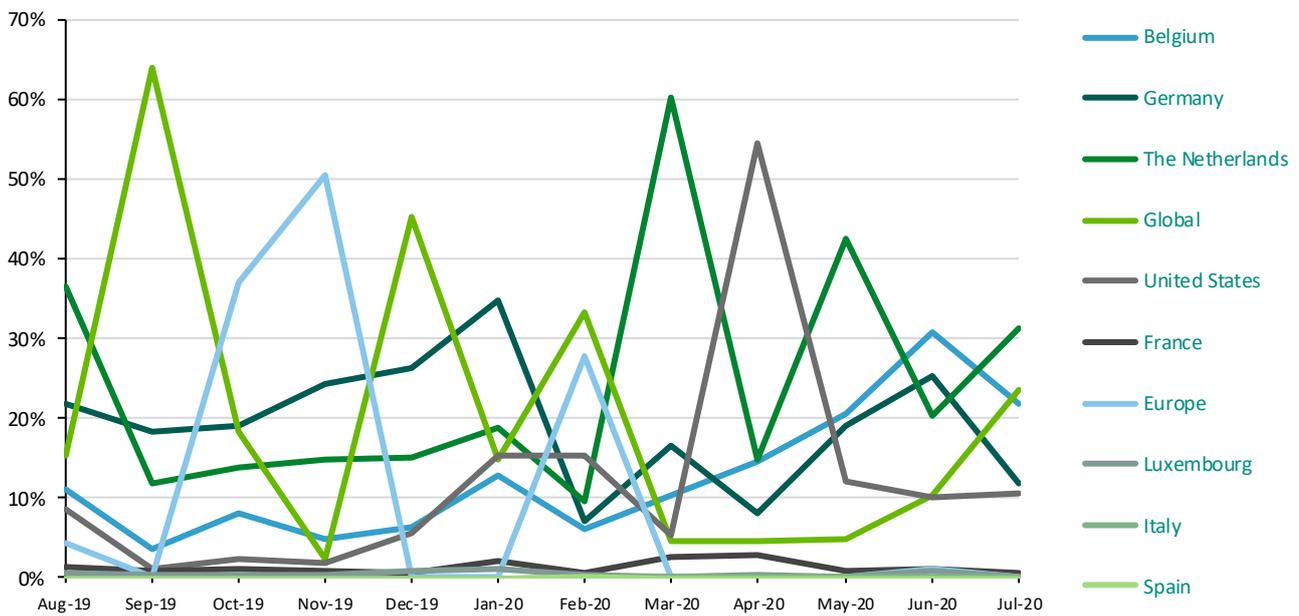
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

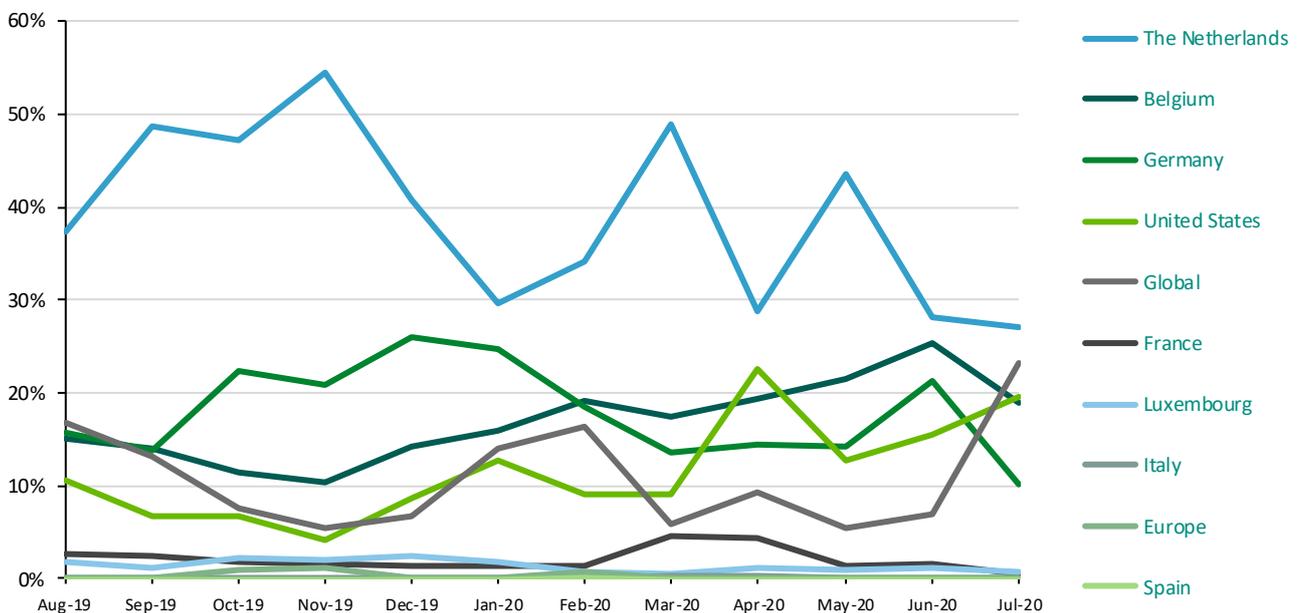
## Market Trend: Value traded

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

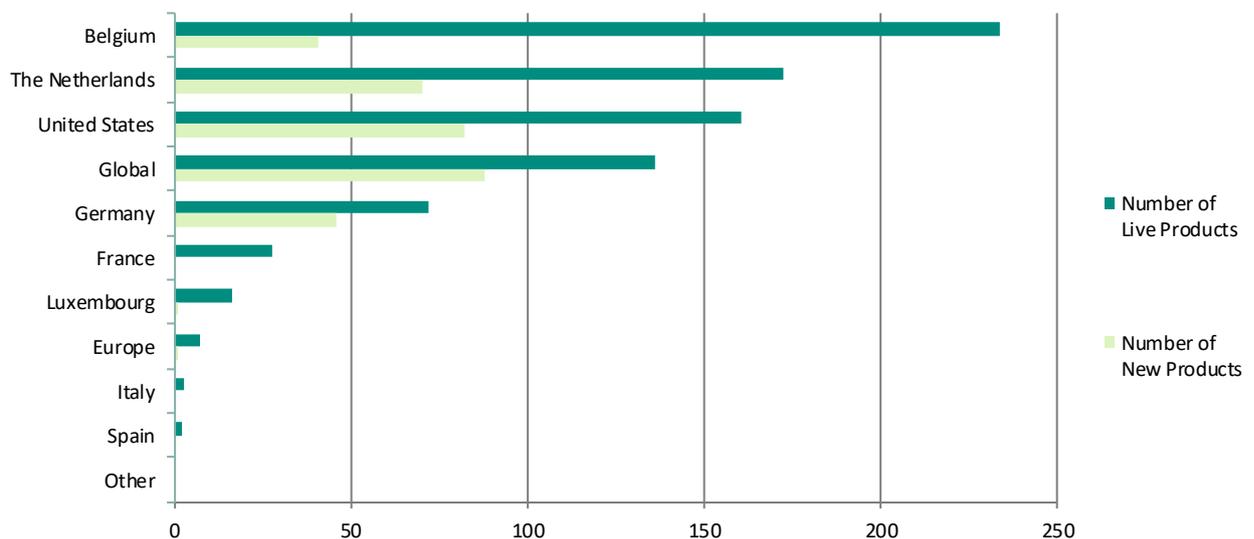
## Product Overview

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	234	1.6%	1.5%	28.1%	41	-46%	-28%	12.5%
The Netherlands	173	-4.2%	-2.4%	20.8%	70	-22%	-12.1%	21.3%
United States	160	2.6%	9.6%	19.3%	82	-18.8%	10.6%	24.9%
Global	136	4.5%	23%	16.4%	88	73%	38%	26.7%
Germany	72	-3.9%	11.1%	8.7%	46	-23%	0.7%	14.0%
France	28	-17.8%	-41%	3.4%	0	-100%	-100%	0.0%
Luxembourg	16	-3.3%	20%	2.0%	1	-80%	-83%	0.3%
Europe	7	-27%	-28%	0.9%	1	0.0%	-40%	0.3%
Italy	3	-26%	-24%	0.4%	0			0.0%
Spain	2	-52%	-50%	0.2%	0		-100%	0.0%
Other	0		-100%	0.0%	0			0.0%
<b>Total</b>	<b>831</b>	<b>-1.1%</b>	<b>3.0%</b>	<b>100%</b>	<b>329</b>	<b>-15.9%</b>	<b>-3.4%</b>	<b>100%</b>

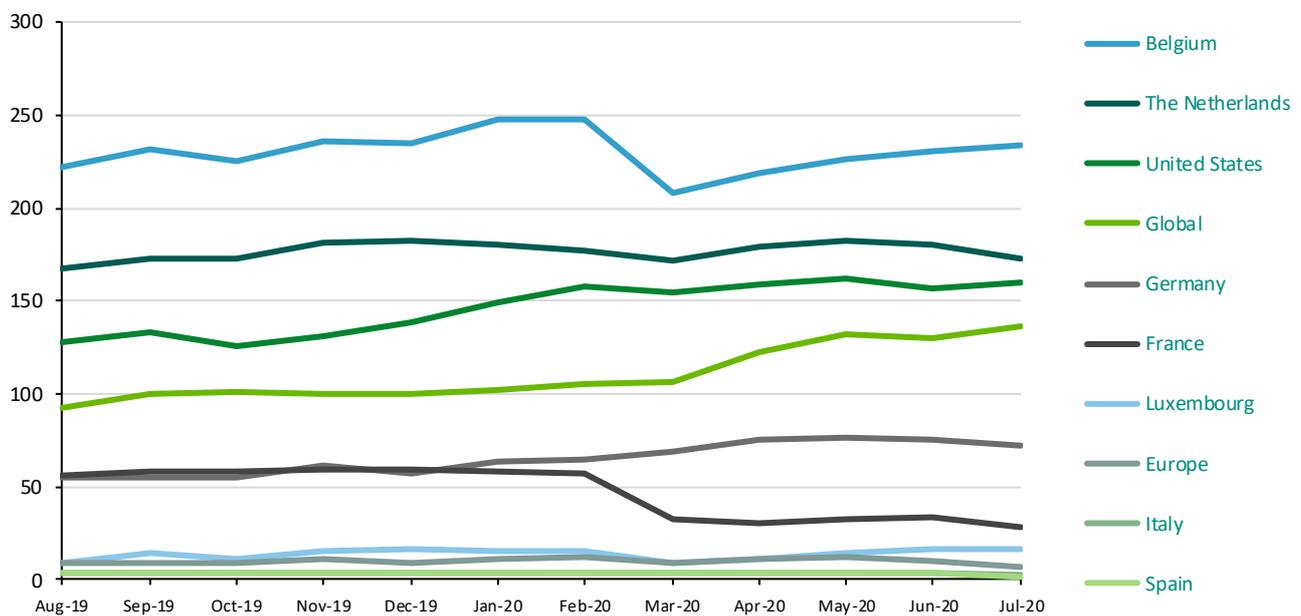
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

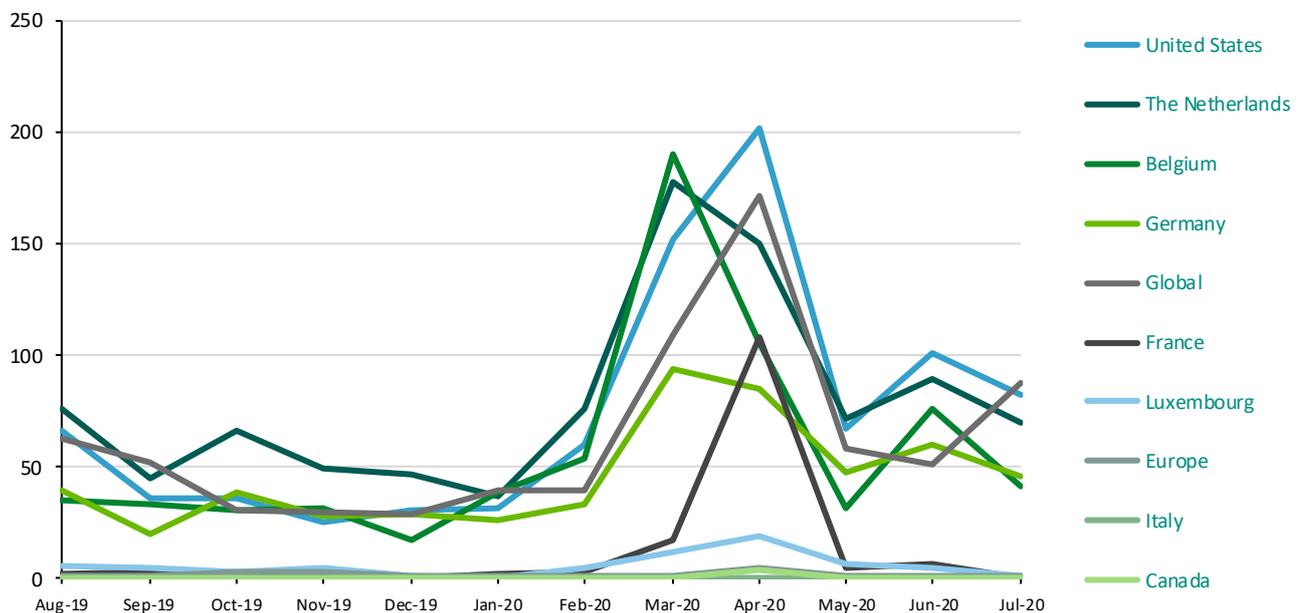
## Product Trend: Number of Live Products

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

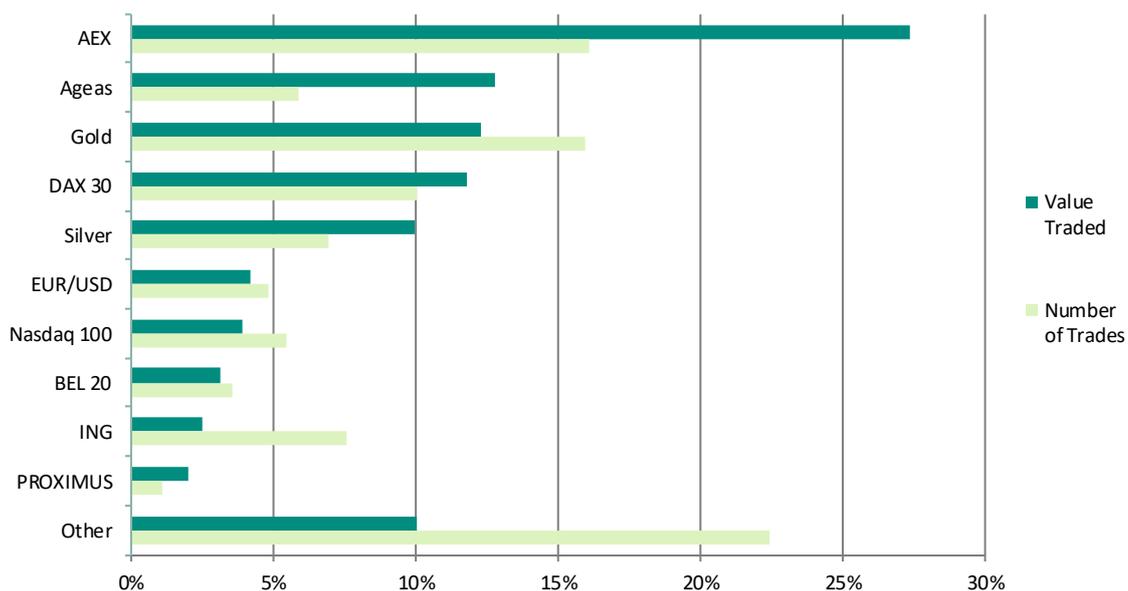
## Market Overview

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
AEX	140	186%	-7.3%	27.4%	36	32.3%	-56.2%	16.1%
Ageas	65	83%	298%	12.8%	13	73%	256%	5.9%
Gold	63	325%	124%	12.3%	36	476%	149%	16.0%
DAX 30	60	-34%	-54%	11.8%	22	-37%	-48%	10.1%
Silver	51	512%	273%	10.0%	15	622%	170%	6.9%
EUR/USD	21	426%	539%	4.2%	11	29%	165%	4.8%
Nasdaq 100	20	14.2%	38%	3.9%	12	71%	90%	5.5%
BEL 20	16	138%	18.6%	3.1%	8.0	74%	-4.9%	3.6%
ING	13	-24%	131%	2.5%	17	53%	220%	7.6%
PROXIMUS	10	356%	366%	2.0%	2.4	49%	80%	1.1%
Other	51	-55%	-85%	10.0%	50	-10.3%	-29%	22.5%
<b>Total</b>	<b>512</b>	<b>41.4%</b>	<b>-30.2%</b>	<b>100%</b>	<b>223</b>	<b>33.3%</b>	<b>-8.8%</b>	<b>100%</b>

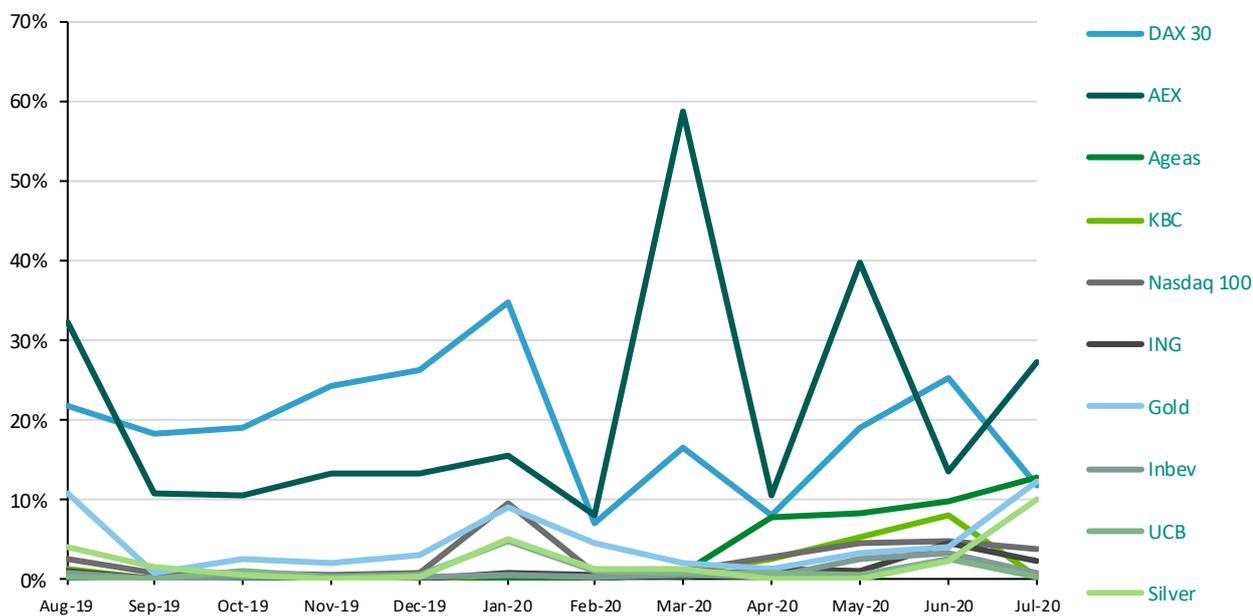
(Source Euronext)



# TOP 10 UNDERLYINGS

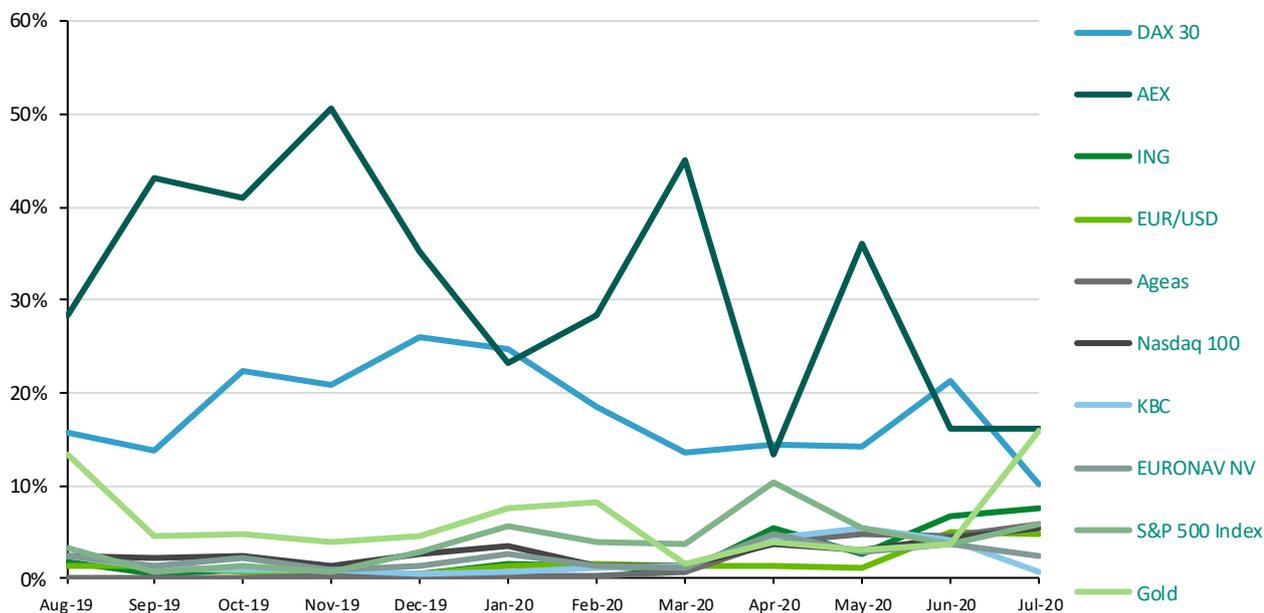
## Market Trend: Value traded

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

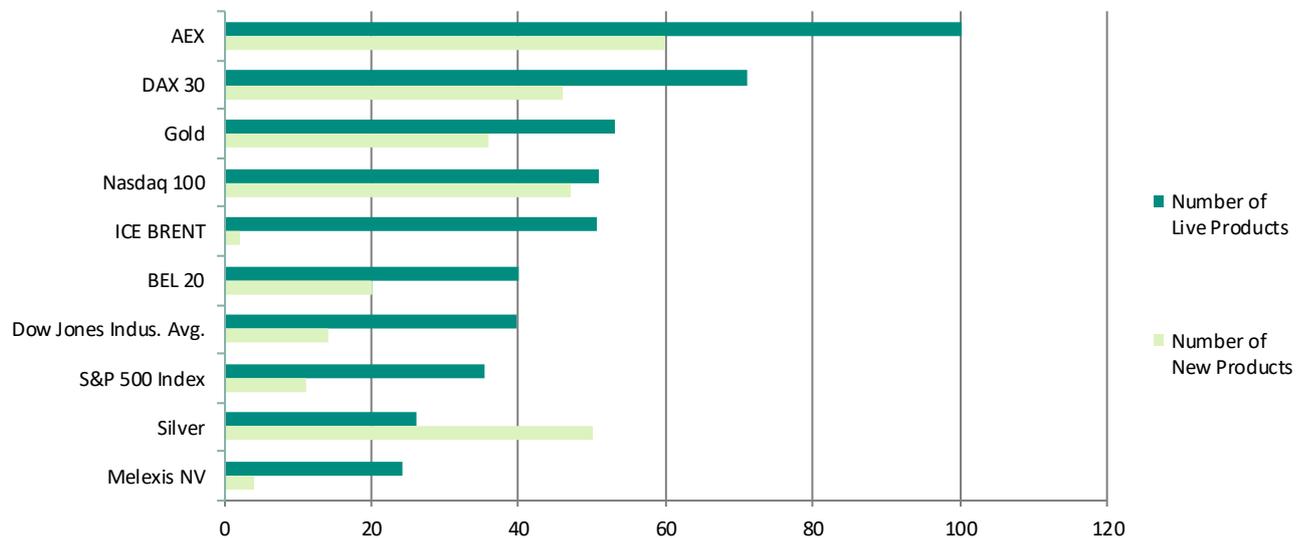
## Product Overview

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	100	-2.0%	0.2%	12.1%	60	-16.7%	-3.5%	18.2%
DAX 30	71	-2.7%	13.1%	8.6%	46	-23%	1.3%	14.0%
Gold	53	6.9%	22%	6.4%	36	112%	53%	10.9%
Nasdaq 100	51	21%	38%	6.1%	47	42%	87%	14.3%
ICE BRENT	51	1.0%	49%	6.1%	2	-89%	-90%	0.6%
BEL 20	40	9.3%	-8.6%	4.8%	20	-26%	13.2%	6.1%
Dow Jones Indus. Avg.	40	1.2%	16.6%	4.8%	14	-58%	-33%	4.3%
S&P 500 Index	35	0.1%	10.9%	4.3%	11	-58%	-36%	3.3%
Silver	26	13.7%	11.1%	3.1%	50	213%	148%	15.2%
Melexis NV	24	-0.4%	15.0%	2.9%	4	-33%	-33%	1.2%
Other	340	-6.9%	-9.4%	40.9%	39	-53%	-53%	11.9%
Total	831	-1.1%	3.0%	100%	329	-15.9%	-3.4%	100%

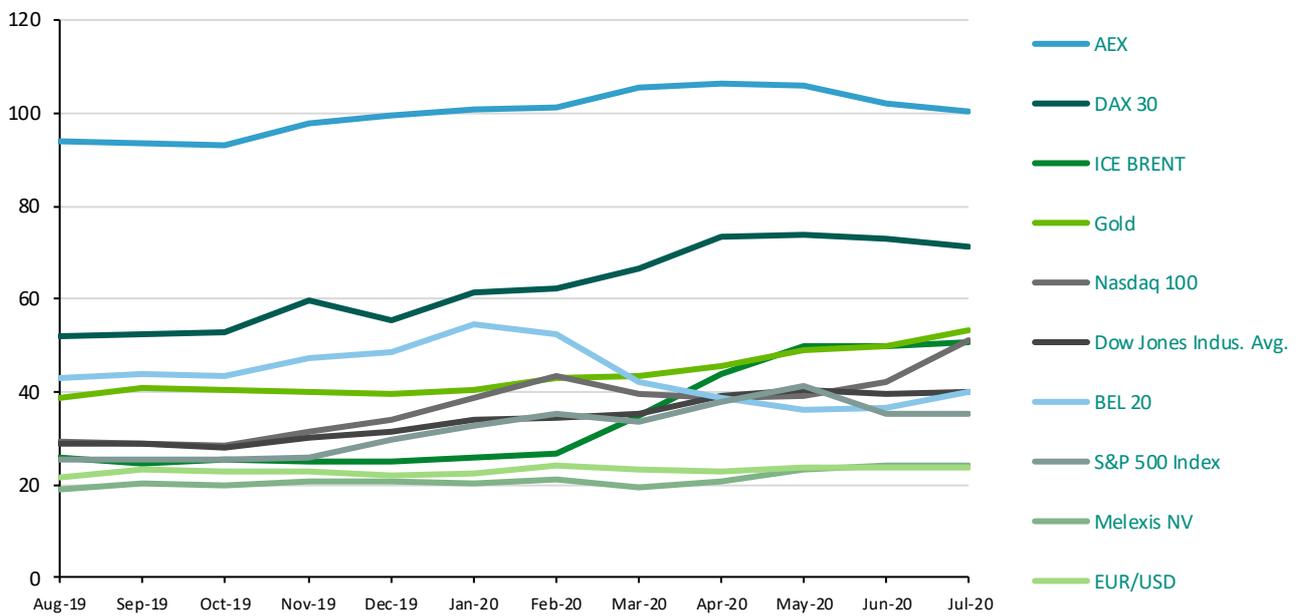
(Source Euronext)



# TOP 10 UNDERLYINGS

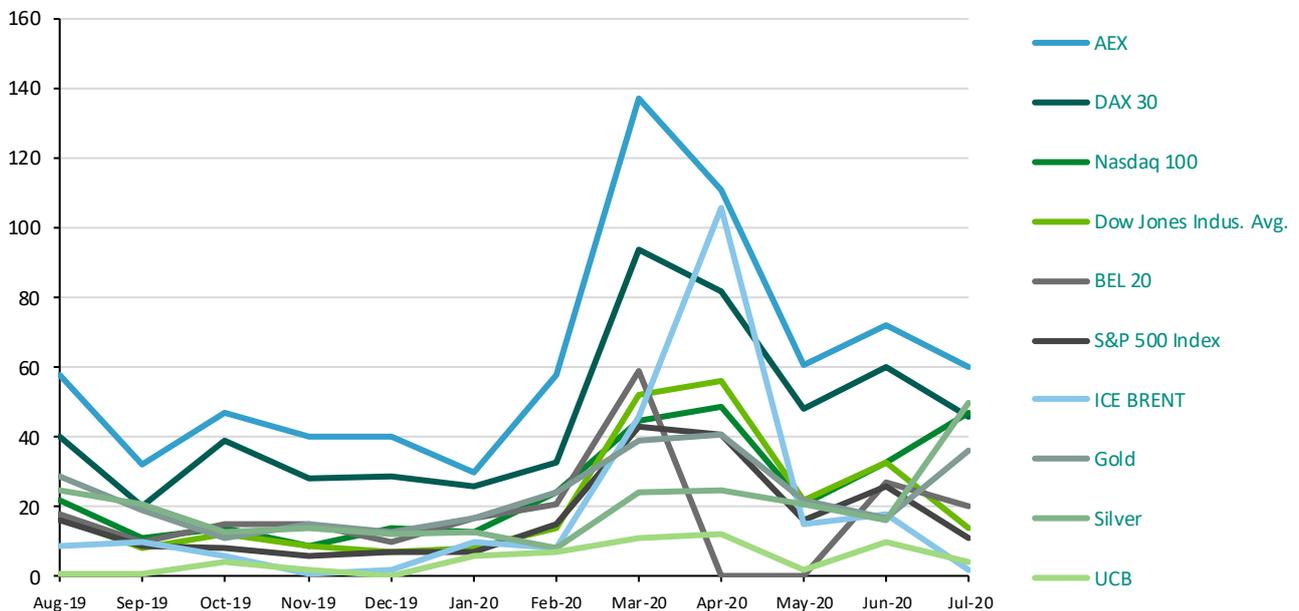
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear 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
DE000SB2JBJ2	Société Générale	2205	Open-End Knock-Out Warrants	AEX	2,286	188
DE000SR8RGZ9	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	779	124
DE000SB11GE1	Société Générale	2205	Open-End Knock-Out Warrants	Silver	399	66
DE000SB3CZ41	Société Générale	2205	Open-End Knock-Out Warrants	Gold	391	243
DE000SB2LLP4	Société Générale	2205	Open-End Knock-Out Warrants	Silver	321	81
DE000SB3BYL5	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	316	76
DE000SB2GDX5	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	256	69
DE000SB2GDQ9	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	210	71
DE000SB2P473	Société Générale	2205	Open-End Knock-Out Warrants	Gold	197	106
DE000SB2NE93	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	190	53
DE000CL3ZAE5	Société Générale	2205	Open-End Knock-Out Warrants	PROXIMUS	188	26
DE000SB2DAT6	Société Générale	2205	Open-End Knock-Out Warrants	Gold	174	118
DE000CL7LYE6	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	161	13
DE000SB3BX02	Société Générale	2205	Open-End Knock-Out Warrants	EUR/USD	155	34
LU2051401235	KBC	1260	Express Certificates	STOXX 600 Oil & Gas Index	152	1
DE000SB27D86	Société Générale	2205	Open-End Knock-Out Warrants	Gold	147	120
DE000SB286C9	Société Générale	2205	Open-End Knock-Out Warrants	Silver	138	38
DE000SB3BX69	Société Générale	2205	Open-End Knock-Out Warrants	Silver	137	53
DE000SB3CZ17	Société Générale	2205	Open-End Knock-Out Warrants	AEX	130	43
DE000SB2JBQ7	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	119	15
DE000SB2Q9D9	Société Générale	2205	Open-End Knock-Out Warrants	EUR/USD	118	54
DE000SB3GBQ1	Société Générale	2205	Open-End Knock-Out Warrants	BEL 20	117	42
DE000SB22B00	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	115	39
DE000SB0K2K7	Société Générale	2205	Open-End Knock-Out Warrants	ING	114	17
DE000SB3GBS7	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	112	23
DE000SB22BL4	Société Générale	2205	Open-End Knock-Out Warrants	EUR/USD	109	43
DE000SB3U9M3	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	109	43
DE000SB1SX21	Société Générale	2205	Open-End Knock-Out Warrants	Gold	106	27
DE000SB28594	Société Générale	2205	Open-End Knock-Out Warrants	Gold	104	40
DE000CJ3M726	Société Générale	2205	Open-End Knock-Out Warrants	AEX	99	25
DE000CJ3K803	Société Générale	2205	Open-End Knock-Out Warrants	AEX	97	44
DE000CJ3M7J0	Société Générale	2205	Open-End Knock-Out Warrants	Gold	92	14
DE000SB2GDT3	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	77	31
DE000SB2GDP1	Société Générale	2205	Open-End Knock-Out Warrants	AEX	75	60
DE000SB1NPY5	Société Générale	2205	Open-End Knock-Out Warrants	ING	74	131
DE000CJ3M8A7	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	66	18
DE000CJ3K9X9	Société Générale	2205	Open-End Knock-Out Warrants	Silver	63	27
DE000SB2Y2J1	Société Générale	2205	Open-End Knock-Out Warrants	AEX	62	35
DE000SB3QPP2	Société Générale	2205	Open-End Knock-Out Warrants	EUR/USD	62	12
DE000SB3BX28	Société Générale	2205	Open-End Knock-Out Warrants	Gold	61	30
DE000CL89W19	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	60	7
DE000SB2GDY3	Société Générale	2205	Open-End Knock-Out Warrants	ING	59	182
DE000SB2P5C0	Société Générale	2205	Open-End Knock-Out Warrants	AEX	55	50
DE000SB3QP21	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	54	38
DE000CJ3M8D1	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	53	33
DE000SB15DS9	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	51	29
DE000SB223E8	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	51	13
DE000CJ3M8V3	Société Générale	2205	Open-End Knock-Out Warrants	S&P 500 Index	50	14
DE000SB2GDU1	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	48	41
DE000CL80TY0	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	47	16

(Source Euronext)



Euroclear France Instruments

# ISSUERS

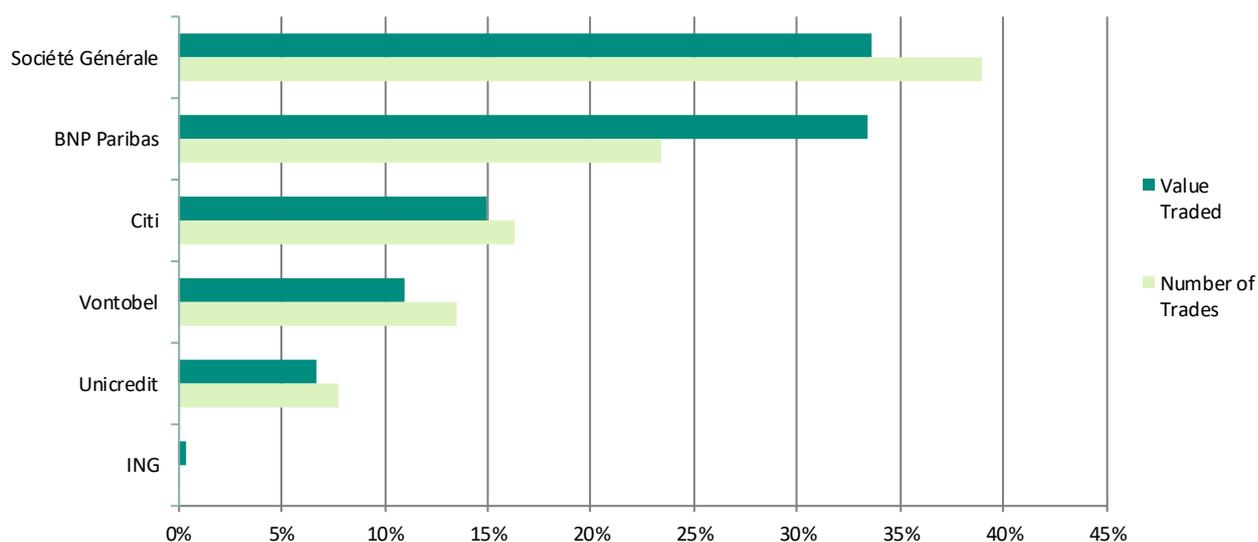
## Market Overview

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
Société Générale	6,036	-36%	2.2%	33.6%	2,593	-21.2%	27.4%	39.0%
BNP Paribas	6,001	-47%	3.0%	33.4%	1,556	-35.5%	-2.6%	23.4%
Citi	2,678	-18.7%	28%	14.9%	1,085	-16.9%	14.8%	16.3%
Vontobel	1,965	-26%	-5.1%	10.9%	897	-1.8%	-6.3%	13.5%
Unicredit	1,198	-7.7%	26%	6.7%	513	-8.5%	15.4%	7.7%
ING	73	20%	-12.7%	0.4%	6.7	-59.5%	-76.1%	0.1%
<b>Total</b>	<b>17,950</b>	<b>-35.9%</b>	<b>-6.8%</b>	<b>100%</b>	<b>6,649</b>	<b>-21.7%</b>	<b>-4.8%</b>	<b>100%</b>

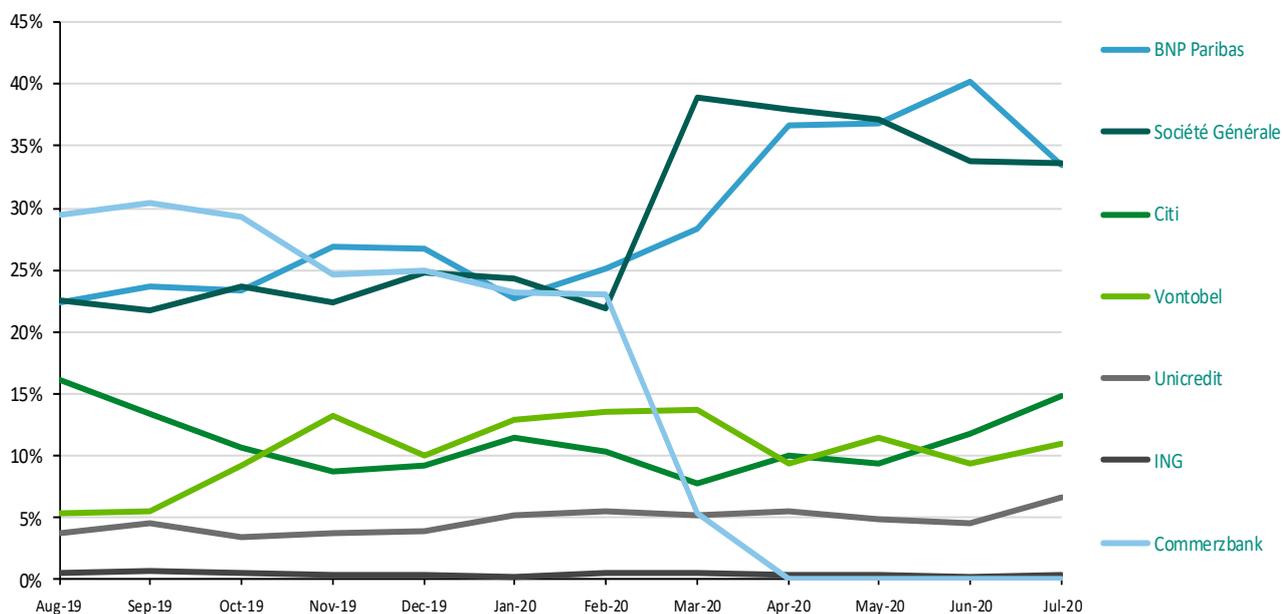
(Source Euronext)



# ISSUERS

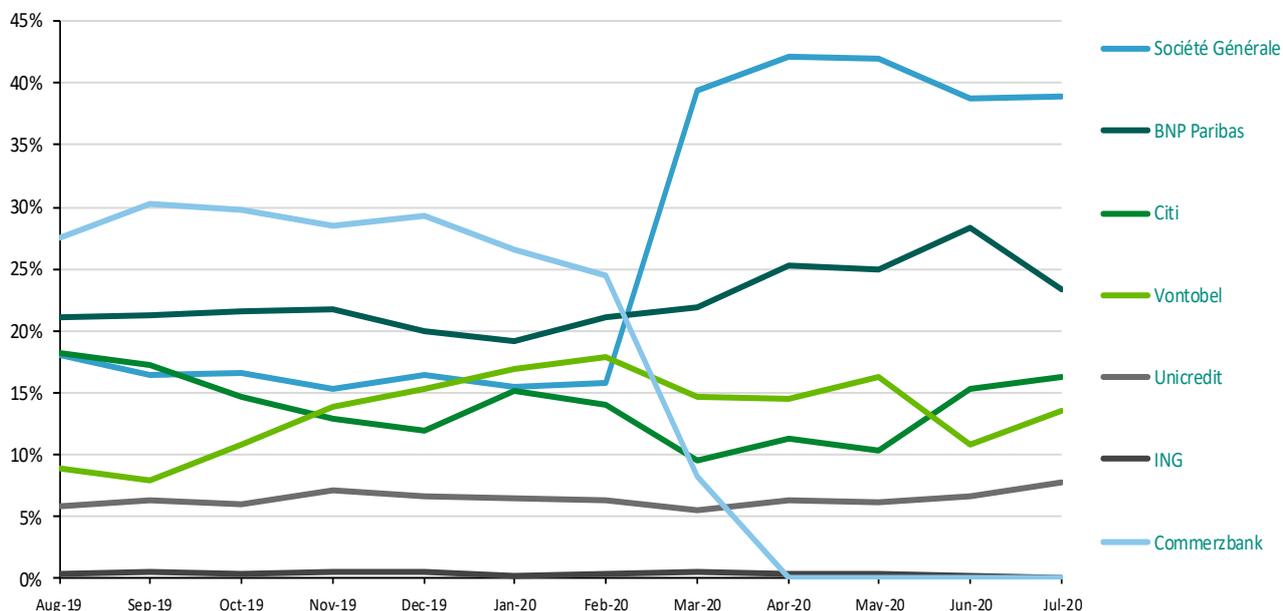
## Market Trend: Value traded

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

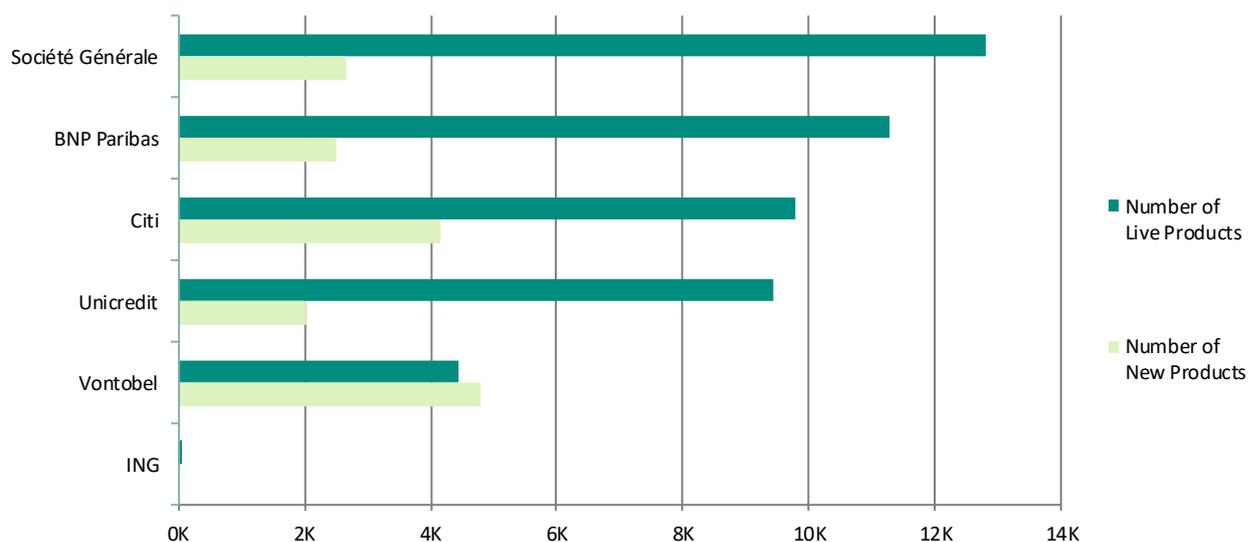
## Product Overview

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	12,797	-7.6%	17.5%	26.8%	2,658	-29%	-40%	16.5%
BNP Paribas	11,278	-9.6%	7.8%	23.6%	2,502	-40%	-30%	15.5%
Citi	9,798	10.9%	2.8%	20.5%	4,144	-18.4%	8.5%	25.7%
Unicredit	9,427	7.0%	5.2%	19.7%	2,034	-31%	-23%	12.6%
Vontobel	4,431	3.9%	3.3%	9.3%	4,798	NA	52%	29.7%
ING	53	-83%	-84%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>47,784</b>	<b>-1.6%</b>	<b>-5.7%</b>	<b>100%</b>	<b>16,136</b>	<b>1.1%</b>	<b>-14.7%</b>	<b>100%</b>

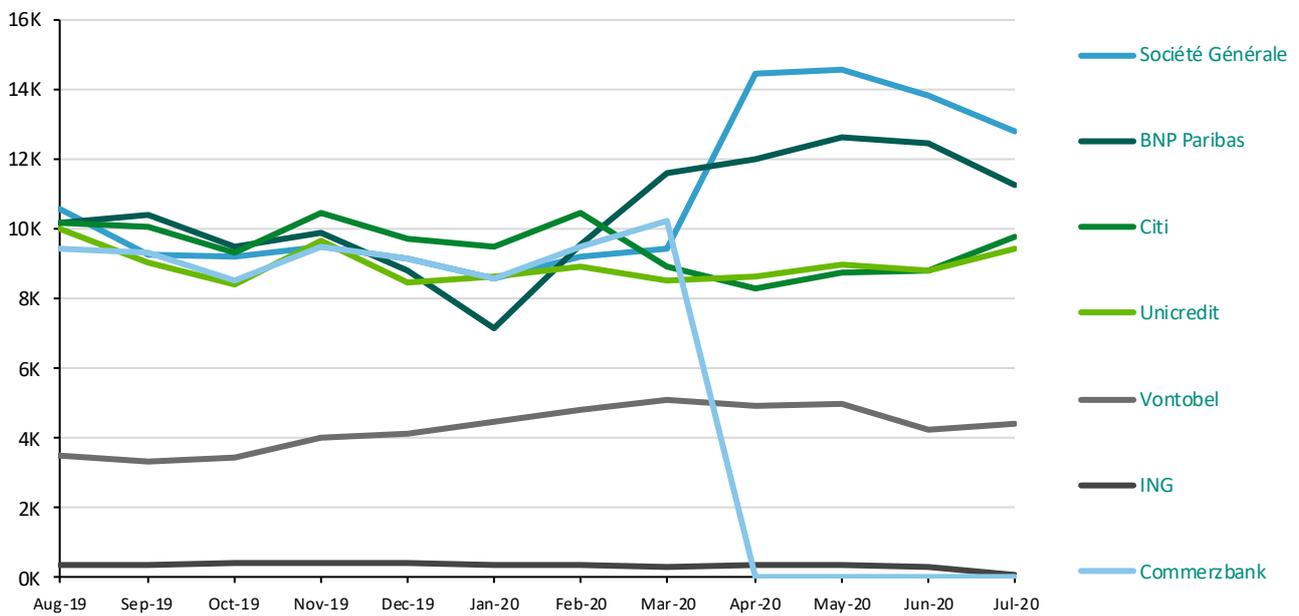
(Source Euronext)



# ISSUERS

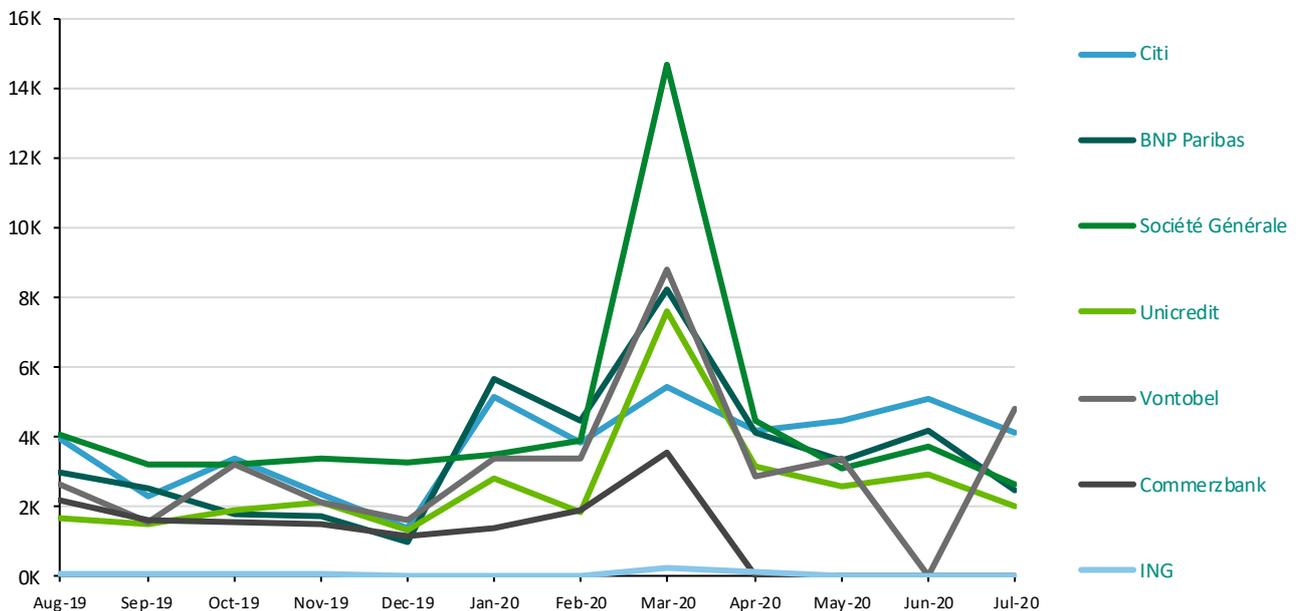
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

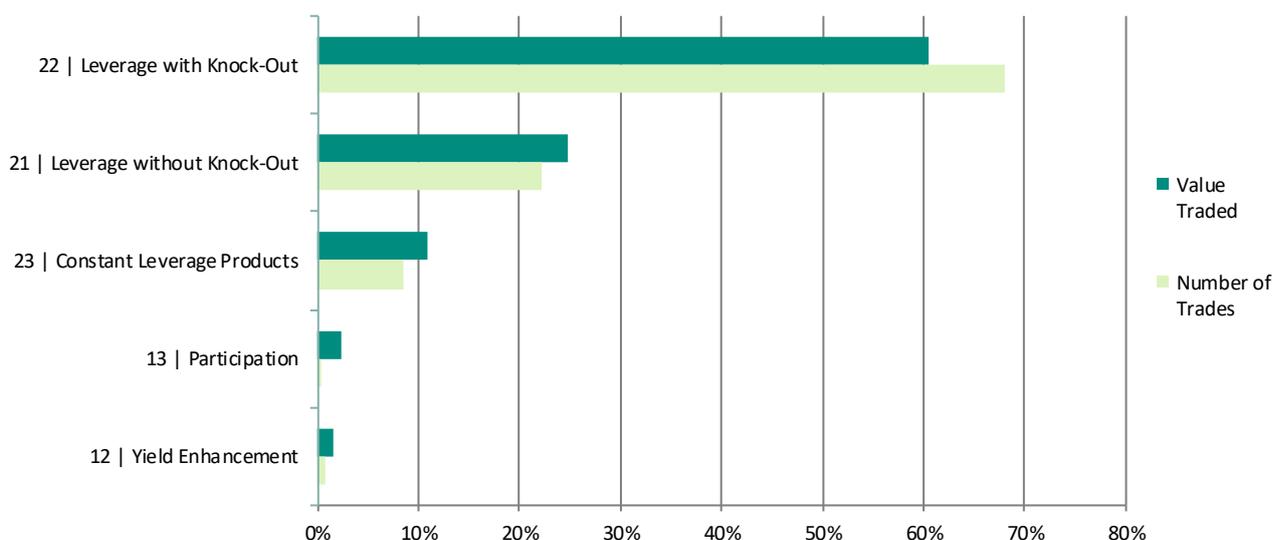
### Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	10,867	-31%	-2.1%	60.5%	4,525	-14.8%	-1.6%	68.1%
21   Leverage without Knock-Out	4,440	-48%	-10.3%	24.7%	1,480	-33.8%	-3.9%	22.3%
23   Constant Leverage Products	1,938	-41%	-16.5%	10.8%	567	-33.6%	-18.4%	8.5%
13   Participation	436	121%	-18.3%	2.4%	24	-34.0%	-75.8%	0.4%
12   Yield Enhancement	269	-9.2%	-24%	1.5%	53	-4.3%	-0.7%	0.8%
<b>Total</b>	<b>17,950</b>	<b>-35.9%</b>	<b>-6.8%</b>	<b>100%</b>	<b>6,649</b>	<b>-21.7%</b>	<b>-4.8%</b>	<b>100%</b>

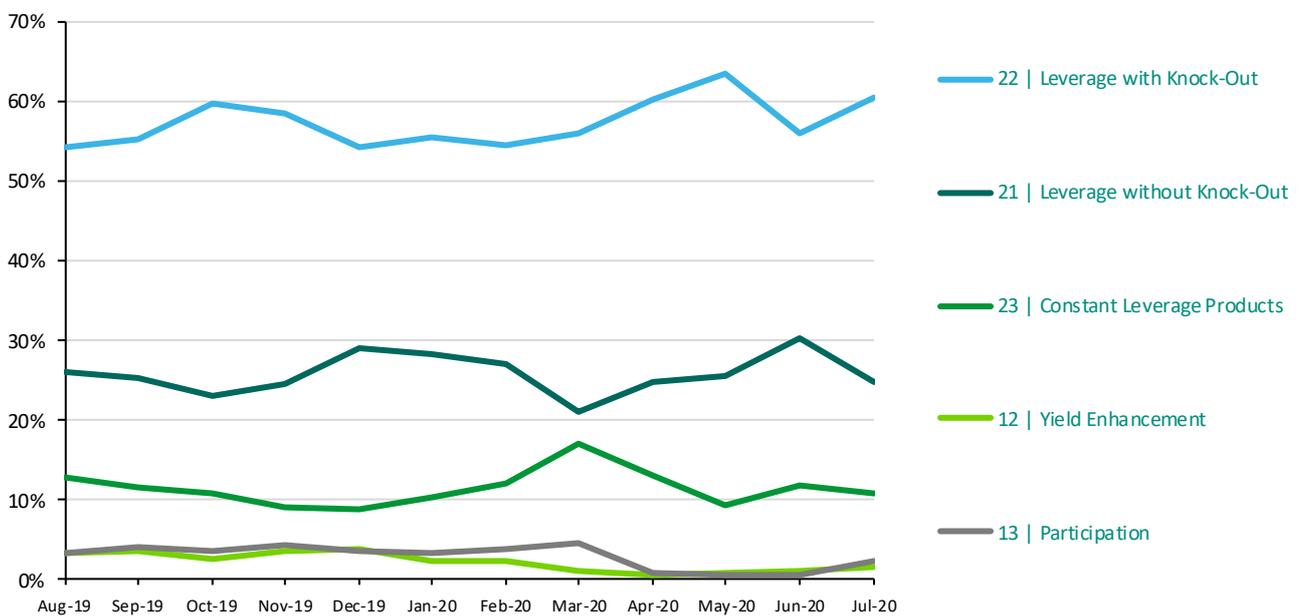
(Source Euronext)



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

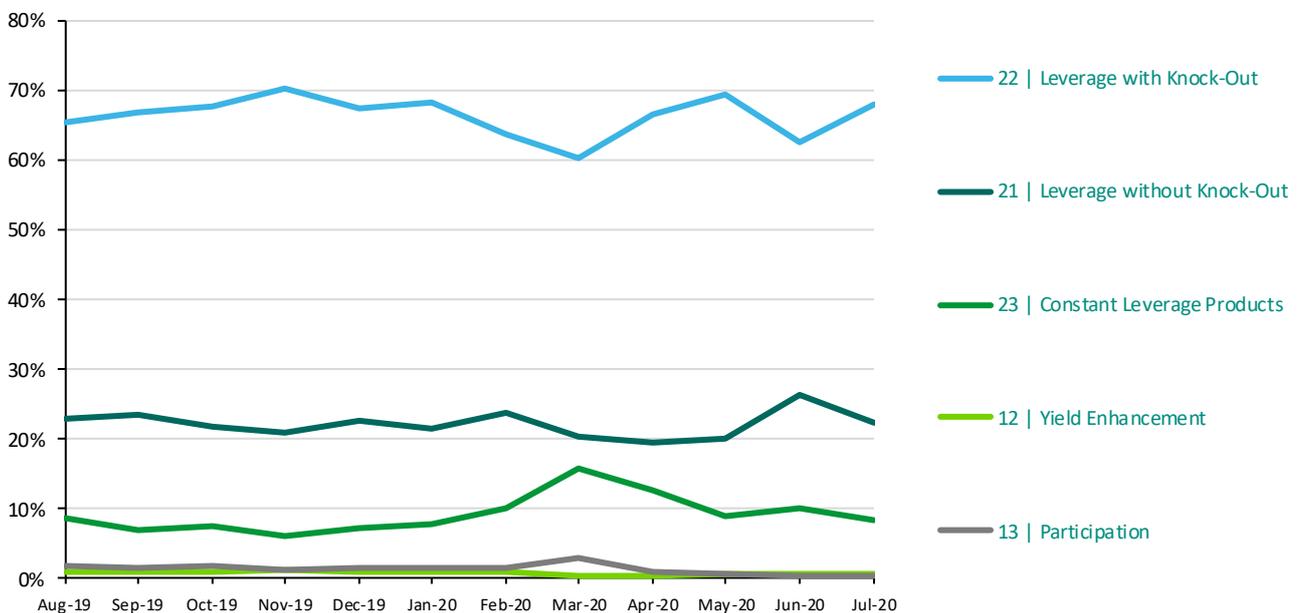
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

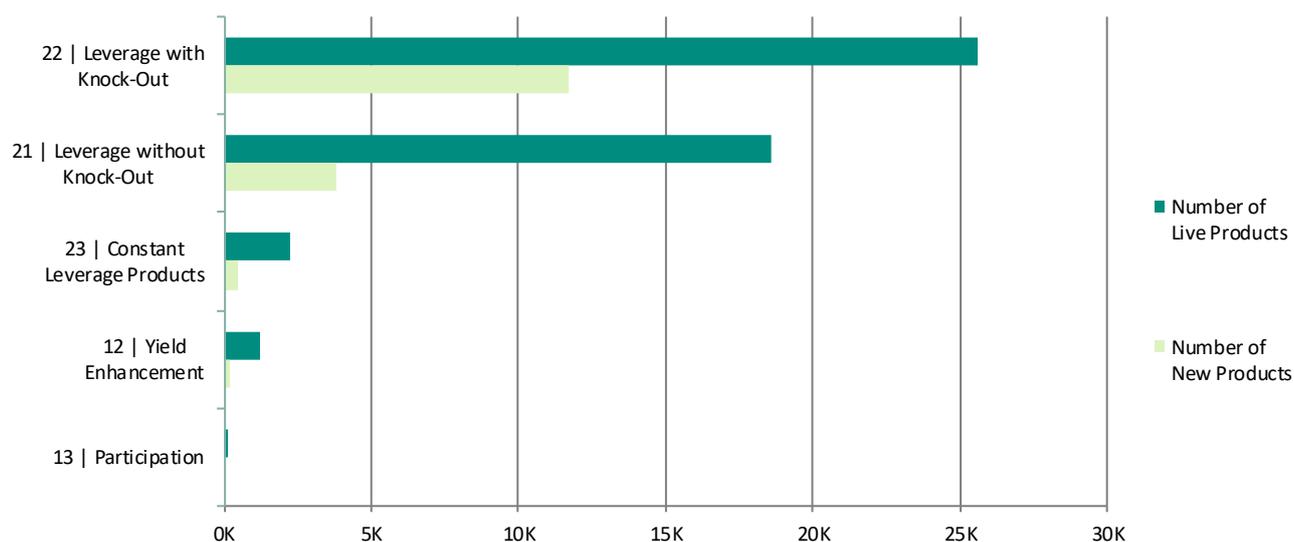
### Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	25,576	0.8%	1.3%	53.5%	11,709	-2.6%	-18.1%	72.6%
21   Leverage without Knock-Out	18,588	-5.5%	-15.3%	38.9%	3,789	1.3%	-6.2%	23.5%
23   Constant Leverage Products	2,243	8.4%	24%	4.7%	429	109%	28%	2.7%
12   Yield Enhancement	1,227	-4.2%	-20%	2.6%	191		-18.9%	1.2%
13   Participation	150	5.3%	16.5%	0.3%	18		37%	0.1%
<b>Total</b>	<b>47,784</b>	<b>-1.6%</b>	<b>-5.7%</b>	<b>100%</b>	<b>16,136</b>	<b>1.1%</b>	<b>-14.7%</b>	<b>100%</b>

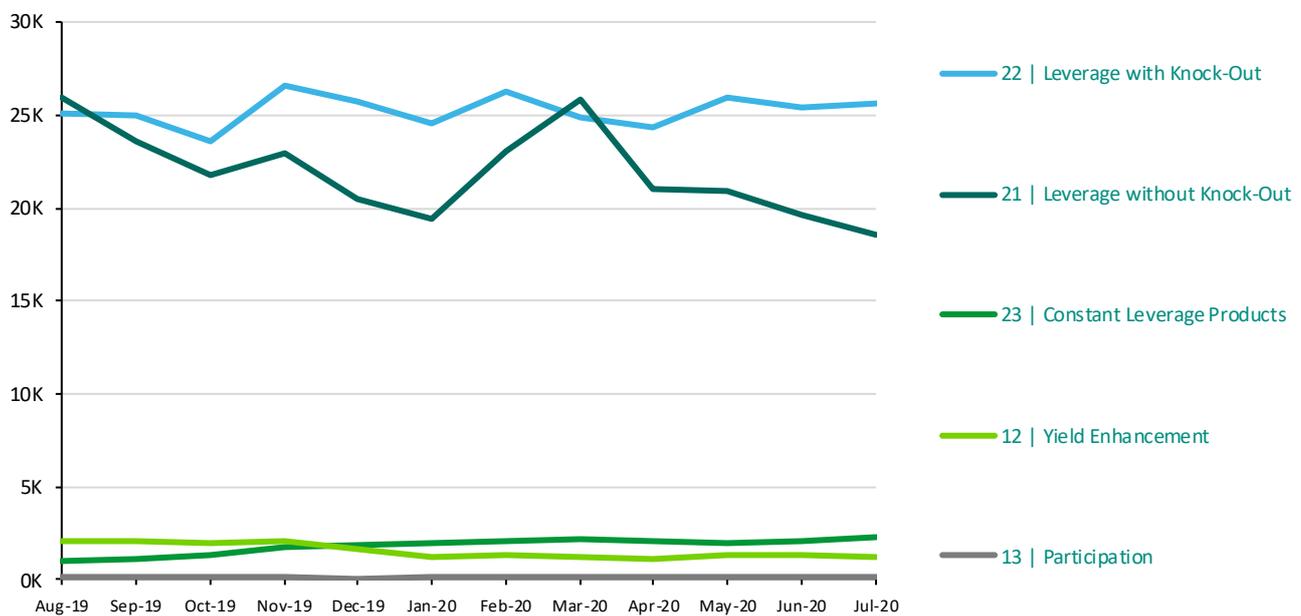
(Source Euronext)



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

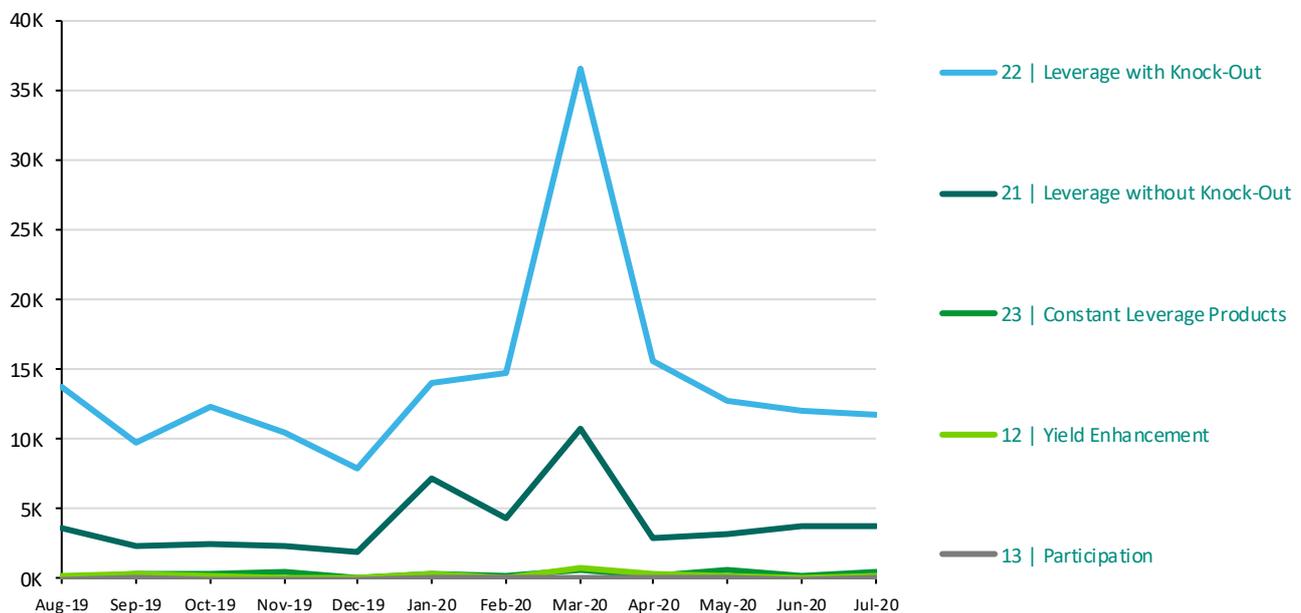
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

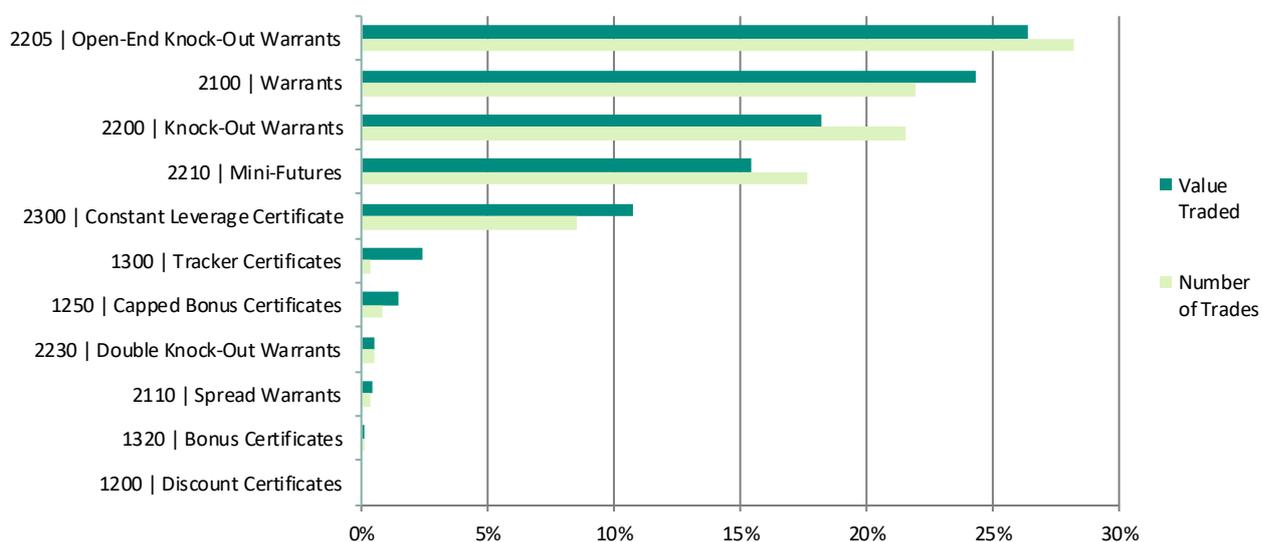
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	4,737	-36%	8.4%	26.4%	1,879	-13.4%	5.1%	28.3%
2100   Warrants	4,366	-48%	-9.8%	24.3%	1,459	-34%	-3.8%	21.9%
2200   Knock-Out Warrants	3,266	-25%	-7.4%	18.2%	1,434	-14.2%	-4.4%	21.6%
2210   Mini-Futures	2,777	-28%	-10.1%	15.5%	1,177	-18.2%	-7.5%	17.7%
2300   Constant Leverage Certificate	1,938	-41%	-16.5%	10.8%	567	-34%	-18.4%	8.5%
1300   Tracker Certificates	434	124%	-18.4%	2.4%	23	-34%	-76%	0.4%
1250   Capped Bonus Certificates	269	-9.2%	-24%	1.5%	53	-4.3%	-0.3%	0.8%
2230   Double Knock-Out Warrants	87	9.3%	-21%	0.5%	35	5.6%	-10.7%	0.5%
2110   Spread Warrants	75	-53%	-33%	0.4%	21	-44%	-10.3%	0.3%
1320   Bonus Certificates	2	-45%	9.8%	0.0%	0.3	-36%	15.6%	0.0%
1200   Discount Certificates	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>17,950</b>	<b>-35.9%</b>	<b>-6.8%</b>	<b>100%</b>	<b>6,649</b>	<b>-21.7%</b>	<b>-4.8%</b>	<b>100%</b>

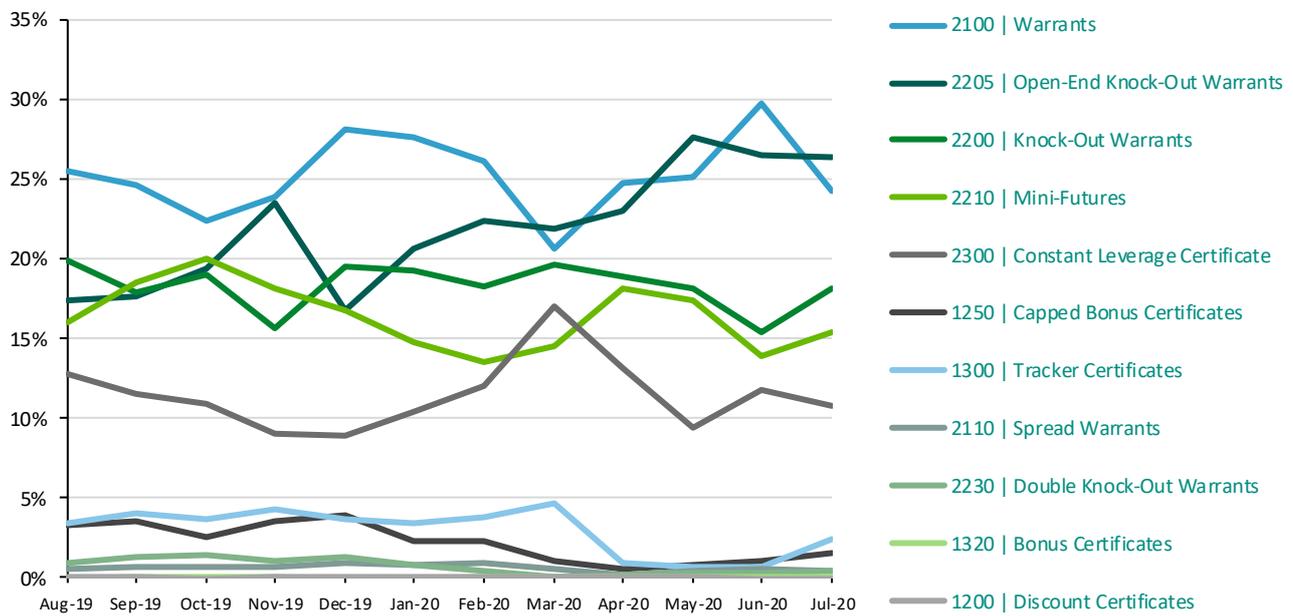
(Source Euronext)



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

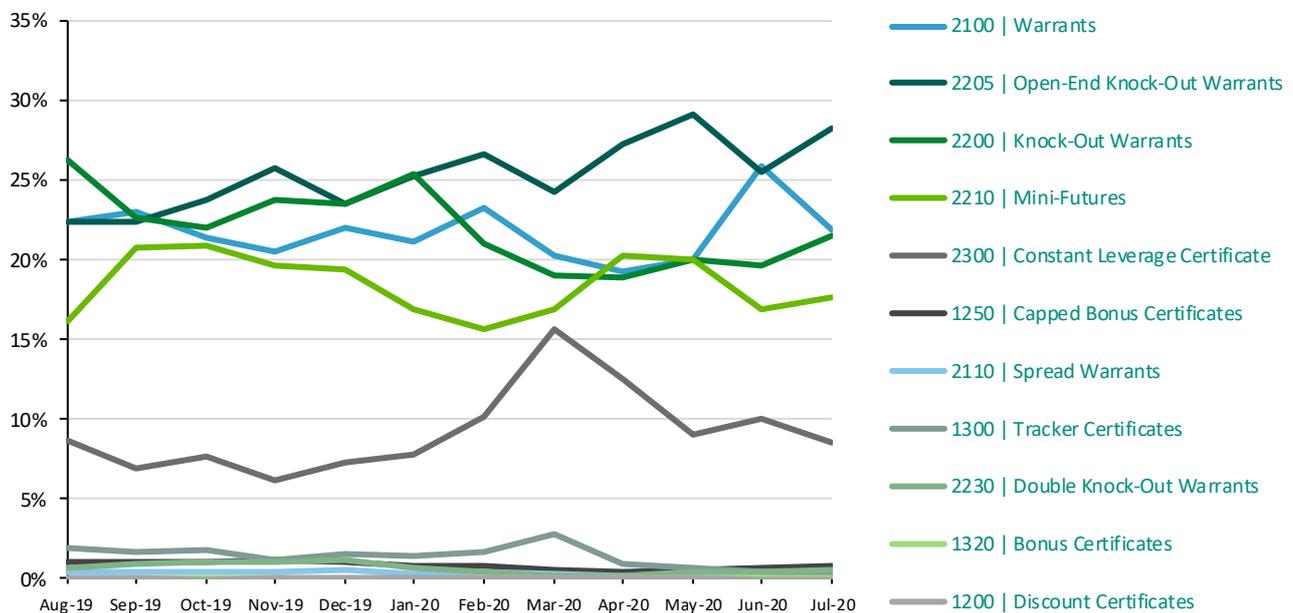
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

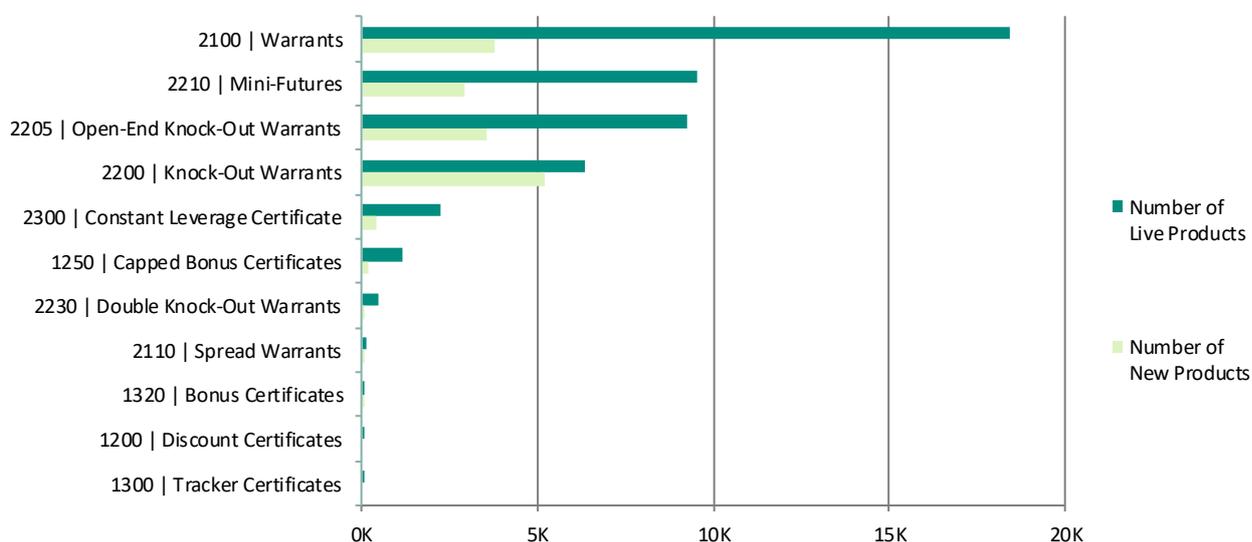
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	18,437	-5.4%	-15.4%	38.6%	3,764	2.4%	-5.9%	23.3%
2210   Mini-Futures	9,528	3.1%	7.7%	19.9%	2,956	-14.1%	-18.3%	18.3%
2205   Open-End Knock-Out Warrants	9,234	4.2%	8.2%	19.3%	3,543	18.5%	-12.4%	22.0%
2200   Knock-Out Warrants	6,359	-4.6%	-12.1%	13.3%	5,189	-6.9%	-18.7%	32.2%
2300   Constant Leverage Certificate	2,243	8.4%	24%	4.7%	429	109%	28%	2.7%
1250   Capped Bonus Certificates	1,155	-2.2%	-21%	2.4%	191		-15.1%	1.2%
2230   Double Knock-Out Warrants	455	-26%	-29%	1.0%	21	50%	-92%	0.1%
2110   Spread Warrants	151	-13.1%	1.9%	0.3%	25	-62%	-42%	0.2%
1320   Bonus Certificates	100	21%	92%	0.2%	18		40%	0.1%
1200   Discount Certificates	72	-29%	4.1%	0.2%	0		-100%	0.0%
1300   Tracker Certificates	50	-16.5%	-35%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>47,784</b>	<b>-1.6%</b>	<b>-5.7%</b>	<b>100%</b>	<b>16,136</b>	<b>1.1%</b>	<b>-14.7%</b>	<b>100%</b>

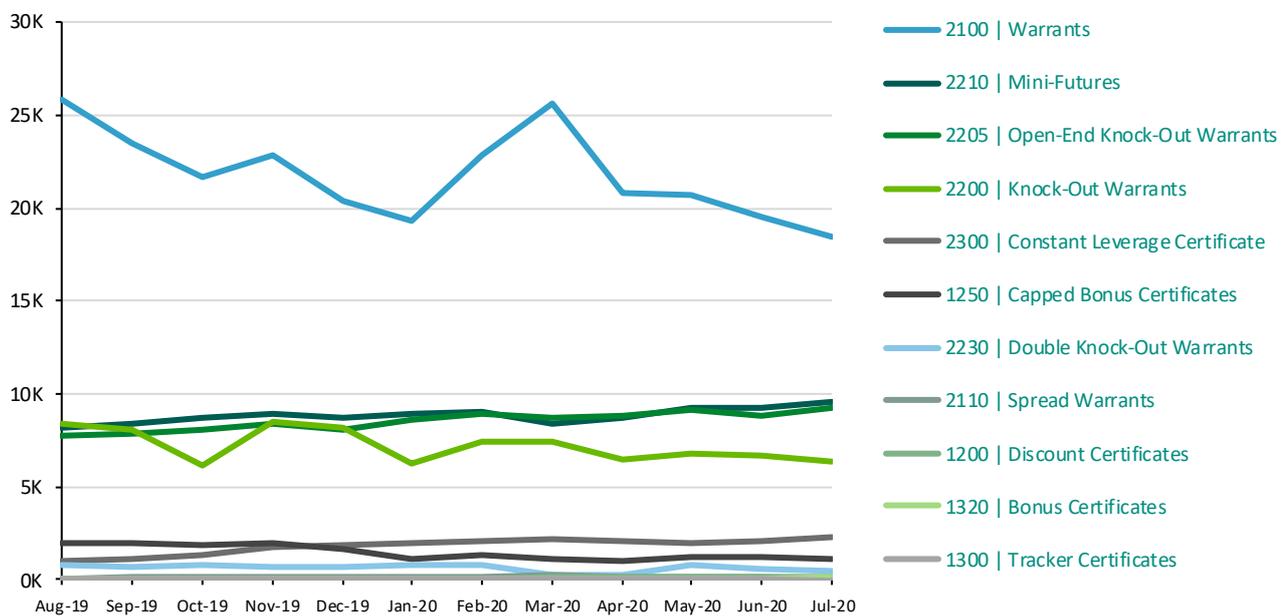
(Source Euronext)



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

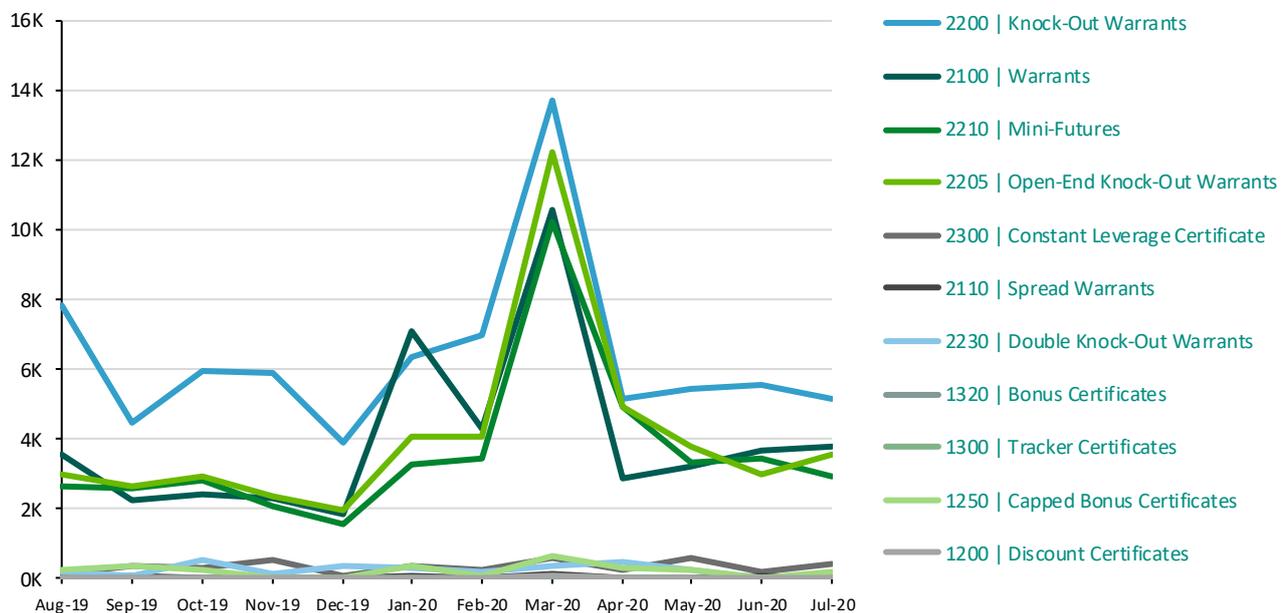
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

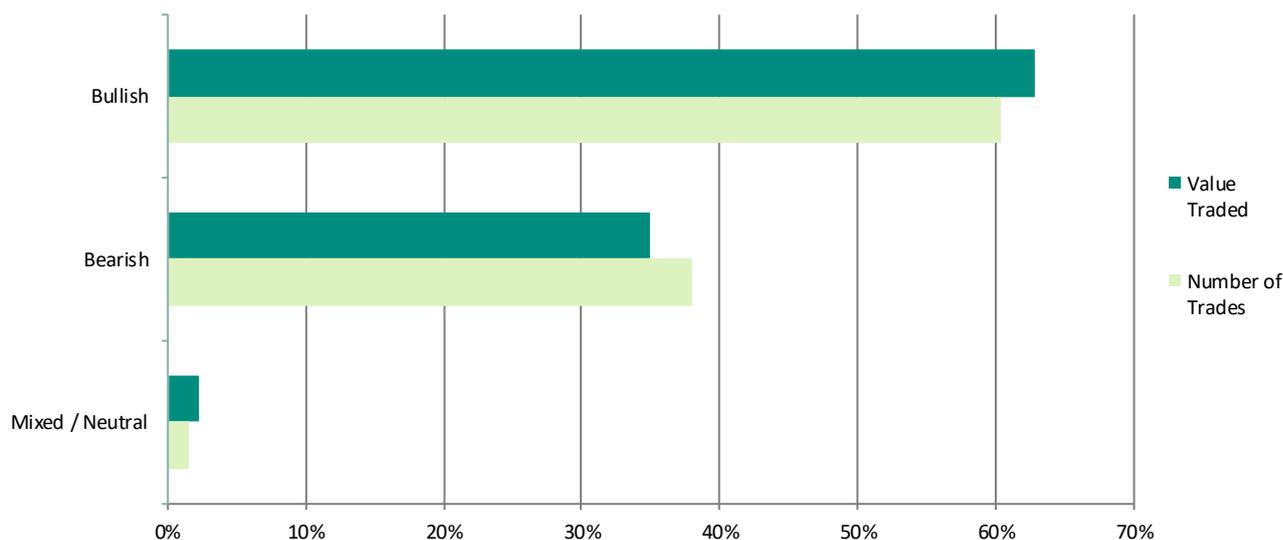
## Market Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	11,277	-36%	-3.0%	62.8%	4,017	-21.4%	-2.4%	60.4%
Bearish	6,276	-36%	-11.1%	35.0%	2,530	-22%	-8.2%	38.0%
Mixed / Neutral	397	-24%	-30%	2.2%	102	-16.6%	-11.6%	1.5%
Total	17,950	-35.9%	-6.8%	100%	6,649	-21.7%	-4.8%	100%

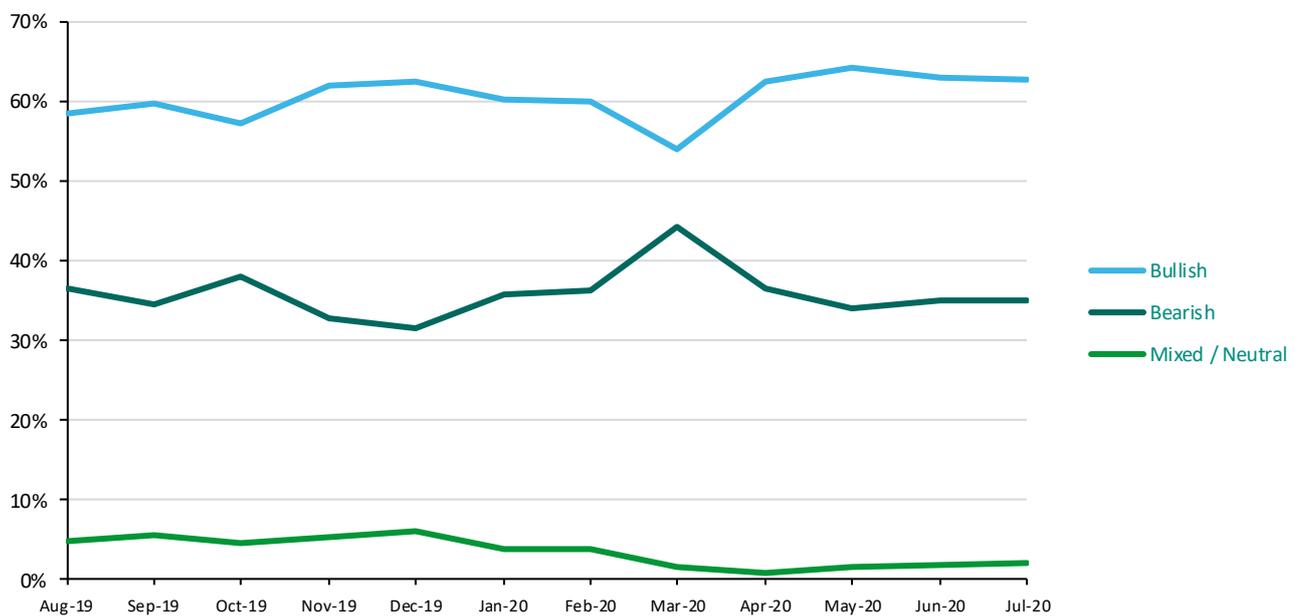
(Source Euronext)



# PRODUCT STRATEGIES

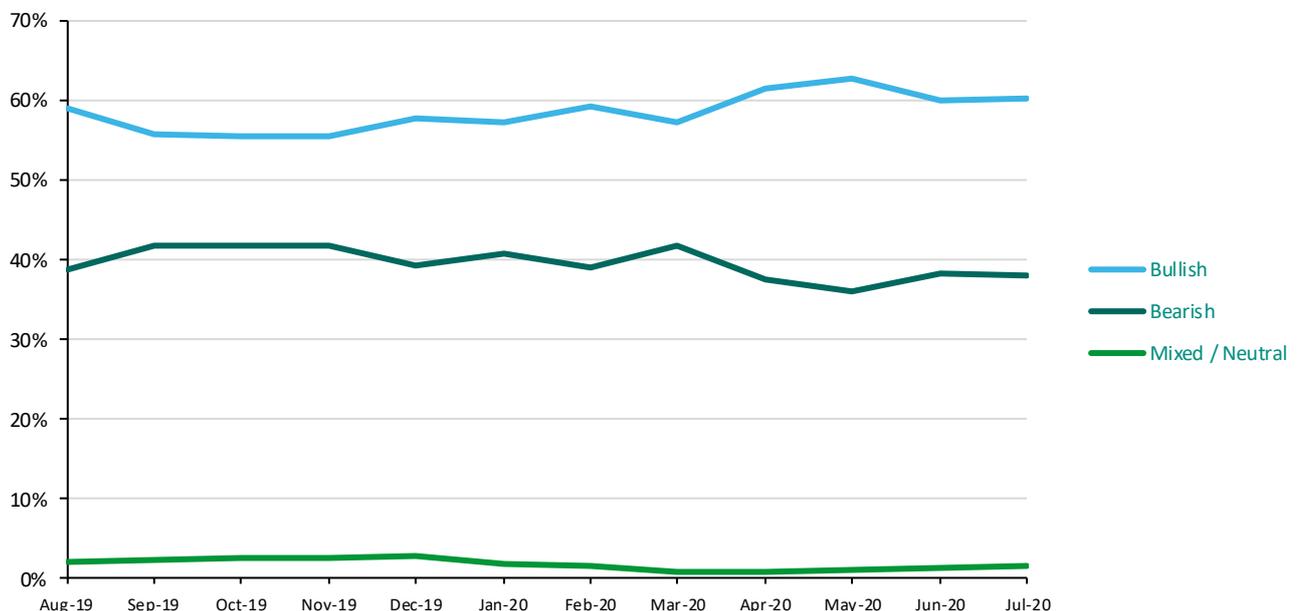
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

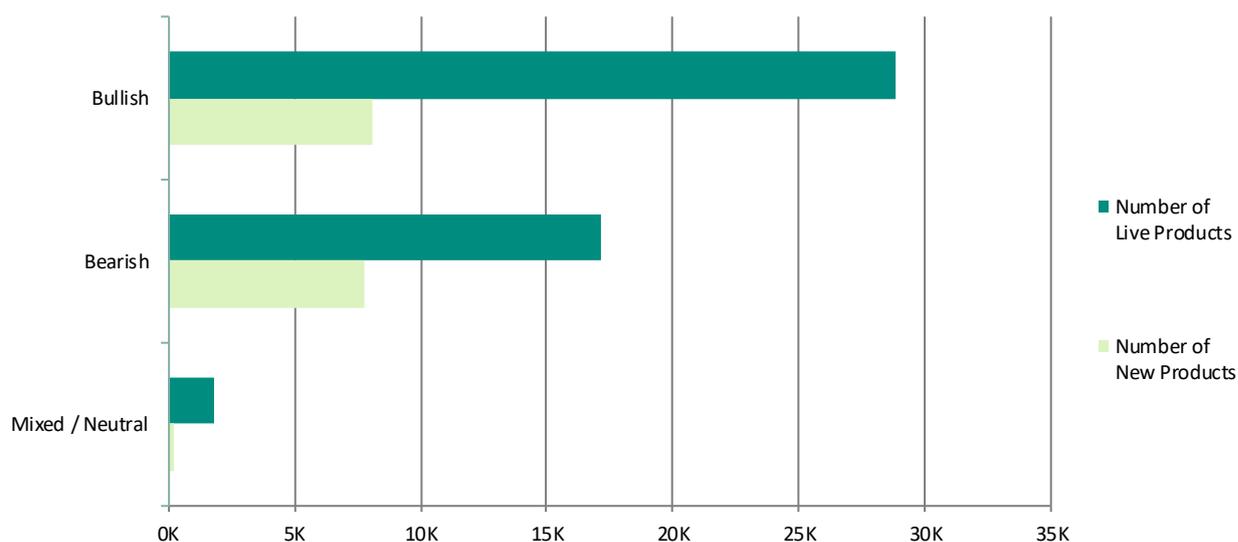
## Product Overview

The table below displays the daily averages of value traded and number of trades per product strategy on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total.

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	28,852	-2.2%	0.9%	60.4%	8,126	-5.0%	-19.7%	50.4%
Bearish	17,162	0.9%	-13.2%	35.9%	7,798	5.4%	-5.8%	48.3%
Mixed / Neutral	1,770	-12.7%	-24%	3.7%	212	NA	-59%	1.3%
<b>Total</b>	<b>47,784</b>	<b>-1.6%</b>	<b>-5.7%</b>	<b>100%</b>	<b>16,136</b>	<b>1.1%</b>	<b>-14.7%</b>	<b>100%</b>

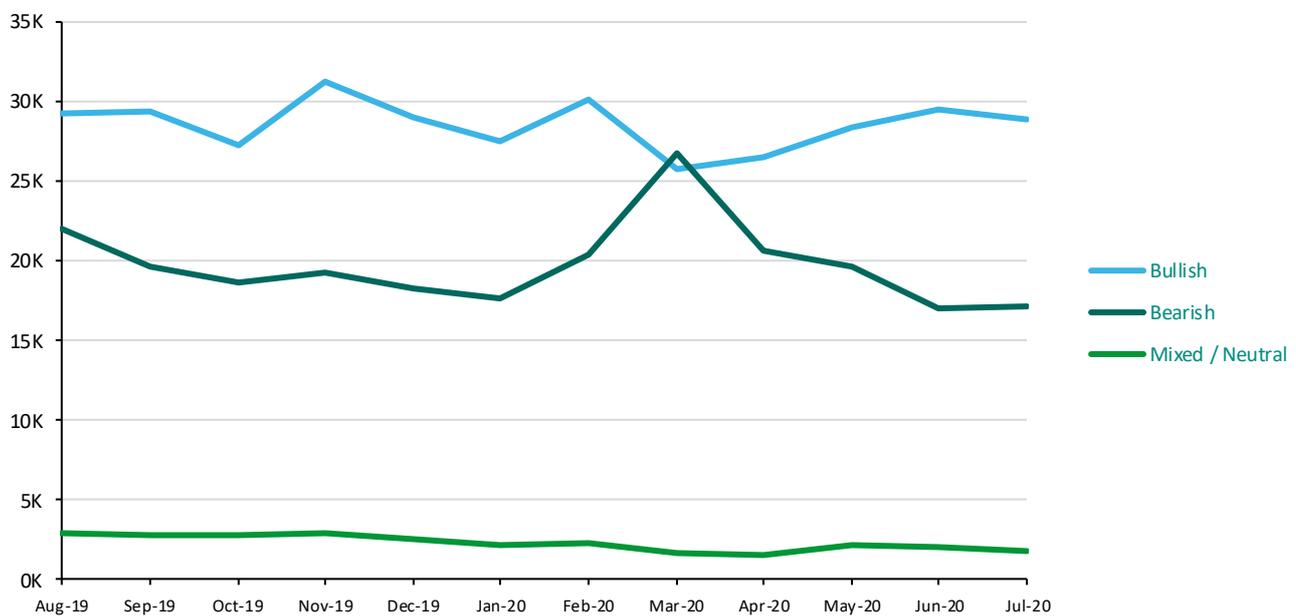
(Source Euronext)



# PRODUCT STRATEGIES

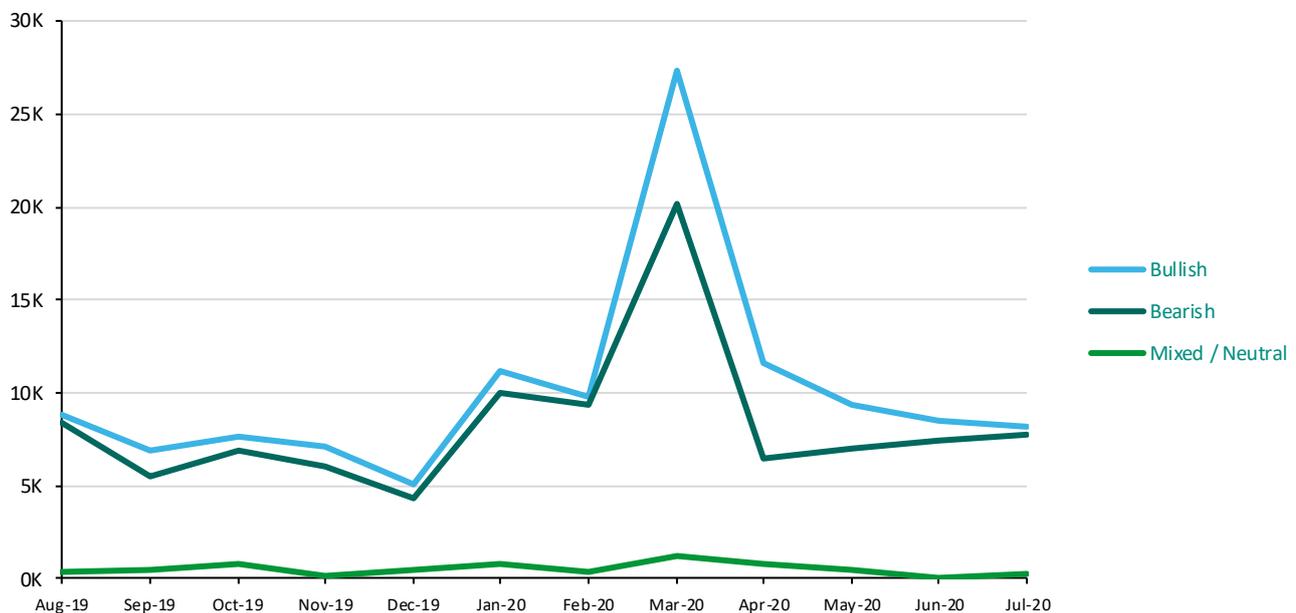
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



## UNDERLYING TYPES

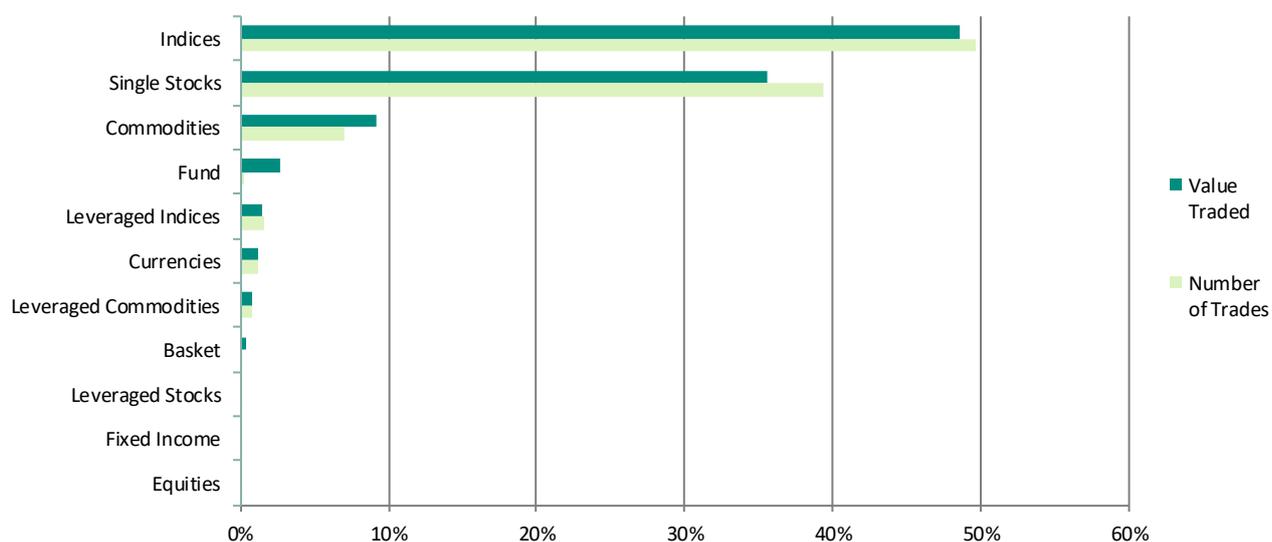
### Market Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	8,729	-40%	-8.4%	48.6%	3,307	-20.5%	-3.5%	49.7%
Single Stocks	6,388	-30%	5.1%	35.6%	2,623	-23.9%	0.9%	39.5%
Commodities	1,637	-12.2%	29%	9.1%	466	-2.4%	-8.2%	7.0%
Fund	485	-67%	-52%	2.7%	12	-37.1%	-20.7%	0.2%
Leveraged Indices	260	-68%	-75%	1.5%	103	-60.7%	-65.3%	1.5%
Currencies	223	37%	61%	1.2%	78	3.8%	-4.5%	1.2%
Leveraged Commodities	144	159%	69%	0.8%	47	12.0%	14.4%	0.7%
Basket	61	68%	7.3%	0.3%	1.3	24.8%	-8.5%	0.0%
Leveraged Stocks	19	36%	22%	0.1%	9.5	-6.1%	-22.1%	0.1%
Fixed Income	3	-40%	-60%	0.0%	1.6	-28.3%	-70.1%	0.0%
Equities	1	52%	166%	0.0%	1.0	155.1%	368.6%	0.0%
<b>Total</b>	<b>17,950</b>	<b>-36%</b>	<b>-6.8%</b>	<b>100%</b>	<b>6,649</b>	<b>-21.7%</b>	<b>-4.8%</b>	<b>100%</b>

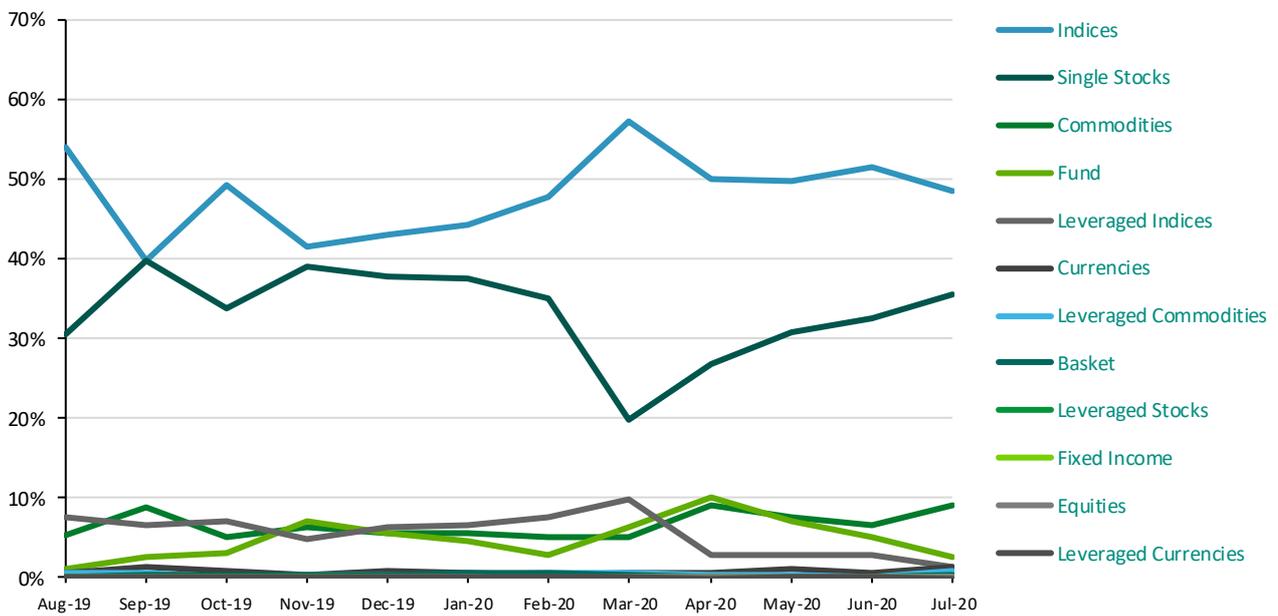
(Source Euronext)



# UNDERLYING TYPES

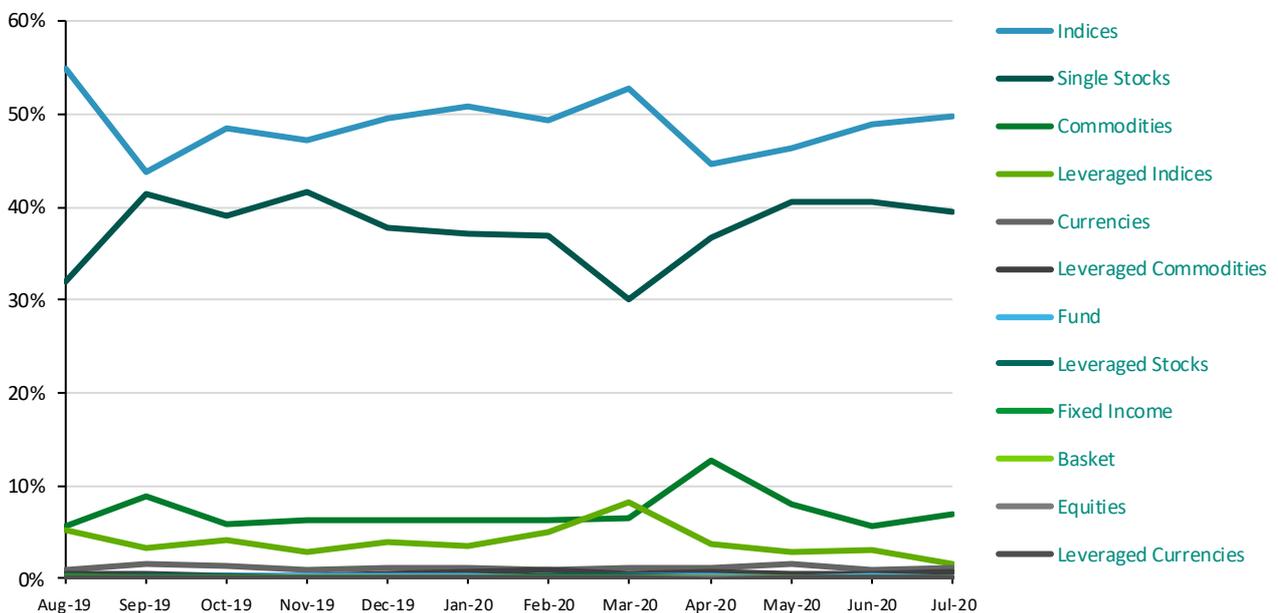
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## UNDERLYING TYPES

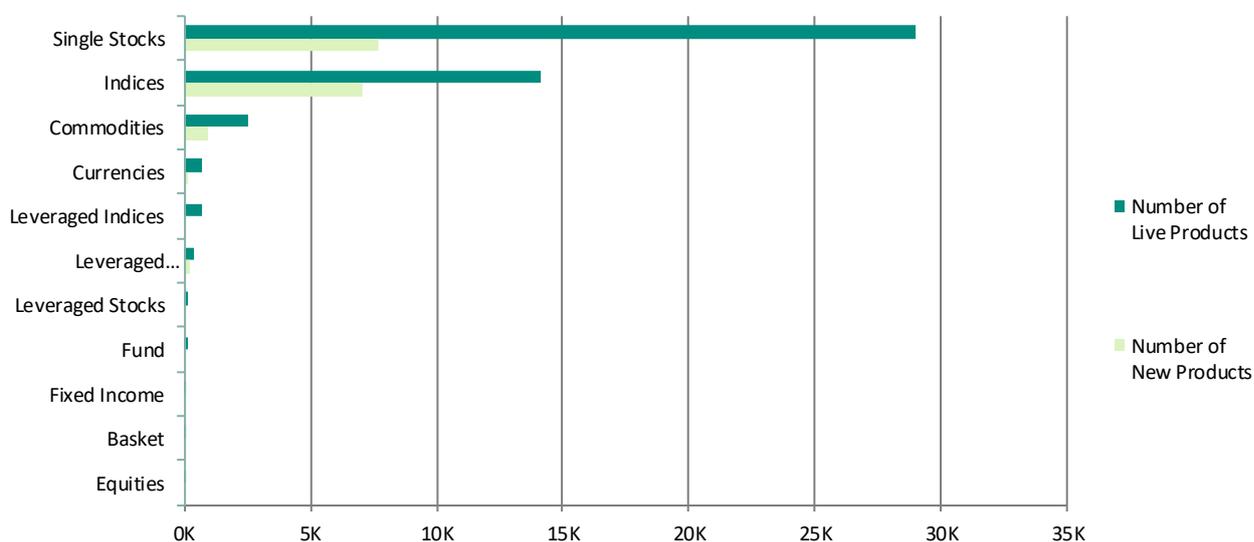
### Product Overview

The table below displays the daily averages of value traded and number of trades per underlying type on Euroclear France instruments traded on Euronext's pan-European MTF, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total.

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	29,033	-1.3%	-11.1%	60.8%	7,674	-5.5%	-20%	47.6%
Indices	14,169	-3.0%	3.7%	29.7%	7,093	1.2%	-11.7%	44.0%
Commodities	2,509	6.1%	16.4%	5.3%	935	45%	4.9%	5.8%
Currencies	679	-14.1%	-26%	1.4%	145	-22%	-5.5%	0.9%
Leveraged Indices	658	1.7%	33%	1.4%	63		-32%	0.4%
Leveraged Commodities	387	24%	0.5%	0.8%	191		75%	1.2%
Leveraged Stocks	165	-17.7%	-22%	0.3%	8		-59%	0.0%
Fund	103	1.9%	8.3%	0.2%	1		-33%	0.0%
Fixed Income	66	-14.6%	-11.3%	0.1%	12	NA	153%	0.1%
Basket	6	-1.5%	-0.4%	0.0%	0		-100%	0.0%
Equities	5	0.0%	156%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>47,784</b>	<b>-1.6%</b>	<b>-5.7%</b>	<b>100%</b>	<b>16,136</b>	<b>1.1%</b>	<b>-14.7%</b>	<b>100%</b>

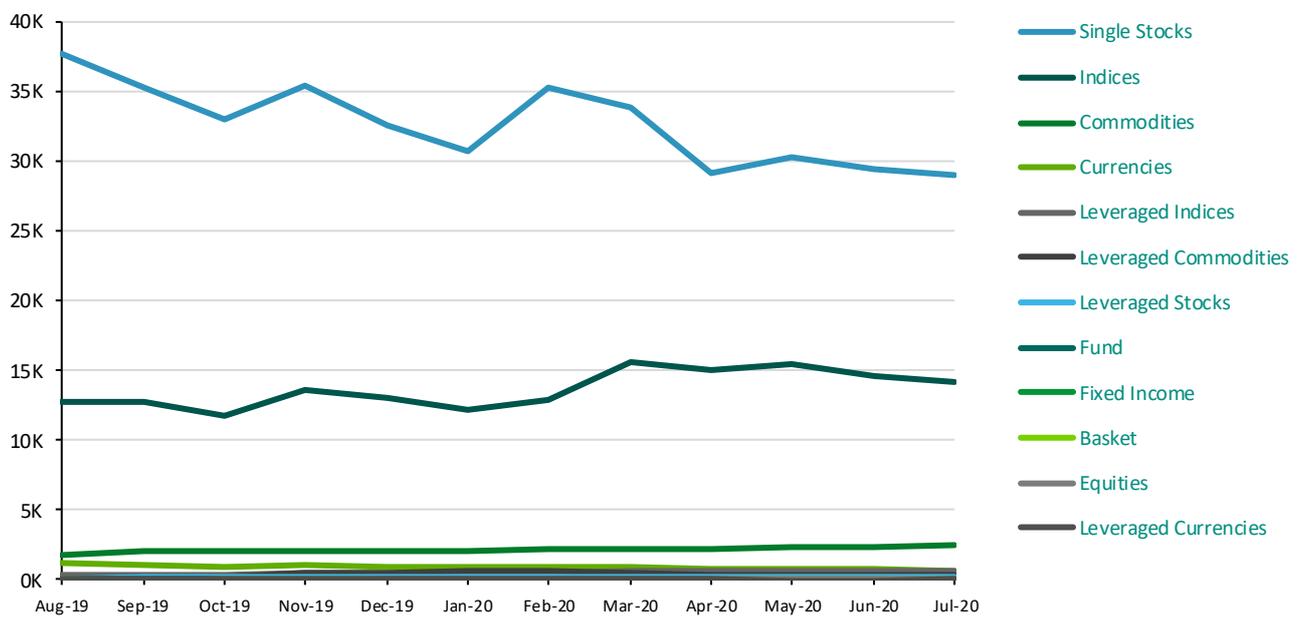
(Source Euronext)



# UNDERLYING TYPES

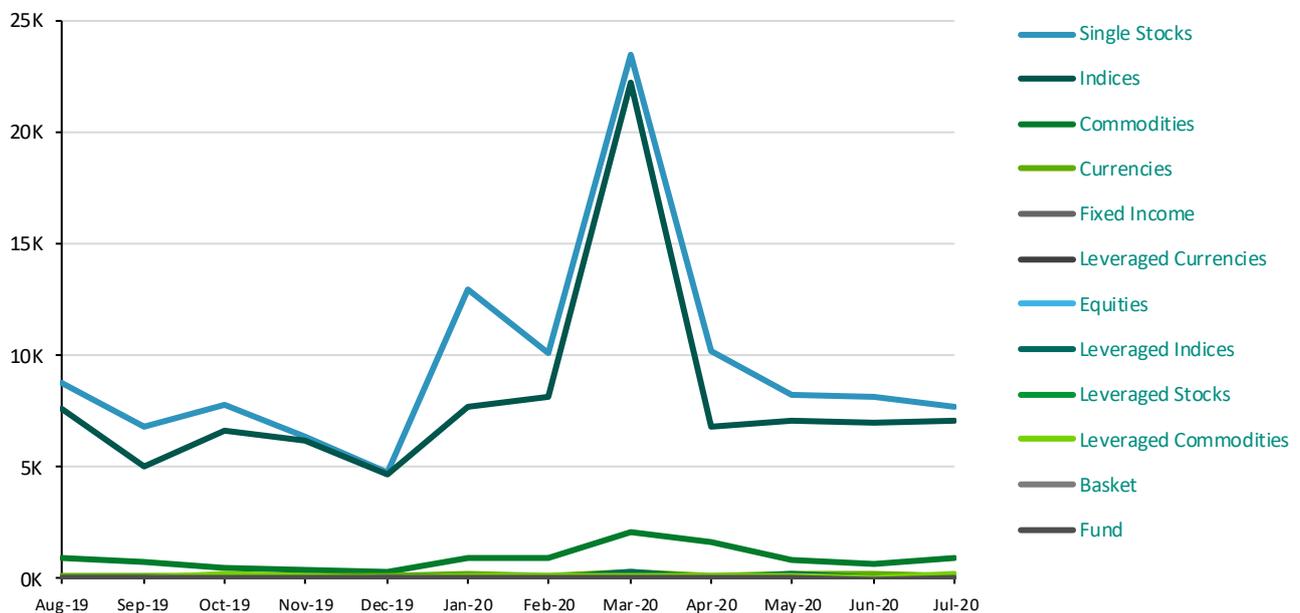
## Product Trend: Number of Live Products

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

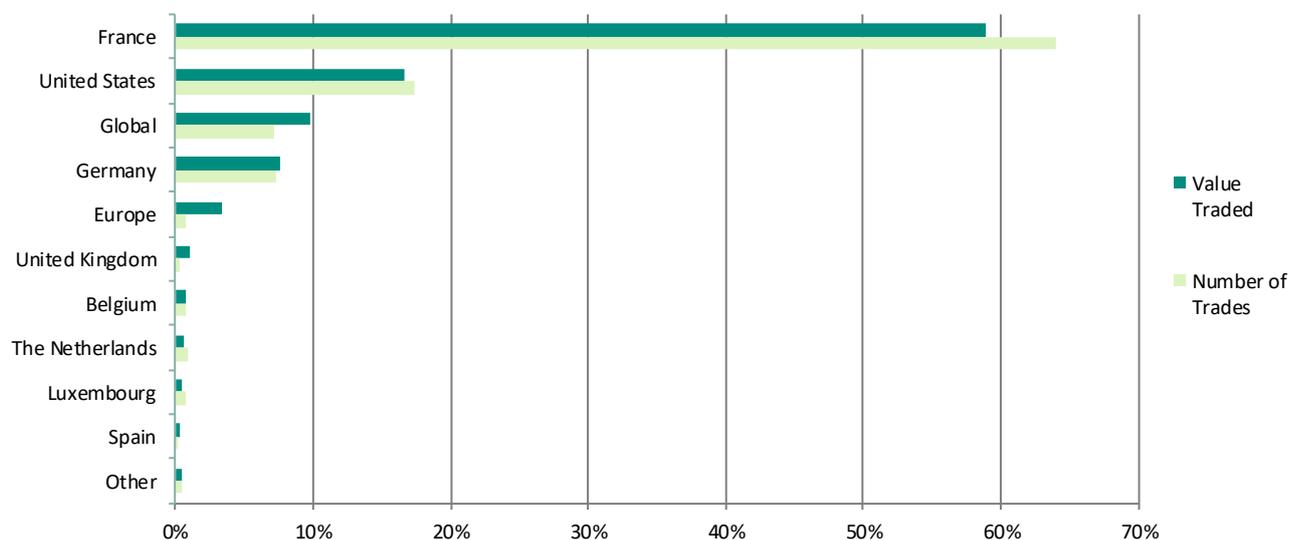
### Market Overview

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	10,579	-39%	-9.7%	58.9%	4,252	-27.5%	-7.9%	64.0%
United States	2,992	-26%	-0.3%	16.7%	1,158	0.1%	19.7%	17.4%
Global	1,758	1.7%	28%	9.8%	480	1.0%	-10.0%	7.2%
Germany	1,368	-45%	-8.4%	7.6%	489	-29%	-14.1%	7.4%
Europe	604	-64%	-46%	3.4%	48	-42%	-13.2%	0.7%
United Kingdom	173	308%	158%	1.0%	18	27%	-2.2%	0.3%
Belgium	140	-10.6%	40%	0.8%	50	-17.1%	26%	0.8%
The Netherlands	108	-6.8%	-36%	0.6%	63	22%	-29%	1.0%
Luxembourg	90	-36%	-25%	0.5%	54	-14.8%	1.1%	0.8%
Spain	50	421%	396%	0.3%	9.0	45%	92%	0.1%
Other	89	-14.5%	-9.1%	0.5%	27	-24%	-30%	0.4%
<b>Total</b>	<b>17,950</b>	<b>-35.9%</b>	<b>-6.8%</b>	<b>100%</b>	<b>6,649</b>	<b>-21.7%</b>	<b>-4.8%</b>	<b>100%</b>

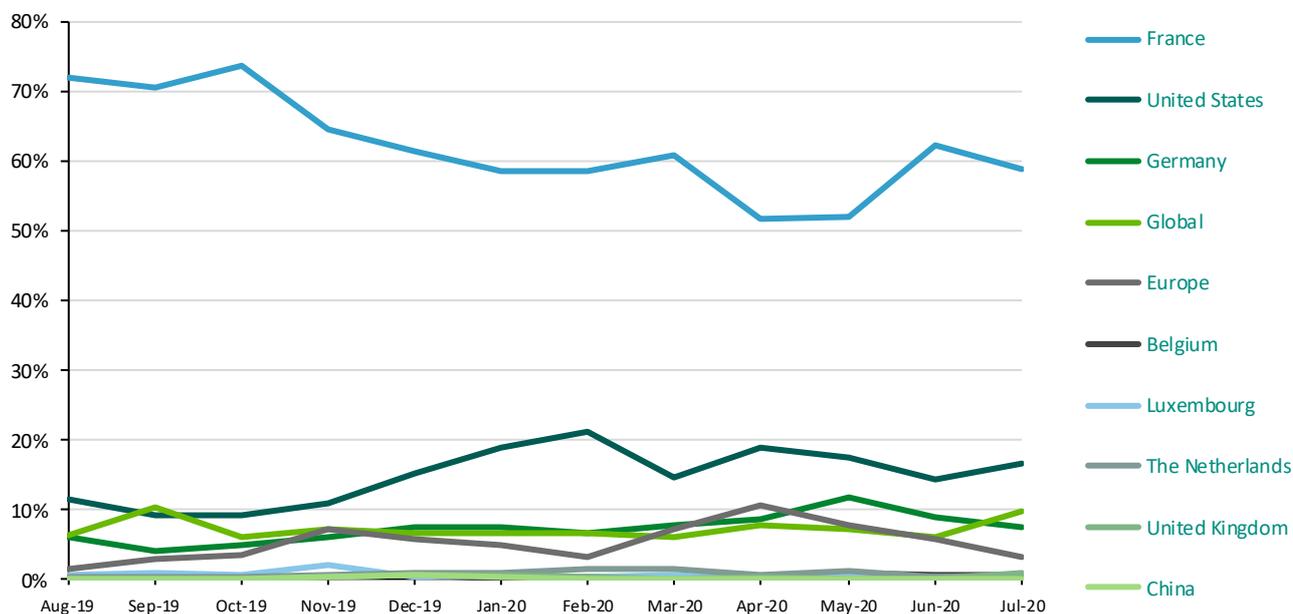
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

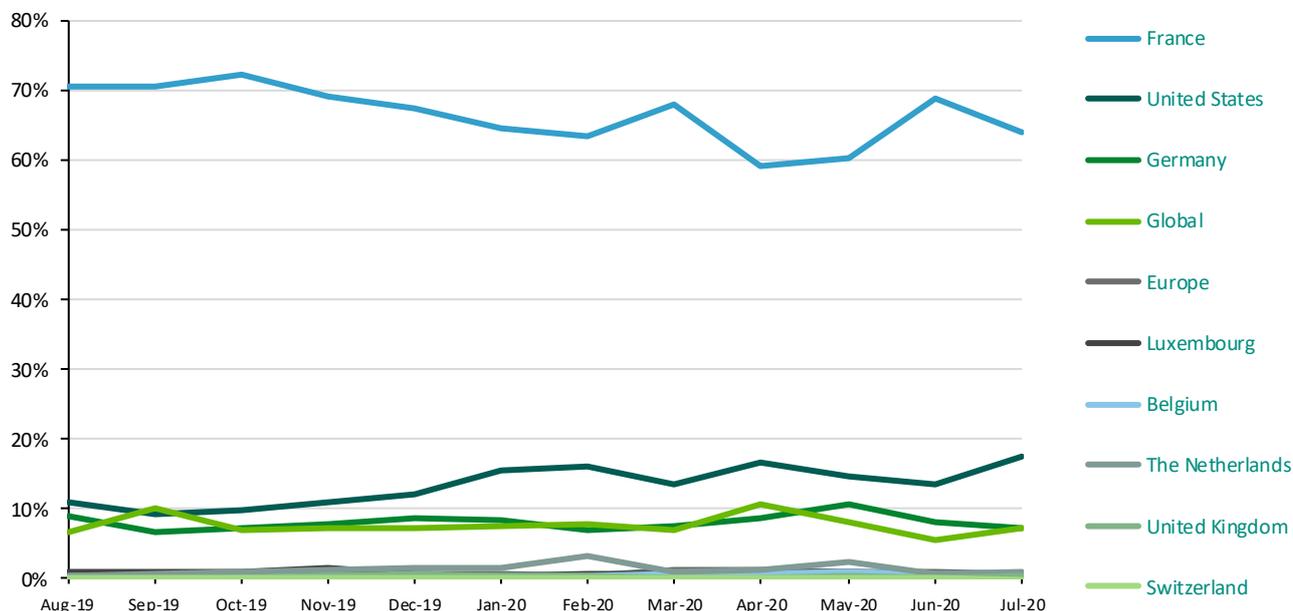
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

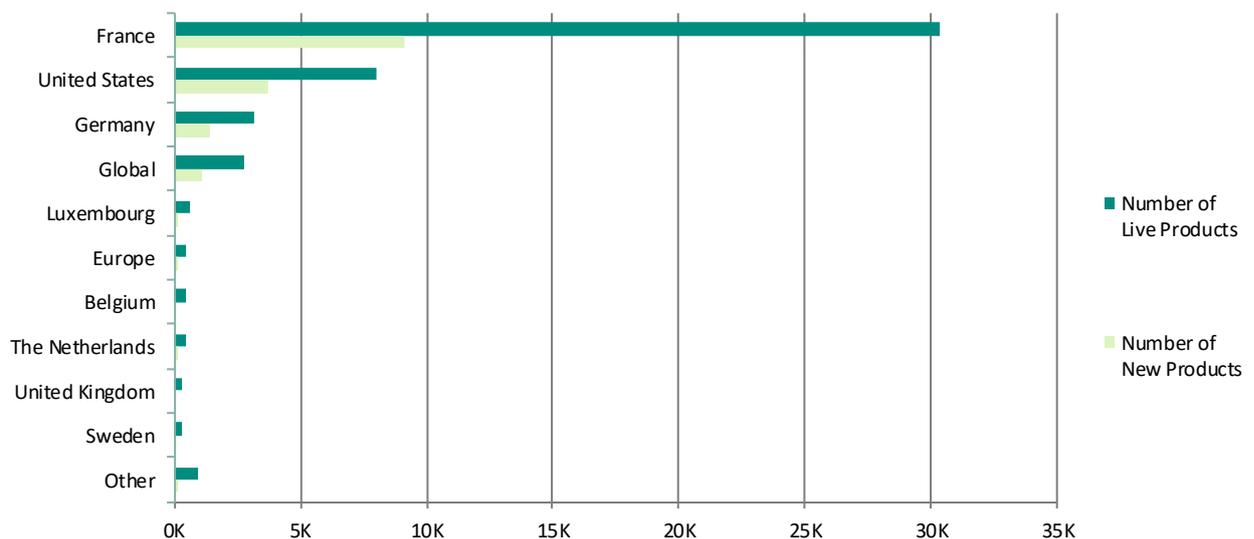
## Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	30,376	-1.3%	-4.3%	63.6%	9,133	-15.6%	-24%	56.6%
United States	8,024	-2.7%	-12.5%	16.8%	3,746	48%	9.2%	23.2%
Germany	3,194	-6.1%	-4.8%	6.7%	1,402	3.5%	-12.6%	8.7%
Global	2,733	5.4%	0.6%	5.7%	1,076	101%	17.8%	6.7%
Luxembourg	586	-4.7%	-1.6%	1.2%	115	-24%	-50%	0.7%
Europe	487	-4.5%	-3.4%	1.0%	101	33%	-30%	0.6%
Belgium	448	1.5%	-6.6%	0.9%	72	-54%	-38%	0.4%
The Netherlands	441	-7.9%	0.2%	0.9%	151	14.4%	-20%	0.9%
United Kingdom	326	-6.7%	-19.9%	0.7%	85	60%	18.5%	0.5%
Sweden	268	9.2%	18.3%	0.6%	79	32%	28%	0.5%
Other	900	2.1%	-11.7%	1.9%	176	66%	-9.1%	1.1%
<b>Total</b>	<b>47,784</b>	<b>-1.6%</b>	<b>-5.7%</b>	<b>100%</b>	<b>16,136</b>	<b>1.1%</b>	<b>-14.7%</b>	<b>100%</b>

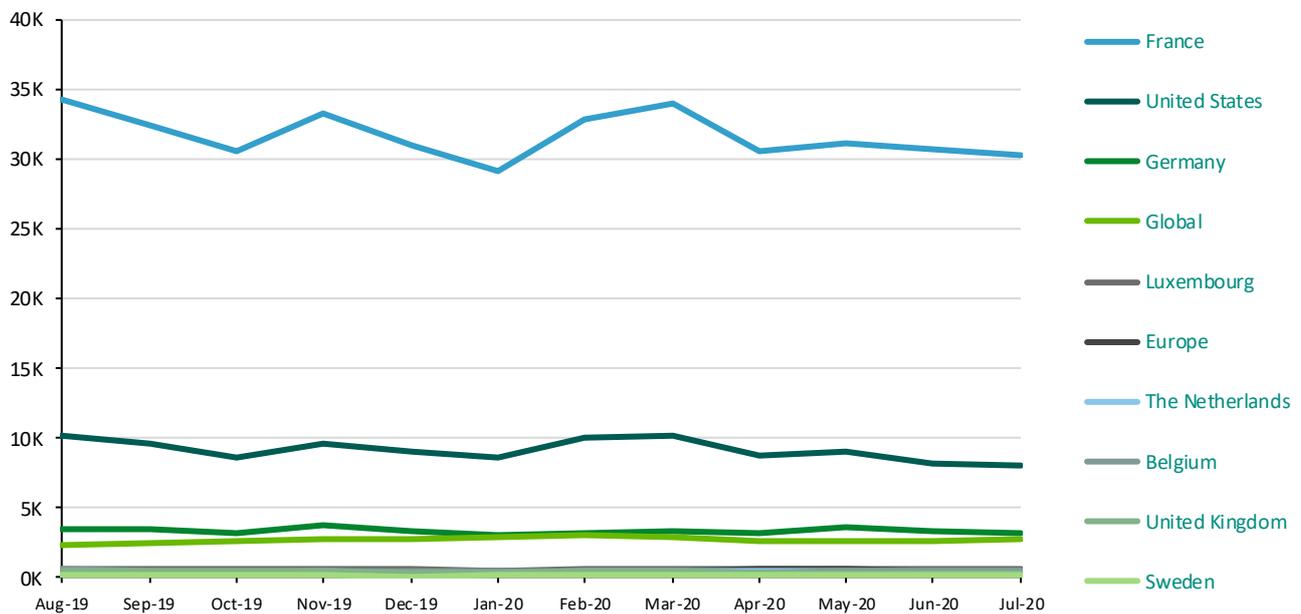
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

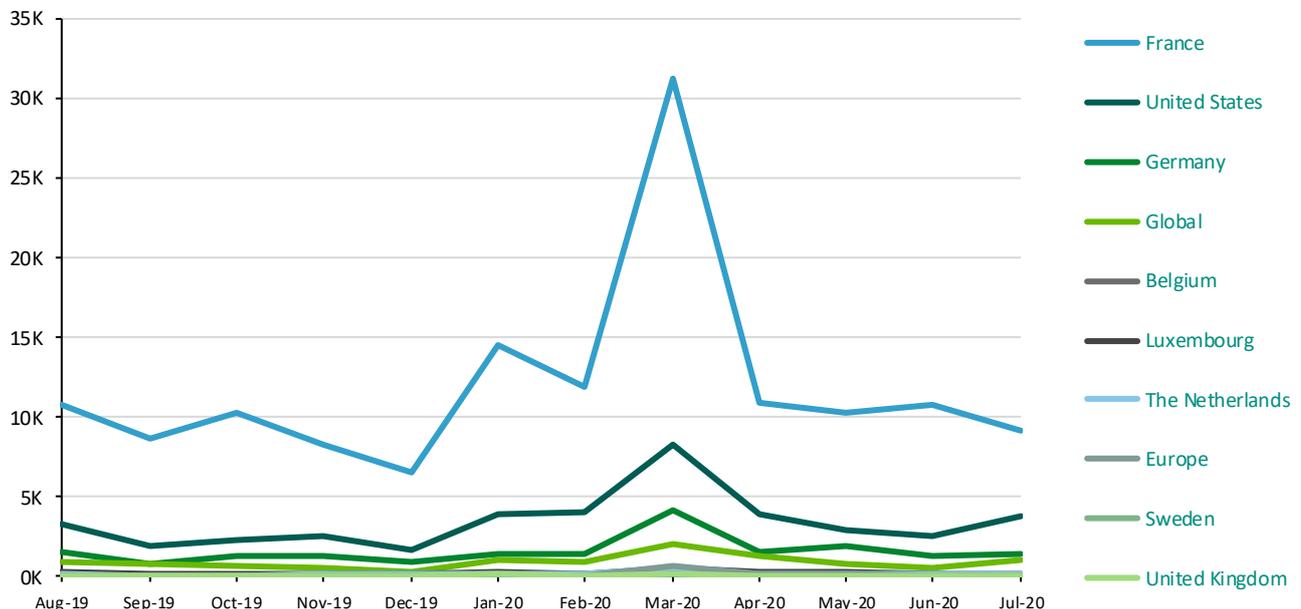
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

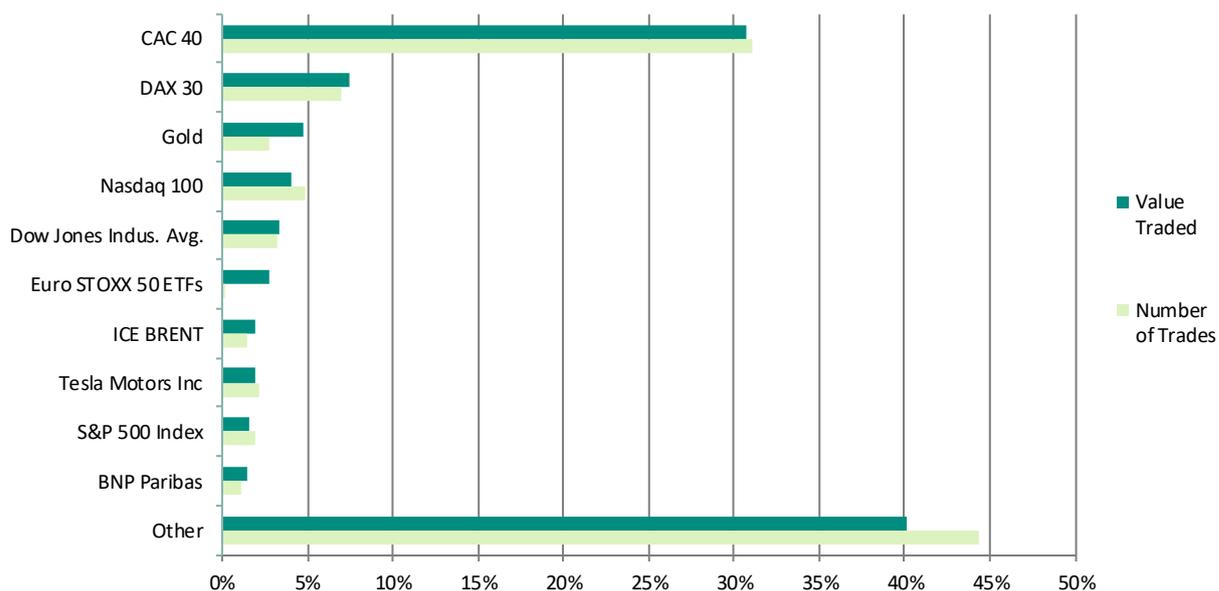
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	5,509	-38%	-7.3%	30.7%	2,069	-22.7%	-4.7%	31.1%
DAX 30	1,341	-43%	-1.2%	7.5%	465	-26%	-10.7%	7.0%
Gold	862	133%	96%	4.8%	185	24%	20%	2.8%
Nasdaq 100	731	-29%	20%	4.1%	321	1.0%	56%	4.8%
Dow Jones Indus. Avg.	596	-56%	-32%	3.3%	216	-9.9%	-1.4%	3.2%
Euro STOXX 50 ETFs	485	-67%	-52%	2.7%	12	-37%	-19.8%	0.2%
ICE BRENT	348	-68%	-21%	1.9%	94	-54%	-50%	1.4%
Tesla Motors Inc	337	149%	34%	1.9%	140	105%	61%	2.1%
S&P 500 Index	278	-51%	-30%	1.5%	129	-27%	-18.9%	1.9%
BNP Paribas	258	-44%	42%	1.4%	72	-39%	5.8%	1.1%
Other	7,205	-30%	-7.1%	40.1%	2,945	-24%	-7.9%	44.3%
<b>Total</b>	<b>17,950</b>	<b>-35.9%</b>	<b>-6.8%</b>	<b>100%</b>	<b>6,649</b>	<b>-21.7%</b>	<b>-4.8%</b>	<b>100%</b>

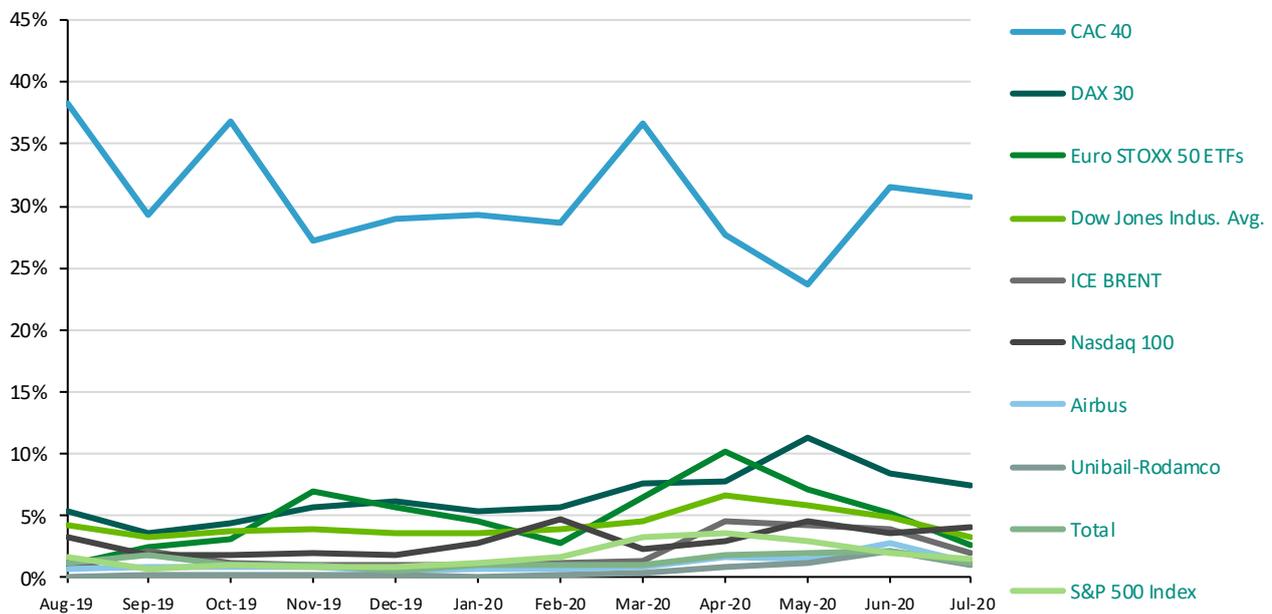
(Source Euronext)



# TOP 10 UNDERLYINGS

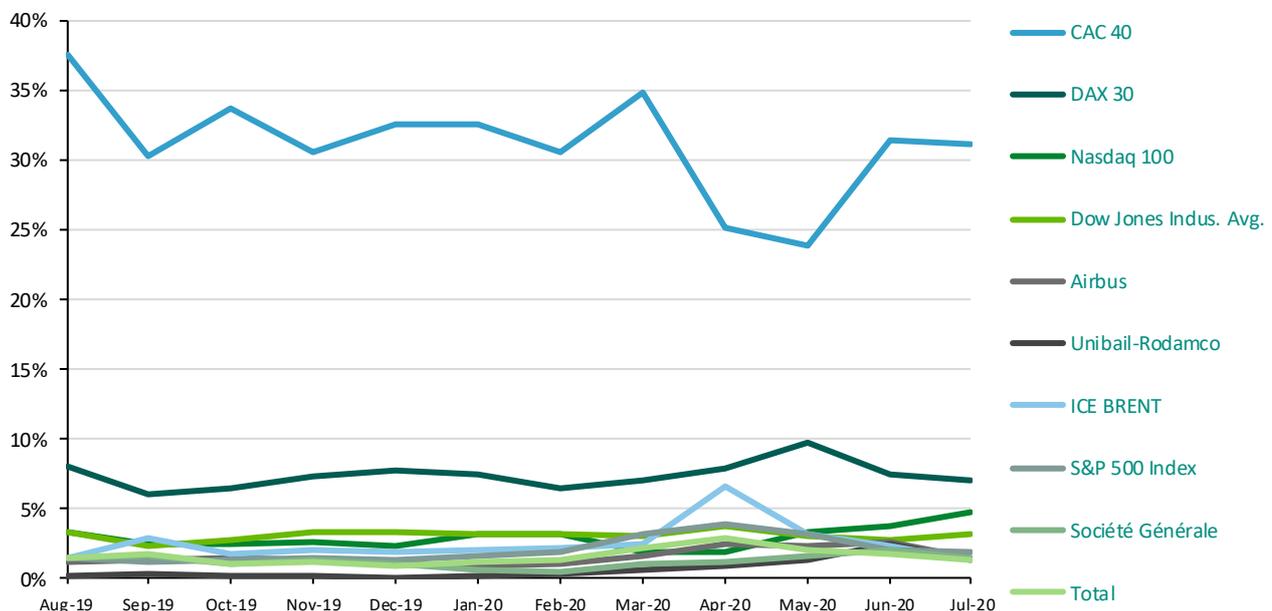
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYINGS

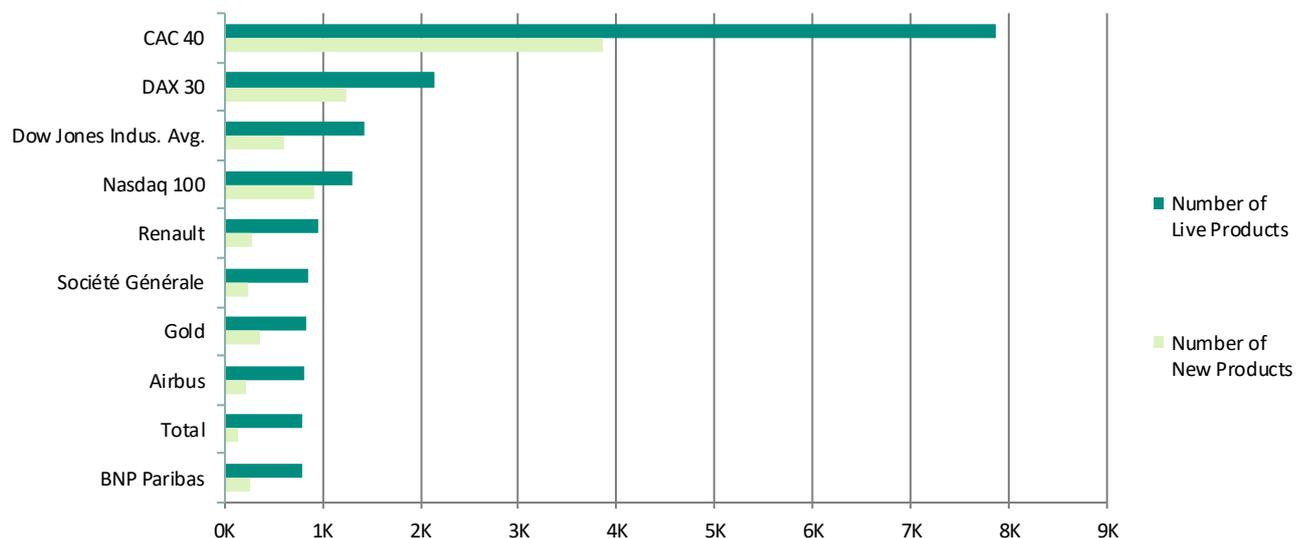
## Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	7,858	-0.6%	9.0%	16.4%	3,858	-10.3%	-14.8%	23.9%
DAX 30	2,149	-3.5%	5.4%	4.5%	1,245	13.3%	-0.7%	7.7%
Dow Jones Indus. Avg.	1,424	-8.9%	-0.1%	3.0%	605	-19.9%	-30%	3.7%
Nasdaq 100	1,313	-1.2%	-1.2%	2.7%	908	81%	25%	5.6%
Renault	950	-4.2%	1.4%	2.0%	271	-21%	-28%	1.7%
Société Générale	854	1.4%	5.6%	1.8%	232	-24%	-22%	1.4%
Gold	827	7.2%	6.6%	1.7%	367	138%	60%	2.3%
Airbus	822	-0.1%	9.5%	1.7%	227	-29%	-29%	1.4%
Total	799	-3.7%	-0.1%	1.7%	148	-23%	-51%	0.9%
BNP Paribas	785	1.3%	-2.3%	1.6%	259	-15.6%	-10.7%	1.6%
Other	30,003	-1.6%	-11.2%	62.8%	8,016	4.2%	-17.7%	49.7%
<b>Total</b>	<b>47,784</b>	<b>-1.6%</b>	<b>-5.7%</b>	<b>100%</b>	<b>16,136</b>	<b>1.1%</b>	<b>-14.7%</b>	<b>100%</b>

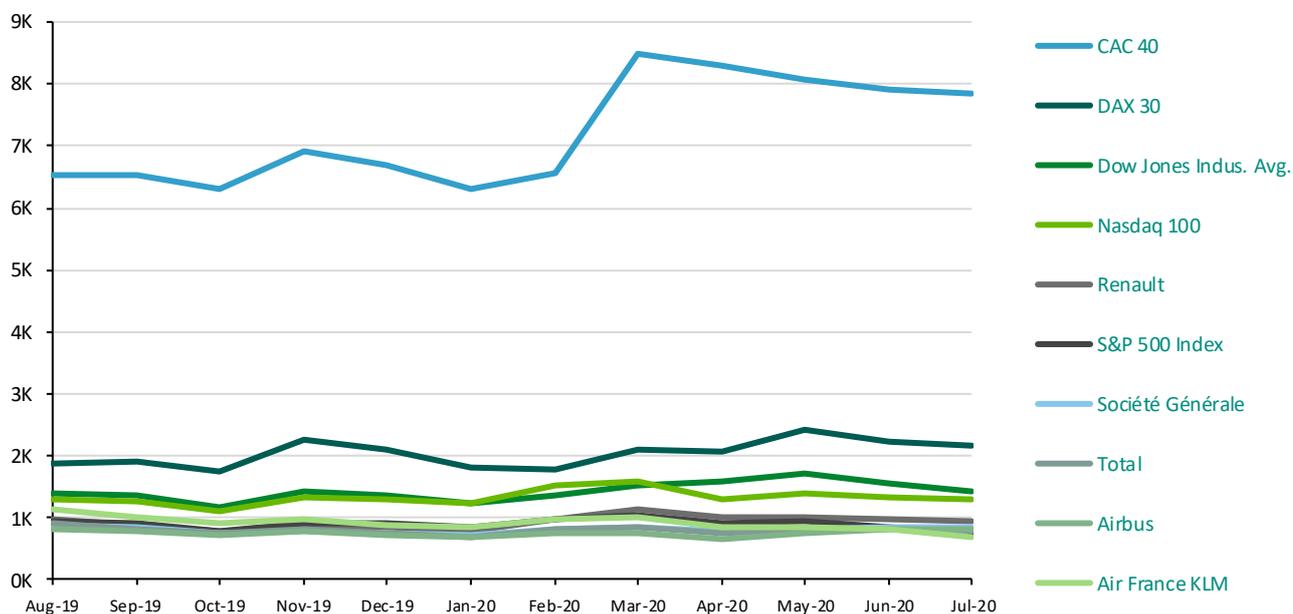
(Source Euronext)



# TOP 10 UNDERLYINGS

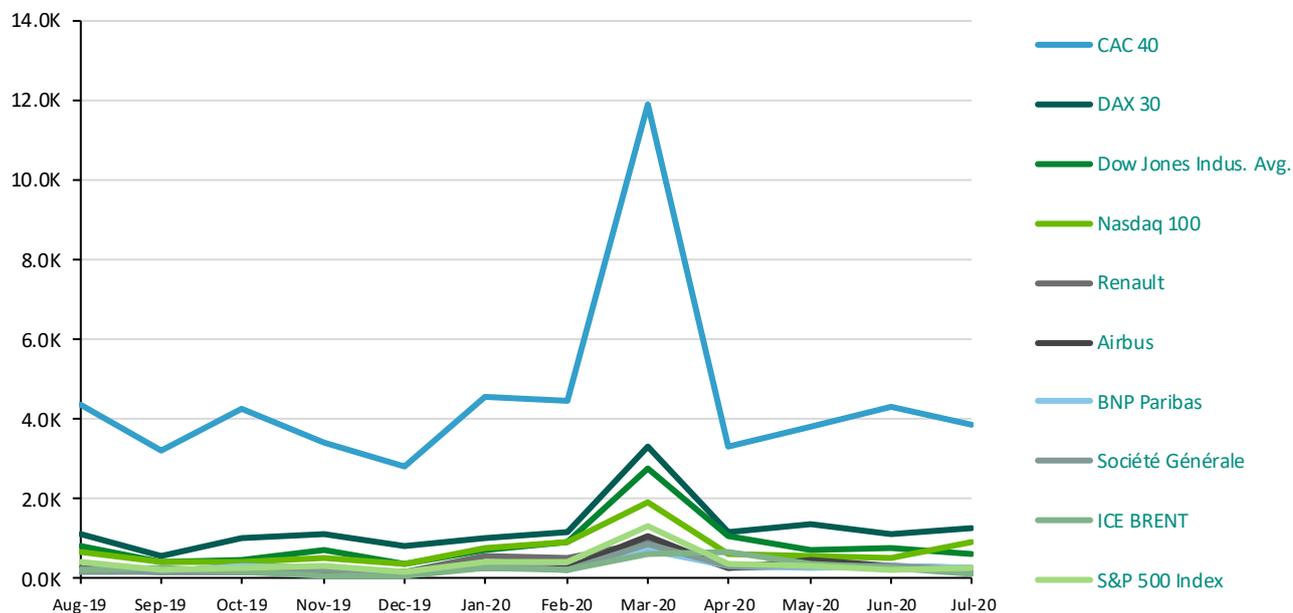
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euroclear 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
NL0013666258	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	8,015	60
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	6,671	112
FRBNPP01R443	BNP Paribas	2210	Mini-Futures	CAC 40	3,583	160
FRBNPP01MNF6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	3,406	902
NL0014592909	BNP Paribas	2100	Warrants	Crédit Agricole	3,266	167
NL0014174278	BNP Paribas	2100	Warrants	CAC 40	2,592	137
FRBNPP01JQV2	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,537	226
FRBNPP01MND1	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,510	223
FRBNPP01PEW3	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	2,149	434
FRBNPP01FIW5	BNP Paribas	2210	Mini-Futures	CAC 40	2,141	76
DE000VE71E09	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	2,130	184
DE000VP37995	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	2,030	498
DE000KB0W760	Citi	2205	Open-End Knock-Out Warrants	CAC 40	2,018	46
FRBNPP01IUZ7	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,924	268
FRBNPP01P9G1	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,644	115
DE000KB4UXZ3	Citi	2210	Mini-Futures	CAC 40	1,575	532
FRBNPP01DSV1	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,561	124
FRBNPP01JMO6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,560	431
FRBNPP01JJF0	BNP Paribas	2210	Mini-Futures	Air Liquide	1,500	42
DE000KB4WB41	Citi	2200	Knock-Out Warrants	EUR/USD	1,461	35
NL0014461311	ING	2205	Open-End Knock-Out Warrants	Gold	1,430	42
NL0006191470	BNP Paribas	1300	Tracker Certificates	Precious Metals Basket	1,407	30
FRBNPP01Q4D8	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,393	158
DE000CL5AN89	Société Générale	2300	Constant Leverage Certificate	CAC 40	1,391	510
DE000VP38ZP4	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	1,350	206
DE000SB2C547	Société Générale	2100	Warrants	CAC 40	1,316	81
DE000VP31H77	Vontobel	2205	Open-End Knock-Out Warrants	Euro STOXX 50	1,286	289
DE000KB4V4Z1	Citi	2205	Open-End Knock-Out Warrants	CAC 40	1,262	90
NL0013666241	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	1,223	44
DE000CL372S9	Société Générale	2205	Open-End Knock-Out Warrants	CAC 40	1,218	287
DE000VP38B68	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	1,203	81
FRBNPP01PB43	BNP Paribas	2200	Knock-Out Warrants	DAX 30	1,129	100
FRBNPP01RMA8	BNP Paribas	2205	Open-End Knock-Out Warrants	ICE BRENT	1,115	146
FRBNPP017V73	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,087	82
DE000VP567F4	Vontobel	2205	Open-End Knock-Out Warrants	Silver	1,074	291
DE000CL38J83	Société Générale	2205	Open-End Knock-Out Warrants	NYMEX LS CRUDE	1,029	348
DE000CL39DY0	Société Générale	2100	Warrants	BNP Paribas	1,003	99
FRBNPP01QPJ4	BNP Paribas	2300	Constant Leverage Certificate	DAX 30	992	17
NL0014595720	BNP Paribas	2100	Warrants	Crédit Agricole	975	56
FRBNPP01EXP1	BNP Paribas	2210	Mini-Futures	Euro STOXX 50	923	150
DE000CL1GL89	Société Générale	2300	Constant Leverage Certificate	CAC 40	876	559
DE000CL37VH1	Société Générale	2205	Open-End Knock-Out Warrants	CAC 40	867	173
DE000SB2GB12	Société Générale	2205	Open-End Knock-Out Warrants	ICE BRENT	856	98
DE000VP38AA9	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	845	46
DE000KB4VZN2	Citi	2210	Mini-Futures	Nasdaq 100	797	347
FRBNPP01QQL3	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	792	50
FR0013503141	Société Générale	1250	Capped Bonus Certificates	Technip FMC	780	81
DE000VP379X7	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	767	50
FRSGE001AFS2	Société Générale	1250	Capped Bonus Certificates	Technip FMC	763	94
DE000CL37Y28	Société Générale	2100	Warrants	Kering	754	44

(Source Euronext)



# Euroclear Nederland Instruments

# ISSUERS

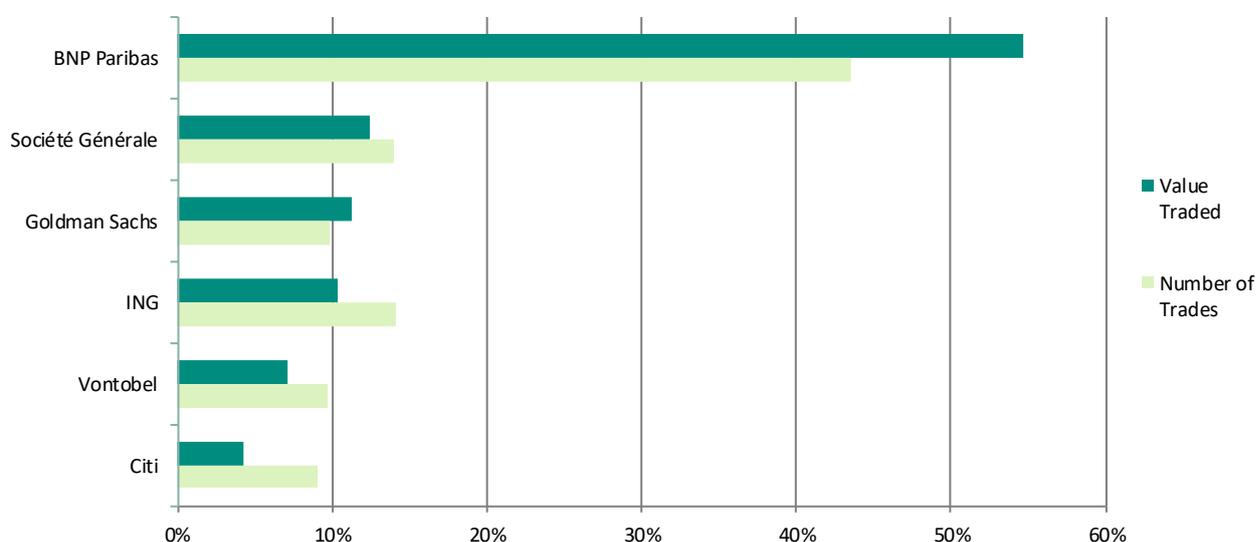
## Market Overview

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	11,556	-22%	-9.6%	54.6%	3,369	-20.7%	-5.0%	43.5%
Société Générale	2,618	0.2%	118%	12.4%	1,076	-6.1%	90.4%	13.9%
Goldman Sachs	2,388	2.7%	-13.4%	11.3%	757	-0.9%	-19.6%	9.8%
ING	2,191	-35%	-41%	10.4%	1,088	-20.7%	-19.7%	14.1%
Vontobel	1,507	-37%	-29%	7.1%	748	14.9%	-24.8%	9.7%
Citi	894	-20.0%	-8.8%	4.2%	698	-15.9%	3.3%	9.0%
<b>Total</b>	<b>21,154</b>	<b>-20.7%</b>	<b>-16.2%</b>	<b>100%</b>	<b>7,735</b>	<b>-14.2%</b>	<b>-13.3%</b>	<b>100%</b>

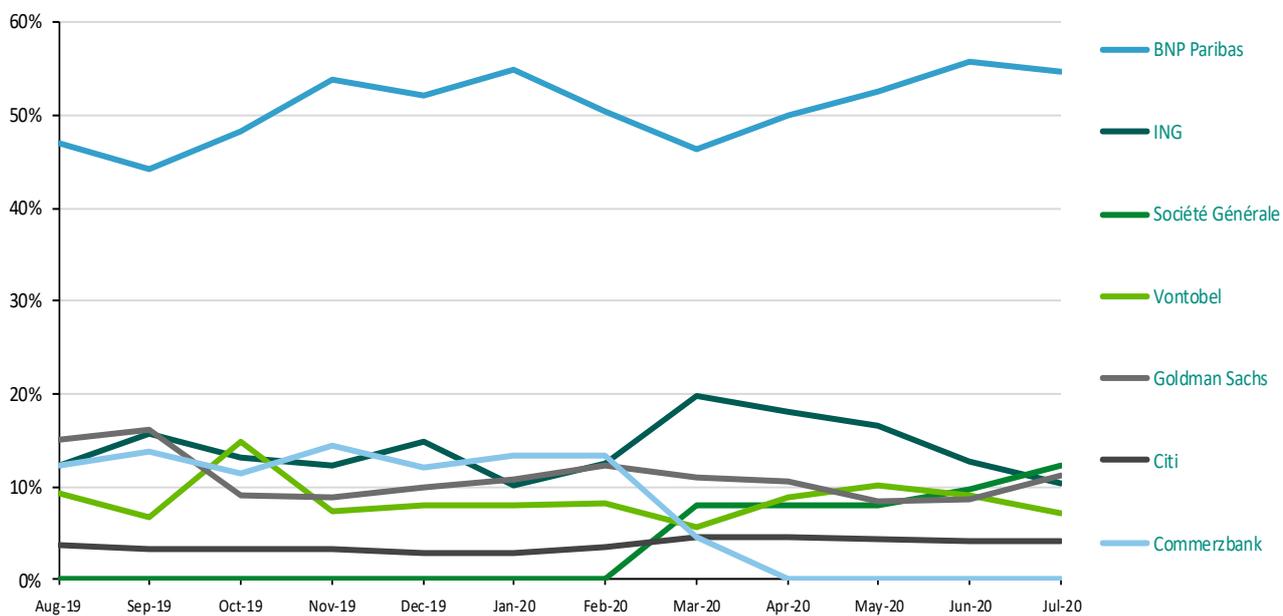
(Source Euronext)



# ISSUERS

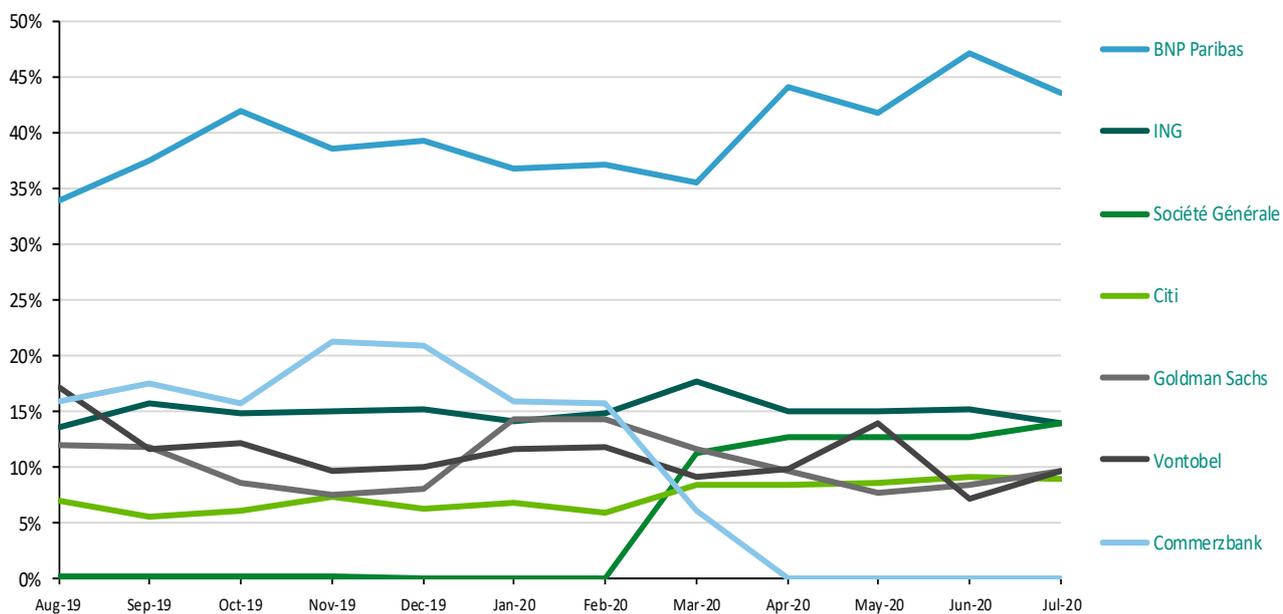
## Market Trend: Value traded

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

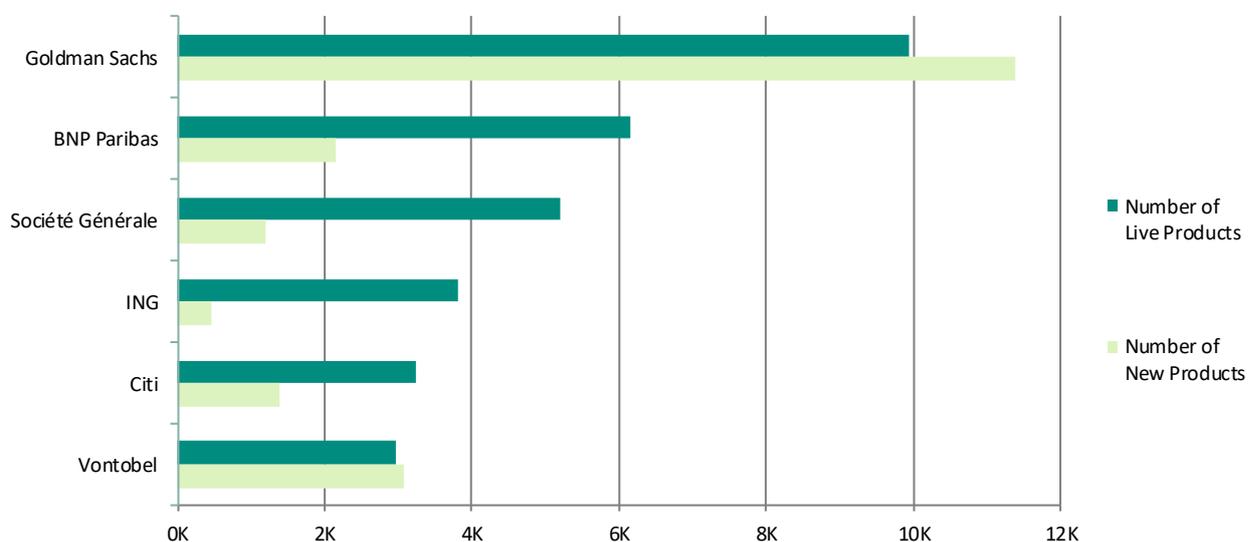
## Product Overview

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	9,938	22%	33%	31.8%	11,393	-18.8%	107%	58.0%
BNP Paribas	6,145	-10.2%	9.4%	19.6%	2,142	-38%	-20%	10.9%
Société Générale	5,201	-0.6%	166%	16.6%	1,199	-41%	30%	6.1%
ING	3,823	3.8%	14.1%	12.2%	462	-56%	-40%	2.4%
Citi	3,230	10.1%	22%	10.3%	1,380	-8.0%	28%	7.0%
Vontobel	2,953	27%	7.3%	9.4%	3,077	NA	50%	15.7%
Total	31,291	7.2%	16.7%	100%	19,653	-10.9%	44.0%	100%

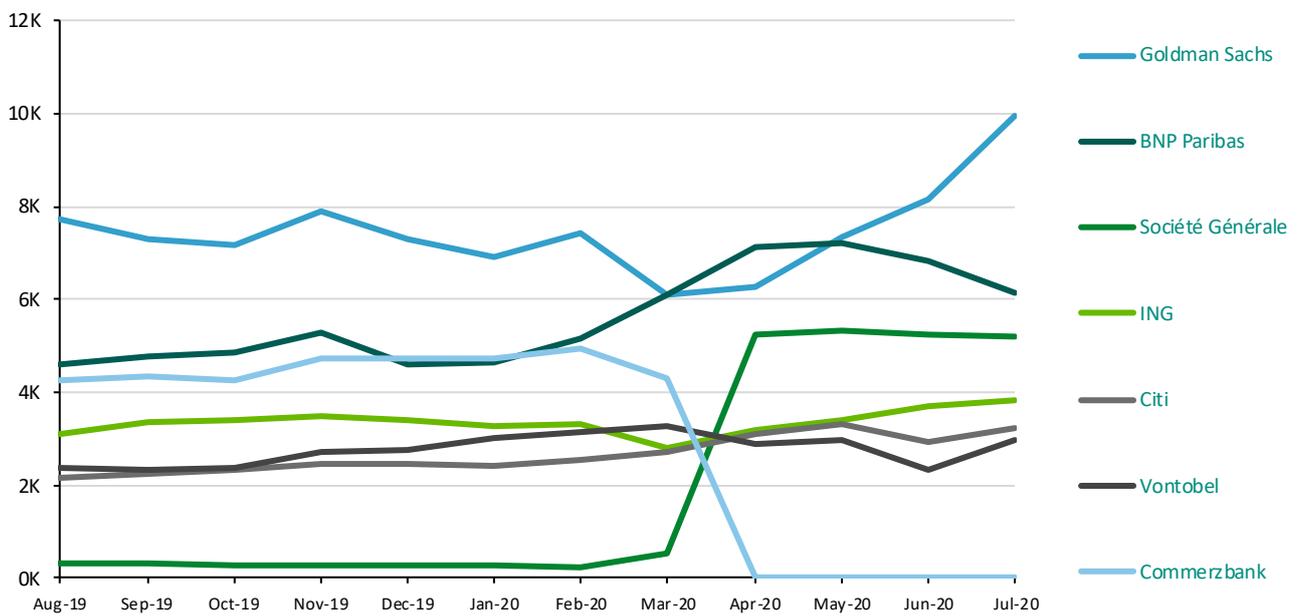
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# ISSUERS

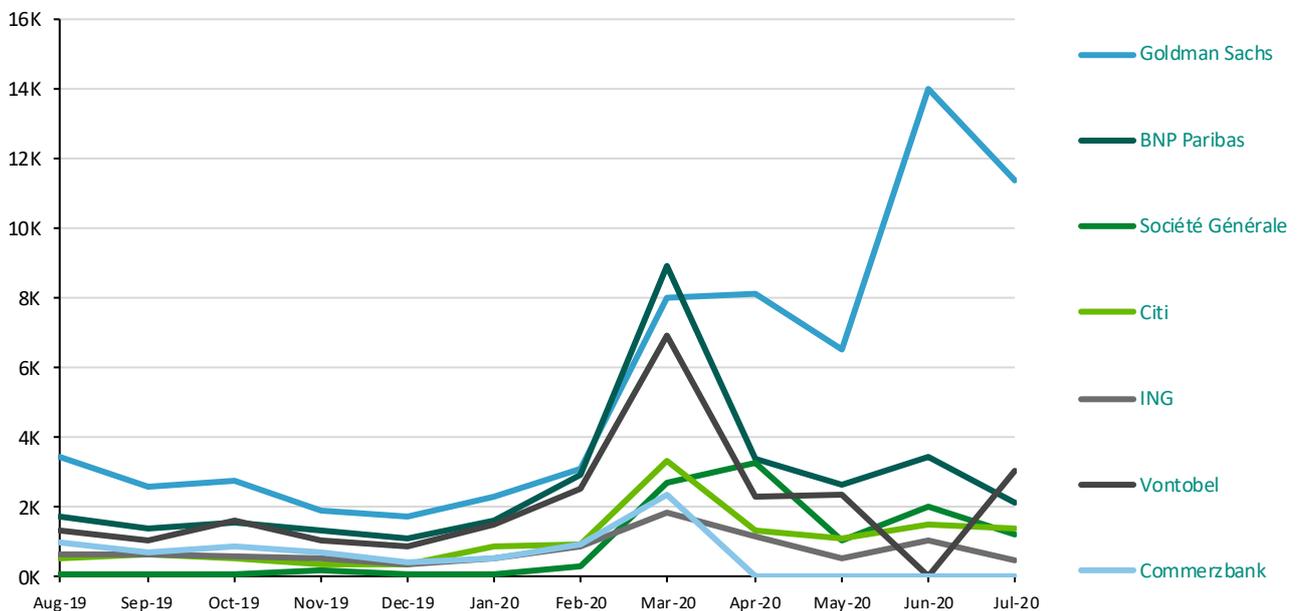
## Product Trend: Number of Live Products

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

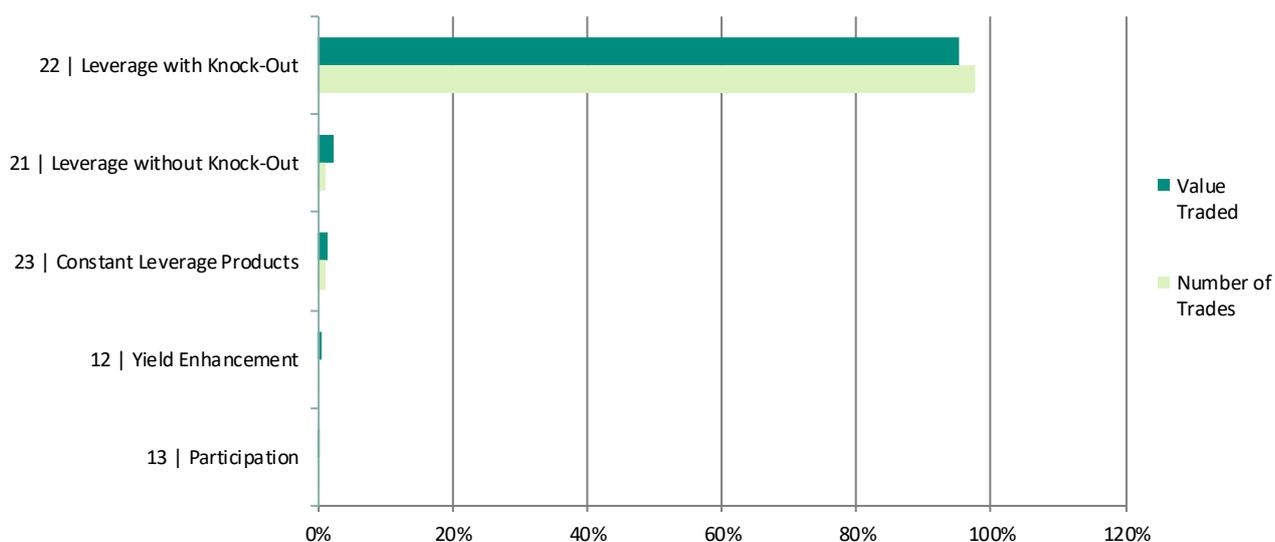
## Market Overview

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	20,174	-16.4%	-13.1%	95.4%	7,554	-12.9%	-12.3%	97.7%
21   Leverage without Knock-Out	495	-64%	-65%	2.3%	79	-58.0%	-50.6%	1.0%
23   Constant Leverage Products	320	-68%	-22%	1.5%	83	-38.8%	-35.2%	1.1%
12   Yield Enhancement	133	-4.1%	-26%	0.6%	16	36.8%	-8.5%	0.2%
13   Participation	32	167%	-9.0%	0.2%	3.9	25.2%	-24.3%	0.1%
<b>Total</b>	<b>21,154</b>	<b>-20.7%</b>	<b>-16.2%</b>	<b>100%</b>	<b>7,735</b>	<b>-14.2%</b>	<b>-13.3%</b>	<b>100%</b>

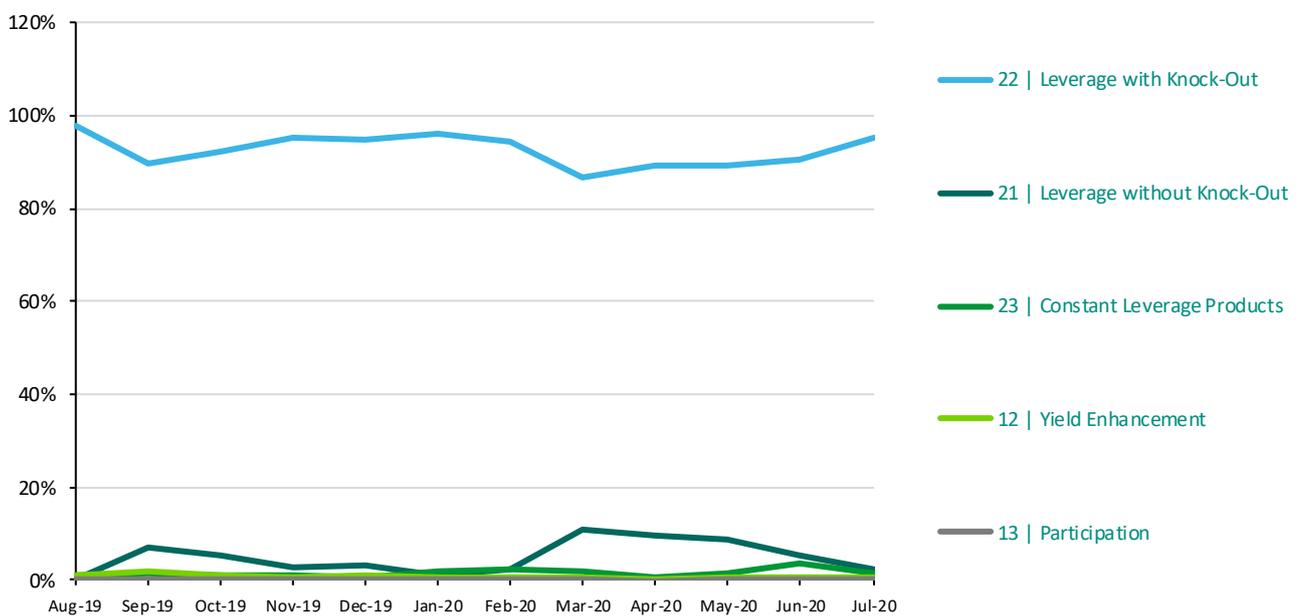
(Source Euronext)



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

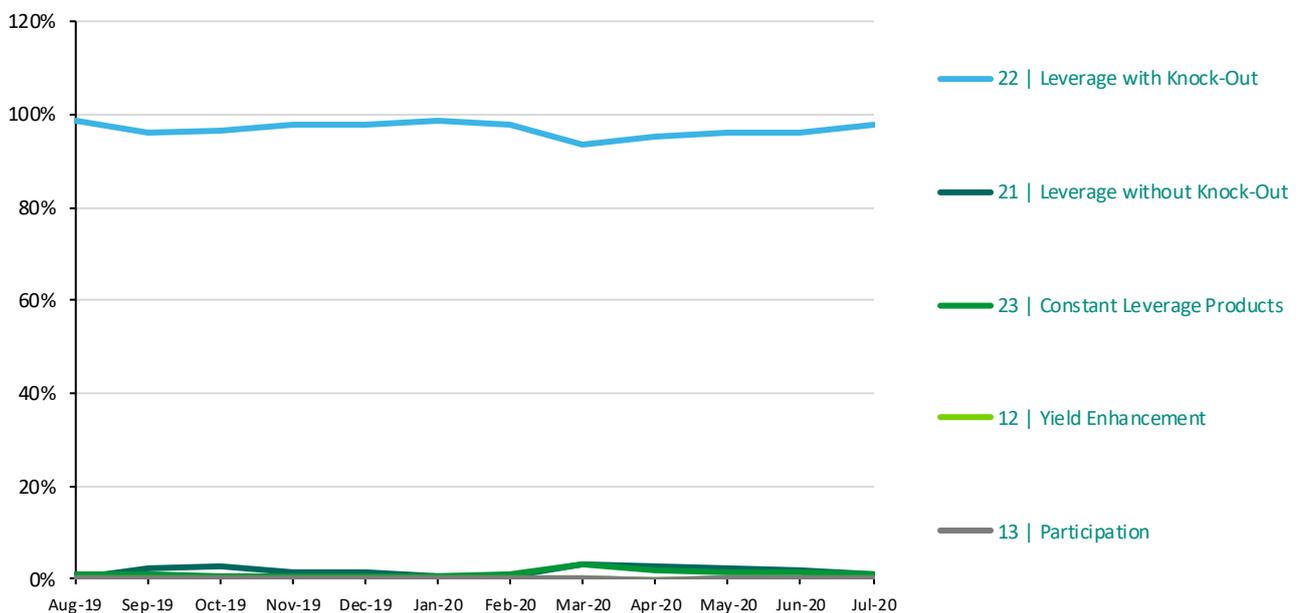
## Market Trend: Value traded

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

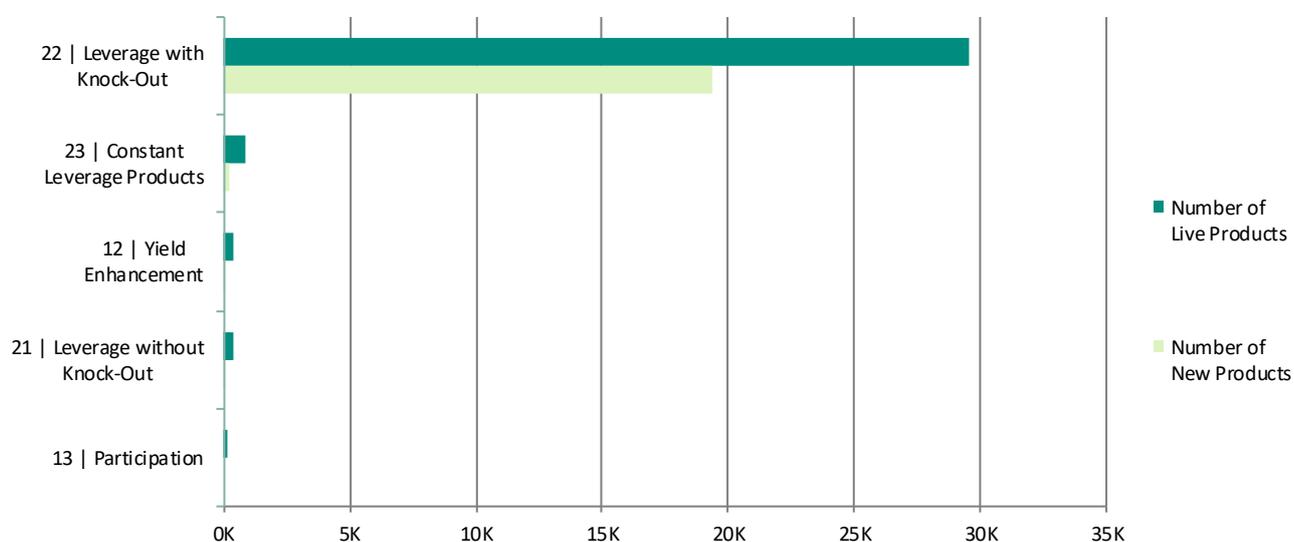
### Product Overview

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	29,584	8.0%	16.2%	94.5%	19,419	-11.2%	45%	98.8%
23   Constant Leverage Products	828	-1.9%	42%	2.6%	194		42%	1.0%
12   Yield Enhancement	383	-2.8%	26%	1.2%	14	-79%	-74%	0.1%
21   Leverage without Knock-Out	370	-11.0%	9.0%	1.2%	26	-76%	-54%	0.1%
13   Participation	125	-0.6%	-7.3%	0.4%	0	-100%	-100%	0.0%
<b>Total</b>	<b>31,291</b>	<b>7.2%</b>	<b>16.7%</b>	<b>100%</b>	<b>19,653</b>	<b>-10.9%</b>	<b>44.0%</b>	<b>100%</b>

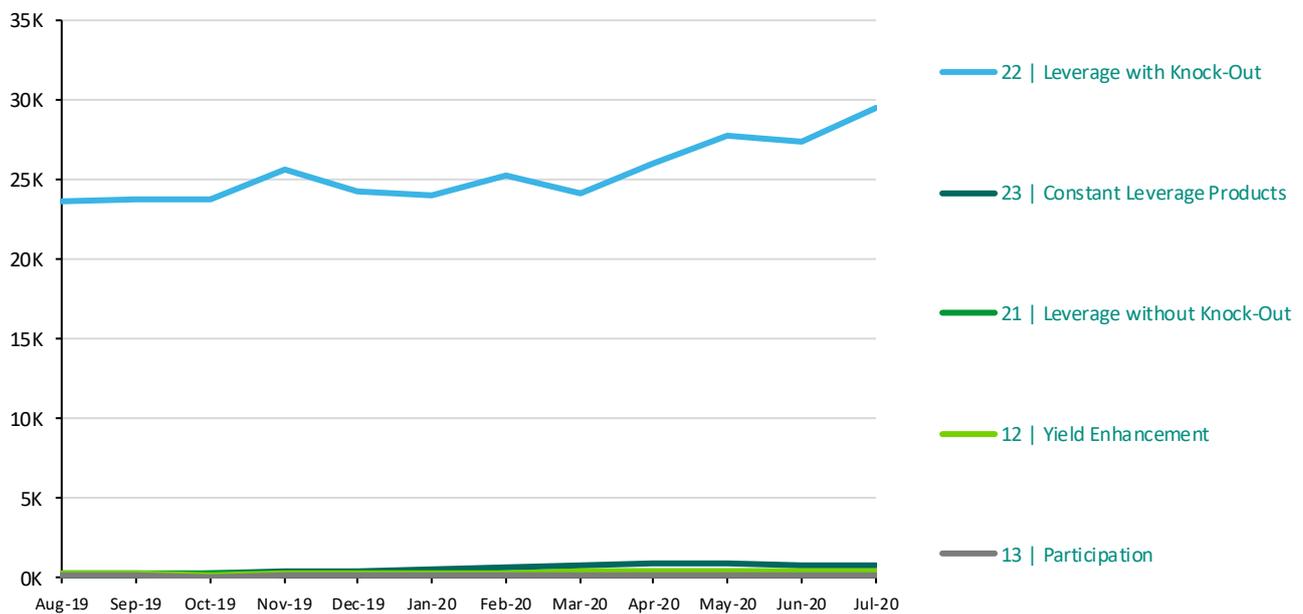
(Source Euronext)



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

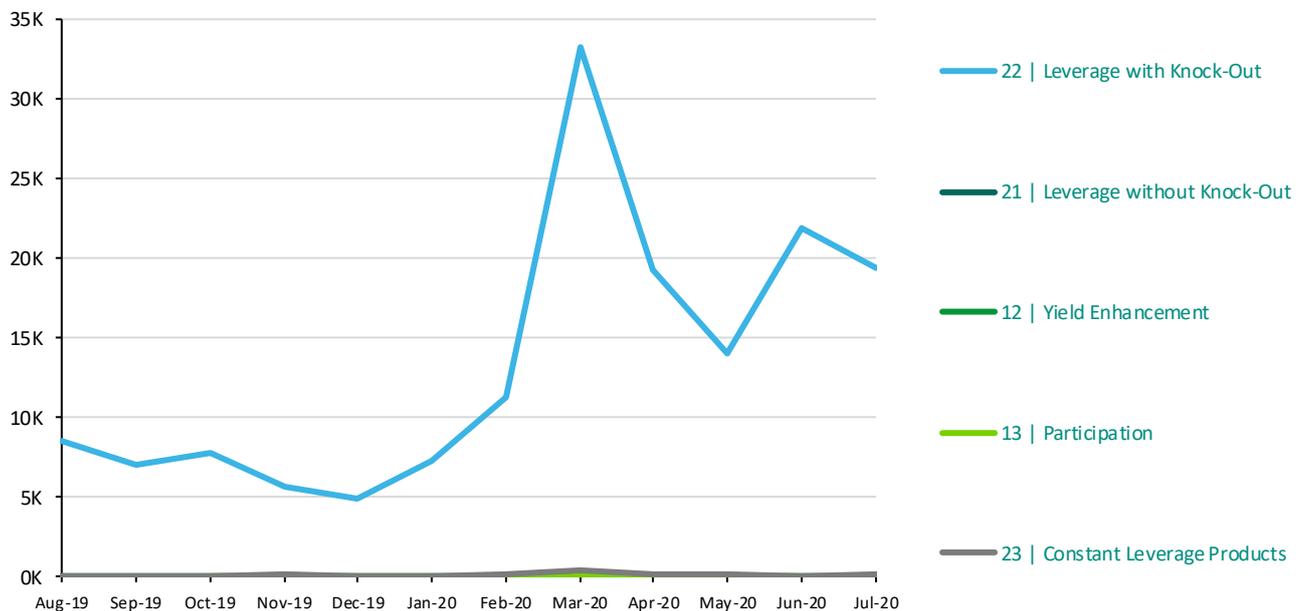
## Product Trend: Number of Live Products

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)

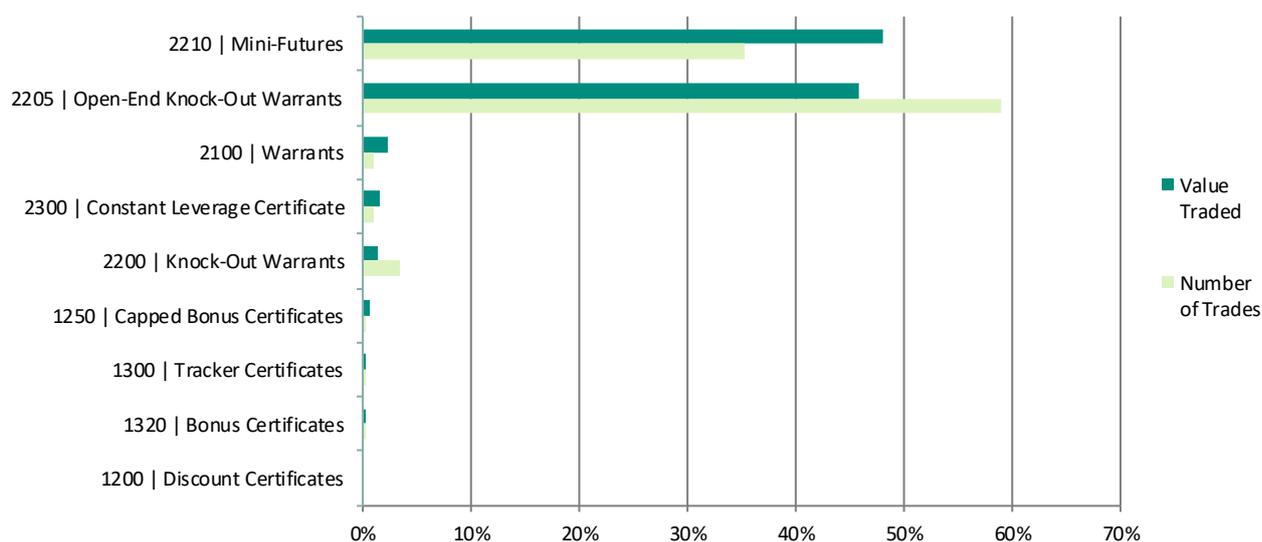
## Market Overview

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	10,188	-21%	-5.3%	48.2%	2,729	-13.9%	-4.8%	35.3%
2205   Open-End Knock-Out Warrants	9,692	-10.6%	-18.5%	45.8%	4,568	-11.4%	-15.4%	59.1%
2100   Warrants	495	-64%	-65%	2.3%	79	-58%	-51%	1.0%
2300   Constant Leverage Certificate	320	-68%	-22%	1.5%	83	-39%	-35%	1.1%
2200   Knock-Out Warrants	294	-16.8%	-48%	1.4%	257	-26%	-25%	3.3%
1250   Capped Bonus Certificates	133	-4.1%	-26%	0.6%	16	37%	-8.5%	0.2%
1300   Tracker Certificates	29	320%	26%	0.1%	3.0	76%	6.9%	0.0%
1320   Bonus Certificates	4	-33%	-72%	0.0%	0.9	-35%	-61%	0.0%
1200   Discount Certificates	0			0.0%	0.0			0.0%
<b>Total</b>	<b>21,154</b>	<b>-21%</b>	<b>-16.2%</b>	<b>100%</b>	<b>7,735</b>	<b>-14.2%</b>	<b>-13.3%</b>	<b>100%</b>

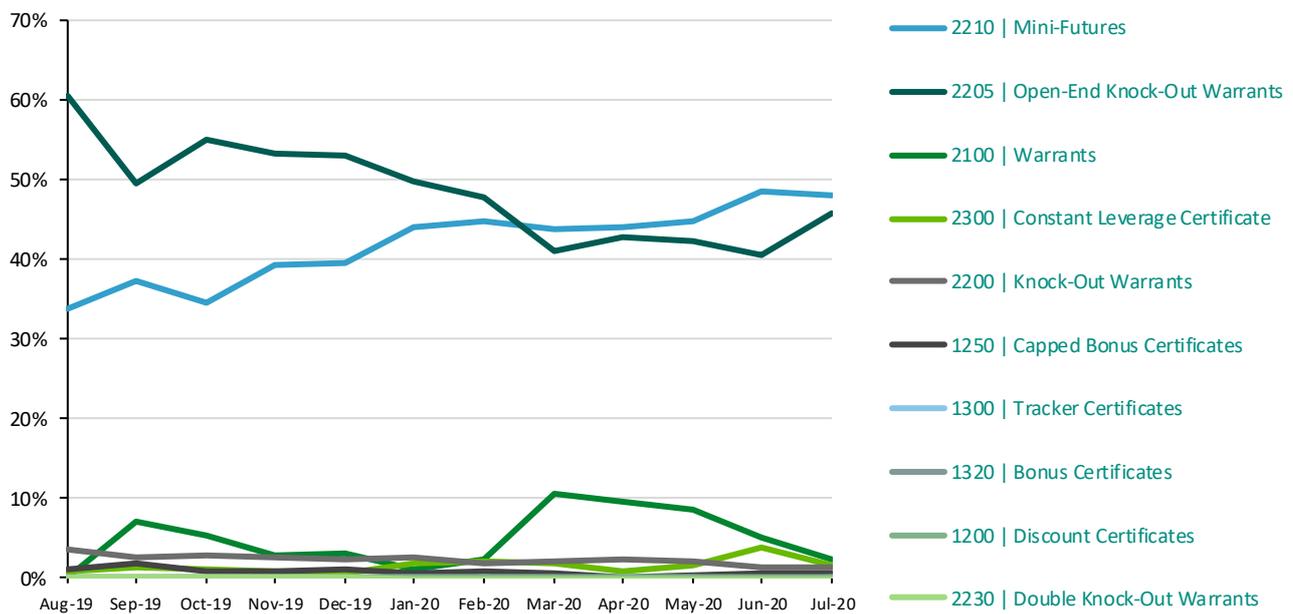
(Source Euronext)



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

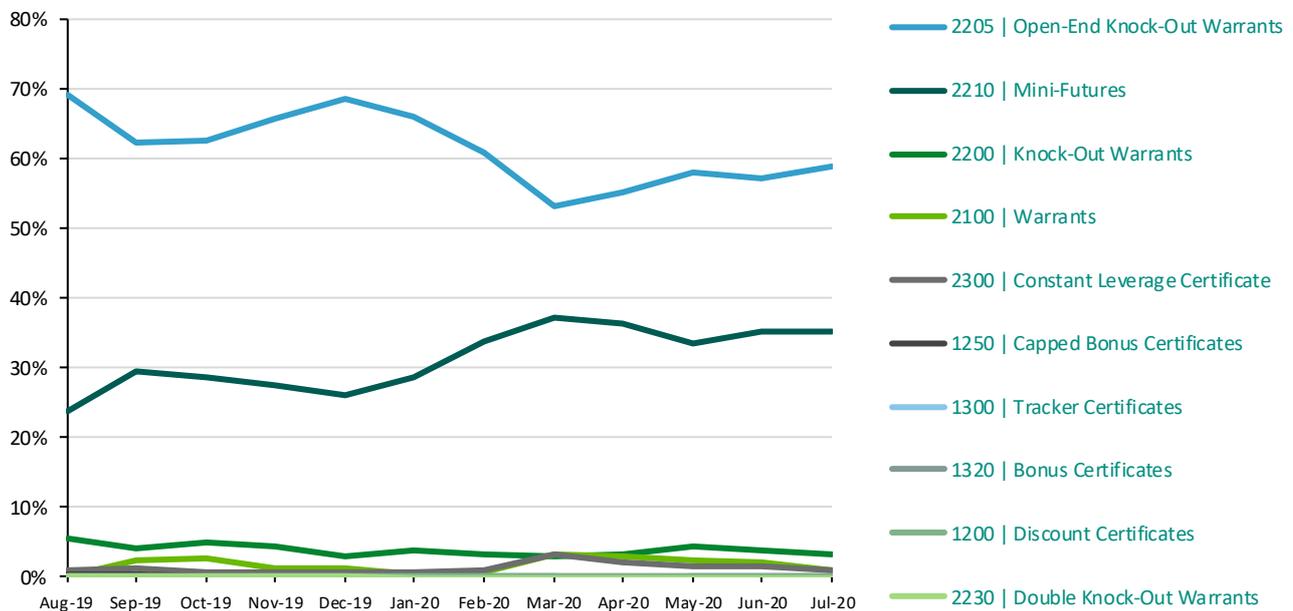
## Market Trend: Value traded

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

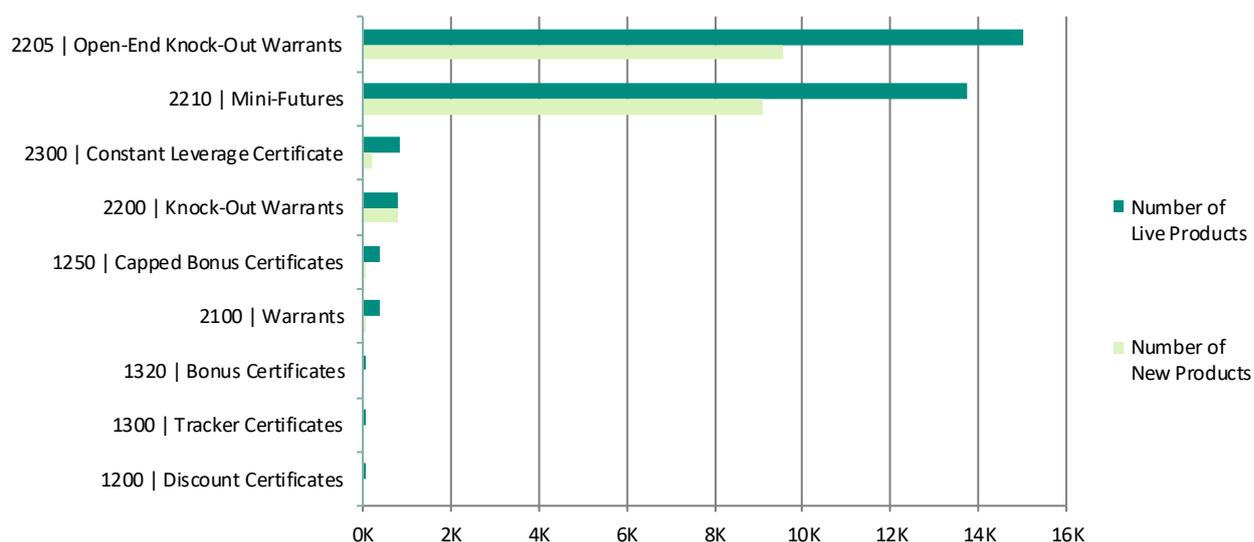
## Product Overview

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	15,045	9.2%	20%	48.1%	9,548	-9.7%	43%	48.6%
2210   Mini-Futures	13,760	7.6%	13.8%	44.0%	9,099	-17.2%	48%	46.3%
2300   Constant Leverage Certificate	828	-1.9%	42%	2.6%	194		42%	1.0%
2200   Knock-Out Warrants	779	-7.1%	-8.4%	2.5%	772	151%	31%	3.9%
1250   Capped Bonus Certificates	378	-2.5%	26%	1.2%	14	-79%	-74%	0.1%
2100   Warrants	370	-11.0%	9.0%	1.2%	26	-76%	-54%	0.1%
1320   Bonus Certificates	71	-0.3%	-9.7%	0.2%	0	-100%	-100%	0.0%
1300   Tracker Certificates	54	-1.1%	-4.0%	0.2%	0			0.0%
1200   Discount Certificates	5	-20%	-2.2%	0.0%	0			0.0%
<b>Total</b>	<b>31,291</b>	<b>7.2%</b>	<b>16.7%</b>	<b>100%</b>	<b>19,653</b>	<b>-10.9%</b>	<b>44%</b>	<b>100%</b>

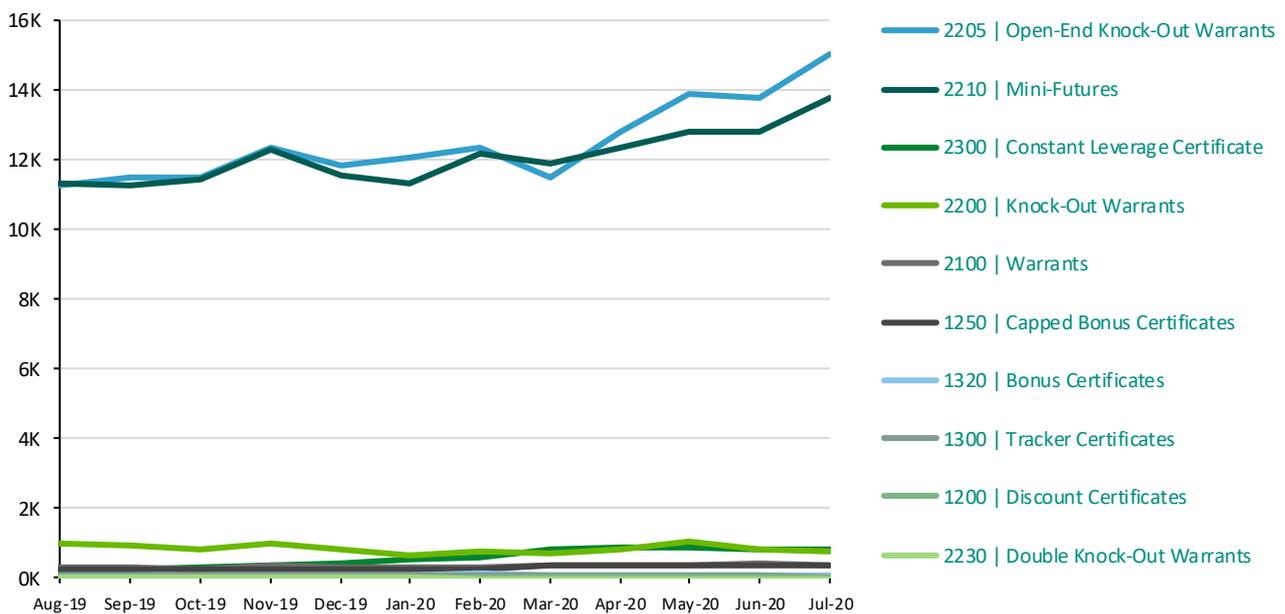
(Source Euronext)



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

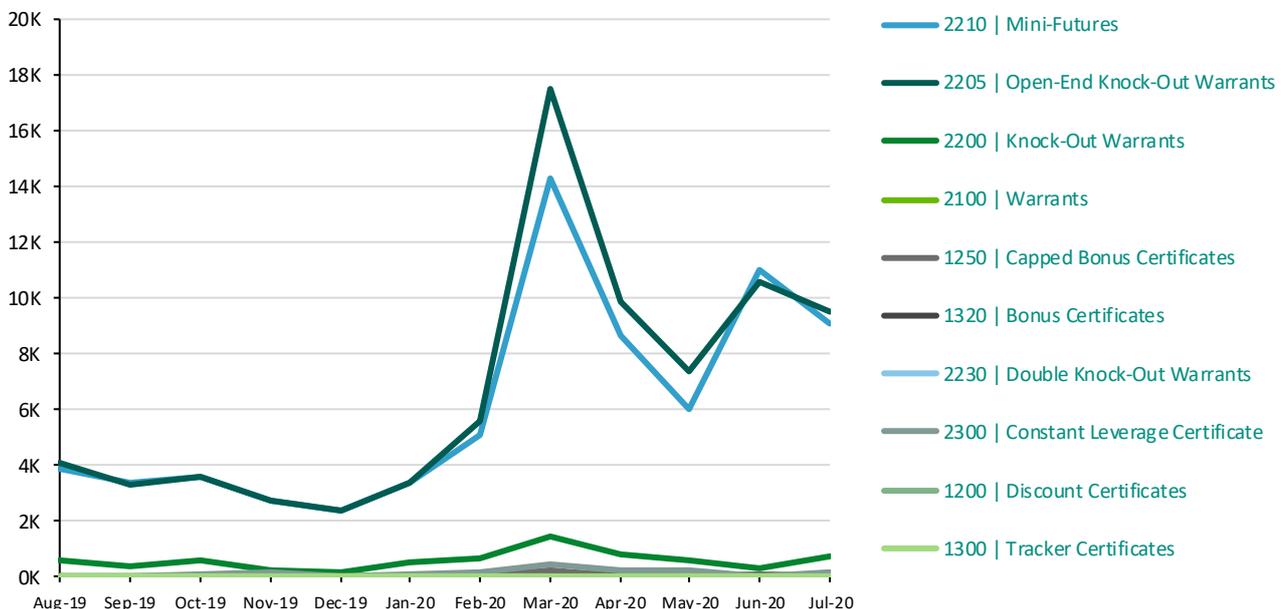
## Product Trend: Number of Live Products

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

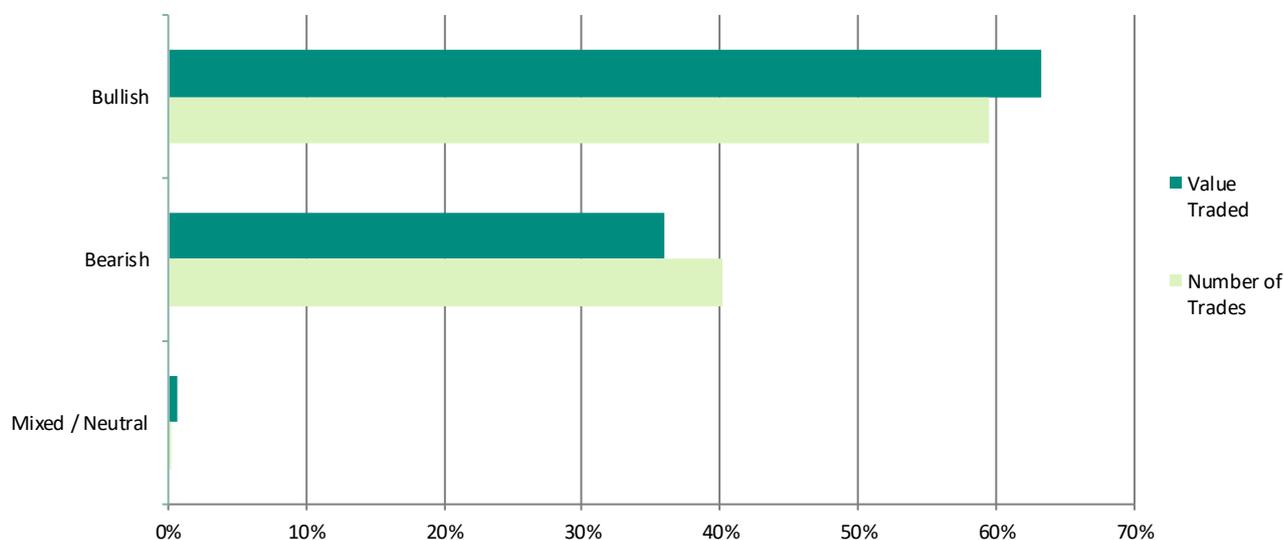
## Market Overview

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	13,398	-21%	-17.7%	63.3%	4,608	-10.4%	-13.6%	59.6%
Bearish	7,623	-20.0%	-13.2%	36.0%	3,112	-19.3%	-12.9%	40.2%
Mixed / Neutral	133	-4.1%	-26%	0.6%	16	37%	-9.5%	0.2%
Total	21,154	-20.7%	-16.2%	100%	7,735	-14.2%	-13.3%	100%

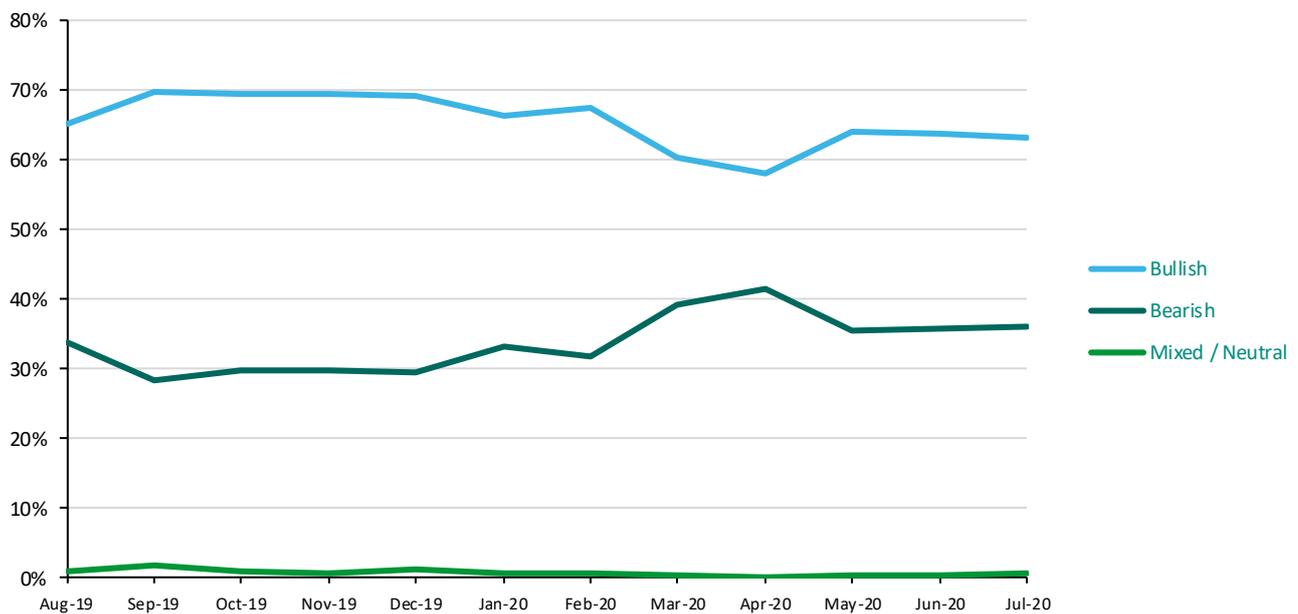
(Source Euronext)



# PRODUCT STRATEGIES

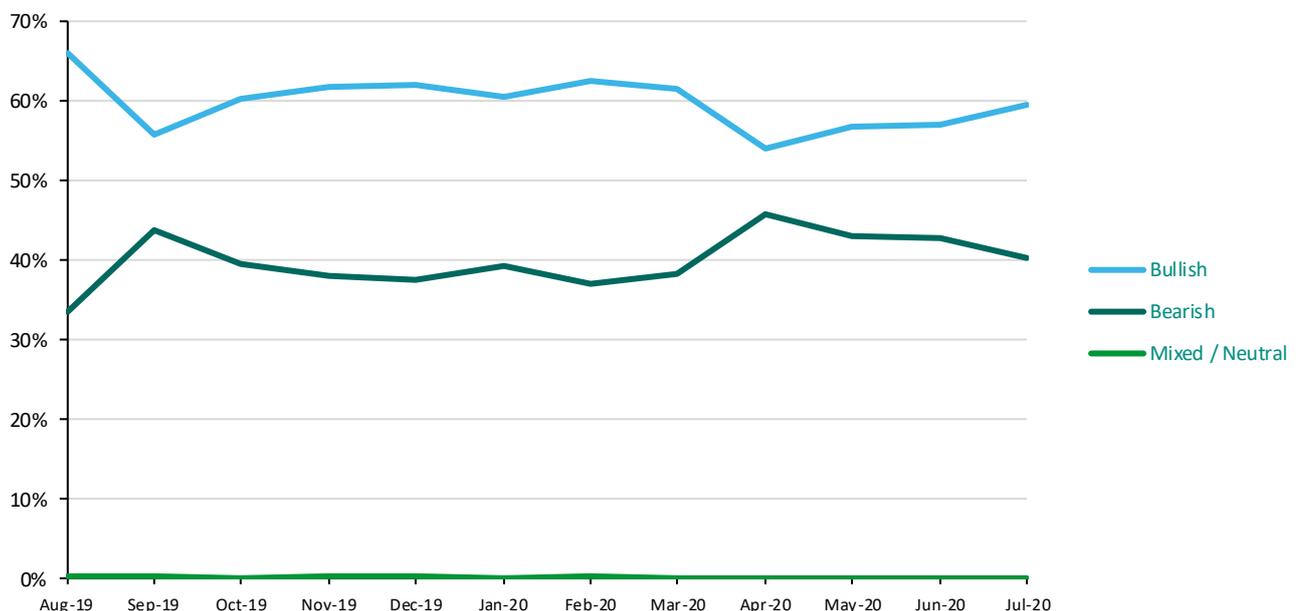
## Market Trend: Value traded

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

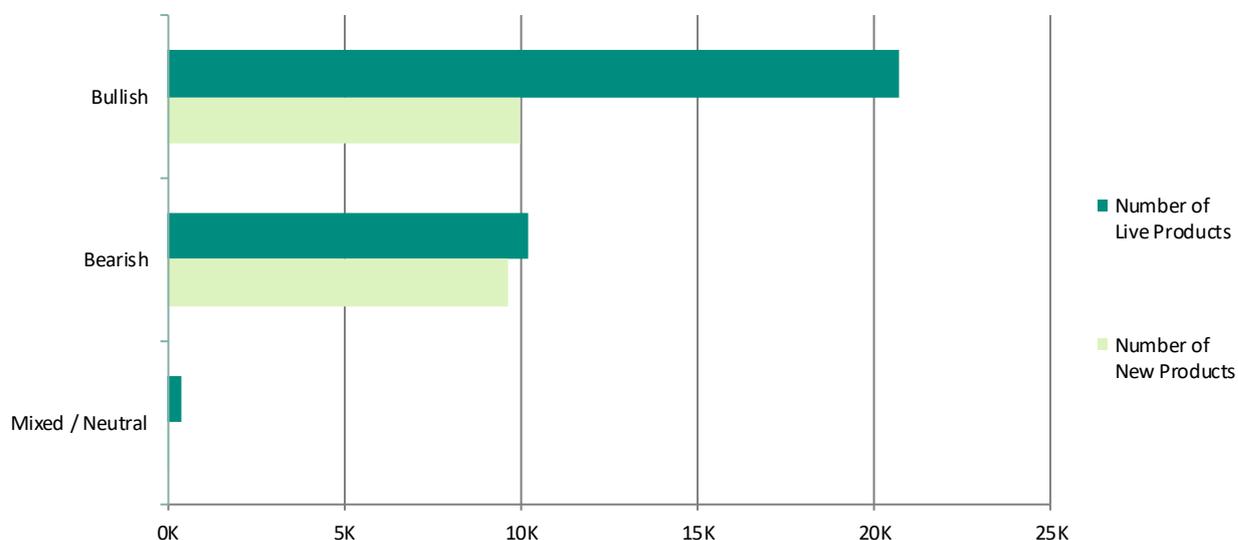
## Product Overview

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	20,718	8.1%	22%	66.2%	10,000	-16.8%	29%	50.9%
Bearish	10,190	5.9%	7.6%	32.6%	9,639	-3.3%	64%	49.0%
Mixed / Neutral	383	-2.8%	18.6%	1.2%	14	-79%	-76%	0.1%
Total	31,291	7.2%	16.7%	100%	19,653	-10.9%	44.0%	100%

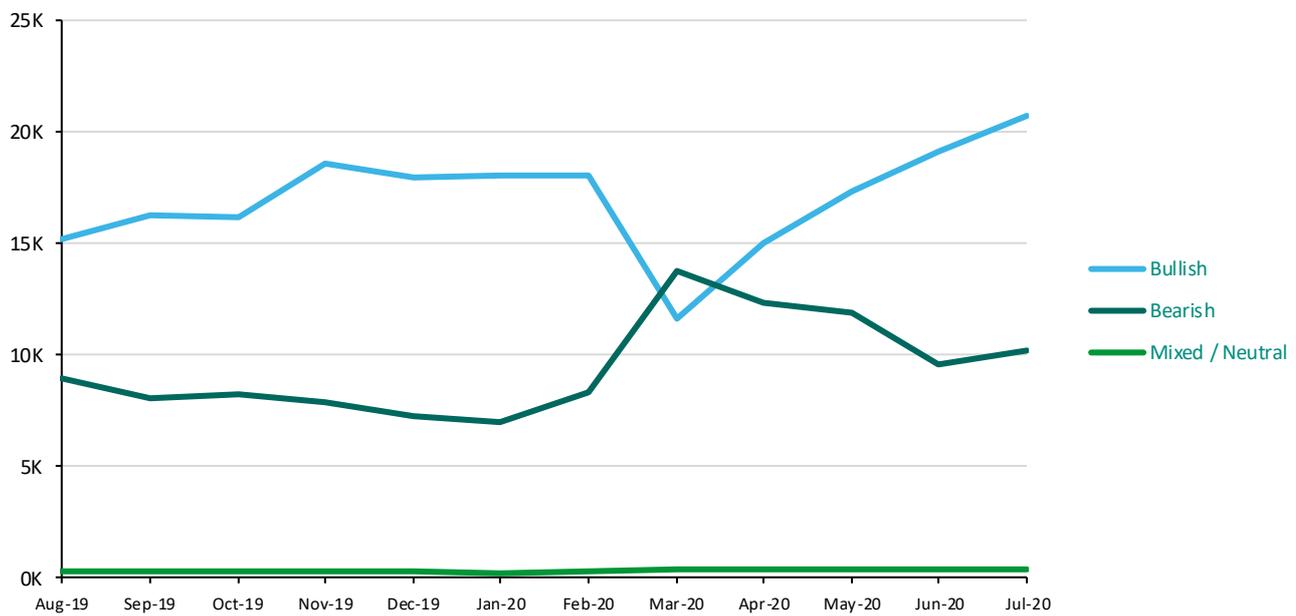
(Source Euronext)



# PRODUCT STRATEGIES

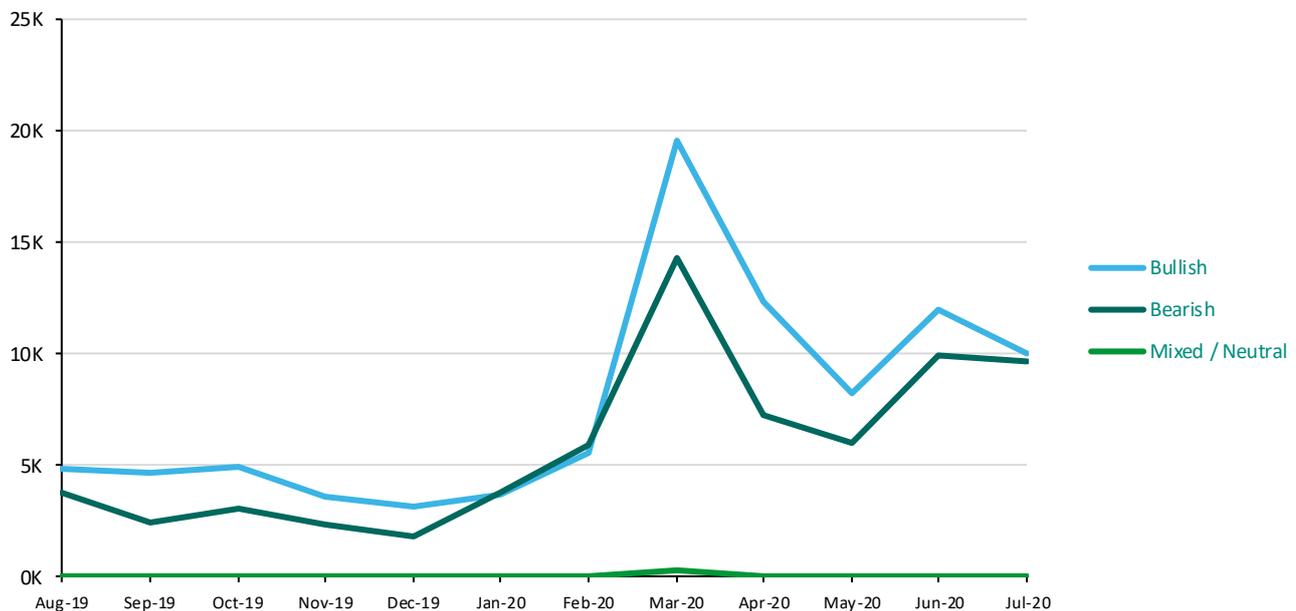
## Product Trend: Number of Live Products

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

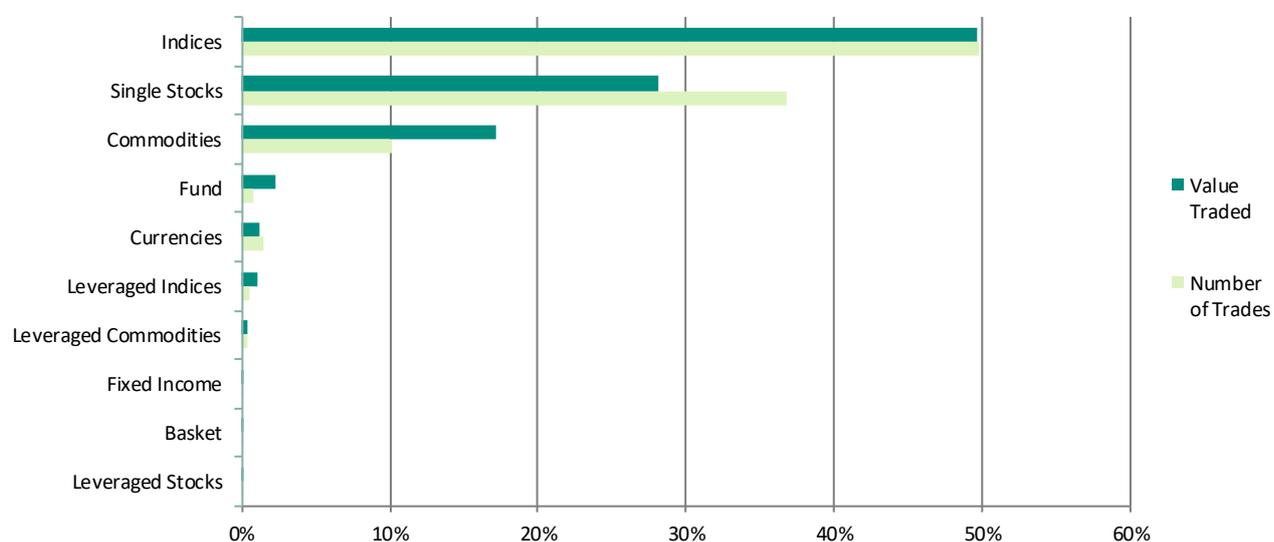
### Market Overview

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	10,501	-24%	-15.3%	49.6%	3,857	-17.1%	-14.7%	49.9%
Single Stocks	5,957	-18.5%	-19.3%	28.2%	2,847	-15.4%	-10.7%	36.8%
Commodities	3,637	19.6%	9.9%	17.2%	779	26.3%	-4.9%	10.1%
Fund	469	-65%	-67%	2.2%	62	-62.1%	-59.6%	0.8%
Currencies	241	29%	-25%	1.1%	112	26.7%	-7.0%	1.4%
Leveraged Indices	221	-75%	-28%	1.0%	44	-50.9%	-35.5%	0.6%
Leveraged Commodities	86	-16.5%	18.5%	0.4%	27	-0.3%	-14.4%	0.3%
Fixed Income	22	69%	-53%	0.1%	4.8	1.1%	-65.1%	0.1%
Basket	19	657%	43%	0.1%	1.6	164.9%	27.6%	0.0%
Leveraged Stocks	1	265%	-61%	0.0%	0.6	-41.8%	-44.7%	0.0%
<b>Total</b>	<b>21,154</b>	<b>-20.7%</b>	<b>-16.2%</b>	<b>100%</b>	<b>7,735</b>	<b>-14.2%</b>	<b>-13.3%</b>	<b>100%</b>

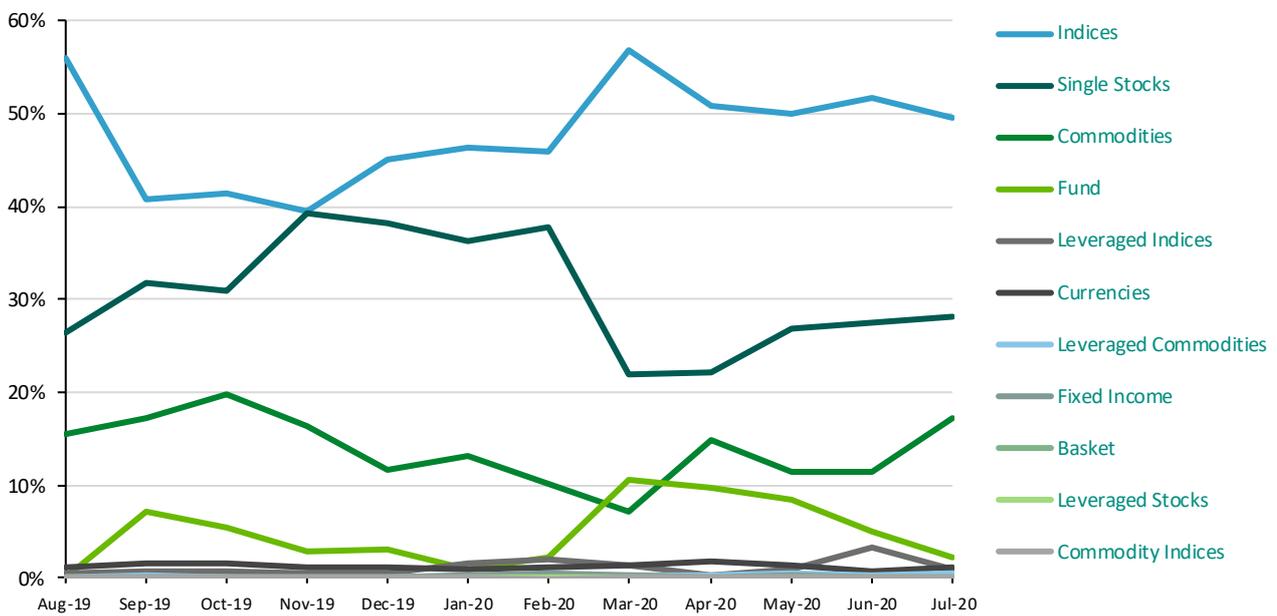
(Source Euronext)



# UNDERLYING TYPES

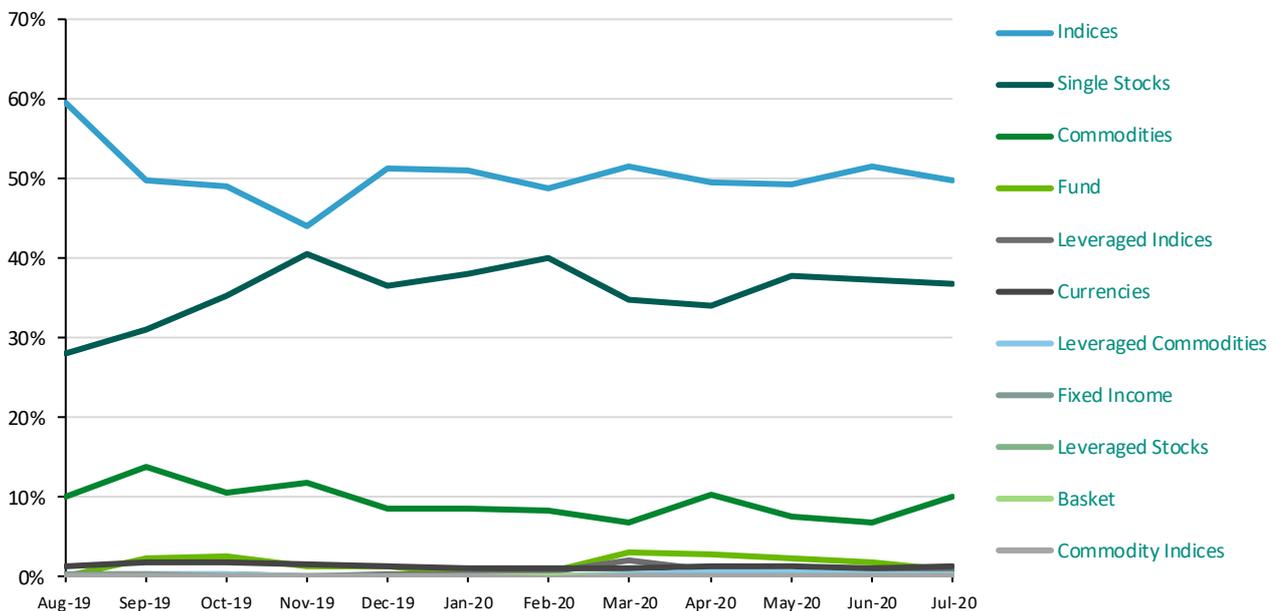
## Market Trend: Value traded

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

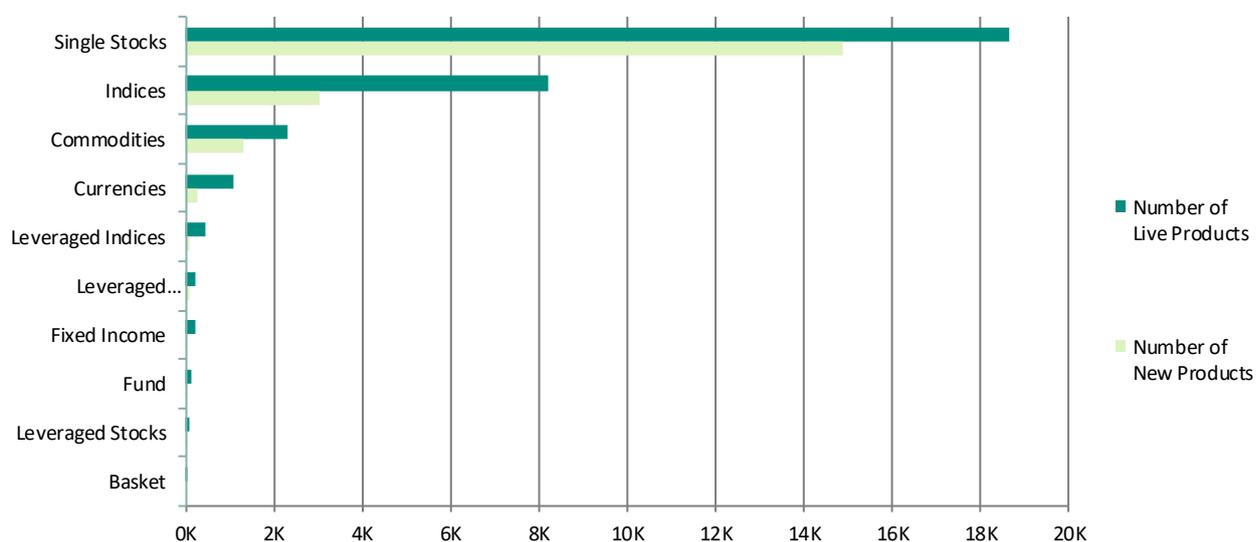
### Product Overview

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	18,658	10.5%	13.9%	59.6%	14,879	-15.3%	65%	75.7%
Indices	8,206	1.6%	20%	26.2%	3,047	-14.1%	-9.8%	15.5%
Commodities	2,303	8.7%	21%	7.4%	1,301	98%	48%	6.6%
Currencies	1,056	3.6%	15.0%	3.4%	279	3.0%	27%	1.4%
Leveraged Indices	443	0.0%	67%	1.4%	57		4.4%	0.3%
Leveraged Commodities	233	-3.2%	51%	0.7%	66		17.9%	0.3%
Fixed Income	202	-0.1%	-12.9%	0.6%	9	-10.0%	-58%	0.0%
Fund	112	2.4%	18.8%	0.4%	1	-75%	-61%	0.0%
Leveraged Stocks	63	-6.4%	32%	0.2%	14		-21%	0.1%
Basket	14	-0.9%	-1.1%	0.0%	0			0.0%
<b>Total</b>	<b>31,291</b>	<b>7.2%</b>	<b>16.7%</b>	<b>100%</b>	<b>19,653</b>	<b>-10.9%</b>	<b>44.0%</b>	<b>100%</b>

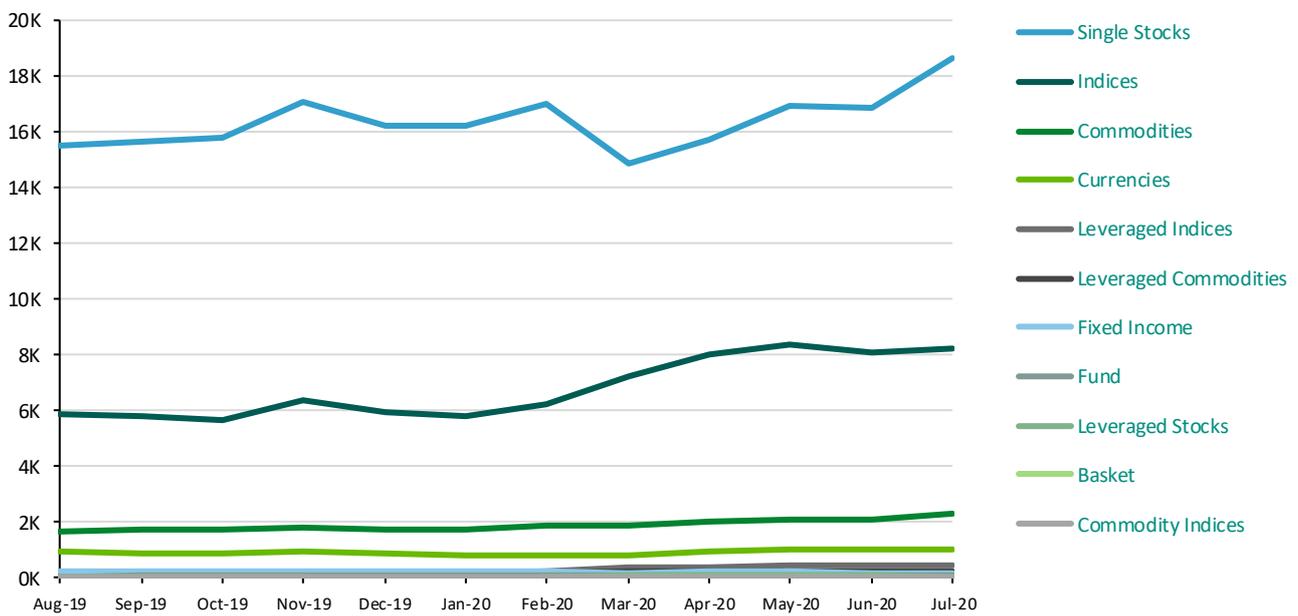
(Source Euronext)



# UNDERLYING TYPES

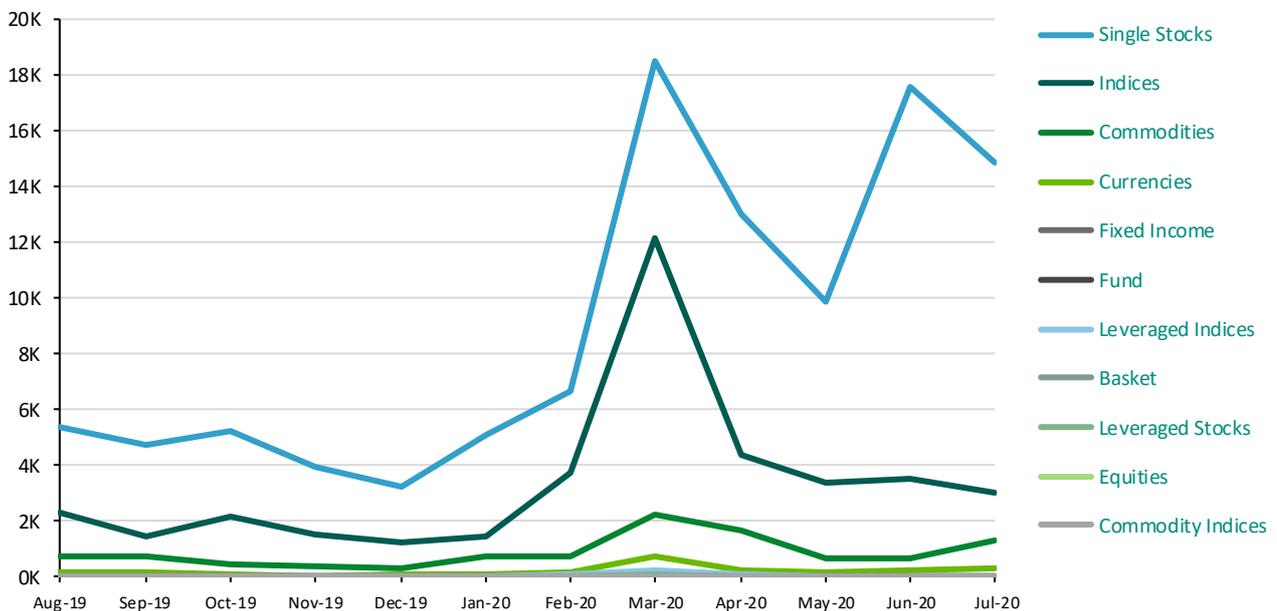
## Product Trend: Number of Live Products

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

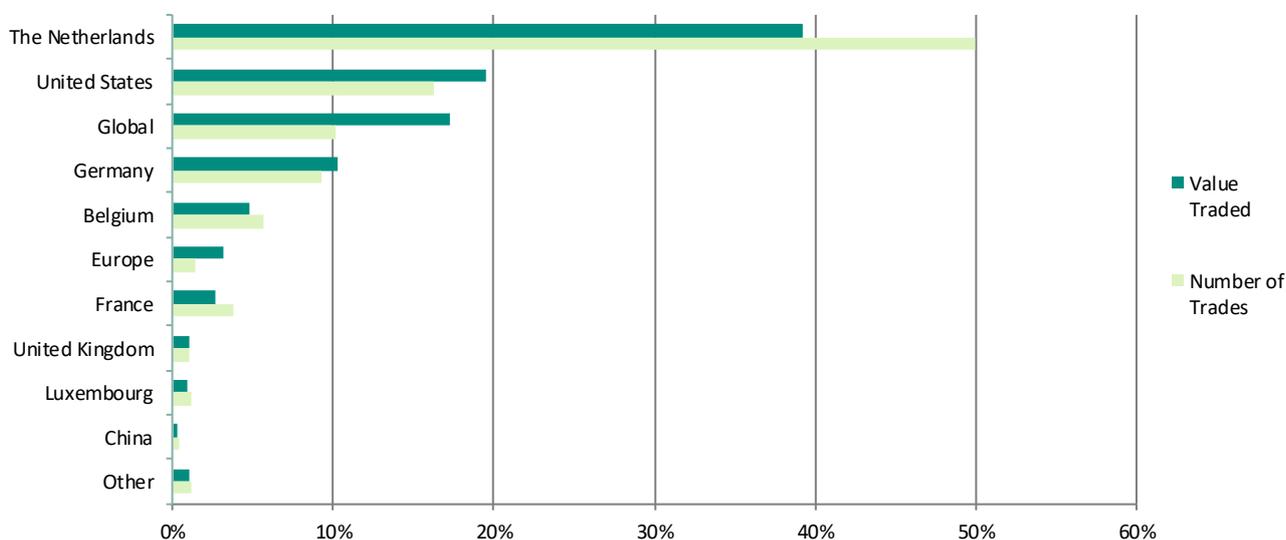
## Market Overview

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	8,305	-26%	-23%	39.3%	3,868	-18.6%	-17.4%	50.0%
United States	4,138	-12.2%	15.5%	19.6%	1,255	-3.0%	6.5%	16.2%
Global	3,647	22%	8.5%	17.2%	782	29%	-6.5%	10.1%
Germany	2,183	-14.9%	-11.0%	10.3%	716	-11.6%	-16.9%	9.3%
Belgium	1,007	-23%	-41%	4.8%	433	-19.6%	-13.8%	5.6%
Europe	651	-64%	-62%	3.1%	110	-54%	-48%	1.4%
France	545	-55%	-12.8%	2.6%	291	-37%	10.7%	3.8%
United Kingdom	224	9.2%	-8.8%	1.1%	83	20%	2.4%	1.1%
Luxembourg	200	15.6%	-58%	0.9%	87	-25%	-54%	1.1%
China	50	77%	77%	0.2%	27	135%	125%	0.3%
Other	206	-60%	-40%	1.0%	85	-25%	-18.0%	1.1%
<b>Total</b>	<b>21,154</b>	<b>-20.7%</b>	<b>-16.2%</b>	<b>100%</b>	<b>7,735</b>	<b>-14.2%</b>	<b>-13.3%</b>	<b>100%</b>

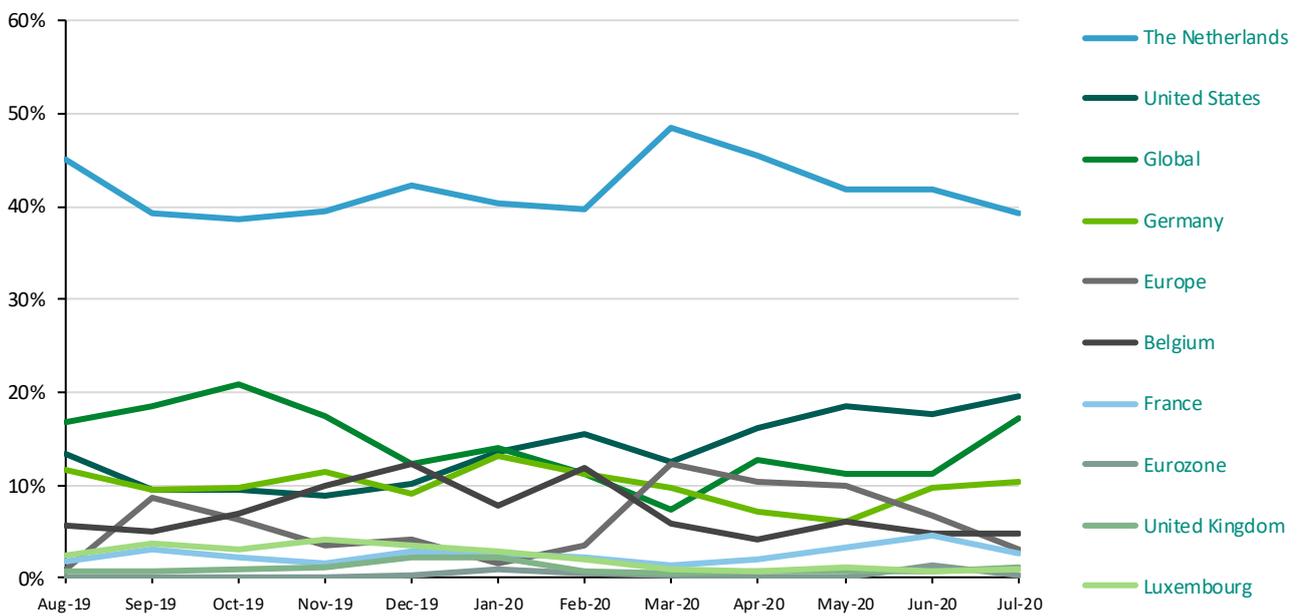
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

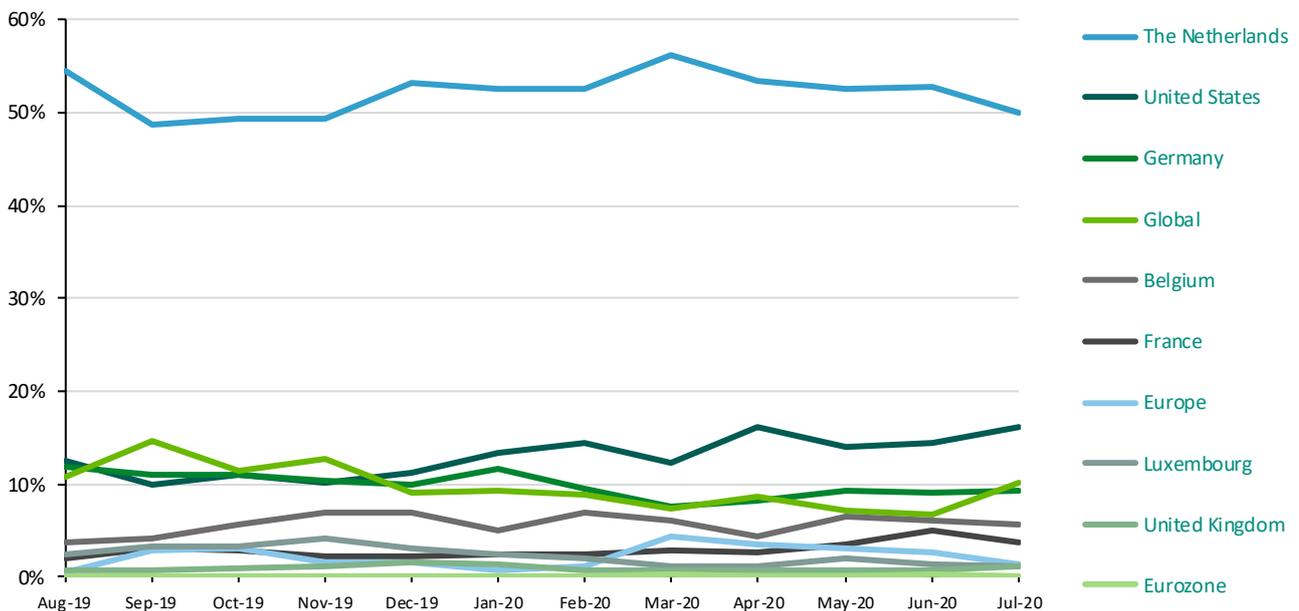
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## TOP 10 UNDERLYING COUNTRIES

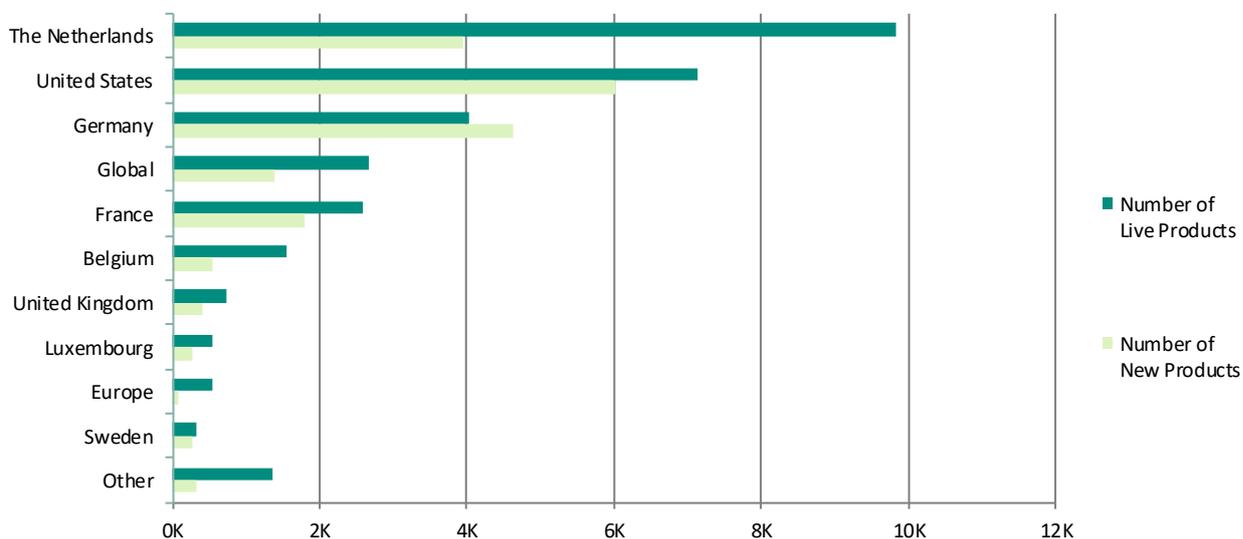
### Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
The Netherlands	9,826	2.6%	12.5%	31.4%	3,959	-15.1%	-2.4%	20.1%
United States	7,149	12.1%	26%	22.8%	6,020	-1.0%	79%	30.6%
Germany	4,034	13.9%	28%	12.9%	4,622	-20%	92%	23.5%
Global	2,655	6.6%	13.8%	8.5%	1,379	115%	56%	7.0%
France	2,593	9.7%	14.2%	8.3%	1,779	-28%	53%	9.1%
Belgium	1,536	4.3%	4.9%	4.9%	542	-36%	-0.2%	2.8%
United Kingdom	734	3.9%	7.0%	2.3%	389	19.0%	61%	2.0%
Luxembourg	543	3.7%	-9.3%	1.7%	277	-14.2%	-23%	1.4%
Europe	541	0.0%	20%	1.7%	81	-48%	-41%	0.4%
Sweden	327	20%	29%	1.0%	279	-26%	97%	1.4%
Other	1,354	3.4%	15.1%	4.3%	326	-15.1%	-1.6%	1.7%
<b>Total</b>	<b>31,291</b>	<b>7.2%</b>	<b>16.7%</b>	<b>100%</b>	<b>19,653</b>	<b>-10.9%</b>	<b>44.0%</b>	<b>100%</b>

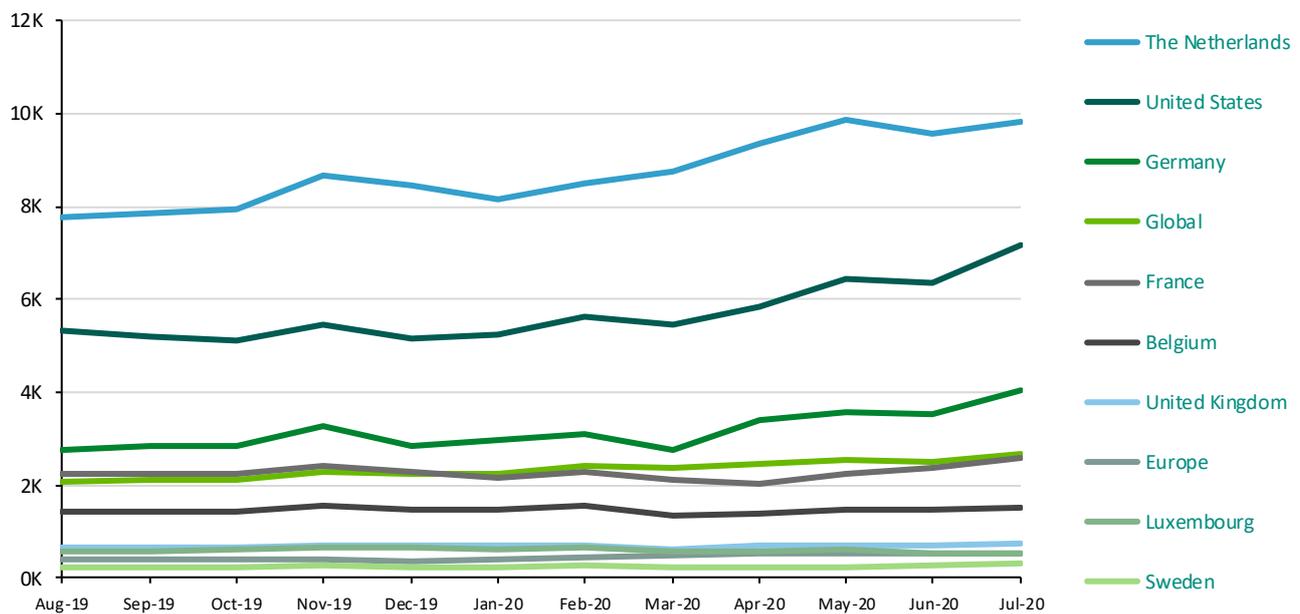
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

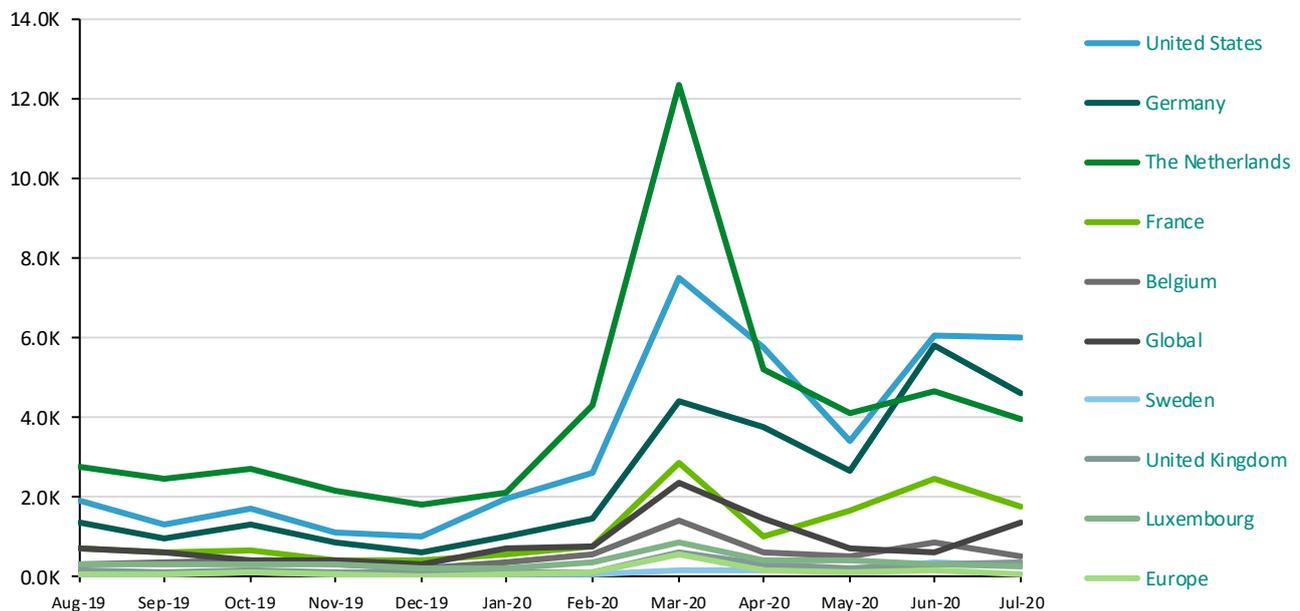
## Product Trend: Number of Live Products

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

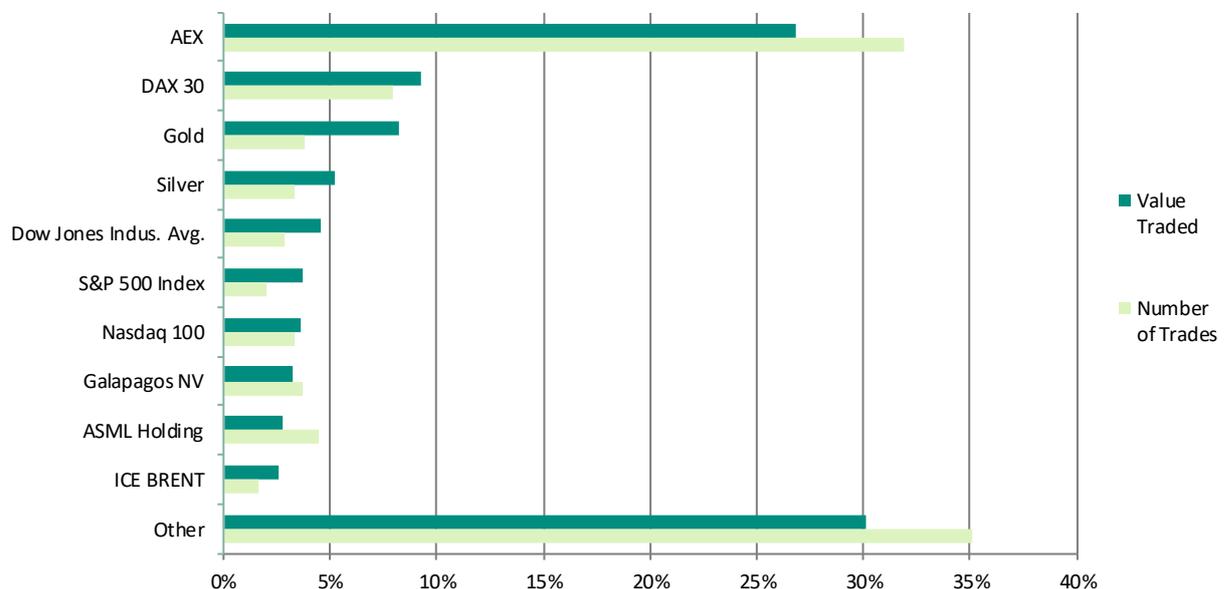
## Market Overview

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	5,676	-25%	-23%	26.8%	2,471	-16.7%	-16.6%	31.9%
DAX 30	1,959	-12.2%	-9.9%	9.3%	611	-7.9%	-17.1%	7.9%
Gold	1,730	-4.1%	1.9%	8.2%	292	29%	0.0%	3.8%
Silver	1,094	294%	143%	5.2%	259	158%	84%	3.3%
Dow Jones Indus. Avg.	962	2.4%	5.5%	4.5%	224	-17.0%	-6.1%	2.9%
S&P 500 Index	775	-37%	28%	3.7%	152	-26%	-9.3%	2.0%
Nasdaq 100	760	-21%	11.1%	3.6%	255	-12.0%	9.9%	3.3%
Galapagos NV	694	-18.9%	-48%	3.3%	285	-14.4%	-16.7%	3.7%
ASML Holding	575	22%	-16.7%	2.7%	348	24%	21%	4.5%
ICE BRENT	553	0.7%	-22%	2.6%	124	-23%	-46%	1.6%
Other	6,376	-35%	-26%	30.1%	2,715	-23%	-17.5%	35.1%
<b>Total</b>	<b>21,154</b>	<b>-20.7%</b>	<b>-16.2%</b>	<b>100%</b>	<b>7,735</b>	<b>-14.2%</b>	<b>-13.3%</b>	<b>100%</b>

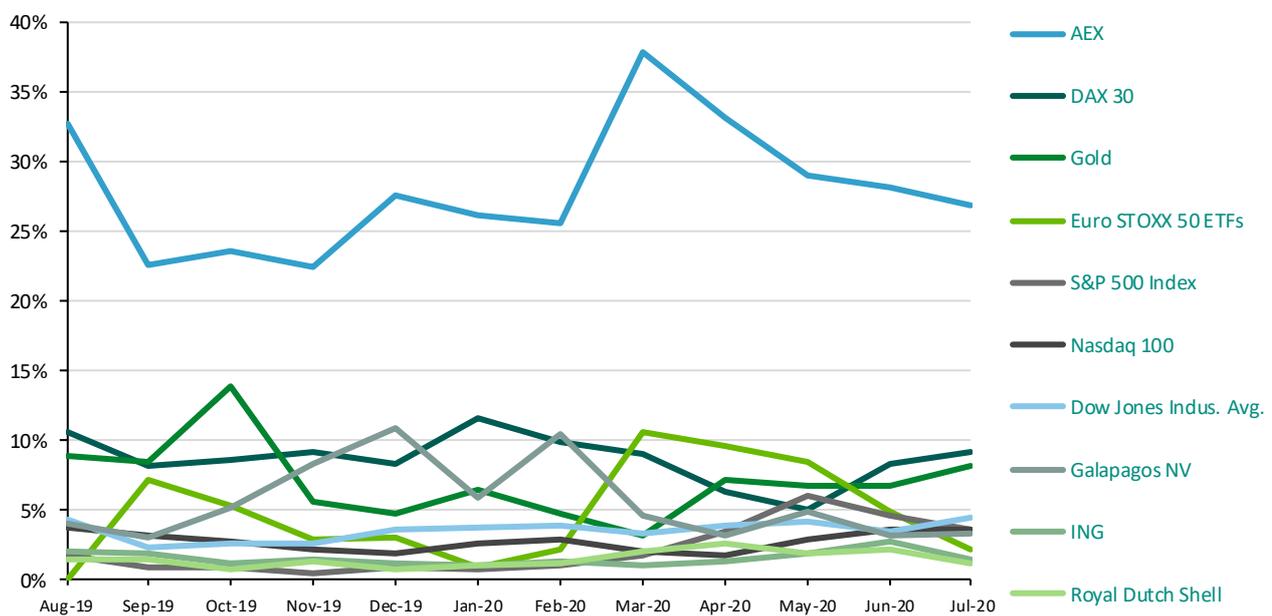
(Source Euronext)



# TOP 10 UNDERLYINGS

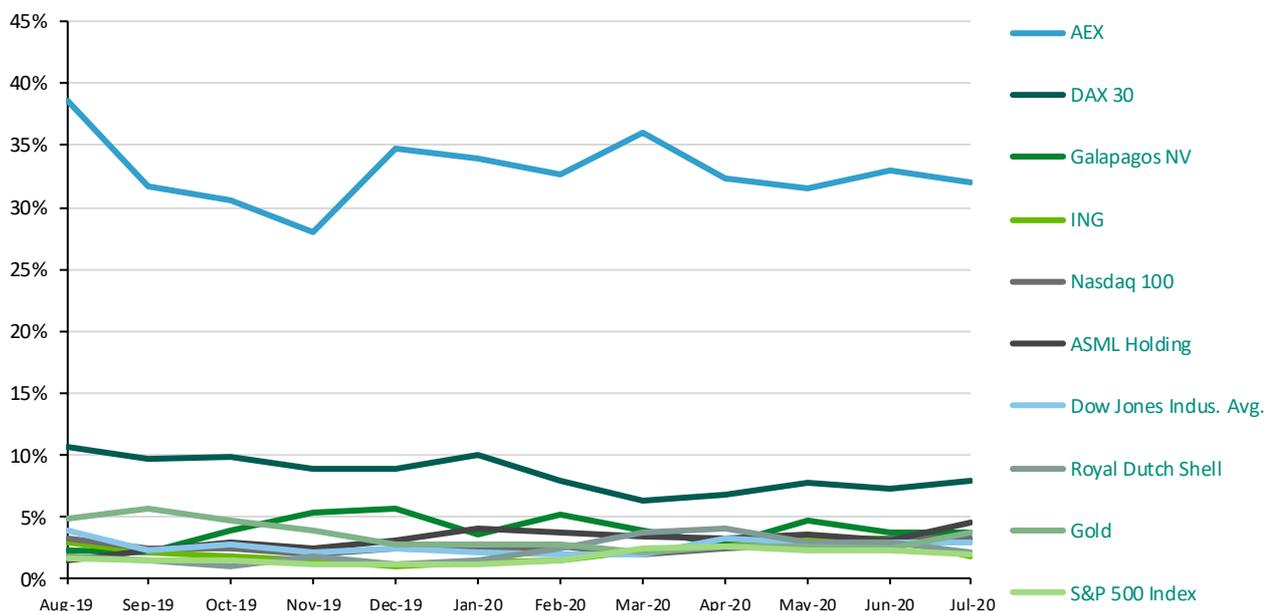
## Market Trend: Value traded

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

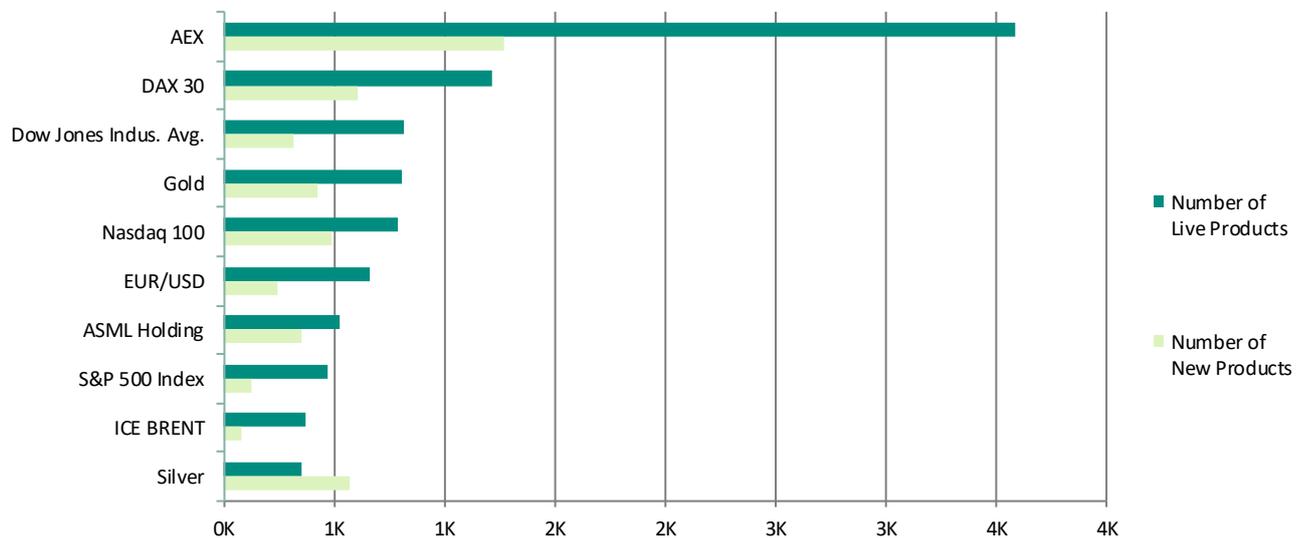
## Product Overview

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	3,585	-2.1%	25%	11.5%	1,267	-21%	-19.1%	6.4%
DAX 30	1,217	3.5%	22%	3.9%	609	7.6%	8.4%	3.1%
Dow Jones Indus. Avg.	815	7.2%	24%	2.6%	314	-16.3%	-14.7%	1.6%
Gold	808	11.6%	32%	2.6%	425	164%	122%	2.2%
Nasdaq 100	787	13.5%	33%	2.5%	486	31%	48%	2.5%
EUR/USD	657	6.6%	25%	2.1%	244	11.4%	55%	1.2%
ASML Holding	525	8.4%	6.6%	1.7%	356	45%	40%	1.8%
S&P 500 Index	470	-1.5%	8.6%	1.5%	124	-29%	-30%	0.6%
ICE BRENT	373	7.1%	12.6%	1.2%	82	-48%	-57%	0.4%
Silver	354	12.8%	18.8%	1.1%	569	562%	249%	2.9%
Other	21,699	8.9%	14.2%	69.3%	15,177	-16.1%	57%	77.2%
<b>Total</b>	<b>31,291</b>	<b>7.2%</b>	<b>16.7%</b>	<b>100%</b>	<b>19,653</b>	<b>-10.9%</b>	<b>44.0%</b>	<b>100%</b>

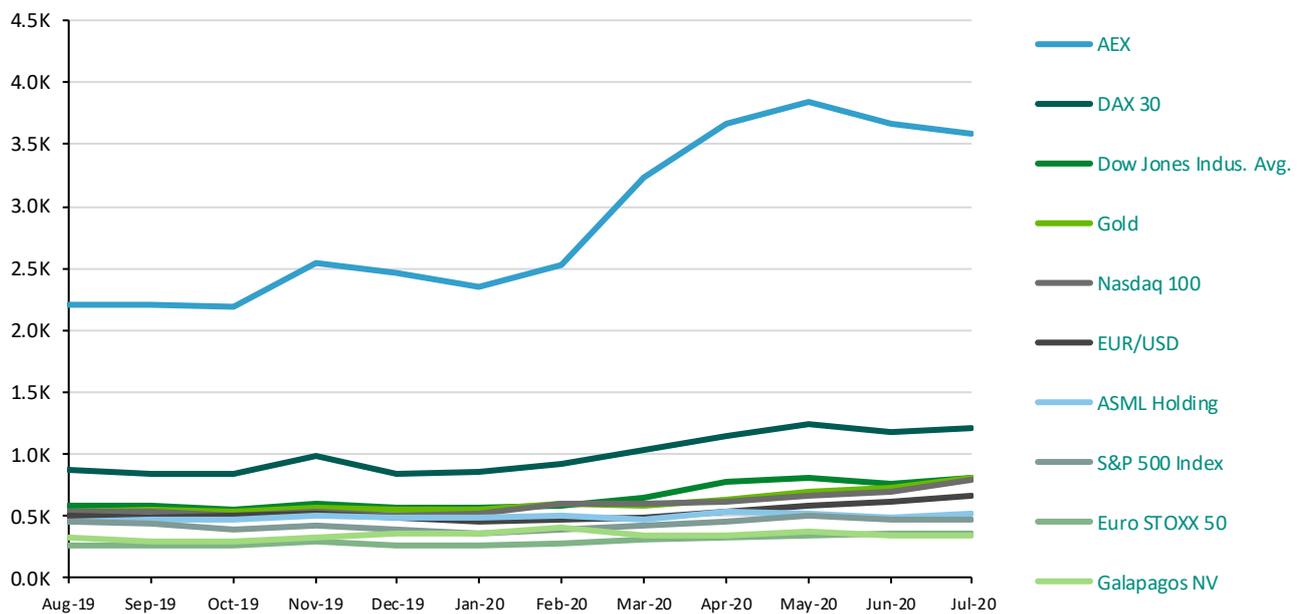
(Source Euronext)



# TOP 10 UNDERLYINGS

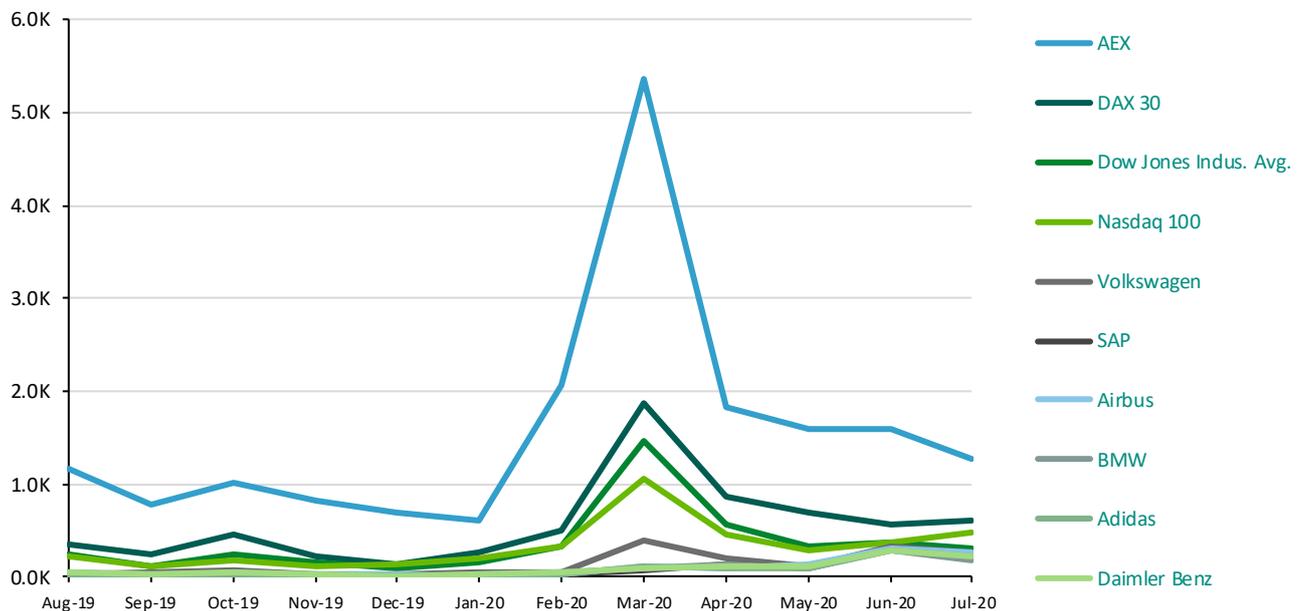
## Product Trend: Number of Live Products

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
NL0015096421	BNP Paribas	2210   Mini-Futures	AEX	5,262	1,123
NL0015109125	BNP Paribas	2210   Mini-Futures	S&P 500 Index	5,121	75
NL0014247686	Goldman Sachs	2210   Mini-Futures	AEX	4,165	38
DE000VF8EEJ5	Vontobel	2205   Open-End Knock-Out Warrants	Gold	3,921	12
NL0014321853	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	3,518	272
NL0015099060	BNP Paribas	2210   Mini-Futures	Dow Jones Indus. Avg.	3,045	152
NL0014833832	BNP Paribas	2210   Mini-Futures	ICE BRENT	2,888	67
NL0015098930	BNP Paribas	2210   Mini-Futures	ICE BRENT	2,804	79
DE000SB2J2B7	Société Générale	2205   Open-End Knock-Out Warrants	AEX	2,760	123
NL0014320012	BNP Paribas	2210   Mini-Futures	AEX	2,713	771
NL0015097569	BNP Paribas	2210   Mini-Futures	Gold	2,654	186
NL0015285859	ING	2100   Warrants	Euro STOXX 50 ETFs	2,654	434
DE000SB3FSC7	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	2,520	12
DE000SB2LH84	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	2,294	23
DE000SB1BLE1	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	2,286	25
DE000SB3Q594	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	2,204	22
NL0014433351	ING	2100   Warrants	Euro STOXX 50 ETFs	2,187	257
NL0015450842	BNP Paribas	2210   Mini-Futures	AEX	2,155	443
NL0015088618	BNP Paribas	2210   Mini-Futures	Gold	2,099	88
DE000SB26BD2	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	1,910	32
DE000VE22DJ2	Vontobel	2205   Open-End Knock-Out Warrants	DAX 30	1,890	668
NL0015363250	Goldman Sachs	2210   Mini-Futures	AEX	1,738	9
NL0011539267	BNP Paribas	2205   Open-End Knock-Out Warrants	Heineken	1,697	40
DE000SB3FSB9	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	1,651	21
NL0014320020	BNP Paribas	2210   Mini-Futures	AEX	1,524	258
NL0015450339	BNP Paribas	2210   Mini-Futures	Gold	1,494	88
DE000VN99SS0	Vontobel	2205   Open-End Knock-Out Warrants	Apple Computer Inc.	1,459	33
NL0015102310	BNP Paribas	2210   Mini-Futures	AEX	1,421	310
NL0014842502	BNP Paribas	2210   Mini-Futures	Silver	1,391	72
NL0014317794	BNP Paribas	2210   Mini-Futures	AEX	1,380	288
NL0014320038	BNP Paribas	2210   Mini-Futures	AEX	1,334	241
NL0015096009	BNP Paribas	2205   Open-End Knock-Out Warrants	AEX	1,319	366
NL0015107632	BNP Paribas	2210   Mini-Futures	Gold	1,267	119
NL0015113317	BNP Paribas	2210   Mini-Futures	AEX	1,255	258
DE000KB29JY2	Citi	2205   Open-End Knock-Out Warrants	AEX	1,241	1,440
NL0015086554	BNP Paribas	2210   Mini-Futures	AEX	1,220	470
NL0015452707	BNP Paribas	2210   Mini-Futures	Gold	1,190	57
NL0014649782	BNP Paribas	2210   Mini-Futures	Gold	1,172	12
NL0015113119	BNP Paribas	2210   Mini-Futures	Gold	1,166	73
NL0015092644	BNP Paribas	2210   Mini-Futures	Gold	1,166	120
NL0015107715	BNP Paribas	2210   Mini-Futures	AEX	1,151	122
NL0015103912	BNP Paribas	2205   Open-End Knock-Out Warrants	Nasdaq 100	1,145	204
NL0015081753	BNP Paribas	2210   Mini-Futures	Dow Jones Indus. Avg.	1,134	117
NL0015091703	BNP Paribas	2210   Mini-Futures	Dow Jones Indus. Avg.	1,103	75
NL0014433336	ING	2100   Warrants	Euro STOXX 50 ETFs	1,085	172
NL0014251605	Goldman Sachs	2205   Open-End Knock-Out Warrants	AEX	1,077	146
DE000SB0U675	Société Générale	2205   Open-End Knock-Out Warrants	DAX 30	1,072	19
NL0015096413	BNP Paribas	2210   Mini-Futures	AEX	1,051	405
NL0015077363	BNP Paribas	2210   Mini-Futures	Gold	1,048	119
NL0015081977	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,045	18

(Source Euronext)



Interbolsa Instruments

# ISSUERS

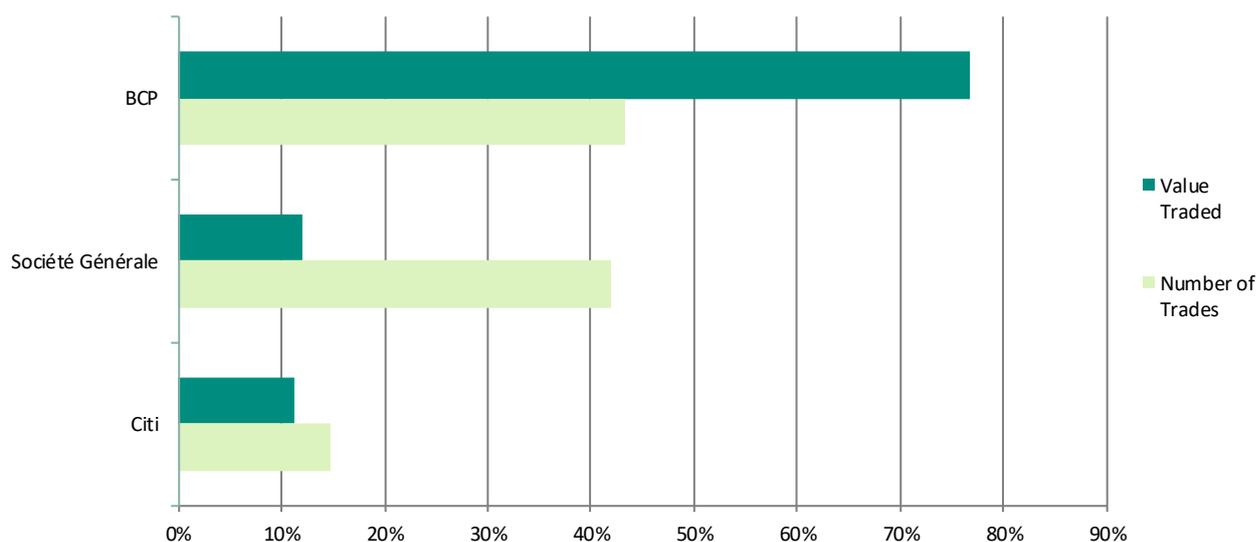
## Market Overview

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	1,262	-21%	-67%	76.8%	93	-15.4%	-63.6%	43.4%
Société Générale	197	-37%	50%	12.0%	90	-9.1%	105.7%	41.9%
Citi	184	-9.5%	-10.0%	11.2%	32	-20.2%	-39.0%	14.7%
Total	1,644	-22.3%	-61.0%	100%	214	-13.7%	-45.7%	100%

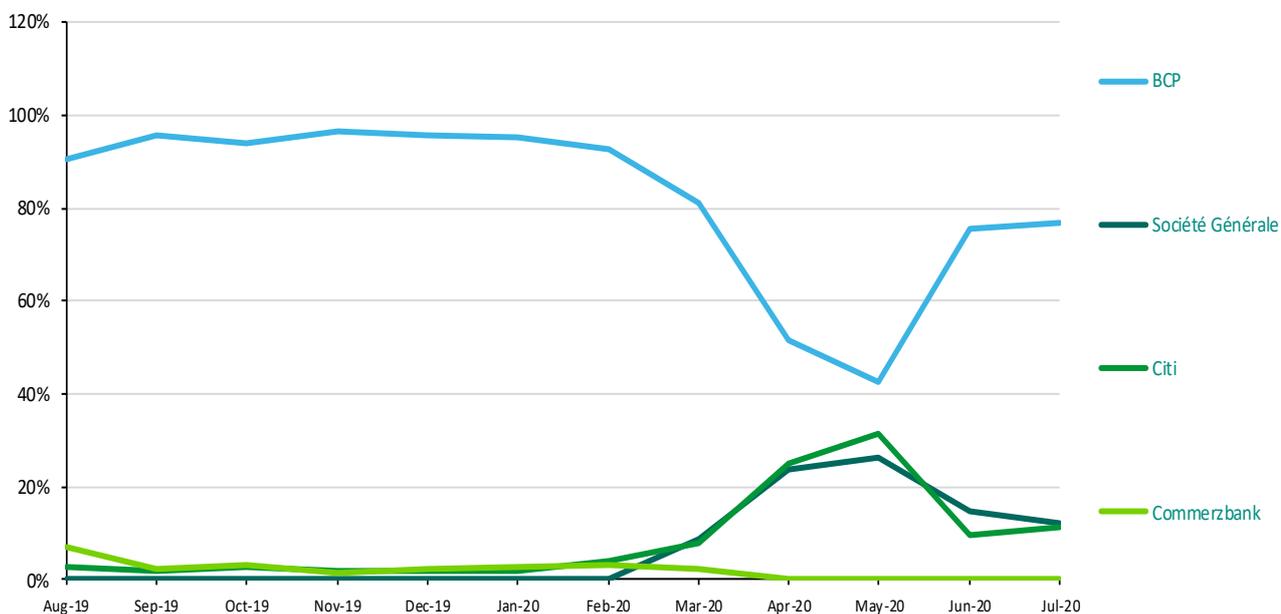
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# ISSUERS

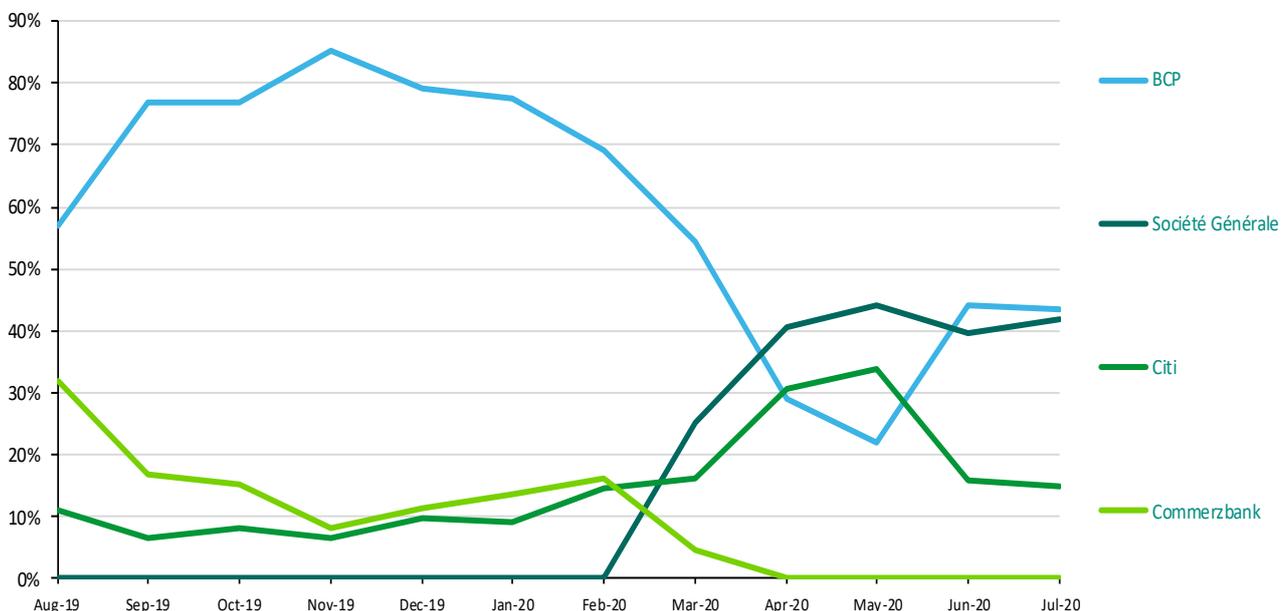
## Market Trend: Value traded

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

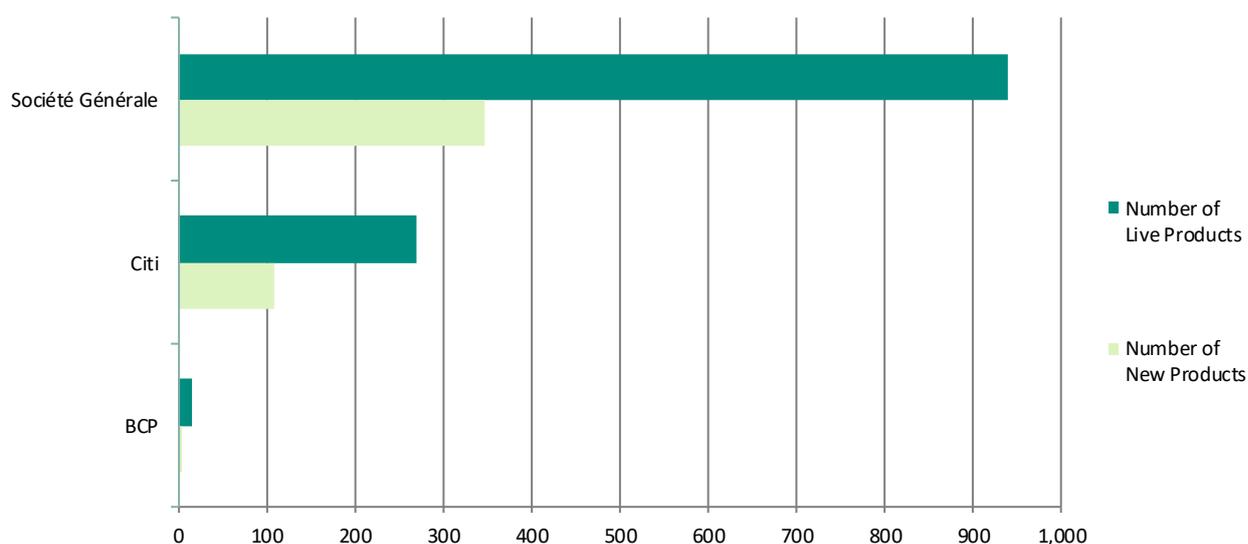
## Product Overview

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	941	-12.2%	147%	76.8%	347	-25%	84%	75.6%
Citi	269	2.6%	-22%	21.9%	109	-31%	-12.3%	23.7%
BCP	15	7.5%	-18.2%	1.2%	3		NA	0.7%
Total	1,224	-9.1%	-18.0%	100%	459	-26.1%	9.5%	100%

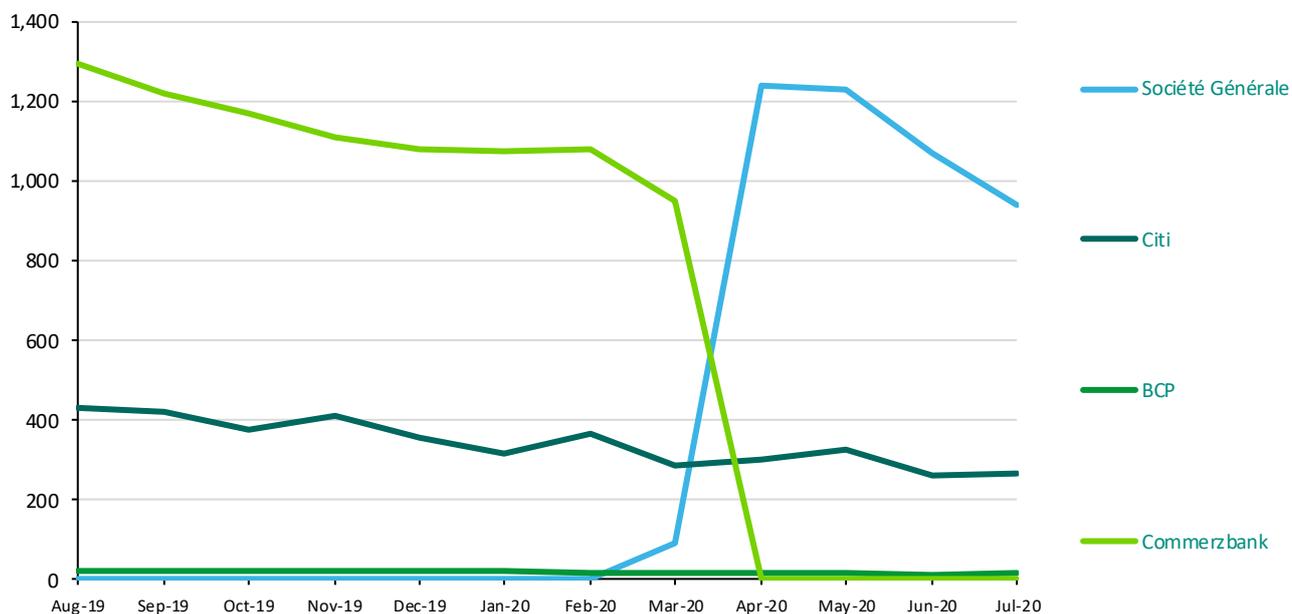
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# ISSUERS

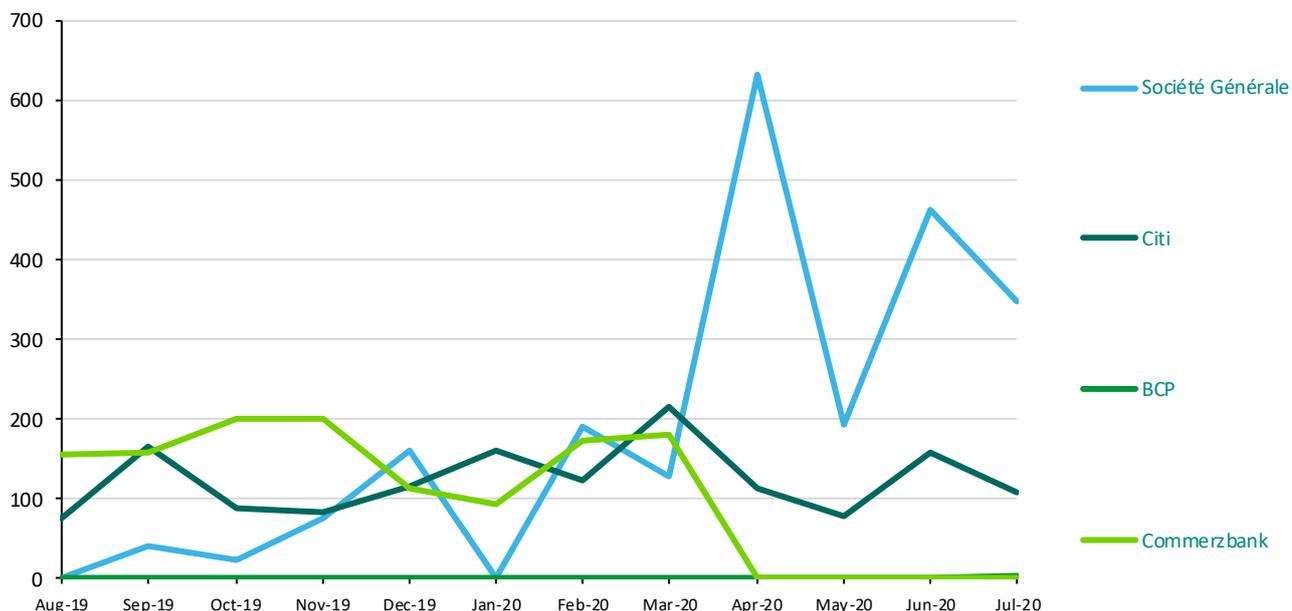
## Product Trend: Number of Live Products

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

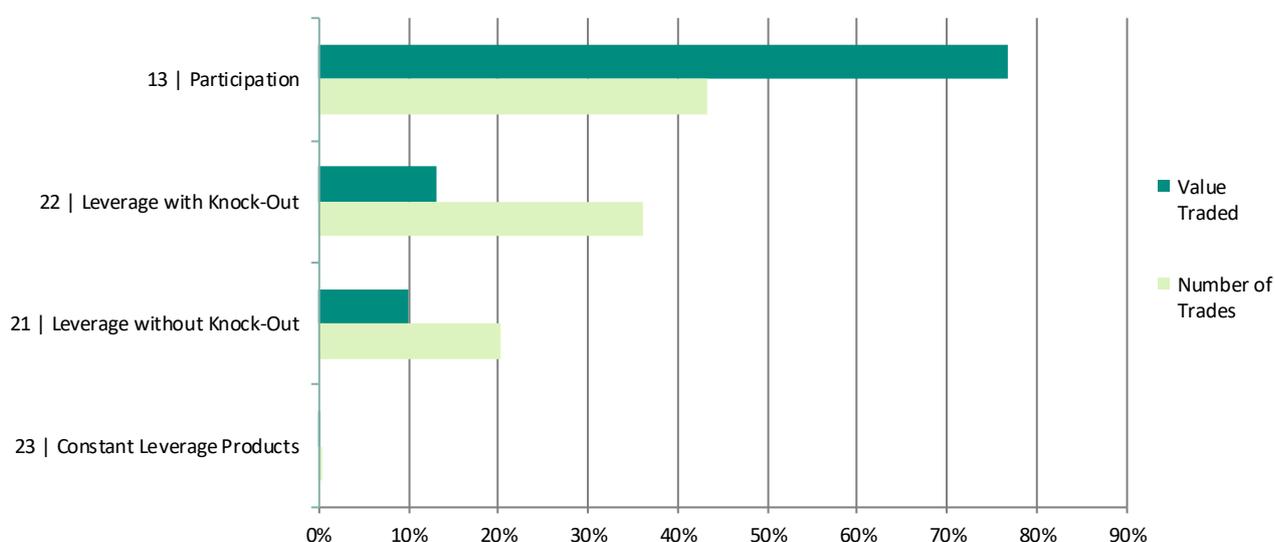
### Market Overview

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	1,262	-21%	-67%	76.8%	93	-15.4%	-63.6%	43.4%
22   Leverage with Knock-Out	216	-33%	-35%	13.2%	77	-7.3%	-16.8%	36.1%
21   Leverage without Knock-Out	164	-11.9%	72%	10.0%	43	-19.5%	-2.2%	20.3%
23   Constant Leverage Products	1	-85%	-93%	0.1%	0.7	-37.6%	-73.2%	0.3%
<b>Total</b>	<b>1,644</b>	<b>-22.3%</b>	<b>-61.0%</b>	<b>100%</b>	<b>214</b>	<b>-13.7%</b>	<b>-45.7%</b>	<b>100%</b>

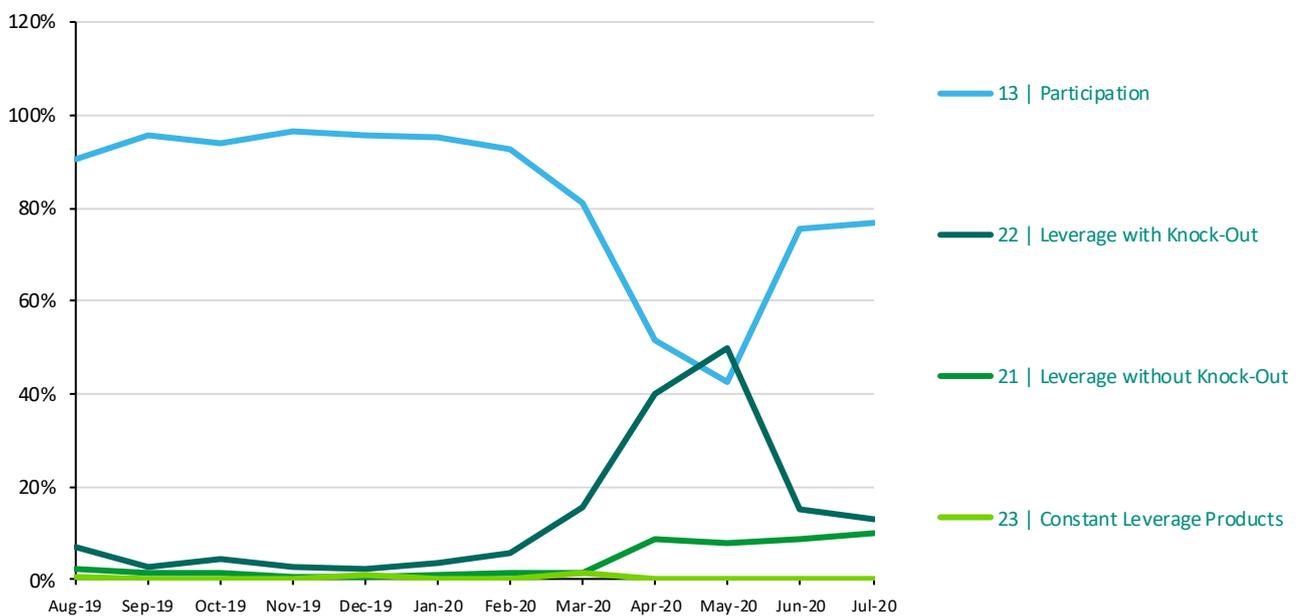
(Source Euronext)



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

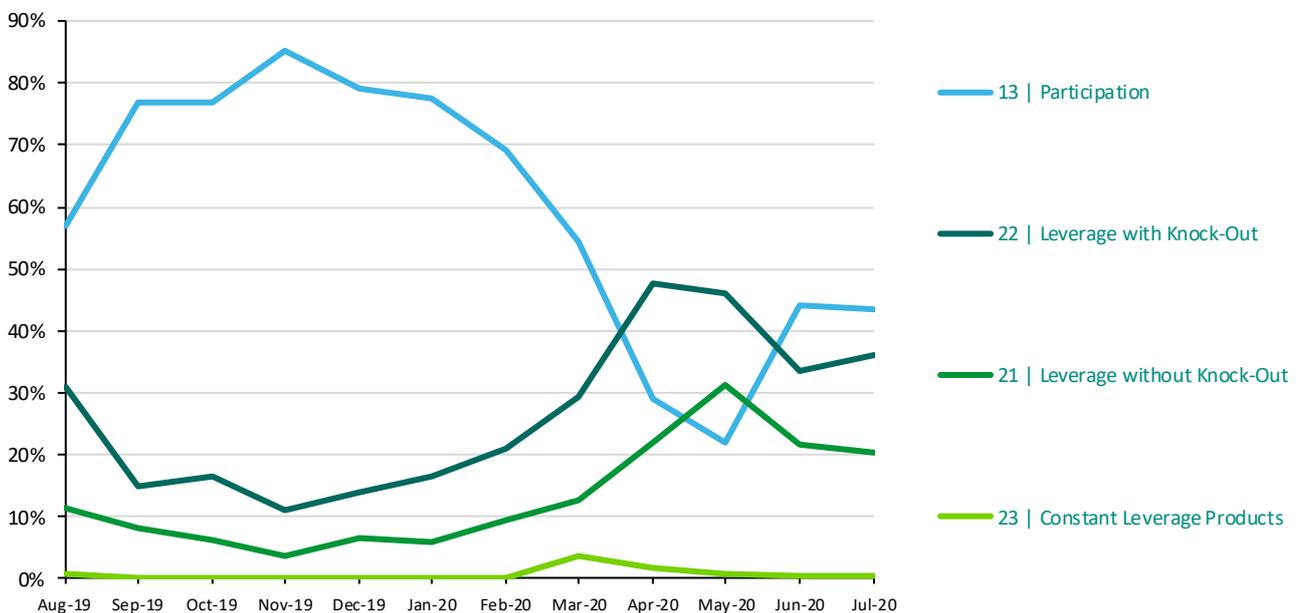
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

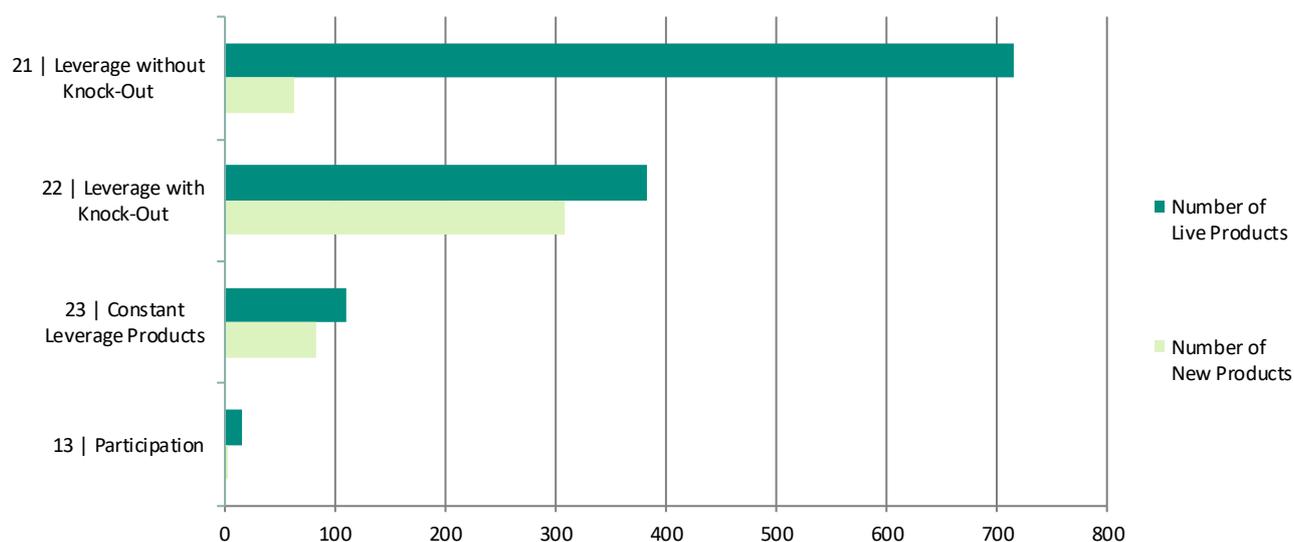
### Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
21   Leverage without Knock-Out	716	-15.2%	-16.4%	58.5%	64	-56%	-23%	13.9%
22   Leverage with Knock-Out	383	-9.9%	-27%	31.3%	308	-35%	-6.0%	67.1%
23   Constant Leverage Products	110	75%	21%	9.0%	84	NA	NA	18.3%
13   Participation	15	7.5%	-18.2%	1.2%	3		NA	0.7%
<b>Total</b>	<b>1,224</b>	<b>-9.1%</b>	<b>-18.0%</b>	<b>100%</b>	<b>459</b>	<b>-26.1%</b>	<b>9.5%</b>	<b>100%</b>

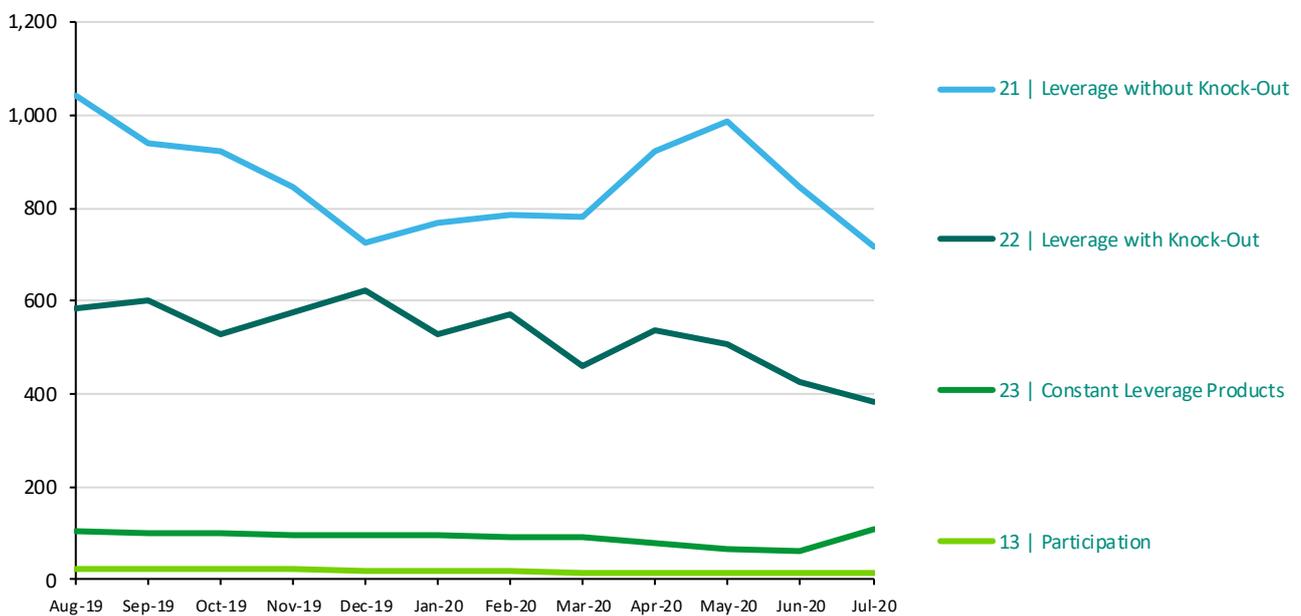
(Source Euronext)



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

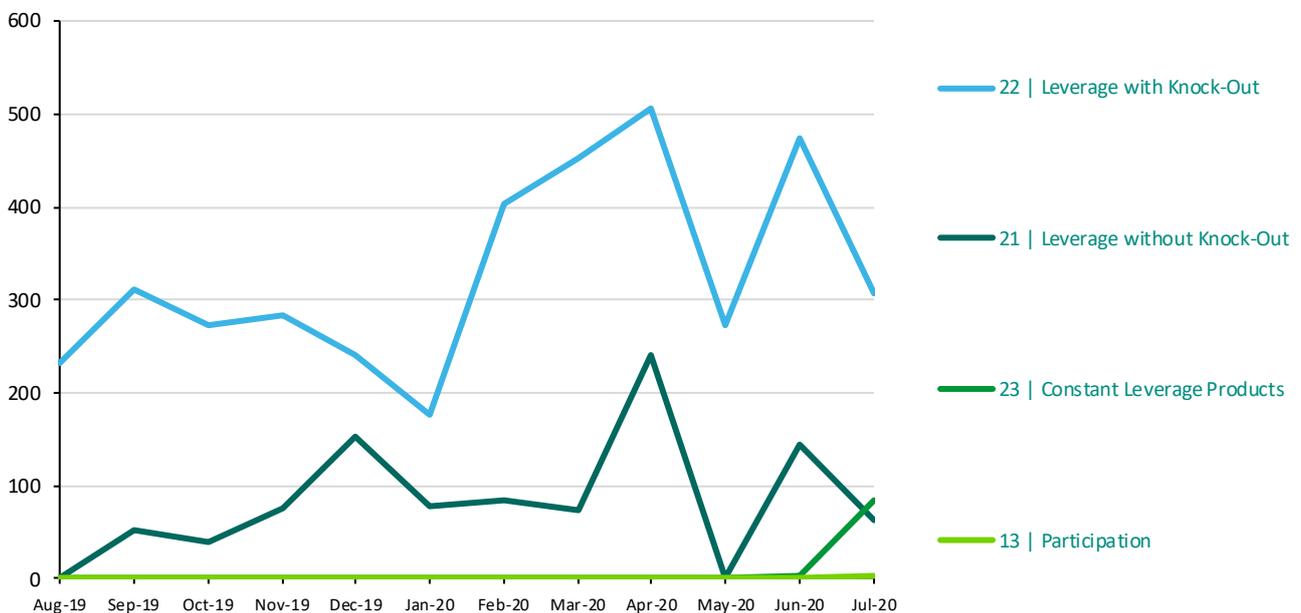
## Product Trend: Number of Live Products

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)

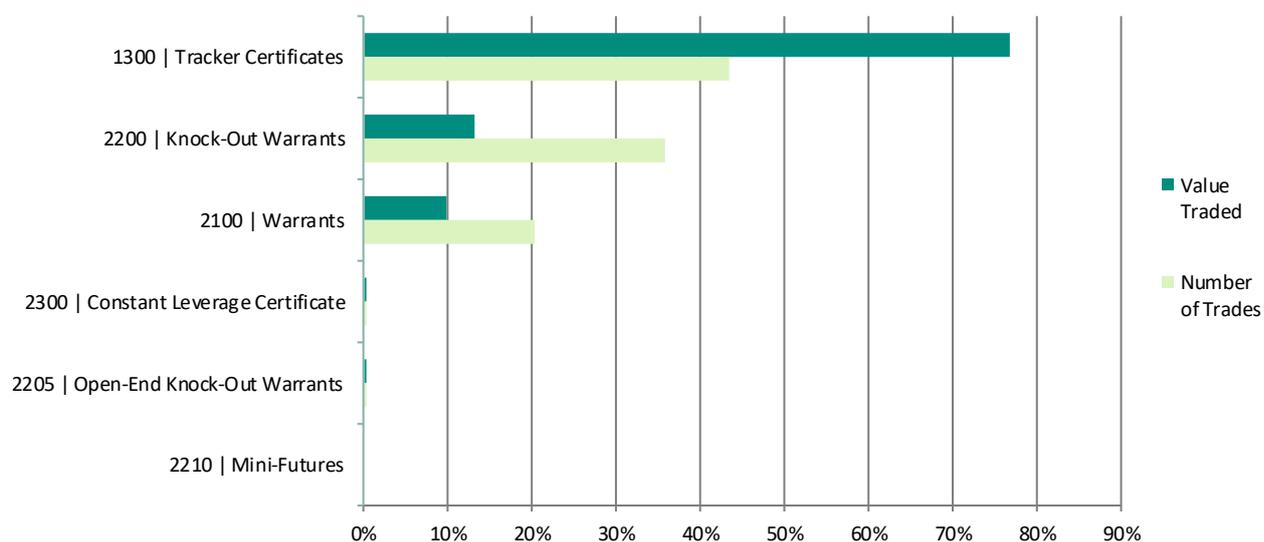
## Market Overview

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	1,262	-21%	-67%	76.8%	93	-15.4%	-63.6%	43.4%
2200   Knock-Out Warrants	216	-33%	-35%	13.1%	77	-7.0%	-16.2%	35.9%
2100   Warrants	164	-11.9%	72%	10.0%	43	-19.5%	-2.2%	20.3%
2300   Constant Leverage Certificate	1	-85%	-93%	0.1%	0.7	-38%	-73%	0.3%
2205   Open-End Knock-Out Warrants	1	-28%	-75%	0.0%	0.4	-44%	-62%	0.2%
2210   Mini-Futures	0			0.0%	0.0			0.0%
<b>Total</b>	<b>1,644</b>	<b>-22.3%</b>	<b>-61.0%</b>	<b>100%</b>	<b>214</b>	<b>-13.7%</b>	<b>-45.7%</b>	<b>100%</b>

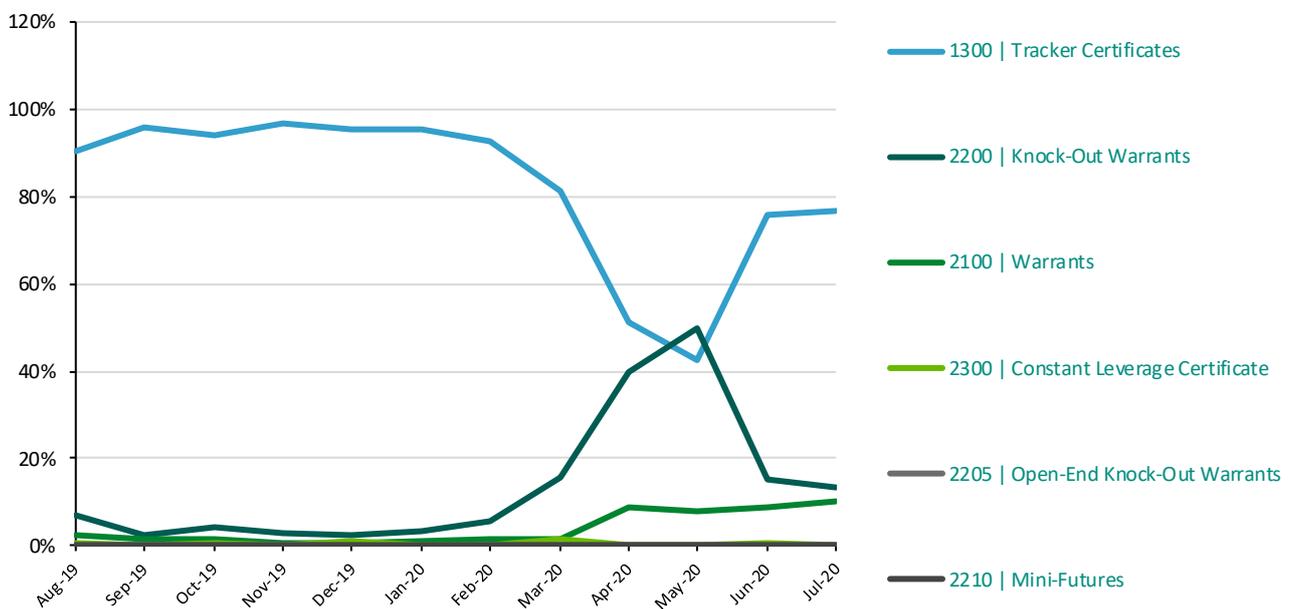
(Source Euronext)



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

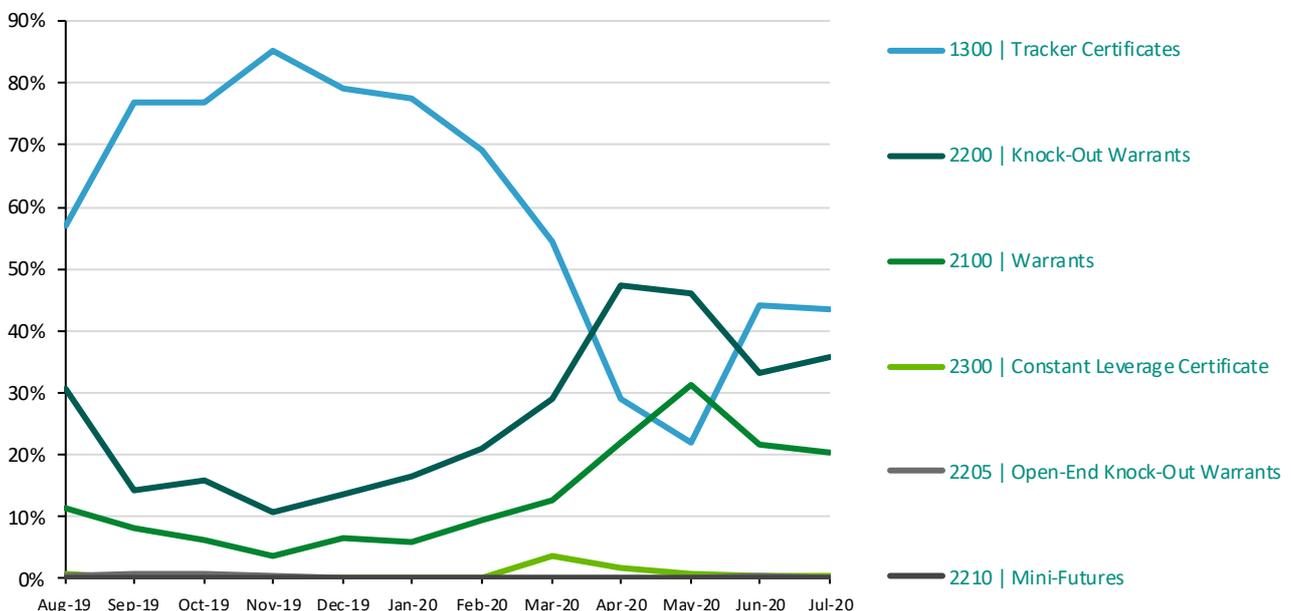
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

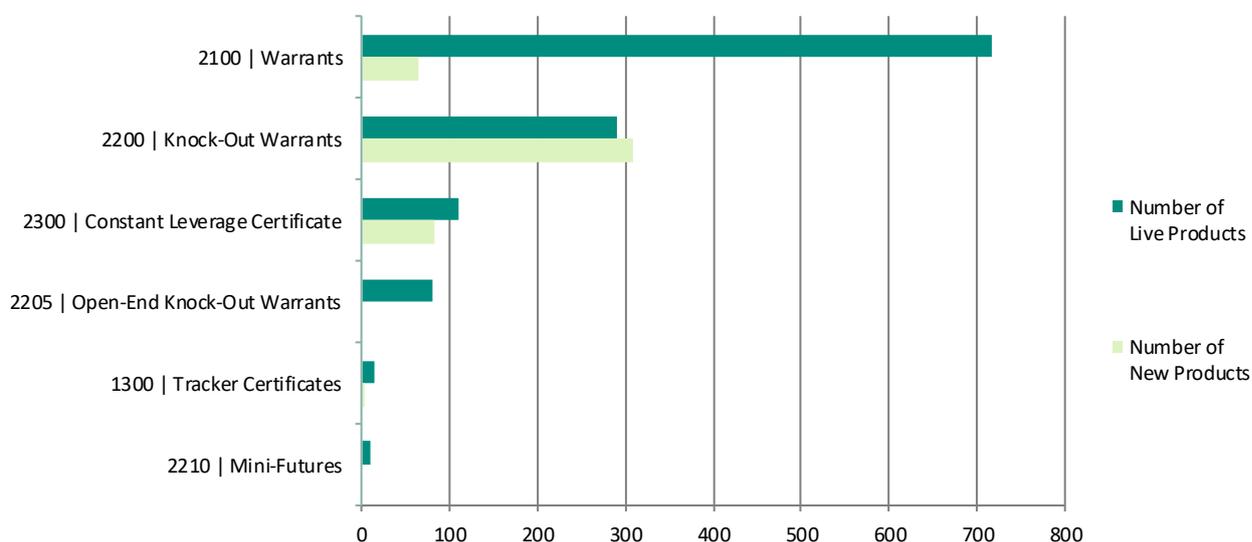
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	716	-15.2%	-16.4%	58.5%	64	-56%	-23%	13.9%
2200   Knock-Out Warrants	291	-11.5%	-17.1%	23.8%	308	-35%	2.2%	67.1%
2300   Constant Leverage Certificate	110	75%	21%	9.0%	84	NA	NA	18.3%
2205   Open-End Knock-Out Warrants	82	-4.7%	-50%	6.7%	0		-100%	0.0%
1300   Tracker Certificates	15	7.5%	-18.2%	1.2%	3		NA	0.7%
2210   Mini-Futures	10	0.9%	-21%	0.8%	0			0.0%
<b>Total</b>	<b>1,224</b>	<b>-9.1%</b>	<b>-18.0%</b>	<b>100%</b>	<b>459</b>	<b>-26.1%</b>	<b>9.5%</b>	<b>100%</b>

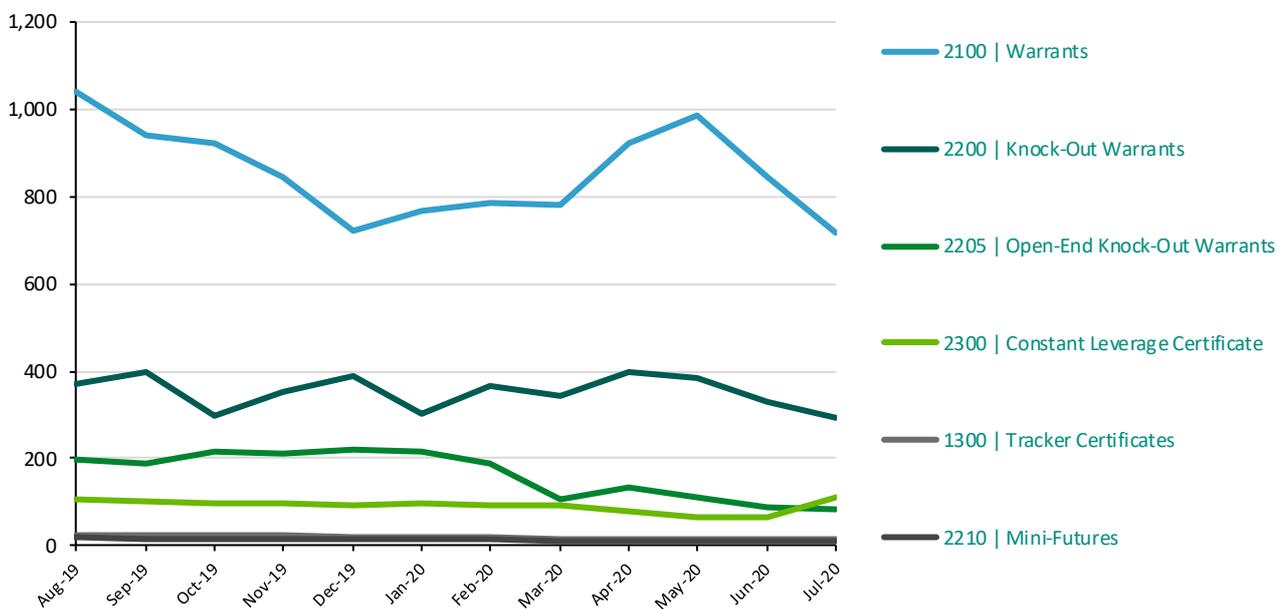
(Source Euronext)



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

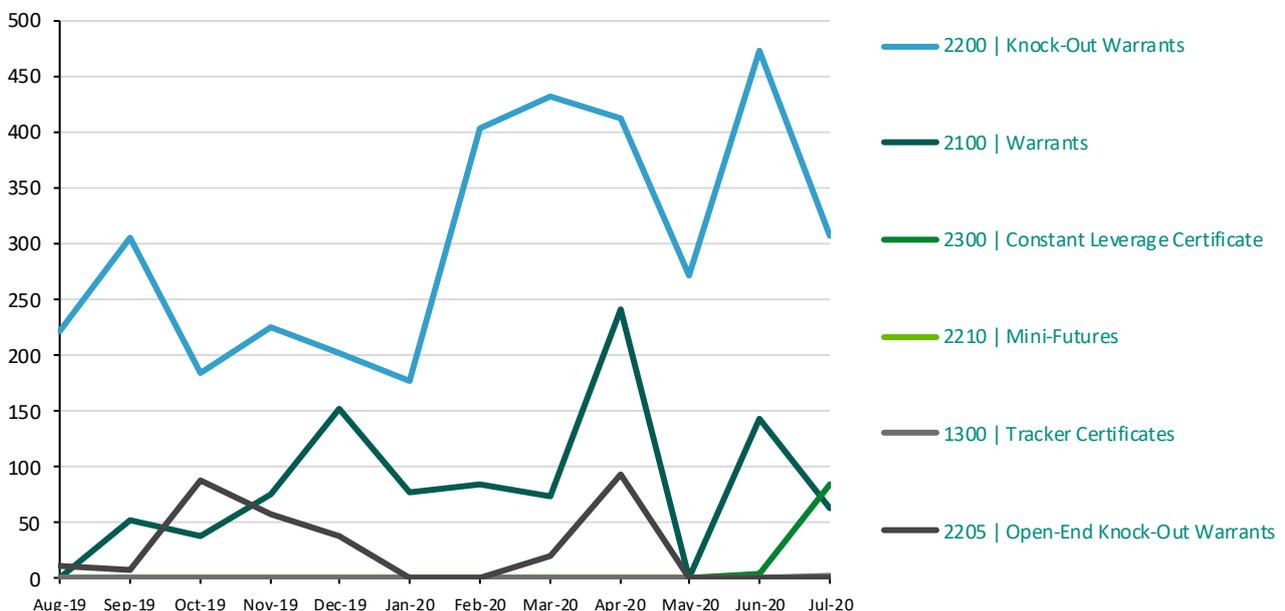
## Product Trend: Number of Live Products

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

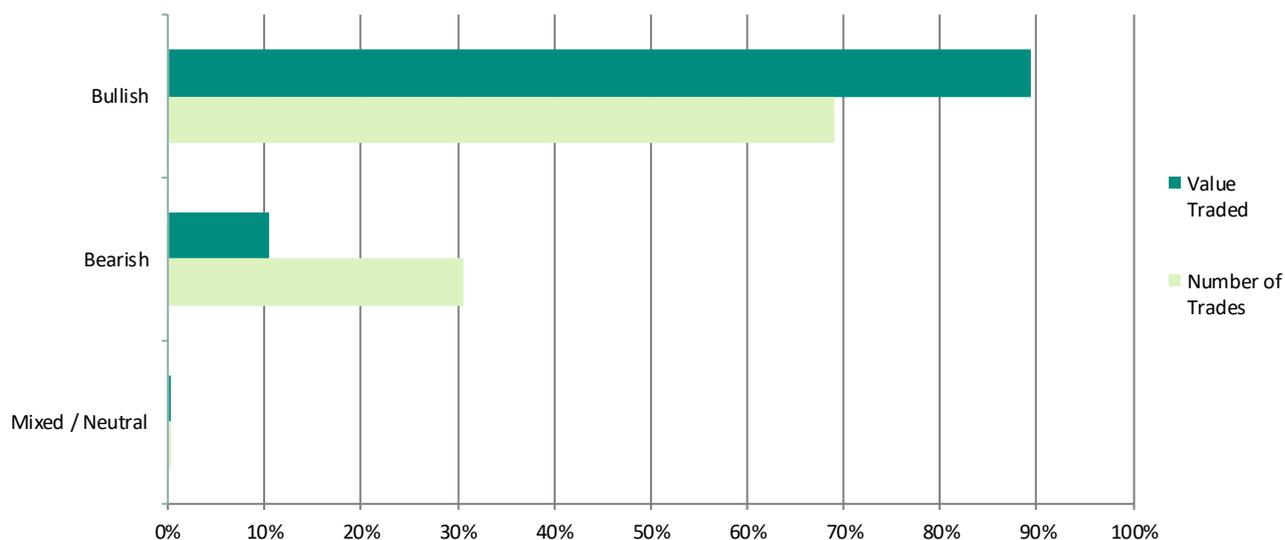
## Market Overview

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	1,469	-19.5%	-63%	89.4%	148	-13.7%	-53.8%	69.1%
Bearish	173	-38%	-23%	10.5%	66	-13.0%	-8.7%	30.7%
Mixed / Neutral	1	-87%	-94%	0.1%	0.4	-63%	-84%	0.2%
<b>Total</b>	<b>1,644</b>	<b>-22.3%</b>	<b>-61.0%</b>	<b>100%</b>	<b>214</b>	<b>-13.7%</b>	<b>-45.7%</b>	<b>100%</b>

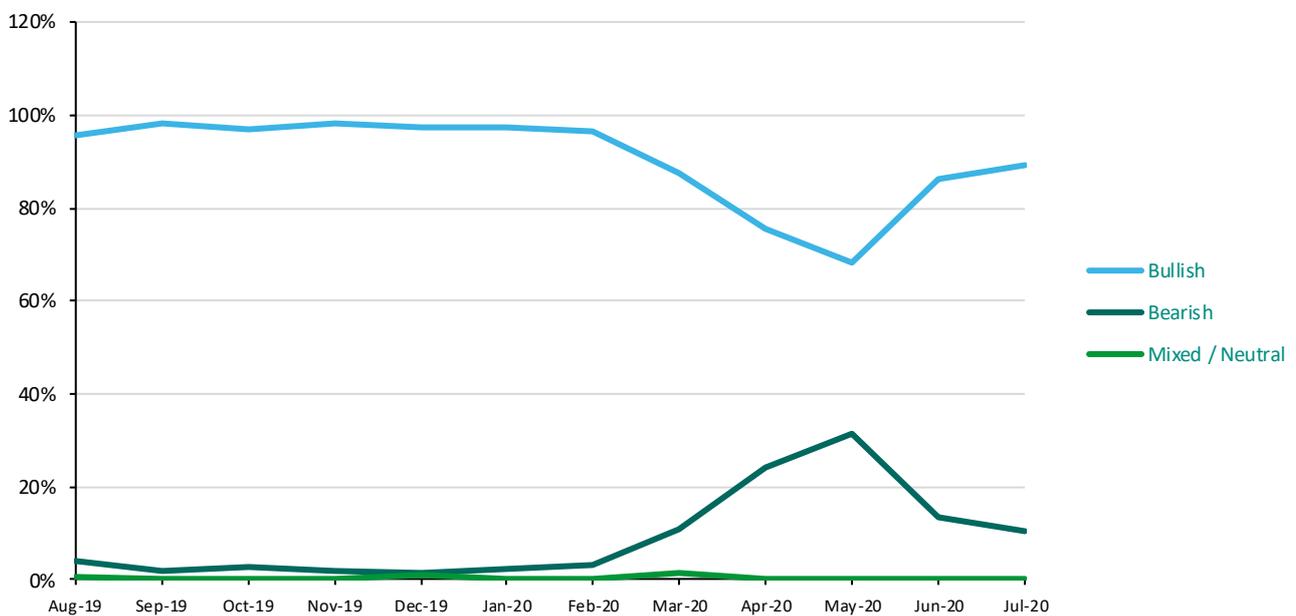
(Source Euronext)



# PRODUCT STRATEGIES

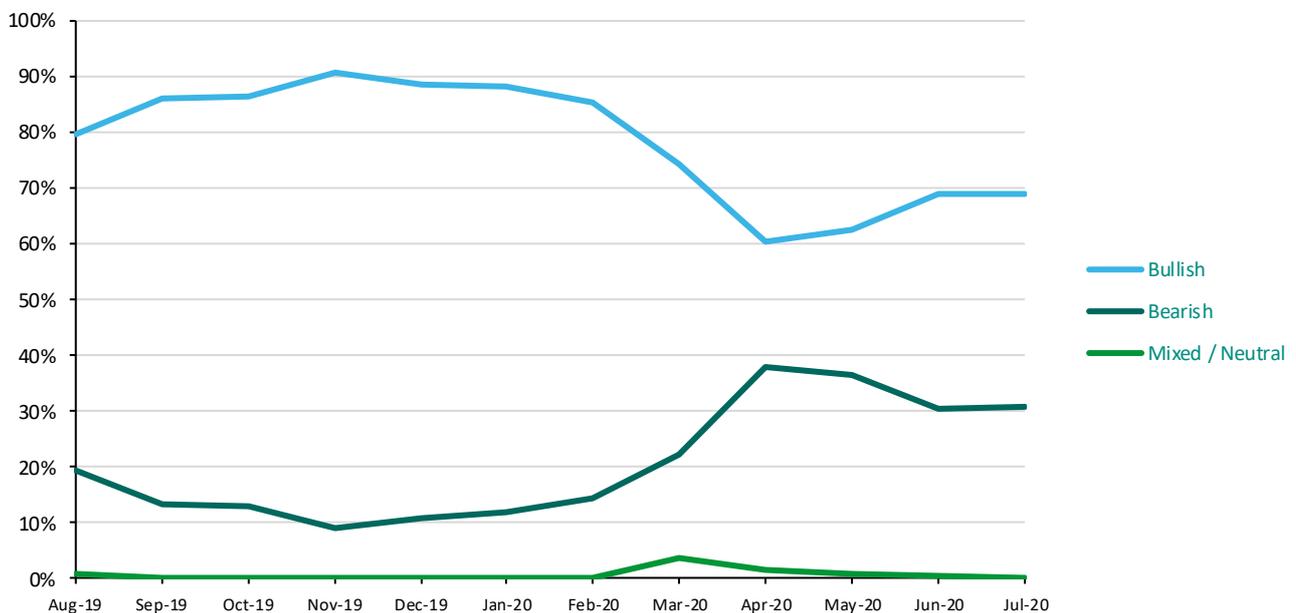
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

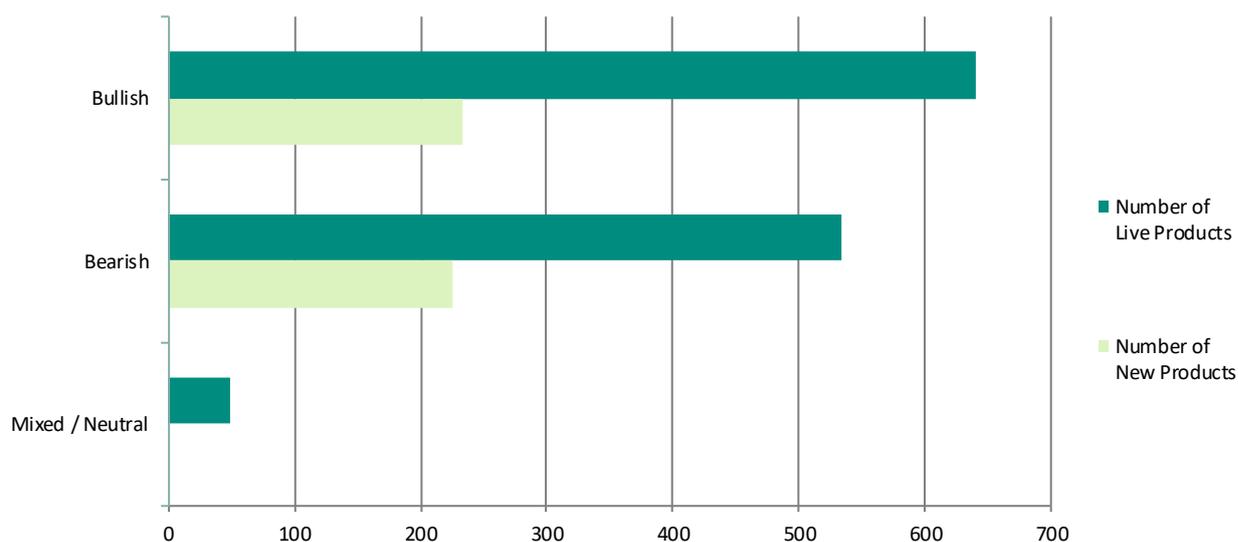
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	640	-9.7%	-12.1%	52.3%	233	-19.7%	7.0%	50.8%
Bearish	535	-7.2%	-21%	43.7%	226	-32%	12.3%	49.2%
Mixed / Neutral	49	-19.8%	-42%	4.0%	0			0.0%
<b>Total</b>	<b>1,224</b>	<b>-9.1%</b>	<b>-18.0%</b>	<b>100%</b>	<b>459</b>	<b>-26.1%</b>	<b>9.5%</b>	<b>100%</b>

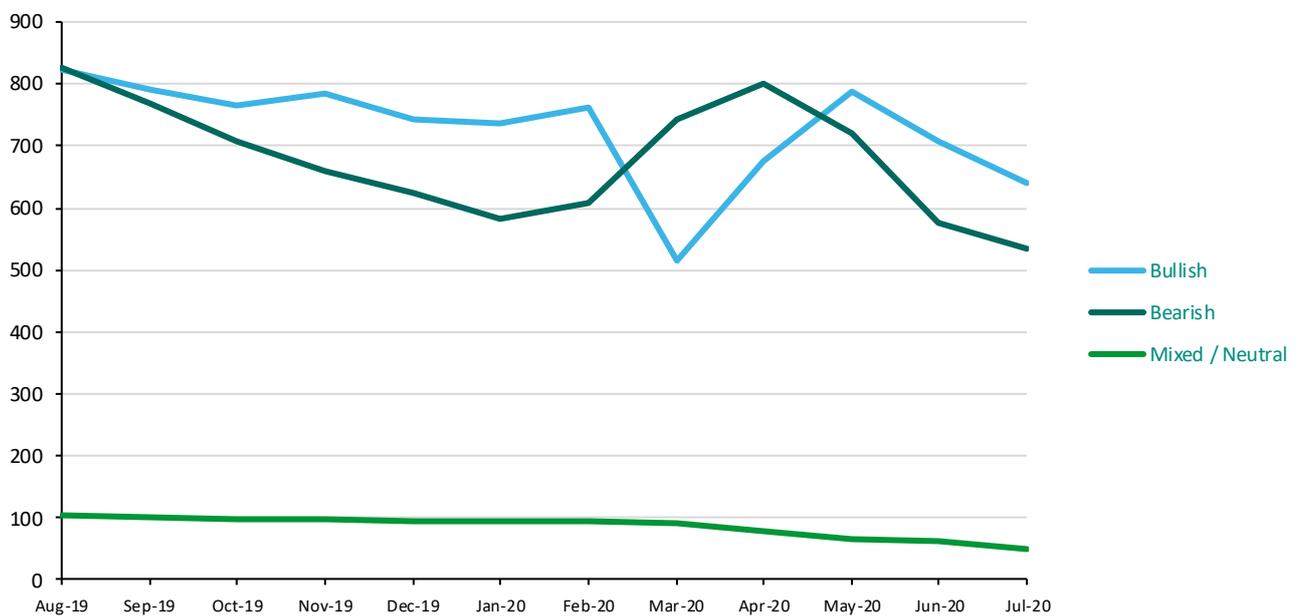
(Source Euronext)



# 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

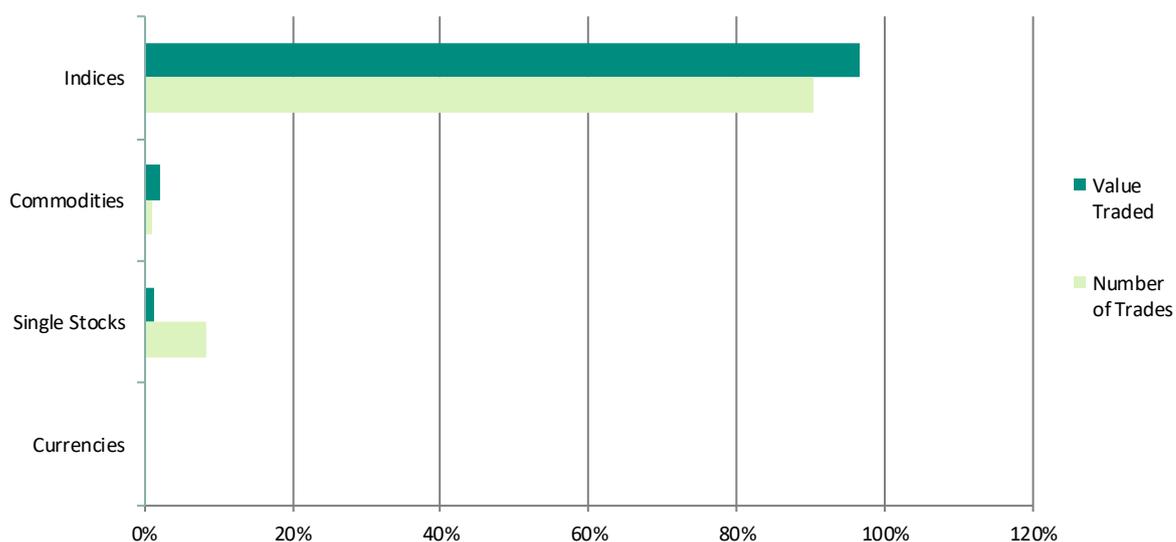
## Market Overview

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	1,588	-23%	-61%	96.6%	194	-13.1%	-46.1%	90.4%
Commodities	32	251%	-30%	2.0%	2.4	-22.4%	-43.7%	1.1%
Single Stocks	23	-52%	-73%	1.4%	18	-17.7%	-41.3%	8.4%
Currencies	0	-94%	-90%	0.0%	0.0	-84.1%	-68.2%	0.0%
<b>Total</b>	<b>1,644</b>	<b>-22.3%</b>	<b>-61.0%</b>	<b>100%</b>	<b>214</b>	<b>-13.7%</b>	<b>-45.7%</b>	<b>100%</b>

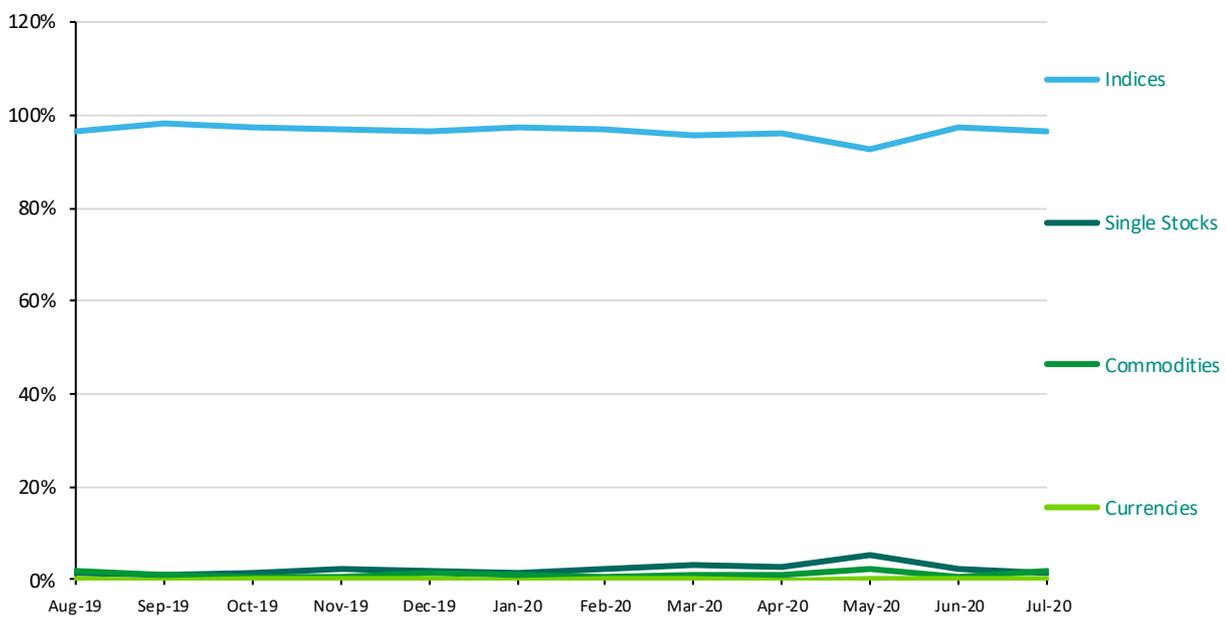
(Source Euronext)



# UNDERLYING TYPES

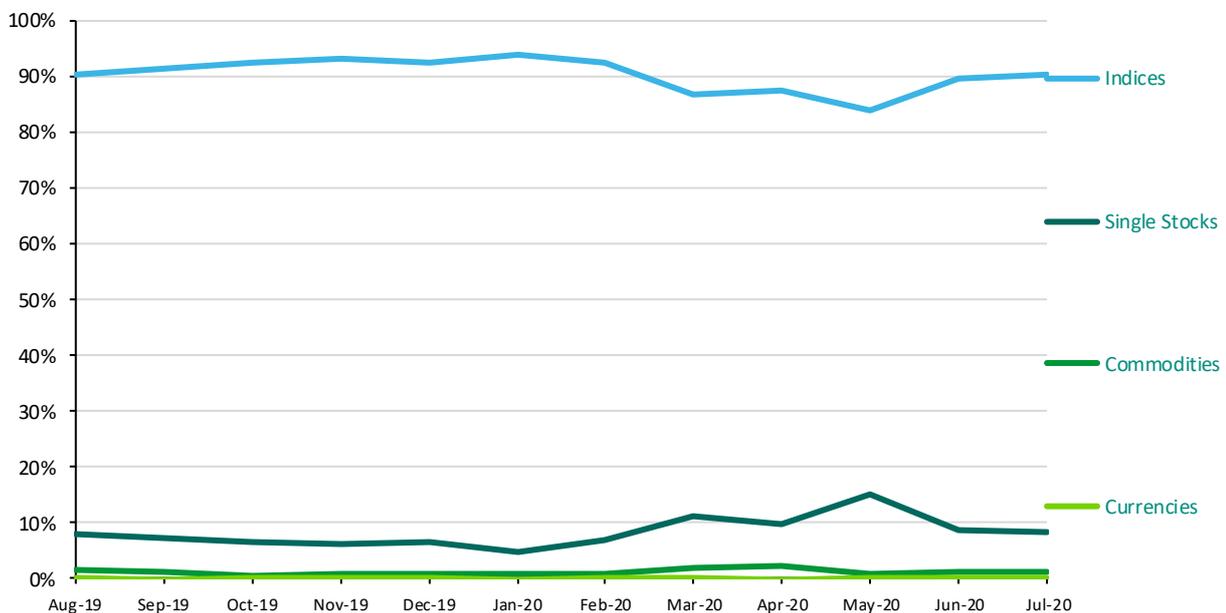
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## UNDERLYING TYPES

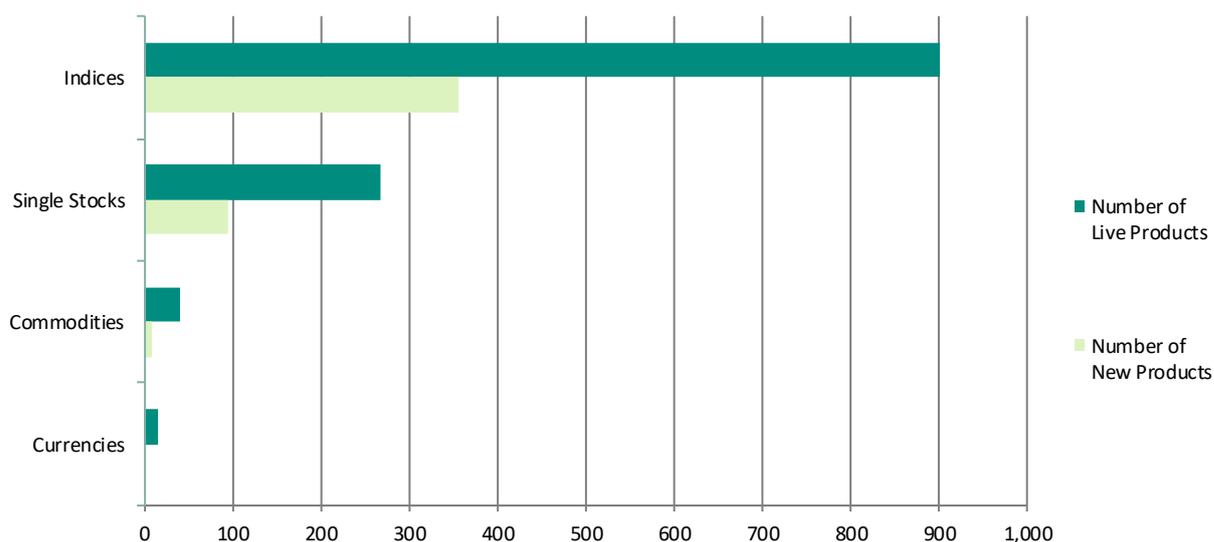
### Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	902	-4.4%	-12.4%	73.6%	355	-36%	4.9%	77.3%
Single Stocks	267	-23%	-32%	21.8%	95	111%	49%	20.7%
Commodities	40	-4.3%	-19.5%	3.3%	9	0.0%	-28%	2.0%
Currencies	16	4.1%	-26%	1.3%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,224</b>	<b>-9.1%</b>	<b>-18.0%</b>	<b>100%</b>	<b>459</b>	<b>-26.1%</b>	<b>9.5%</b>	<b>100%</b>

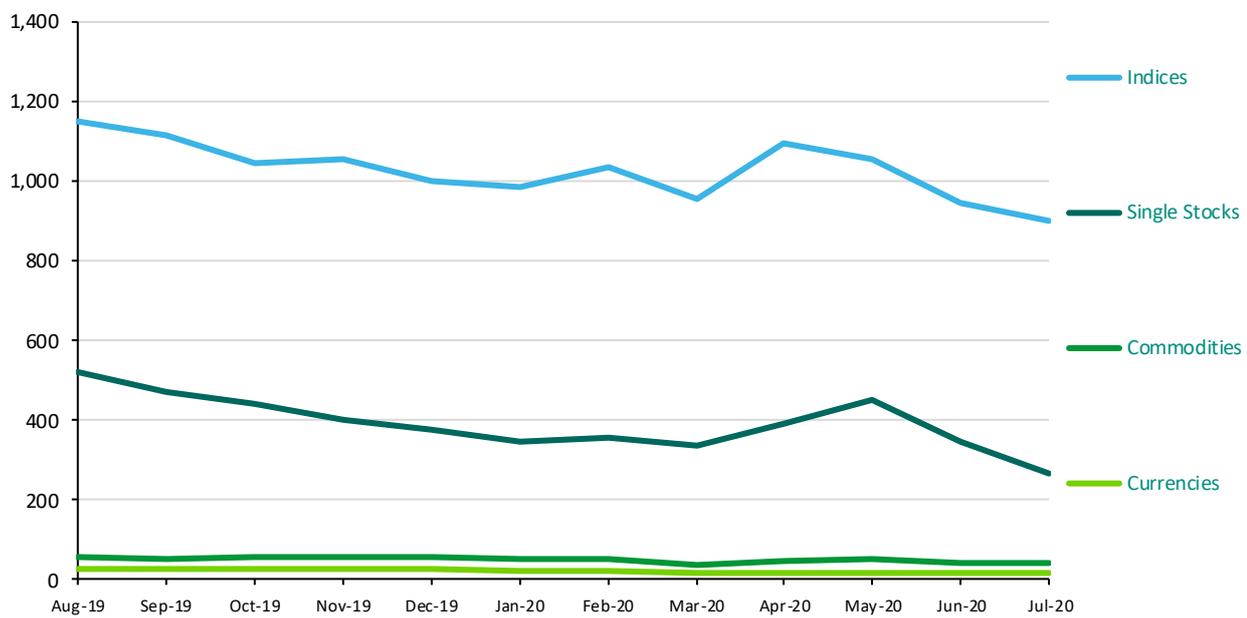
(Source Euronext)



# UNDERLYING TYPES

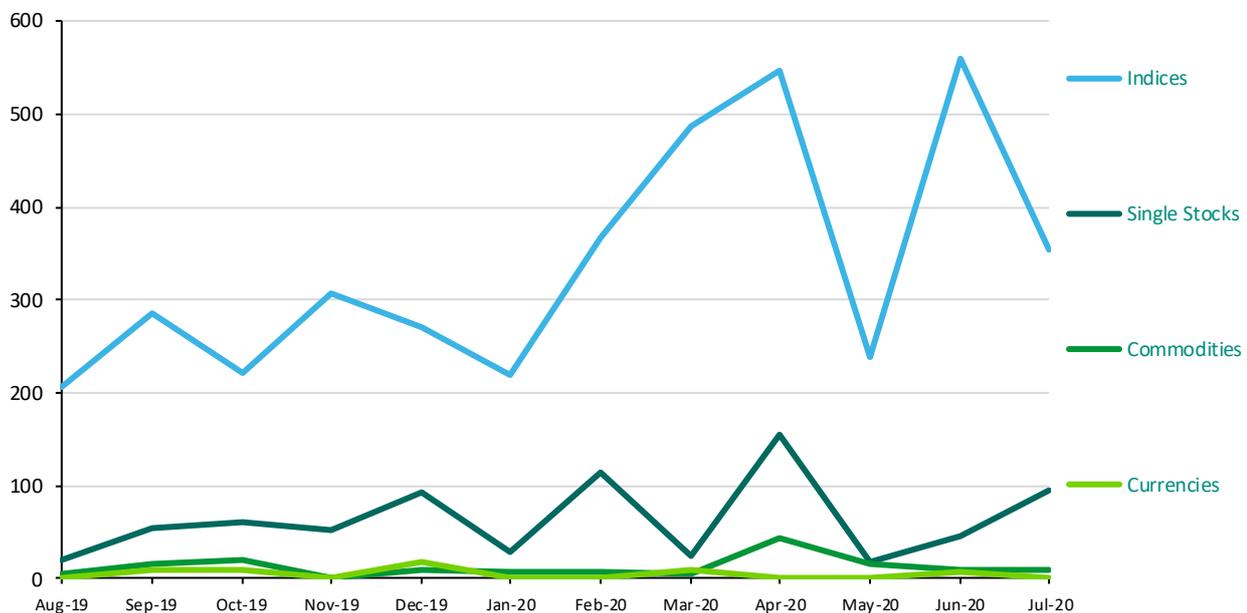
## Product Trend: Number of Live Products

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

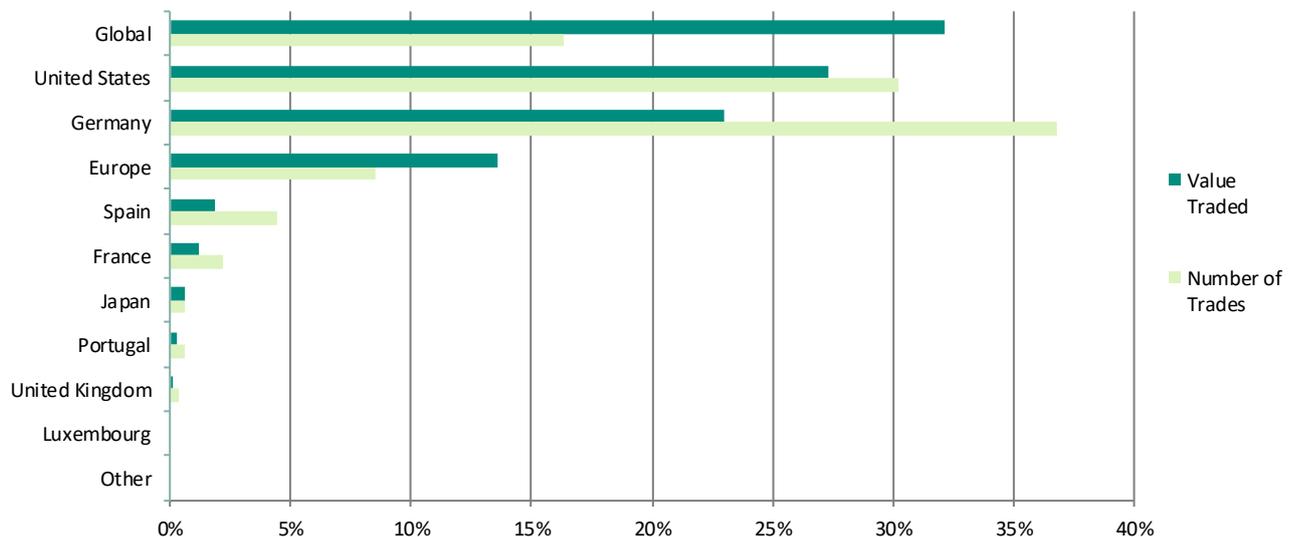
## Market Overview

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
Global	529	-21%	-63%	32.2%	35	-18.9%	-56.0%	16.3%
United States	449	-33%	-69%	27.3%	65	-23%	-52%	30.3%
Germany	378	-6.0%	-12.9%	23.0%	79	-0.7%	-18.0%	36.8%
Europe	223	-29%	-67%	13.6%	18	-19.7%	-64%	8.5%
Spain	30	75%	-37%	1.8%	9.4	9.2%	15.2%	4.4%
France	20	-0.3%	-71%	1.2%	4.6	-14.8%	-44%	2.1%
Japan	10	-51%	-81%	0.6%	1.2	-30%	-81%	0.6%
Portugal	4	-36%	-91%	0.2%	1.3	-18.4%	-86%	0.6%
United Kingdom	1	-64%	-91%	0.1%	0.7	-37%	-64%	0.3%
Luxembourg	0		-100%	0.0%	0.0		-100%	0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>1,644</b>	<b>-22.3%</b>	<b>-61.0%</b>	<b>100%</b>	<b>214</b>	<b>-13.7%</b>	<b>-45.7%</b>	<b>100%</b>

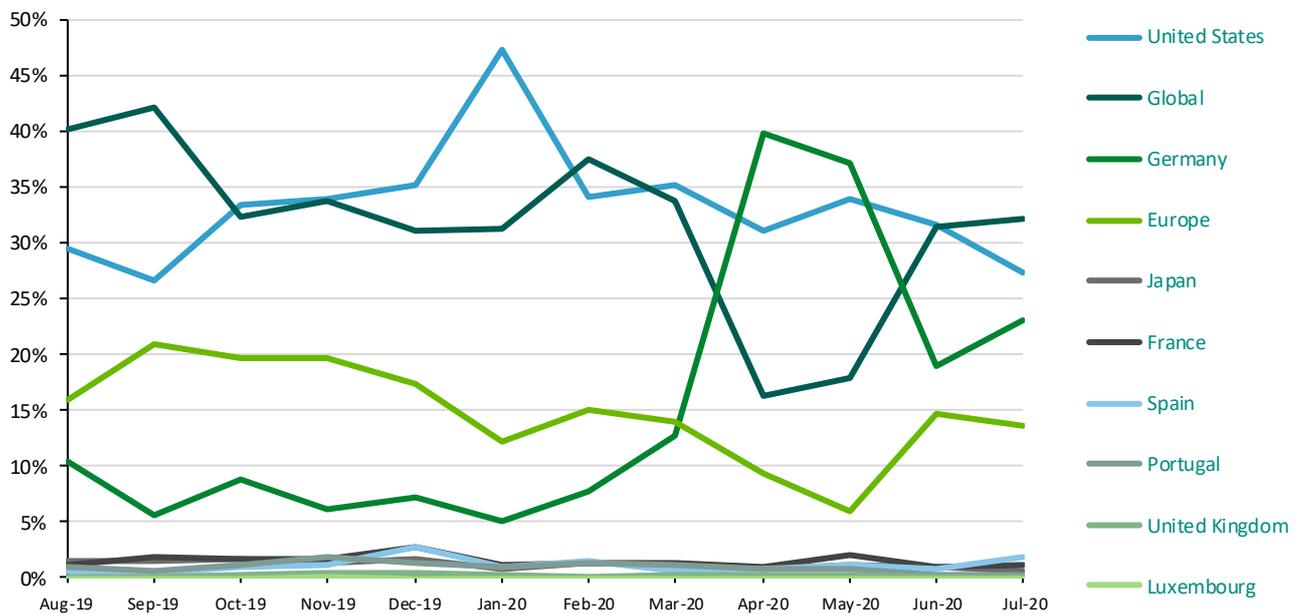
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

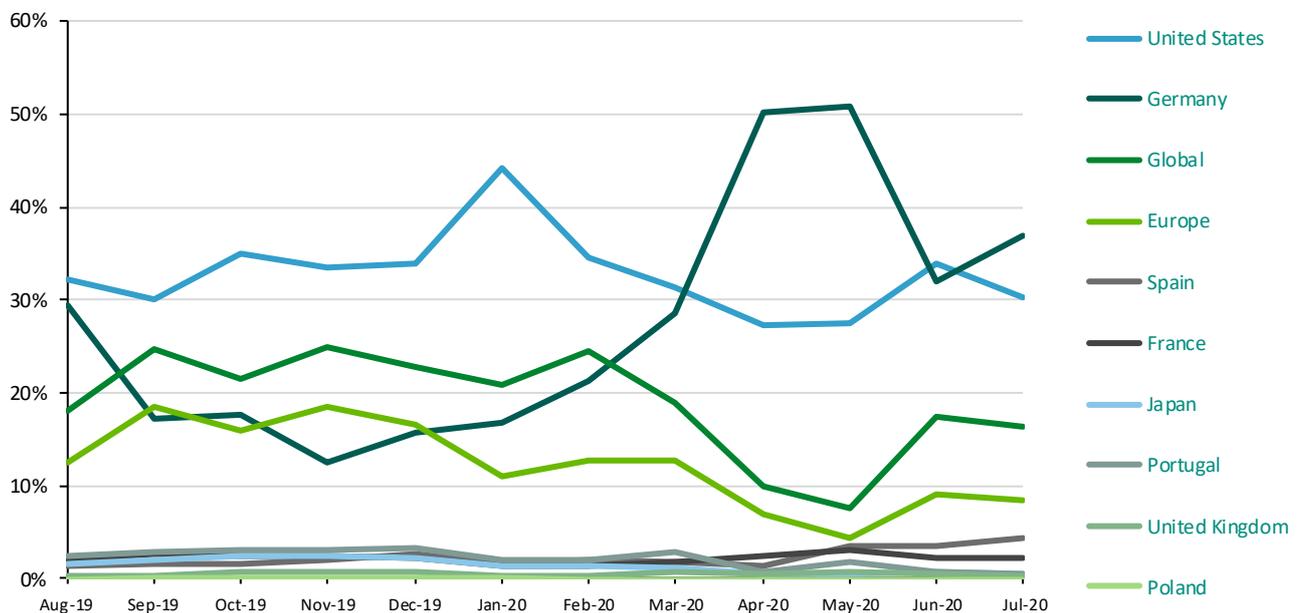
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

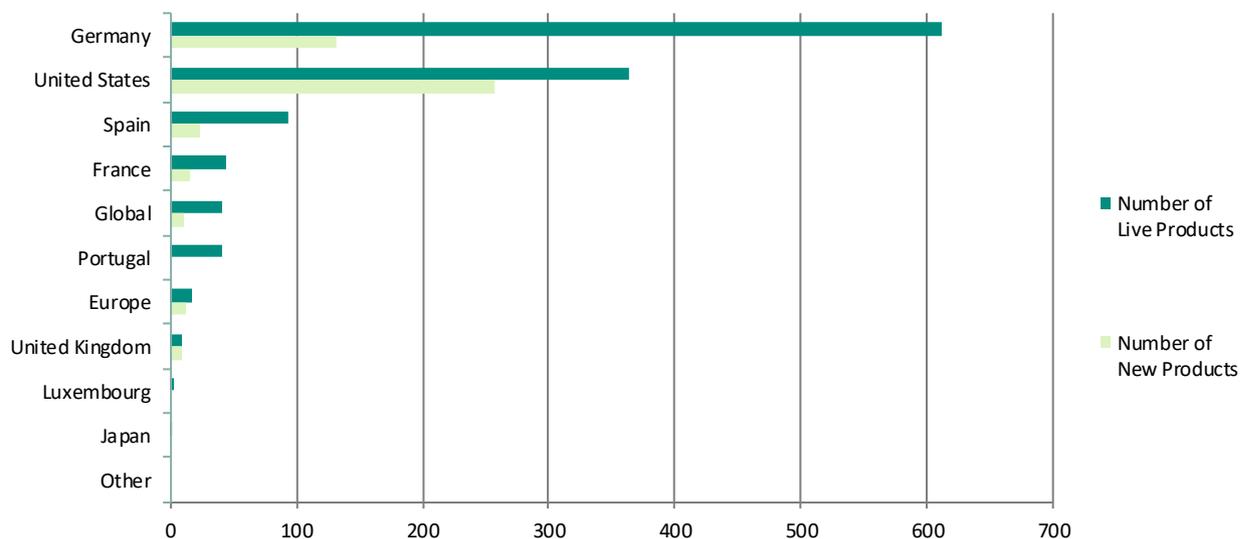
## Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Germany	611	-1.2%	-0.6%	49.9%	131	-64%	-27%	28.5%
United States	364	-18.0%	-29%	29.7%	258	30%	48%	56.2%
Spain	94	-11.1%	-17.7%	7.6%	23	-4.2%	-8.0%	5.0%
France	44	17.9%	12.4%	3.6%	16	-15.8%	11.6%	3.5%
Global	41	-2.6%	-18.1%	3.4%	10	11.1%	-20.0%	2.2%
Portugal	41	-37%	-60%	3.3%	0		-100%	0.0%
Europe	17	-14.7%	-55%	1.4%	12		350%	2.6%
United Kingdom	10	-15.1%	-22%	0.8%	9	50%	130%	2.0%
Luxembourg	2	0.0%	-32%	0.2%	0		-100%	0.0%
Japan	1	0.0%	0.0%	0.1%	0			0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
<b>Total</b>	<b>1,224</b>	<b>-9.1%</b>	<b>-18.0%</b>	<b>100%</b>	<b>459</b>	<b>-26.1%</b>	<b>9.5%</b>	<b>100%</b>

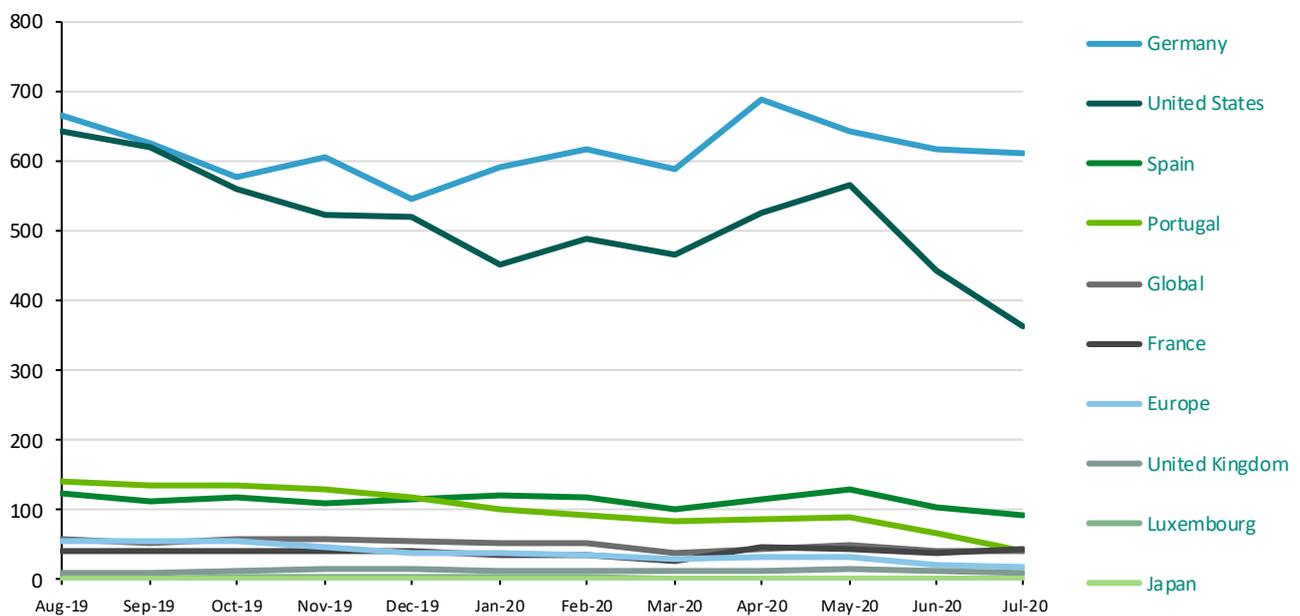
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

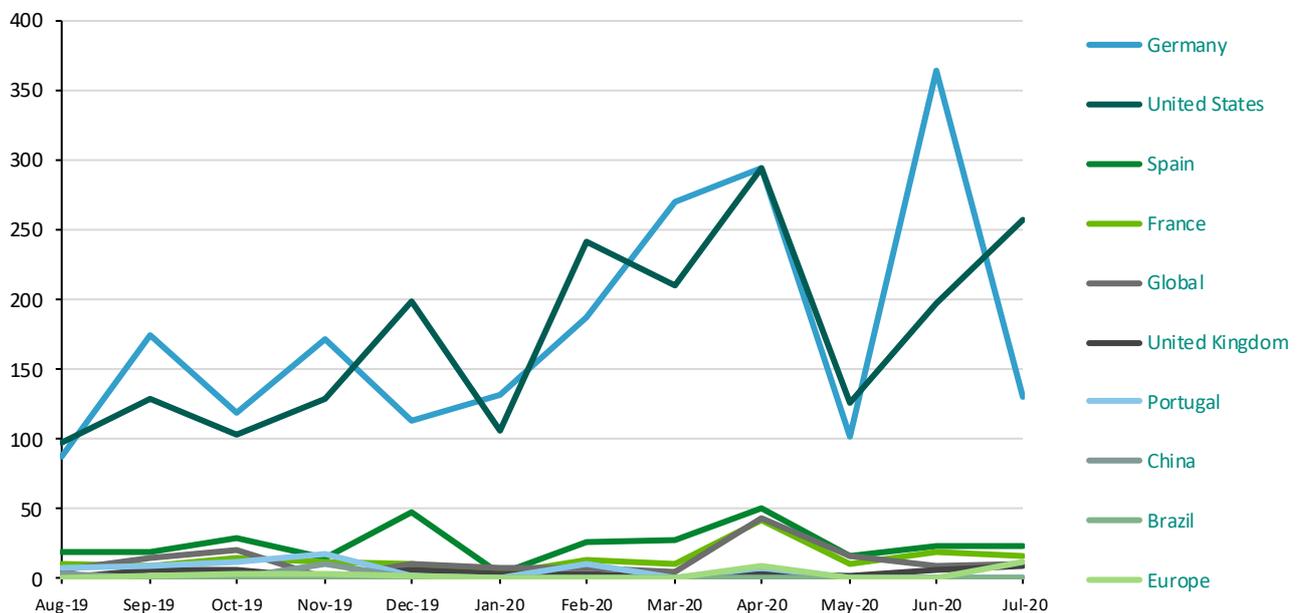
## Product Trend: Number of Live Products

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

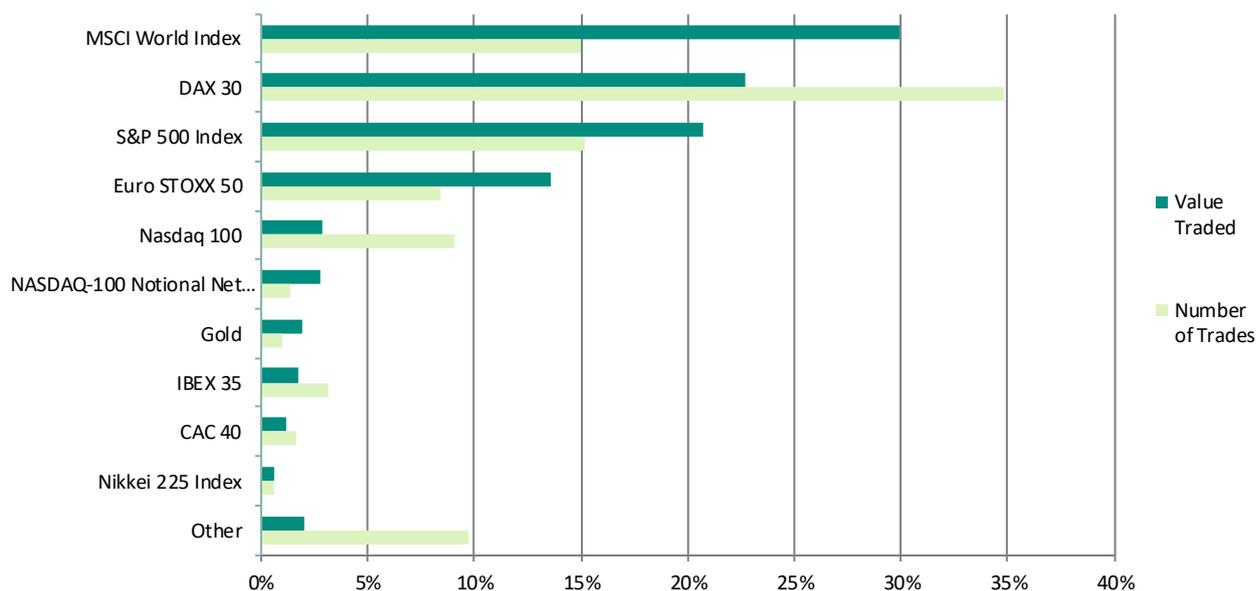
## Market Overview

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	491	-25%	-64%	29.9%	32	-19.0%	-55.7%	15.0%
DAX 30	373	-5.5%	-13.2%	22.7%	75	0.6%	-18.1%	34.9%
S&P 500 Index	341	-28%	-71%	20.7%	33	-24%	-63%	15.2%
Euro STOXX 50	222	-25%	-67%	13.5%	18	-15.4%	-64%	8.4%
Nasdaq 100	47	-69%	-72%	2.9%	20	-31%	-14.9%	9.1%
NASDAQ-100 Notional Net Total Return	45		NA	2.7%	3.0		NA	1.4%
Gold	32	248%	12.8%	2.0%	2.2	-31%	-19.7%	1.0%
IBEX 35	29	81%	-39%	1.8%	6.8	10.4%	8.9%	3.2%
CAC 40	19	2.3%	-71%	1.2%	3.4	-10.0%	-51%	1.6%
Nikkei 225 Index	10	-51%	-81%	0.6%	1.2	-30%	-81%	0.6%
Other	33			2.0%	21			9.7%
<b>Total</b>	<b>1,644</b>	<b>-22.3%</b>	<b>-61.0%</b>	<b>100%</b>	<b>214</b>	<b>-13.7%</b>	<b>-45.7%</b>	<b>100%</b>

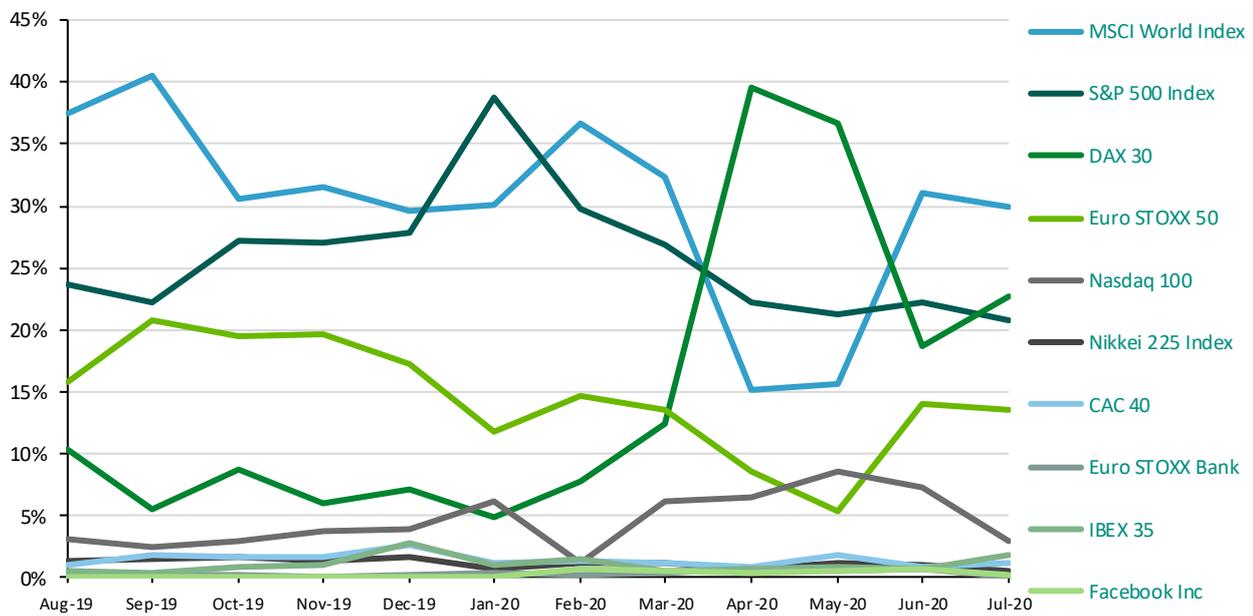
(Source Euronext)



# TOP 10 UNDERLYINGS

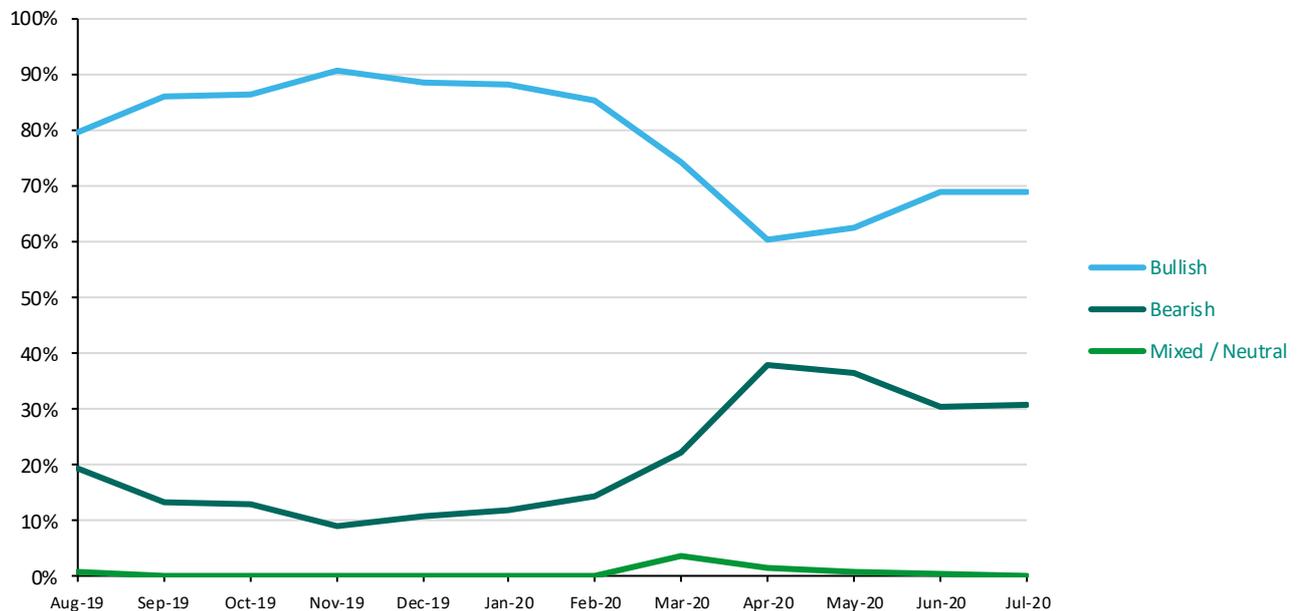
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYINGS

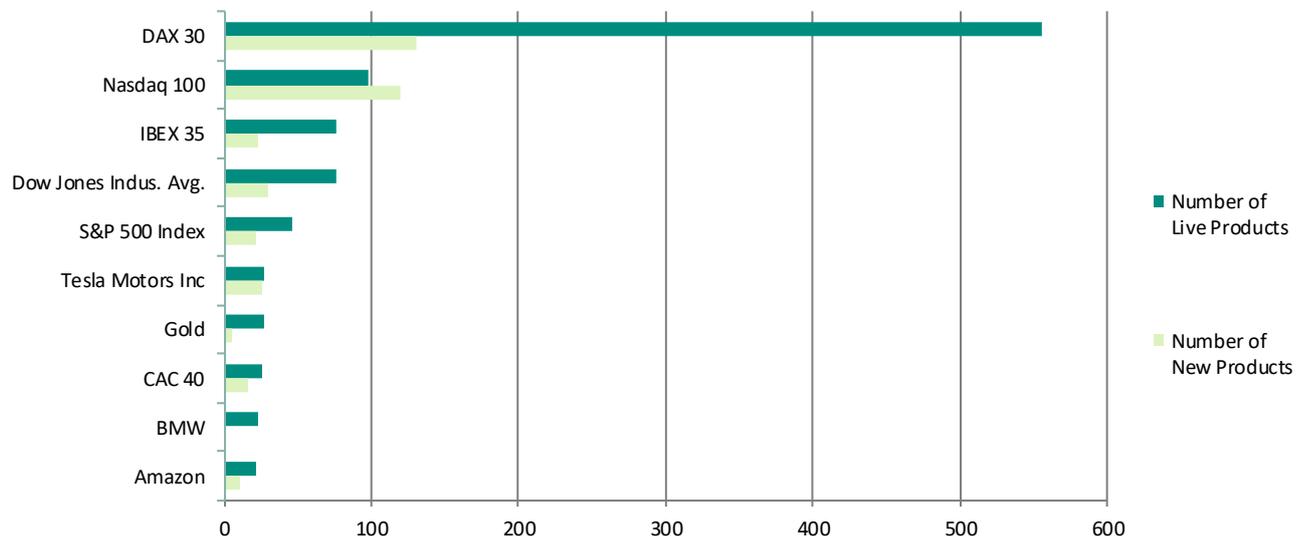
## Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
DAX 30	556	0.7%	1.7%	45.4%	131	-64%	-25%	28.5%
Nasdaq 100	97	-9.4%	-37%	8.0%	120	45%	56%	26.1%
IBEX 35	76	-10.8%	-11.3%	6.2%	23	-4.2%	-2.8%	5.0%
Dow Jones Indus. Avg.	75	-21%	-16.0%	6.2%	30	-43%	-2.4%	6.5%
S&P 500 Index	45	-14.6%	-34%	3.7%	21	24%	25%	4.6%
Tesla Motors Inc	27	-6.9%	-0.5%	2.2%	26	117%	164%	5.7%
Gold	26	-8.0%	18.8%	2.1%	5	400%	33%	1.1%
CAC 40	26	42%	-8.8%	2.1%	16	-15.8%	23%	3.5%
BMW	23	-15.5%	-7.4%	1.9%	0	-100%	-100%	0.0%
Amazon	21	-38%	-42%	1.7%	11	38%	17.9%	2.4%
Other	251	-21%	-39%	20.5%	76			16.6%
<b>Total</b>	<b>1,224</b>	<b>-9.1%</b>	<b>-18.0%</b>	<b>100%</b>	<b>459</b>	<b>-26.1%</b>	<b>9.5%</b>	<b>100%</b>

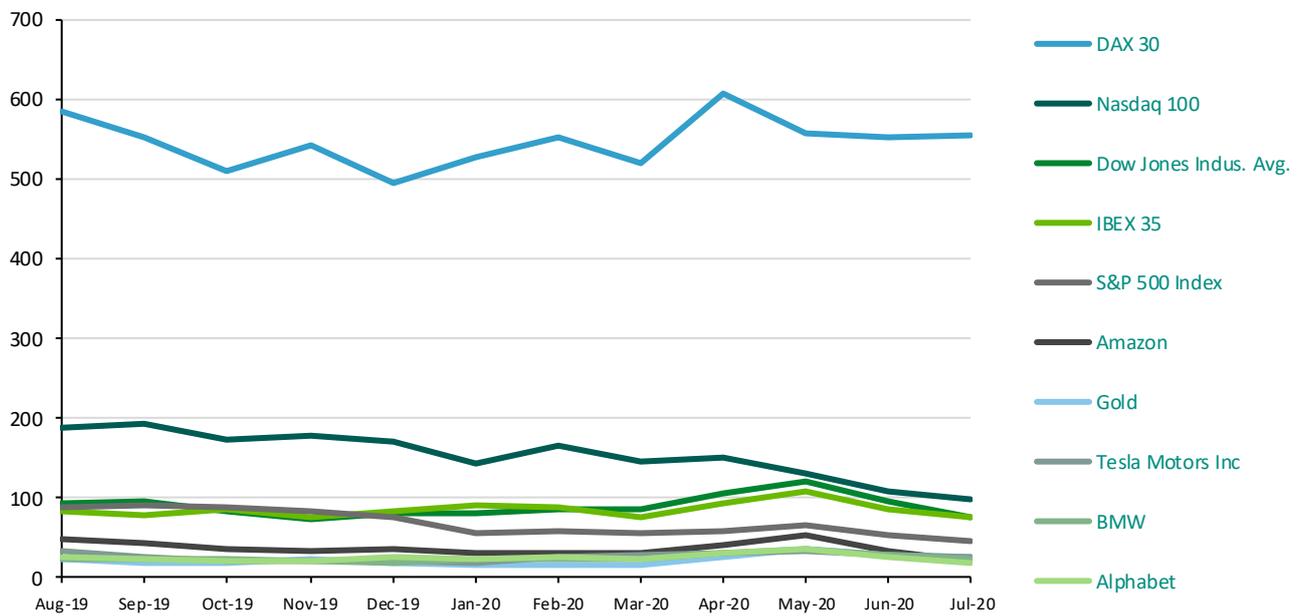
(Source Euronext)



# TOP 10 UNDERLYINGS

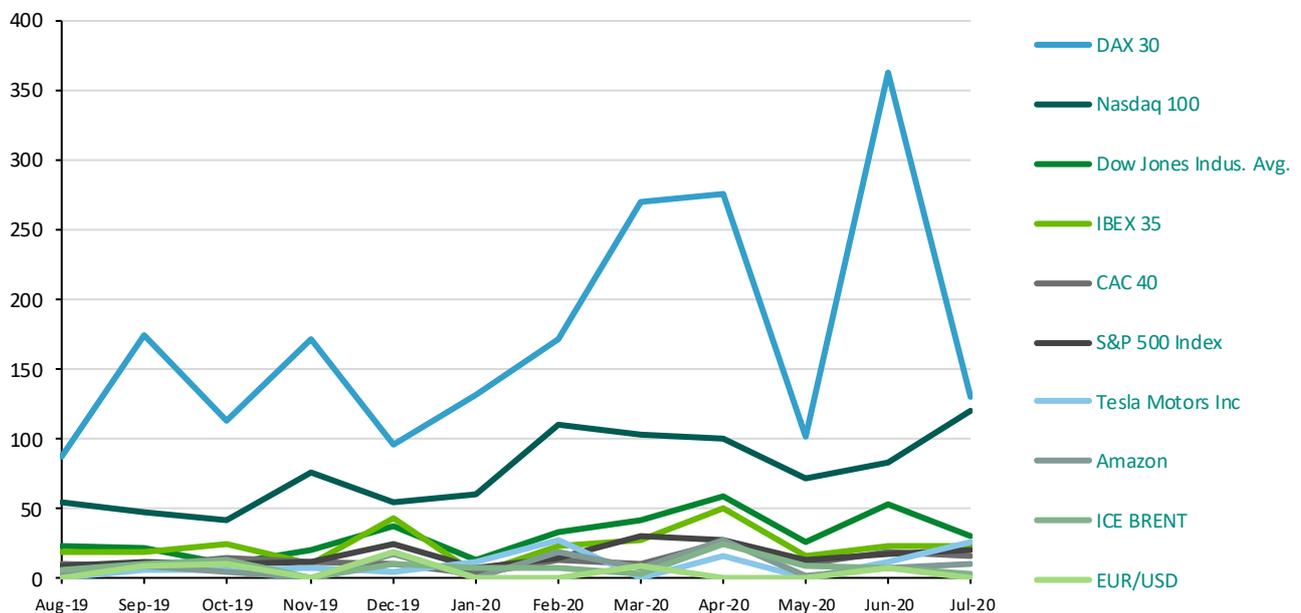
## Product Trend: Number of Live Products

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	11,300	738
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	7,585	568
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	5,116	413
PTBITYE0034	BCP	1300	Tracker Certificates	DAX 30	2,245	146
PTBCPZYM0047	BCP	1300	Tracker Certificates	NASDAQ-100 Notional Net Tot:	1,038	69
PTBCPAYM0053	BCP	1300	Tracker Certificates	Gold	646	22
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	438	78
DE000KB194H2	Citi	2200	Knock-Out Warrants	DAX 30	424	54
DE000KA39HW1	Citi	2100	Warrants	DAX 30	406	21
DE000KA39J28	Citi	2100	Warrants	DAX 30	389	16
DE000KA39HP5	Citi	2100	Warrants	DAX 30	380	12
DE000SB0H9U6	Société Générale	2200	Knock-Out Warrants	IBEX 35	378	29
DE000KA39J51	Citi	2100	Warrants	DAX 30	316	10
DE000KA39JF2	Citi	2100	Warrants	DAX 30	270	5
DE000SB0H9T8	Société Générale	2200	Knock-Out Warrants	DAX 30	242	60
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	237	28
DE000SB2K755	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	227	37
DE000KB196J3	Citi	2200	Knock-Out Warrants	DAX 30	204	29
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	203	26
DE000KA39HT7	Citi	2100	Warrants	DAX 30	190	7
DE000KA39J02	Citi	2100	Warrants	DAX 30	184	6
DE000KB196H7	Citi	2200	Knock-Out Warrants	DAX 30	175	18
DE000SB22JX2	Société Générale	2200	Knock-Out Warrants	DAX 30	173	35
DE000KA39KN4	Citi	2100	Warrants	DAX 30	169	9
DE000SB083Q0	Société Générale	2200	Knock-Out Warrants	DAX 30	137	24
DE000SB03ZQ2	Société Générale	2200	Knock-Out Warrants	DAX 30	134	27
DE000SB2V6N7	Société Générale	2200	Knock-Out Warrants	DAX 30	133	35
DE000SB083R8	Société Générale	2200	Knock-Out Warrants	DAX 30	131	70
DE000KB196F1	Citi	2200	Knock-Out Warrants	DAX 30	131	11
DE000KB191V9	Citi	2200	Knock-Out Warrants	DAX 30	122	19
DE000SB0H9Q4	Société Générale	2200	Knock-Out Warrants	DAX 30	120	39
DE000CL85MH9	Société Générale	2100	Warrants	DAX 30	115	18
DE000CL8NHD7	Société Générale	2100	Warrants	Nasdaq 100	113	3
DE000KA39H38	Citi	2100	Warrants	DAX 30	100	32
DE000SB0UQR4	Société Générale	2200	Knock-Out Warrants	DAX 30	92	44
DE000SB1KGE2	Société Générale	2200	Knock-Out Warrants	Gold	83	18
DE000SB2YZ53	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	83	15
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	82	27
DE000CU1Q0N2	Société Générale	2100	Warrants	DAX 30	78	26
DE000KB197B8	Citi	2200	Knock-Out Warrants	Nasdaq 100	75	16
DE000SB0H9S0	Société Générale	2200	Knock-Out Warrants	DAX 30	73	26
DE000KB192V7	Citi	2200	Knock-Out Warrants	S&P 500 Index	72	12
DE000SB2HDX3	Société Générale	2200	Knock-Out Warrants	DAX 30	68	31
DE000KB196G9	Citi	2200	Knock-Out Warrants	DAX 30	64	9
DE000SB2F854	Société Générale	2200	Knock-Out Warrants	DAX 30	64	24
DE000SB2HDZ8	Société Générale	2200	Knock-Out Warrants	DAX 30	62	24
DE000CL1EZ28	Société Générale	2100	Warrants	Tesla Motors Inc	61	4
DE000SB25ZG6	Société Générale	2200	Knock-Out Warrants	DAX 30	60	34
DE000SB25ZK8	Société Générale	2200	Knock-Out Warrants	Nasdaq 100	59	9
PTBIU3YE0078	BCP	1300	Tracker Certificates	STOXX 600 Utilities	57	4

(Source Euronext)

# PARIS REAL ESTATE FUTURES CONTRACT



## EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

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

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

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

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

### ABOUT THE INDEX

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

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

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

### Find out more

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

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

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

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