



Warrants & Certificates

# Activity report

Issue 109  
August 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 31/08/2020)	33,811	828	1,400	49,717	<b>85,757</b>
New Products	15,766	357	410	14,468	<b>31,001</b>
New Products YTD	144,588	3,422	3,778	172,476	<b>324,264</b>
Value Traded (in €m)	424.3	11.3	31.7	356.8	<b>824.1</b>
Value Traded YTD (in €m)	4,940.0	113.1	536.6	3,954.9	<b>9,544.5</b>
Value Traded ADV (in €m)	20.2	0.5	1.5	17.0	<b>39.2</b>
Value Traded YTD ADV (in €m)	28.4	0.7	3.1	22.7	<b>54.9</b>
Number of Trades	139,483	6,115	3,828	135,997	<b>285,423</b>
Number of Trades YTD	1,670,059	45,561	59,216	1,391,047	<b>3,165,883</b>
Number of Trades ADV	6,642	291	182	6,476	<b>13,592</b>
Number of Trades YTD ADV	9,598	262	340	7,995	<b>18,195</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

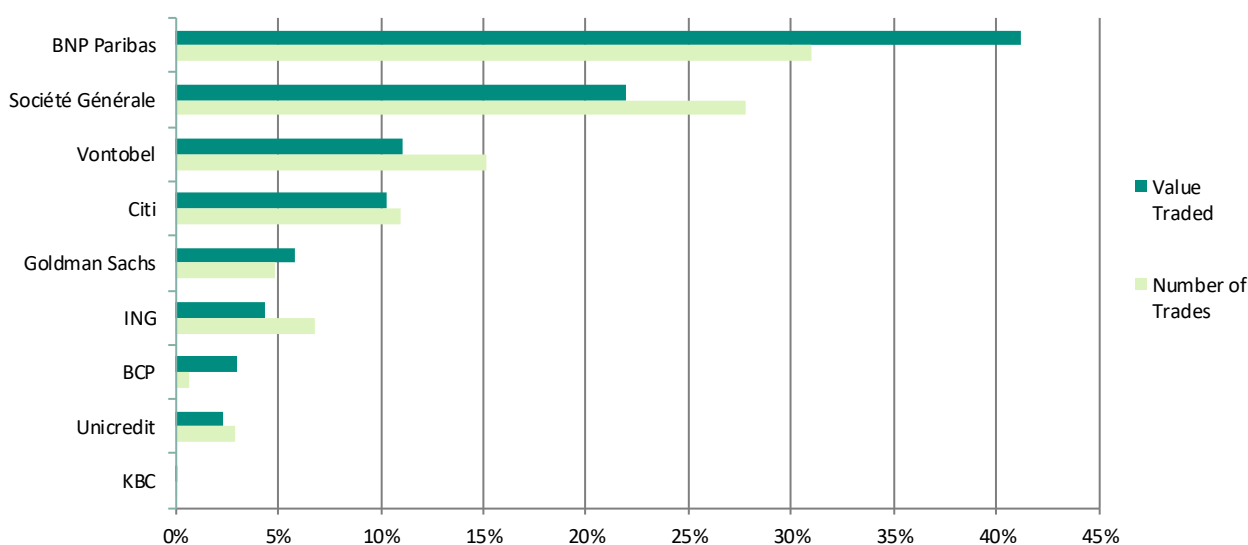
## Market Overview

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	16,164	-7.9%	-14.4%	41.2%	4,214	-14.4%	-18.0%	31.0%
Société Générale	8,613	-7.9%	9.1%	22.0%	3,775	-5.2%	27.1%	27.8%
Vontobel	4,330	25%	0.1%	11.0%	2,061	25.3%	5.7%	15.2%
Citi	4,041	7.6%	21%	10.3%	1,485	-18.1%	-10.0%	10.9%
Goldman Sachs	2,296	-3.8%	-14.6%	5.9%	652	-13.8%	-28.0%	4.8%
ING	1,703	-25%	-54%	4.3%	919	-16.1%	-32.2%	6.8%
BCP	1,176	-6.9%	-68%	3.0%	88	-5.5%	-64.4%	0.6%
Unicredit	913	-24%	-6.8%	2.3%	397	-22.5%	-11.4%	2.9%
KBC	4	-39%	-98%	0.0%	0.0	9.5%	-97.1%	0.0%
<b>Total</b>	<b>39,241</b>	<b>-4.9%</b>	<b>-20.7%</b>	<b>100%</b>	<b>13,592</b>	<b>-8.3%</b>	<b>-17.1%</b>	<b>100%</b>

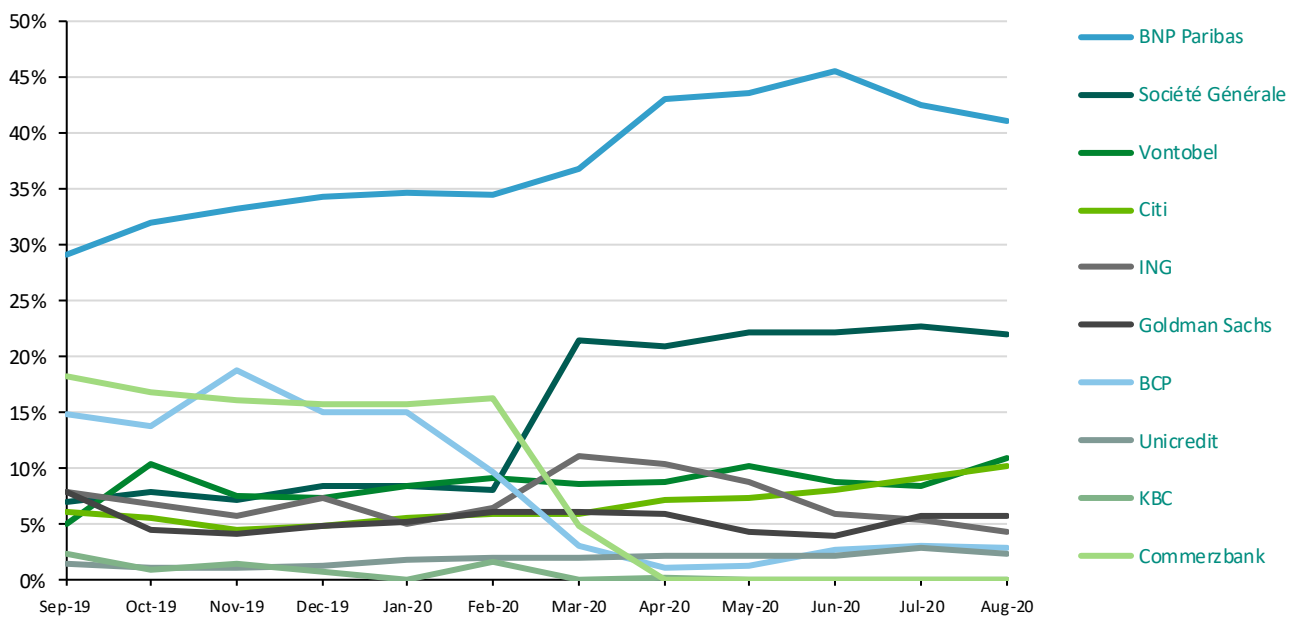
(Source Euronext)



# ISSUERS

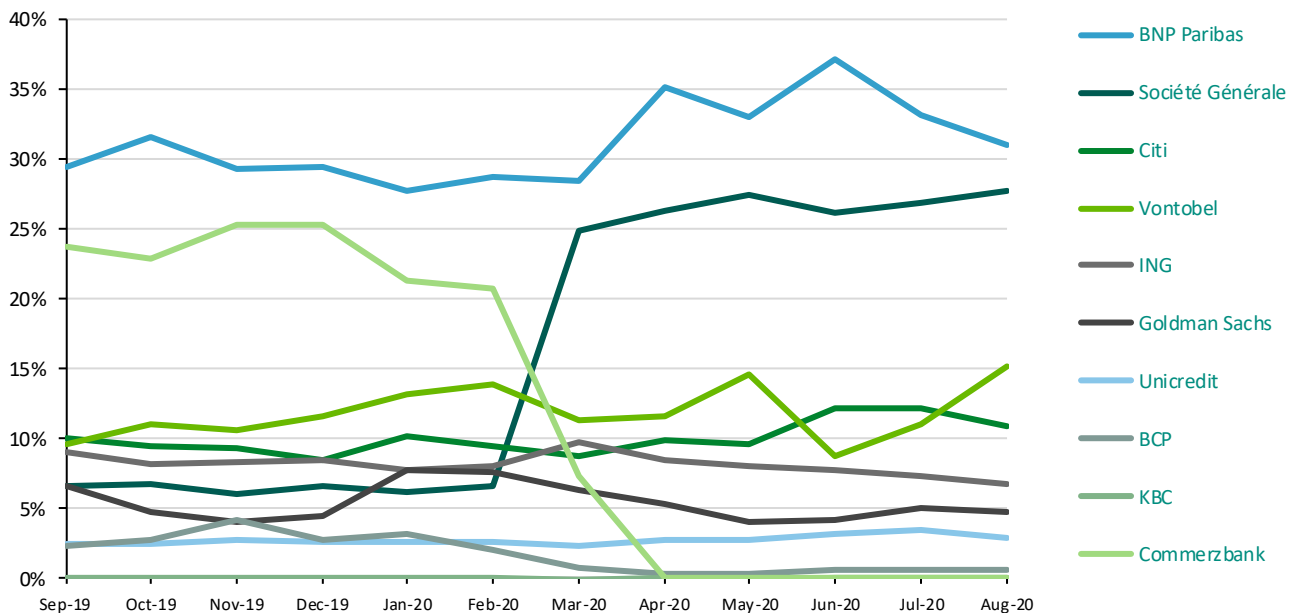
## Market Trend: Value traded

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



## Market Trend: Number of trades

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# ISSUERS

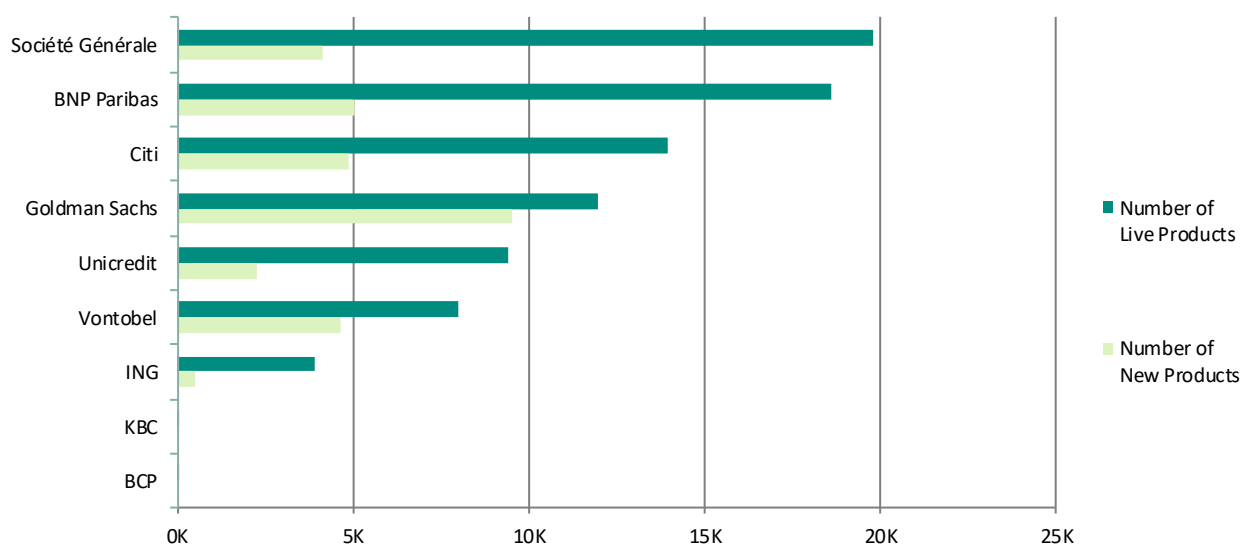
## Product Overview

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	19,799	0.2%	39%	23.1%	4,144	-8.6%	-28%	13.4%
BNP Paribas	18,626	6.9%	13.6%	21.7%	5,053	8.8%	-19.3%	16.3%
Citi	13,941	4.8%	10.3%	16.3%	4,844	-14.0%	-3.9%	15.6%
Goldman Sachs	11,989	21%	53%	14.0%	9,542	-16.2%	59%	30.8%
Unicredit	9,430	0.0%	5.8%	11.0%	2,270	11.6%	-15.5%	7.3%
Vontobel	8,015	8.5%	11.0%	9.3%	4,629	-41%	-12.0%	14.9%
ING	3,927	1.3%	5.2%	4.6%	518	12.1%	-37%	1.7%
KBC	22	0.7%	-15.2%	0.0%	1	0.0%	-63%	0.0%
BCP	17	12.7%	-5.7%	0.0%	0	-100%	-100%	0.0%
<b>Total</b>	<b>85,765</b>	<b>5.7%</b>	<b>7.0%</b>	<b>100%</b>	<b>31,001</b>	<b>-15.2%</b>	<b>-7.9%</b>	<b>100%</b>

(Source Euronext)

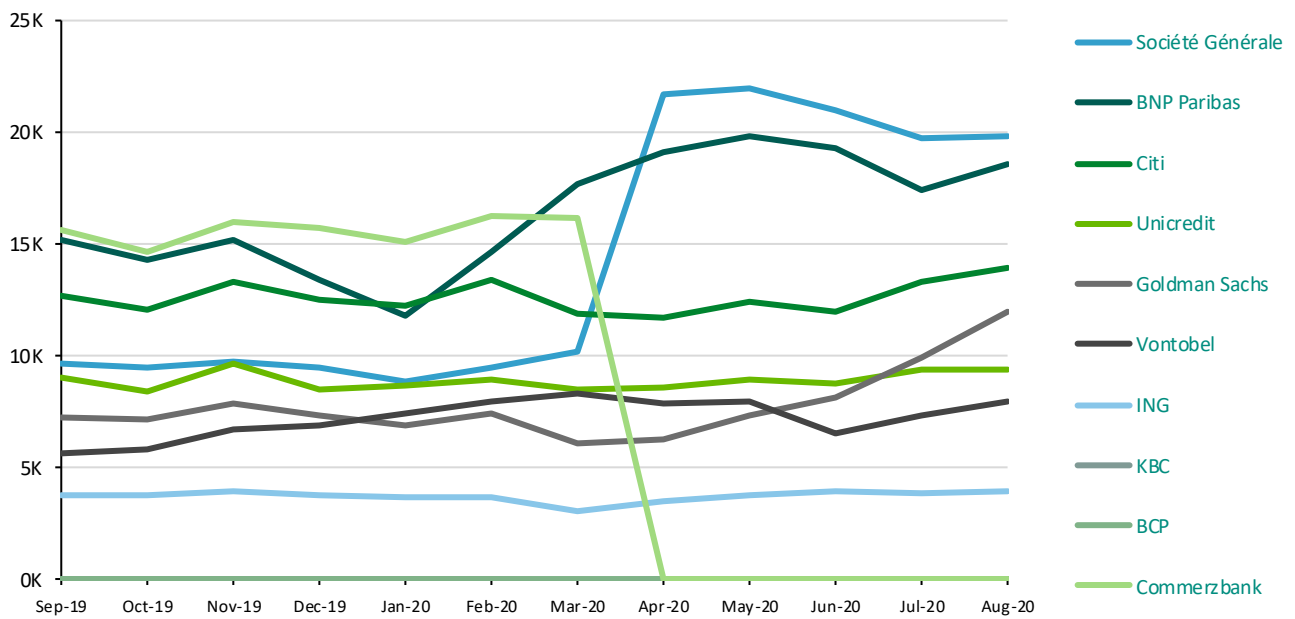




# ISSUERS

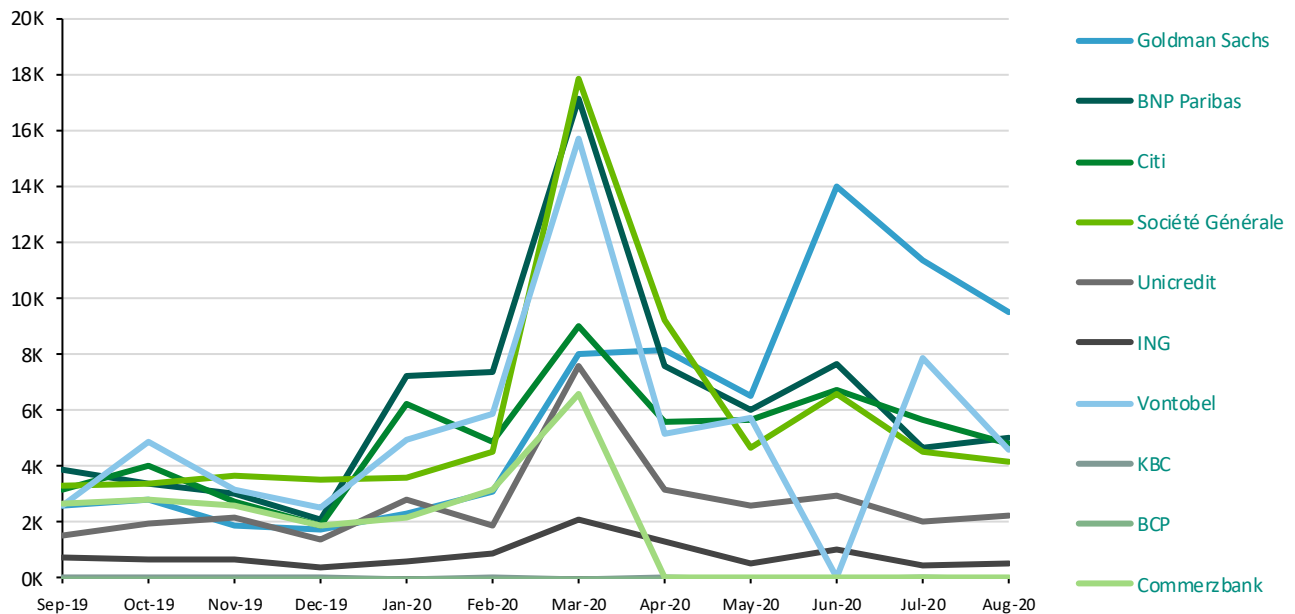
## Product Trend: Number of Live Products

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)

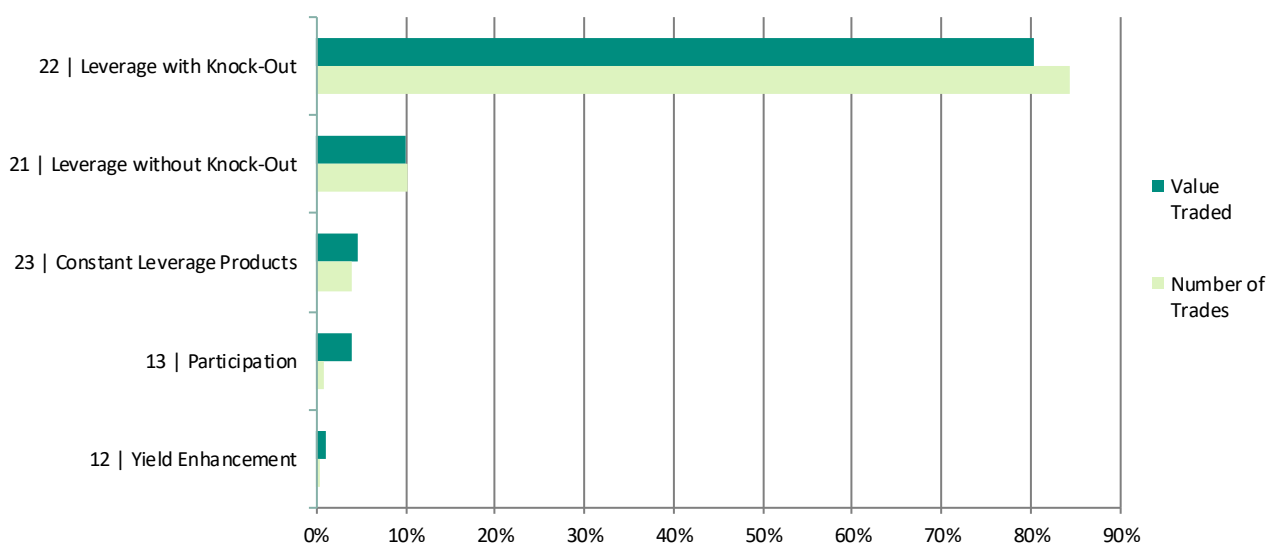
### Market Overview

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	31,507	-0.8%	-10.8%	80.3%	11,476	-7.3%	-14.4%	84.4%
21   Leverage without Knock-Out	3,938	-23%	-39%	10.0%	1,390	-13.3%	-20.3%	10.2%
23   Constant Leverage Products	1,851	-18.1%	-32%	4.7%	544	-16.8%	-34.5%	4.0%
13   Participation	1,567	-9.5%	-63%	4.0%	119	-1.1%	-65.2%	0.9%
12   Yield Enhancement	378	-7.4%	-51%	1.0%	63	-9.1%	-10.7%	0.5%
<b>Total</b>	<b>39,241</b>	<b>-4.9%</b>	<b>-20.7%</b>	<b>100%</b>	<b>13,592</b>	<b>-8.3%</b>	<b>-17.1%</b>	<b>100%</b>

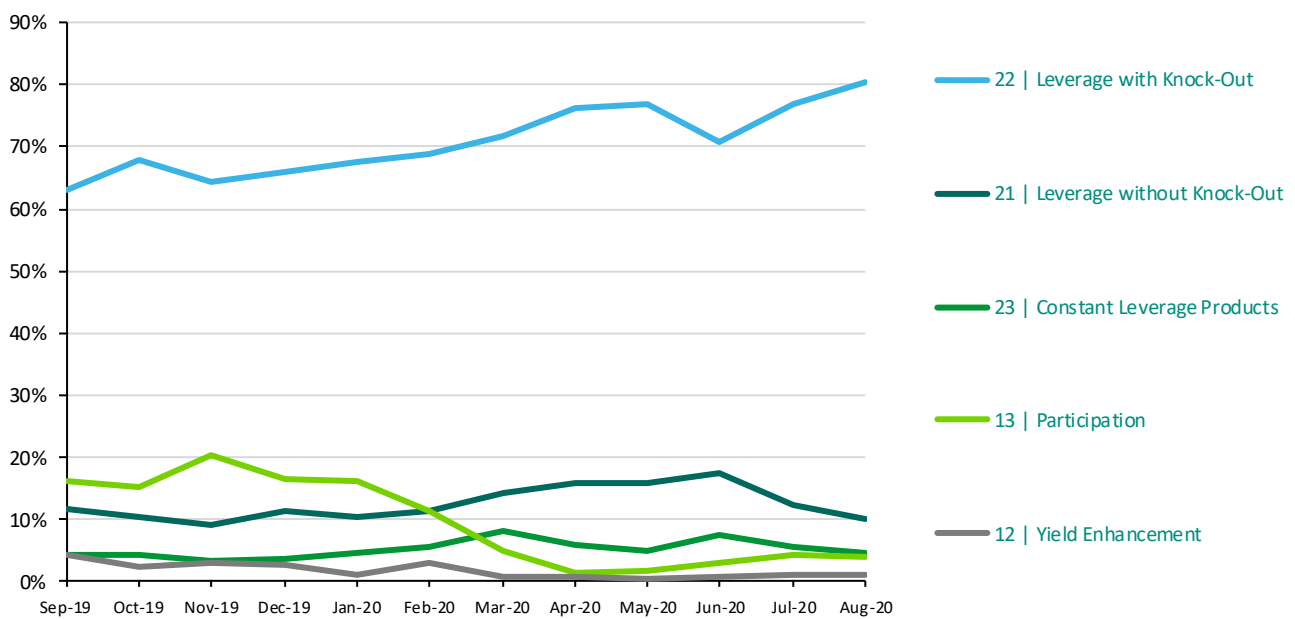
(Source Euronext)



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

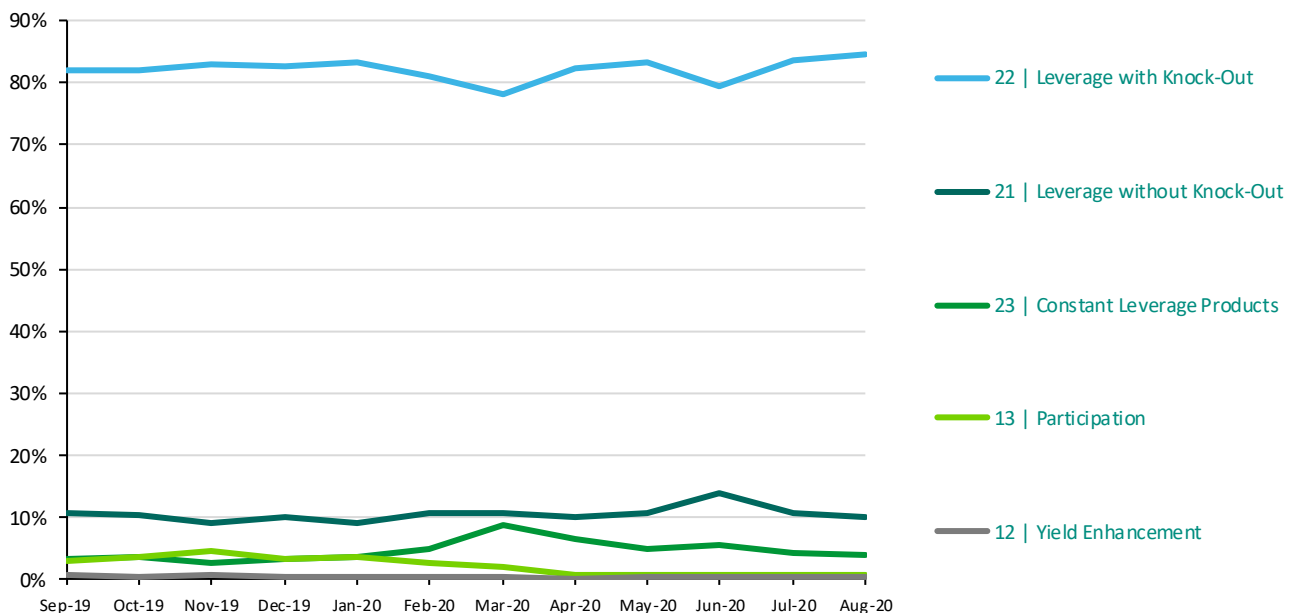
## Market Trend: Value traded

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



## Market Trend: Number of trades

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

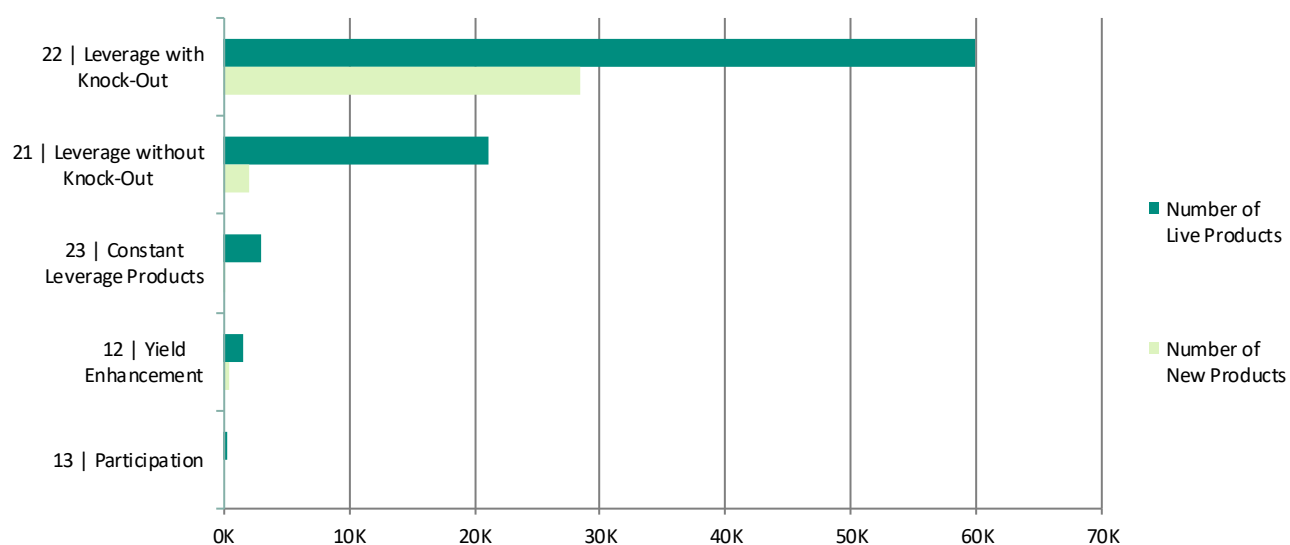
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	59,847	6.3%	13.5%	69.8%	28,448	-10.4%	-1.3%	91.8%
21   Leverage without Knock-Out	21,076	7.1%	-6.9%	24.6%	1,994	-49%	-51%	6.4%
23   Constant Leverage Products	3,010	-7.1%	10.7%	3.5%	186	-74%	-62%	0.6%
12   Yield Enhancement	1,549	-5.0%	-13.5%	1.8%	373	82%	25%	1.2%
13   Participation	282	-2.8%	-0.3%	0.3%	0	-100%	-100%	0.0%
<b>Total</b>	<b>85,765</b>	<b>5.7%</b>	<b>7.0%</b>	<b>100%</b>	<b>31,001</b>	<b>-15.2%</b>	<b>-7.9%</b>	<b>100%</b>

(Source Euronext)

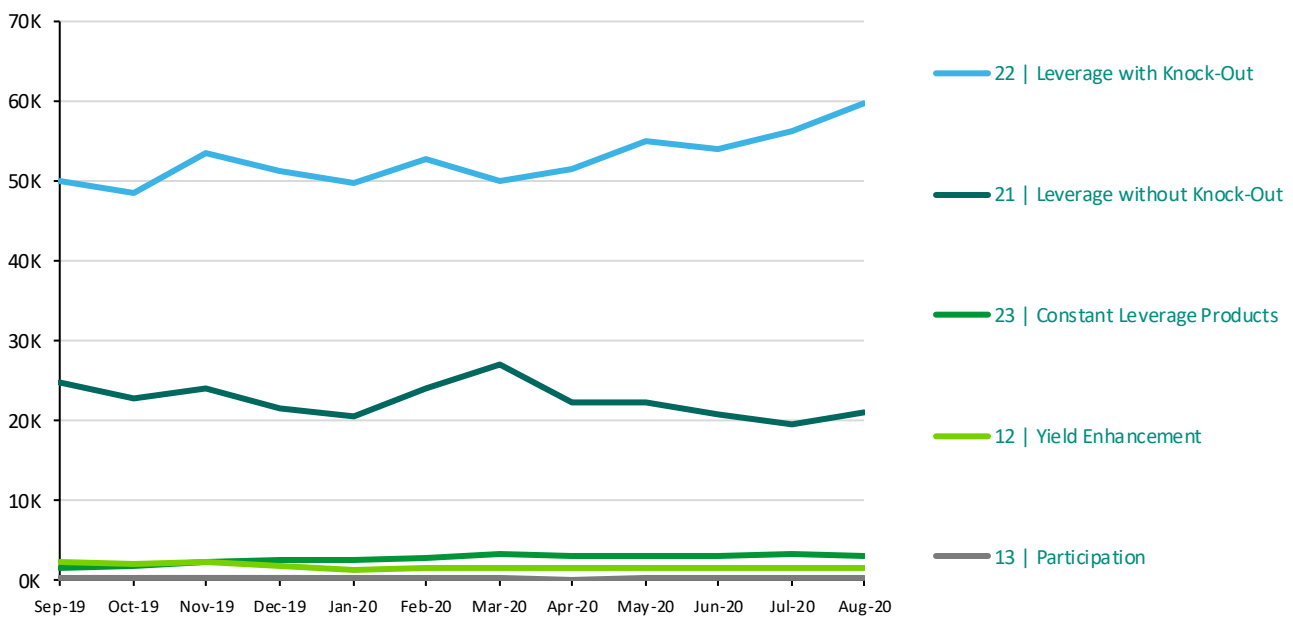




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

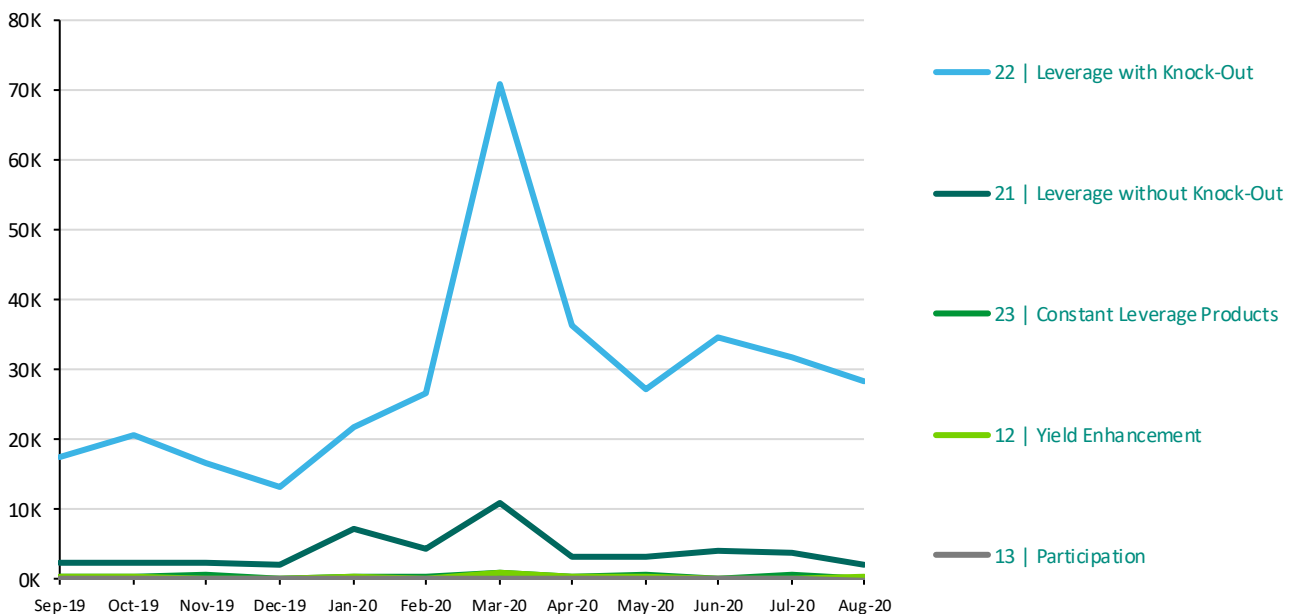
## Product Trend: Number of Live Products

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## Product Trend: Number of New Products

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



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

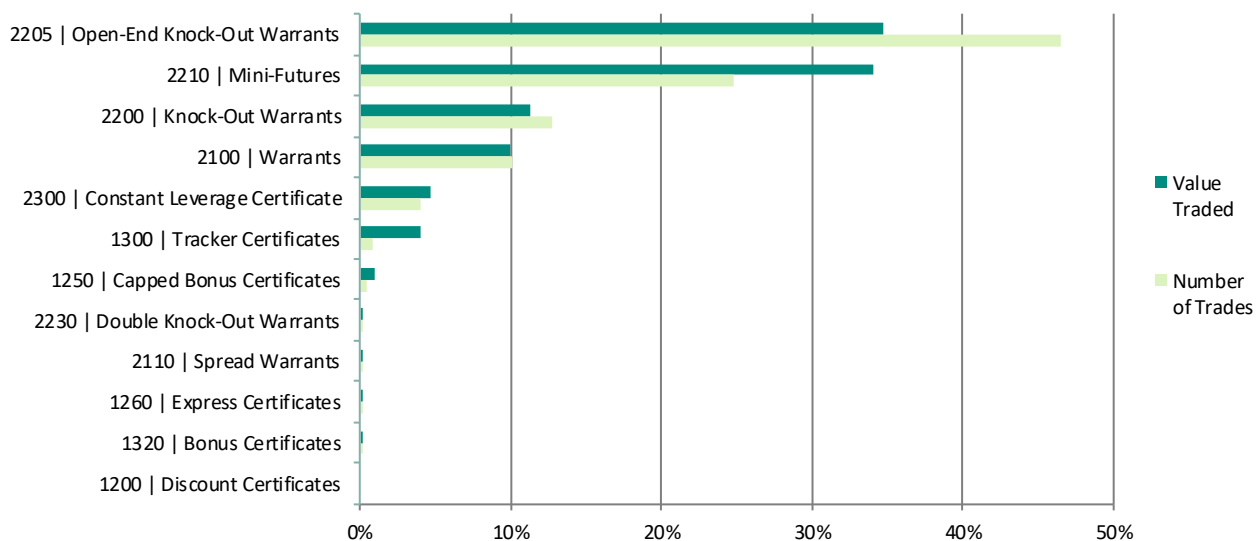
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The chart at the bottom of the page represents the weight of each product type in terms of value traded and number of trades.

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	13,639	-8.6%	-17.7%	34.8%	6,330	-5.0%	-13.4%	46.6%
2210   Mini-Futures	13,361	3.0%	-5.9%	34.0%	3,373	-13.7%	-19.1%	24.8%
2200   Knock-Out Warrants	4,419	17.0%	-1.1%	11.3%	1,744	-1.3%	-8.1%	12.8%
2100   Warrants	3,895	-22%	-39%	9.9%	1,377	-12.9%	-20.0%	10.1%
2300   Constant Leverage Certificate	1,851	-18.1%	-32%	4.7%	544	-16.8%	-35%	4.0%
1300   Tracker Certificates	1,565	-9.3%	-62%	4.0%	119	-0.5%	-65%	0.9%
1250   Capped Bonus Certificates	374	-6.9%	-25%	1.0%	63	-9.2%	-8.4%	0.5%
2230   Double Knock-Out Warrants	88	1.1%	-16.4%	0.2%	29	-15.9%	-23%	0.2%
2110   Spread Warrants	43	-42%	-60%	0.1%	13	-39%	-43%	0.1%
1260   Express Certificates	4	-39%	-98%	0.0%	0.0	9.5%	-97%	0.0%
1320   Bonus Certificates	2	-66%	-87%	0.0%	0.5	-62%	-82%	0.0%
1200   Discount Certificates	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>39,241</b>	<b>-4.9%</b>	<b>-20.7%</b>	<b>100%</b>	<b>13,592</b>	<b>-8.3%</b>	<b>-17.1%</b>	<b>100%</b>

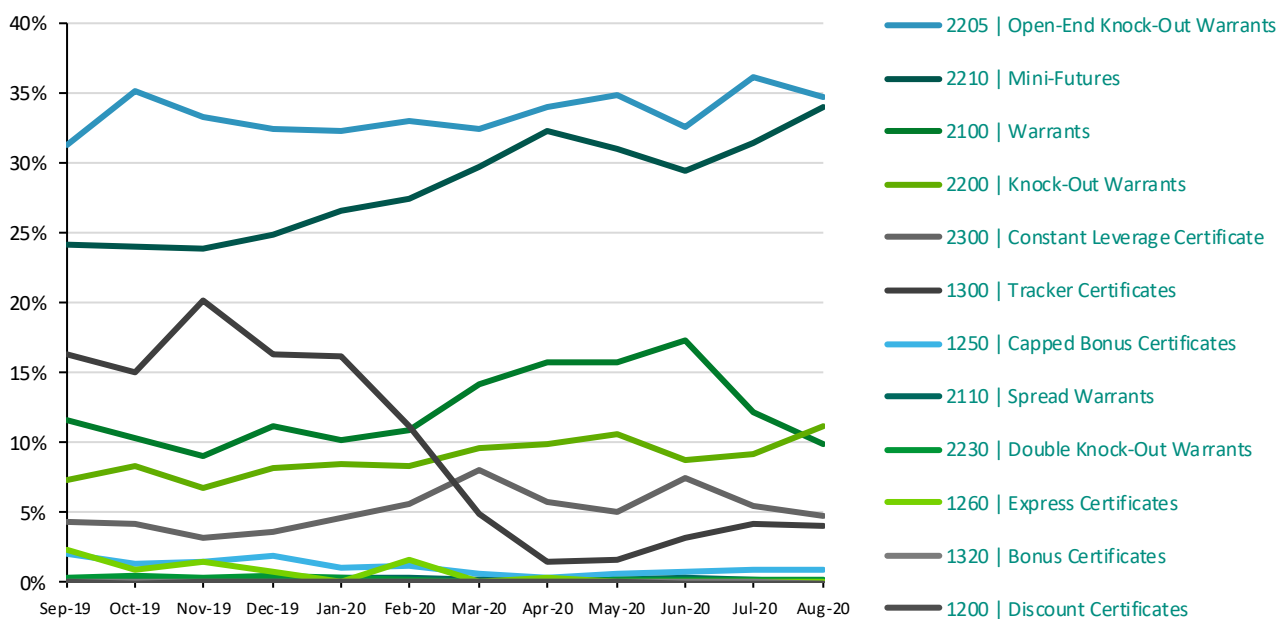
(Source Euronext)



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

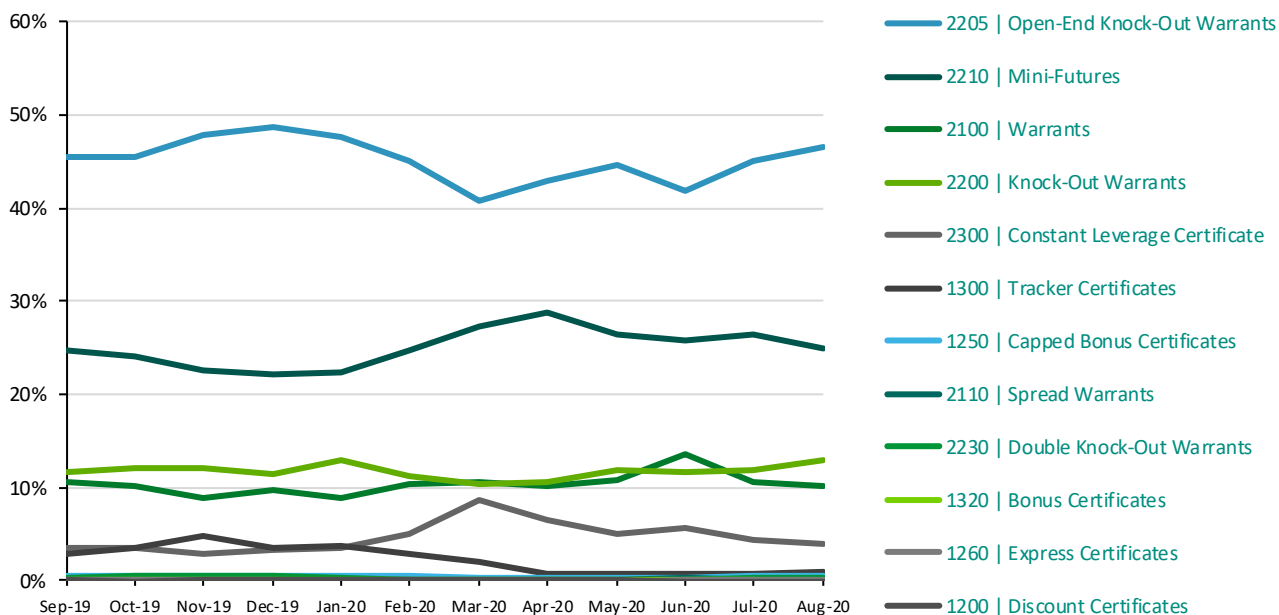
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The historical graph below displays the weight of the value traded for each product type over the total value traded on all instruments traded on Euronext's pan-European MTF.



## Market Trend: Number of trades

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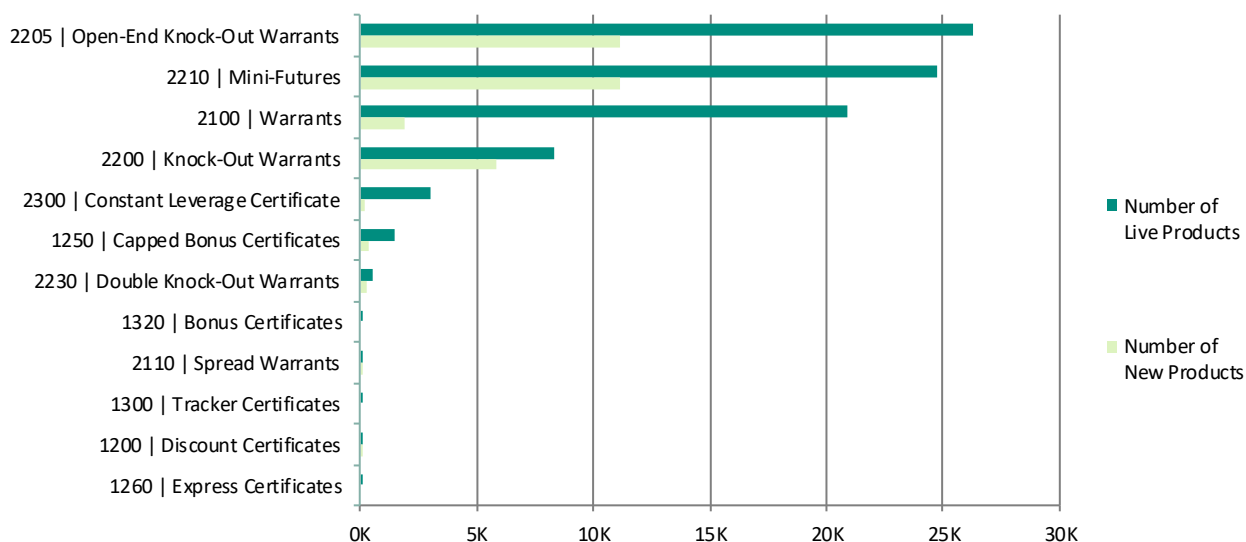
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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	26,266	4.7%	17.5%	30.6%	11,142	-17.0%	-1.9%	35.9%
2210   Mini-Futures	24,730	6.0%	15.4%	28.8%	11,124	-7.7%	9.7%	35.9%
2100   Warrants	20,926	7.2%	-6.9%	24.4%	1,955	-49%	-51%	6.3%
2200   Knock-Out Warrants	8,314	11.9%	0.0%	9.7%	5,858	-6.6%	-16.8%	18.9%
2300   Constant Leverage Certificate	3,010	-7.1%	10.7%	3.5%	186	-74%	-62%	0.6%
1250   Capped Bonus Certificates	1,479	-3.6%	-13.2%	1.7%	337	64%	19.3%	1.1%
2230   Double Knock-Out Warrants	538	18.2%	-15.0%	0.6%	324	NA	23%	1.0%
1320   Bonus Certificates	160	-6.7%	17.9%	0.2%	0	-100%	-100%	0.0%
2110   Spread Warrants	151	-0.5%	-1.7%	0.2%	39	56%	-15.4%	0.1%
1300   Tracker Certificates	123	2.9%	-17.0%	0.1%	0	-100%	-100%	0.0%
1200   Discount Certificates	50	-35%	-32%	0.1%	36		157%	0.1%
1260   Express Certificates	20	1.0%	50%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>85,765</b>	<b>5.7%</b>	<b>7.0%</b>	<b>100%</b>	<b>31,001</b>	<b>-15.2%</b>	<b>-7.9%</b>	<b>100%</b>

(Source Euronext)

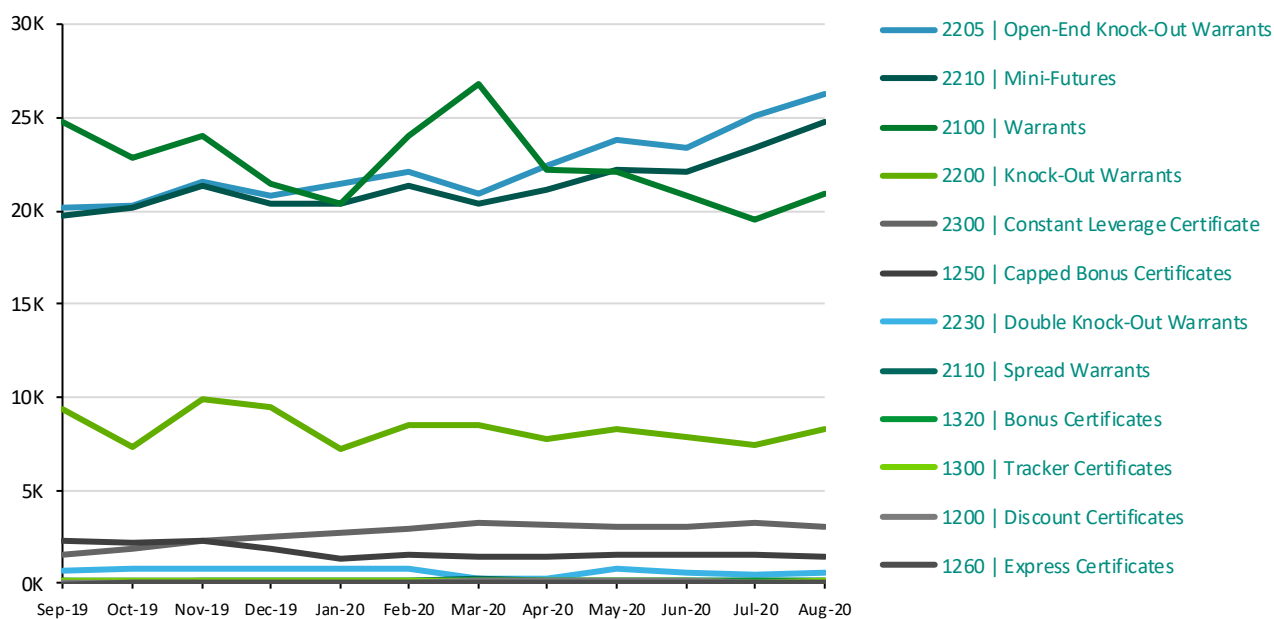




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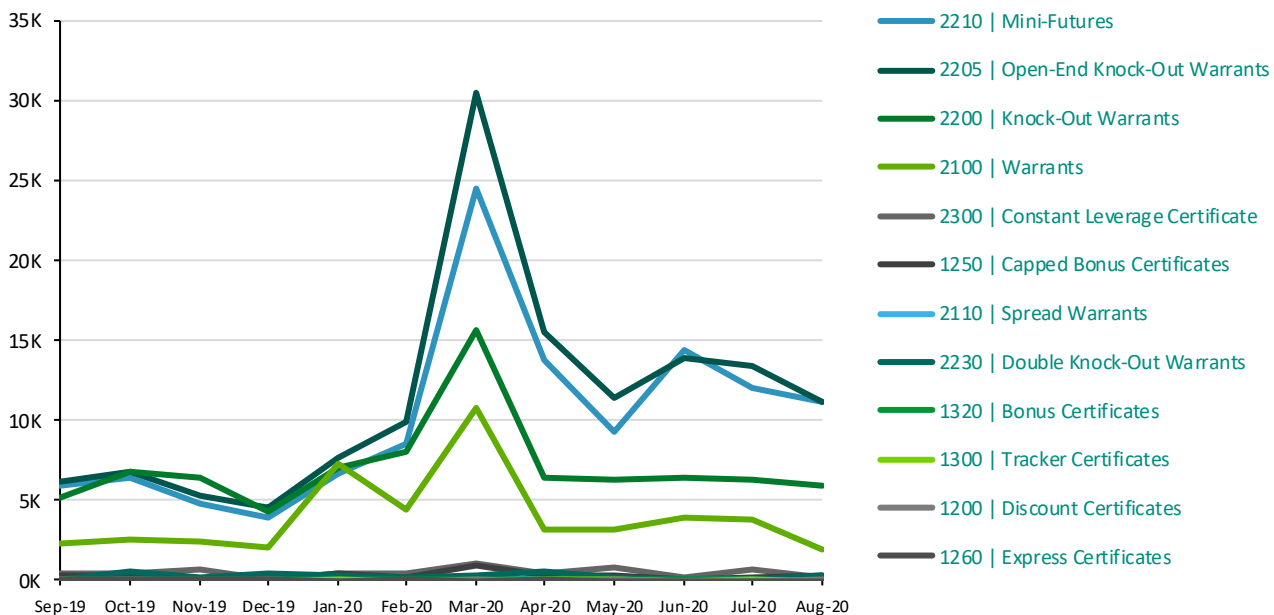
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## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

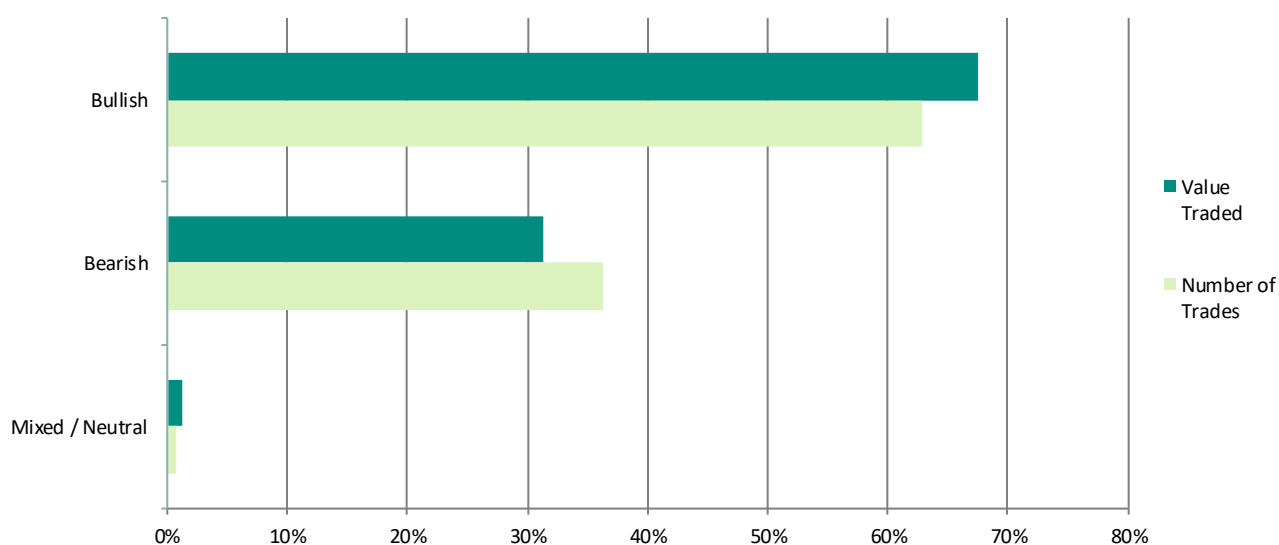
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	26,505	-0.2%	-18.6%	67.5%	8,550	-4.2%	-12.8%	62.9%
Bearish	12,252	-13.6%	-24%	31.2%	4,943	-14.5%	-23%	36.4%
Mixed / Neutral	484	-8.8%	-33%	1.2%	99	-16.4%	-24%	0.7%
Total	39,241	-4.9%	-20.7%	100%	13,592	-8.3%	-17.1%	100%

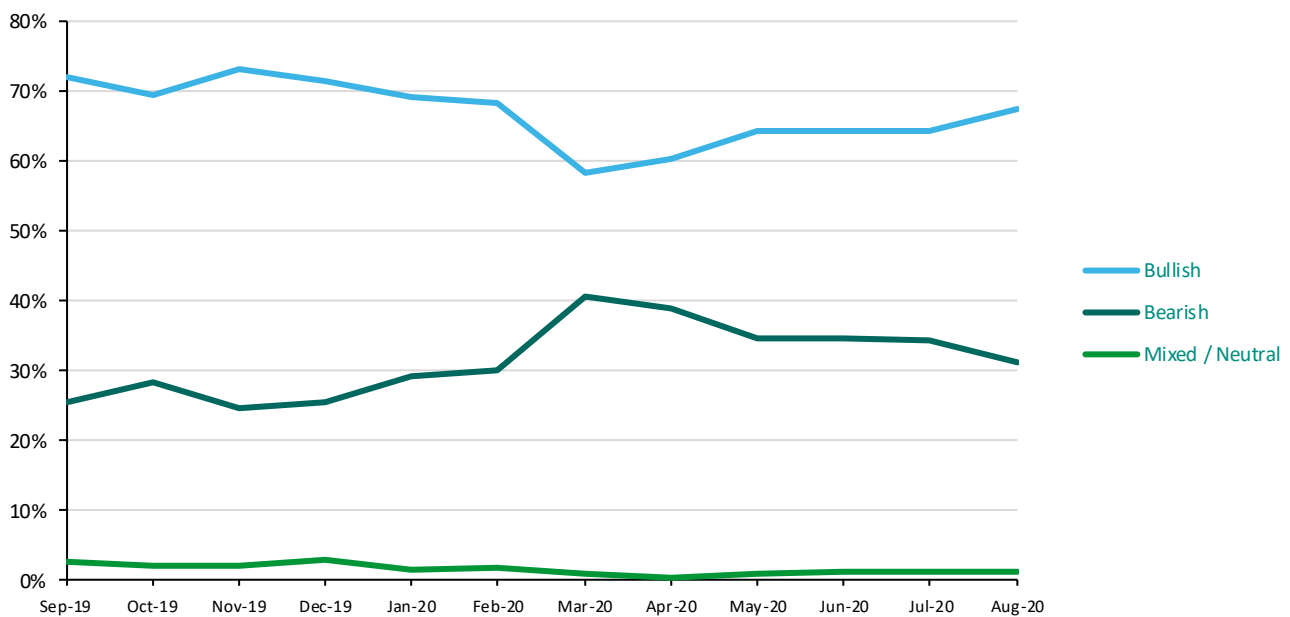
(Source Euronext)



# PRODUCT STRATEGIES

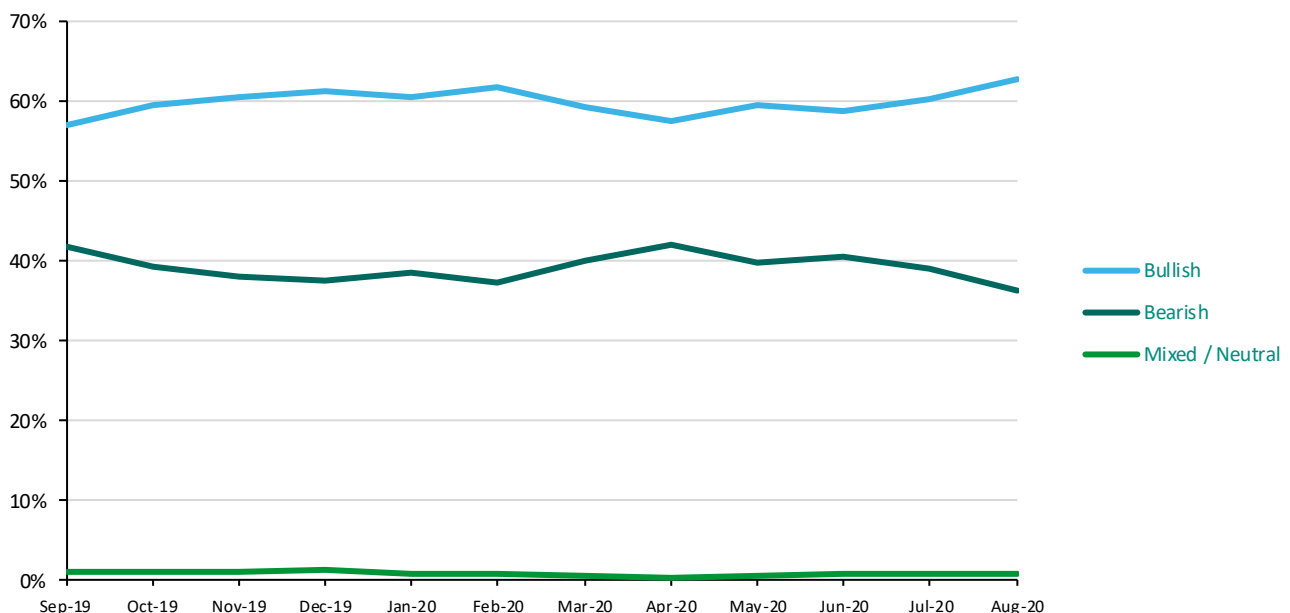
## Market Trend: Value traded

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

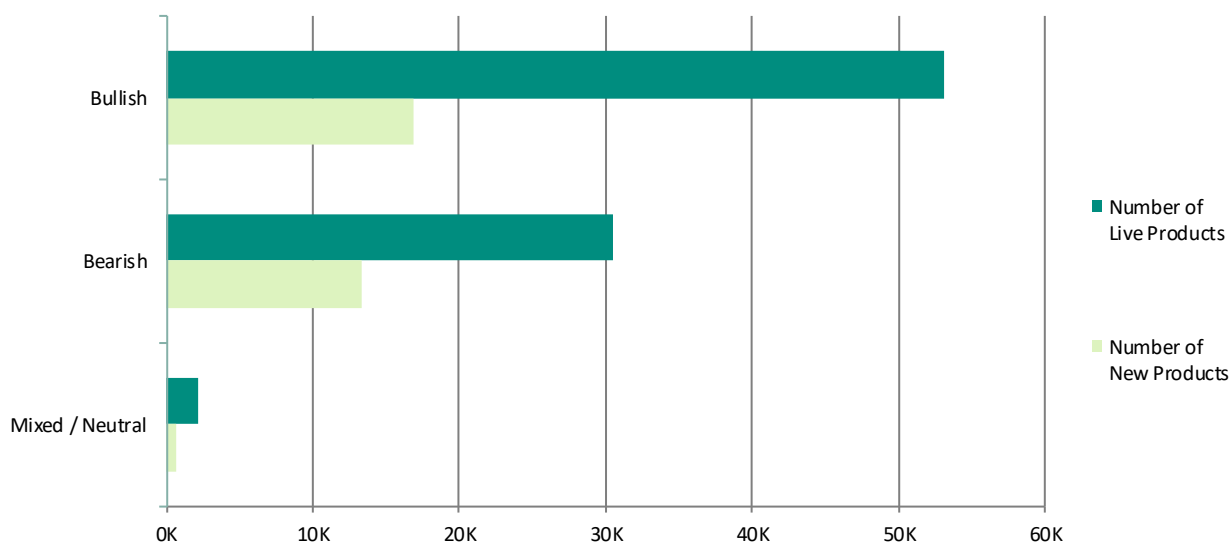
## Product Overview

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	53,133	4.6%	11.9%	62.0%	16,934	-8.7%	-8.5%	54.6%
Bearish	30,444	8.1%	1.3%	35.5%	13,370	-25%	-8.2%	43.1%
Mixed / Neutral	2,189	-0.6%	-16.7%	2.6%	697	208%	17.2%	2.2%
<b>Total</b>	<b>85,765</b>	<b>5.7%</b>	<b>7.0%</b>	<b>100%</b>	<b>31,001</b>	<b>-15.2%</b>	<b>-7.9%</b>	<b>100%</b>

(Source Euronext)

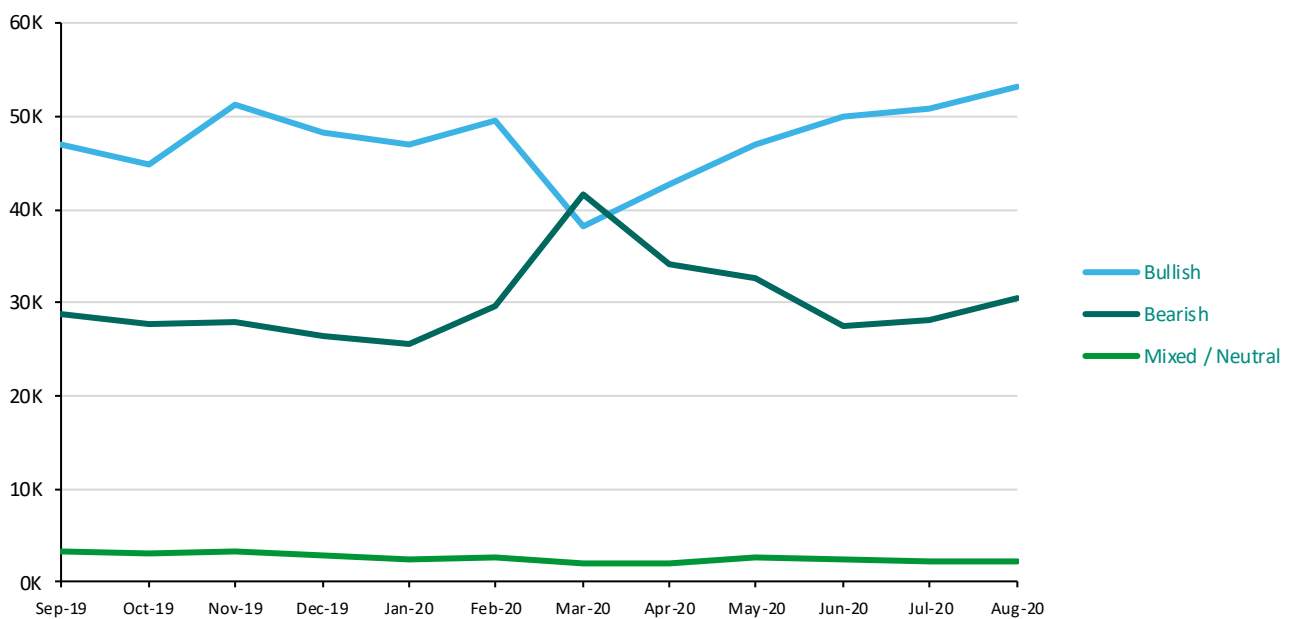




# PRODUCT STRATEGIES

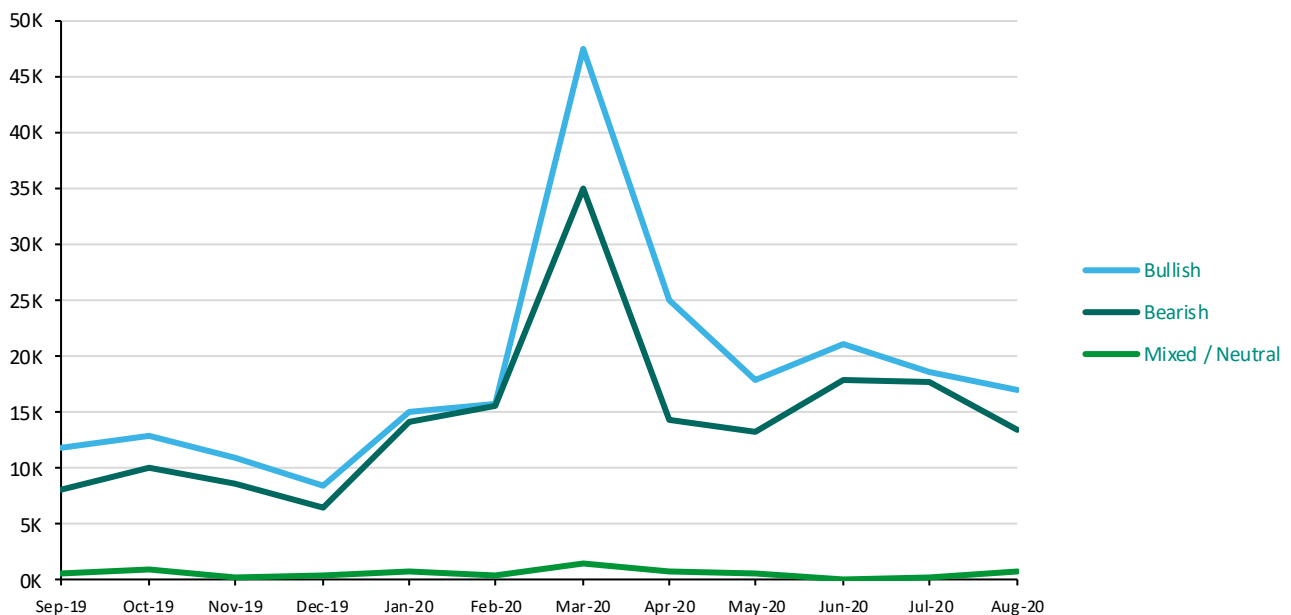
## Product Trend: Number of Live Products

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

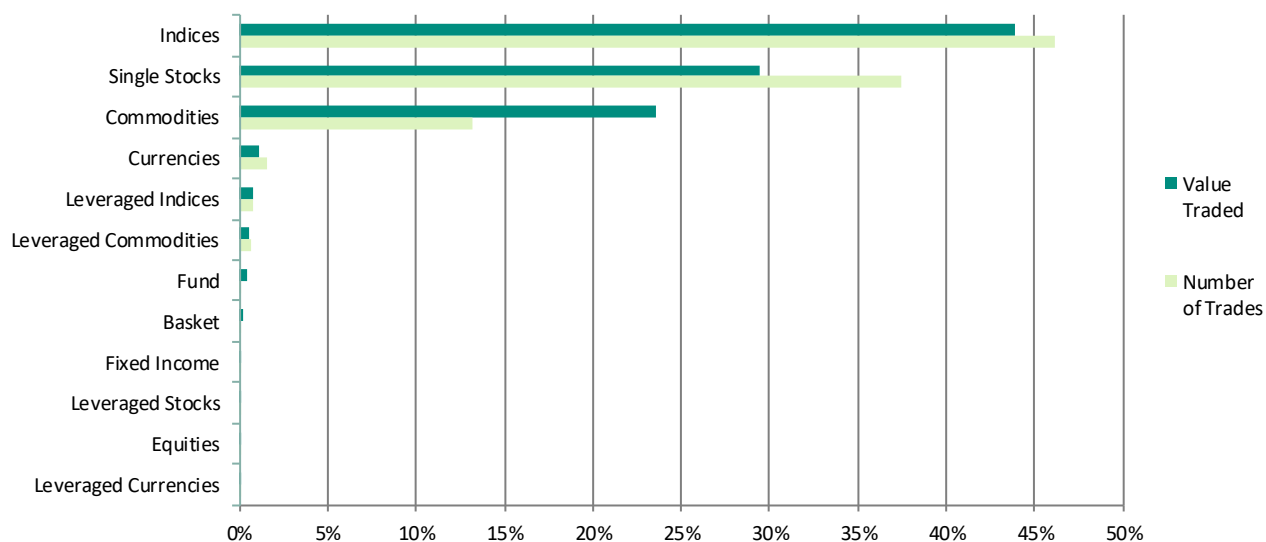
## Market Overview

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	17,242	-18.2%	-34%	43.9%	6,268	-16.0%	-23.9%	46.1%
Single Stocks	11,573	-7.3%	-15.9%	29.5%	5,085	-8.4%	-14.3%	37.4%
Commodities	9,242	70%	81%	23.6%	1,798	38.6%	28.6%	13.2%
Currencies	421	-13.3%	-10.9%	1.1%	214	6.9%	3.0%	1.6%
Leveraged Indices	295	-39%	-77%	0.8%	109	-26.1%	-68.4%	0.8%
Leveraged Commodities	205	-10.9%	23%	0.5%	87	17.3%	13.5%	0.6%
Fund	176	-82%	-93%	0.4%	10	-86.3%	-94.0%	0.1%
Basket	56	-31%	-22%	0.1%	3.6	24.5%	29.9%	0.0%
Fixed Income	18	-26%	-63%	0.0%	7.3	14.7%	-53.0%	0.1%
Leveraged Stocks	7	-67%	-61%	0.0%	6.7	-33.4%	-48.5%	0.0%
Equities	5	486%	-90%	0.0%	2.2	109.9%	180.7%	0.0%
Leveraged Currencies	0	NA	-57%	0.0%	0.3	283.3%	70.0%	0.0%
<b>Total</b>	<b>39,241</b>	<b>-4.9%</b>	<b>-20.7%</b>	<b>100%</b>	<b>13,592</b>	<b>-8.3%</b>	<b>-17.1%</b>	<b>100%</b>

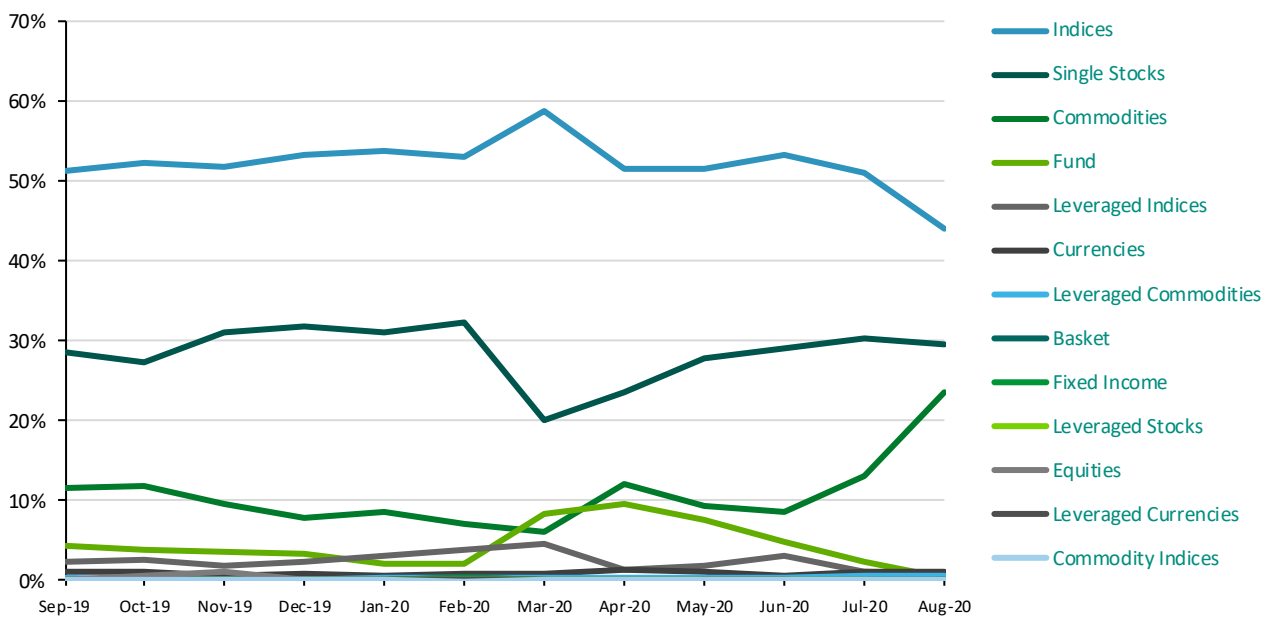
(Source Euronext)



# UNDERLYING TYPES

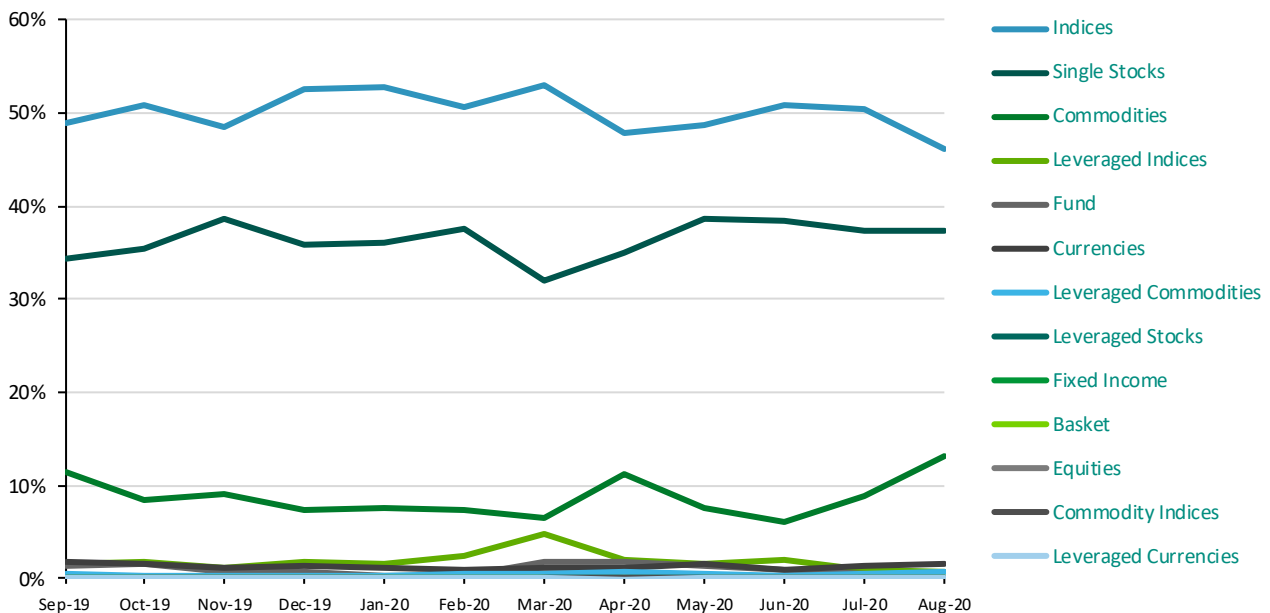
## Market Trend: Value traded

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

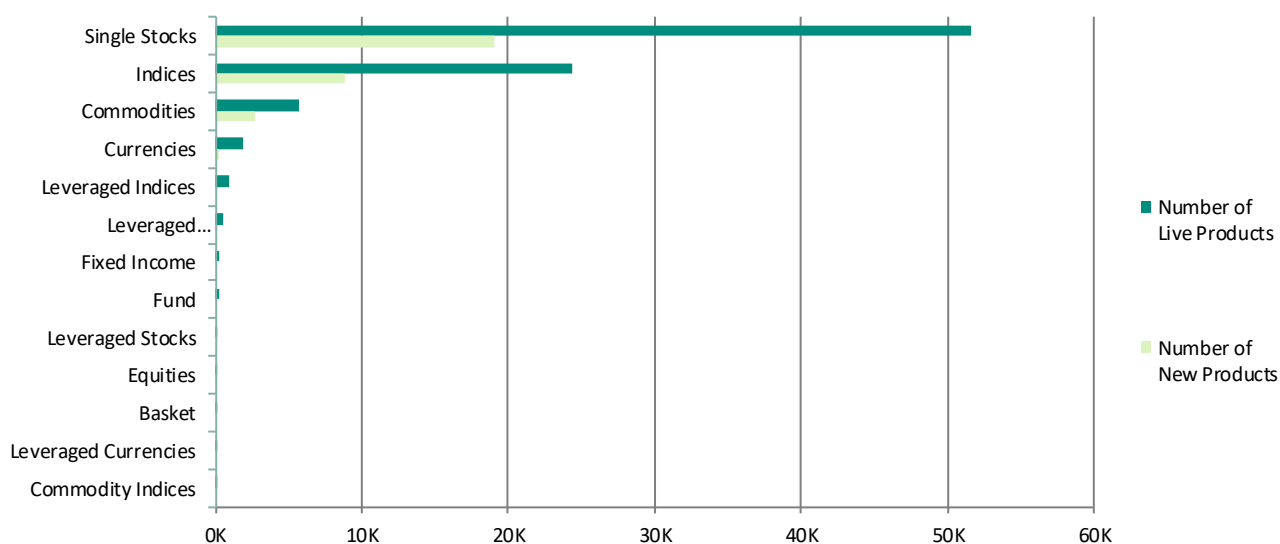
## Product Overview

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	51,626	7.0%	4.2%	60.2%	19,034	-16.1%	-0.6%	61.4%
Indices	24,355	3.0%	9.6%	28.4%	8,802	-17.7%	-25%	28.4%
Commodities	5,650	13.4%	29%	6.6%	2,645	13.4%	37%	8.5%
Currencies	1,880	5.9%	1.3%	2.2%	284	-35%	-25%	0.9%
Leveraged Indices	949	-13.8%	17.4%	1.1%	25	-79%	-83%	0.1%
Leveraged Commodities	568	-8.4%	-1.0%	0.7%	65	-75%	-61%	0.2%
Fixed Income	273	0.6%	-11.3%	0.3%	13	-38%	-42%	0.0%
Fund	217	1.0%	12.5%	0.3%	4	33%	-23%	0.0%
Leveraged Stocks	159	-30%	-39%	0.2%	17	-23%	-56%	0.1%
Equities	51	474%	326%	0.1%	112		NA	0.4%
Basket	20	1.5%	-0.1%	0.0%	0		-100%	0.0%
Leveraged Currencies	17	303%	124%	0.0%	0	-100%	-100%	0.0%
Commodity Indices	1	0.0%	0.0%	0.0%	0			0.0%
<b>Total</b>	<b>85,765</b>	<b>5.7%</b>	<b>7.0%</b>	<b>100%</b>	<b>31,001</b>	<b>-15.2%</b>	<b>-7.9%</b>	<b>100%</b>

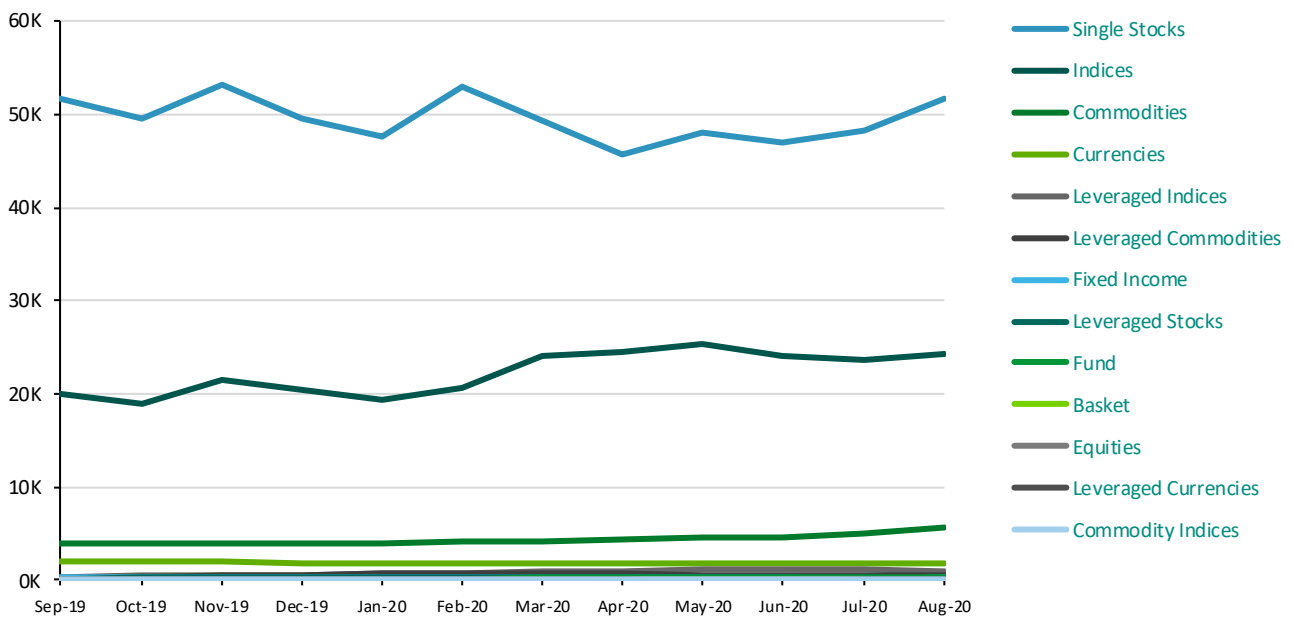
(Source Euronext)



# UNDERLYING TYPES

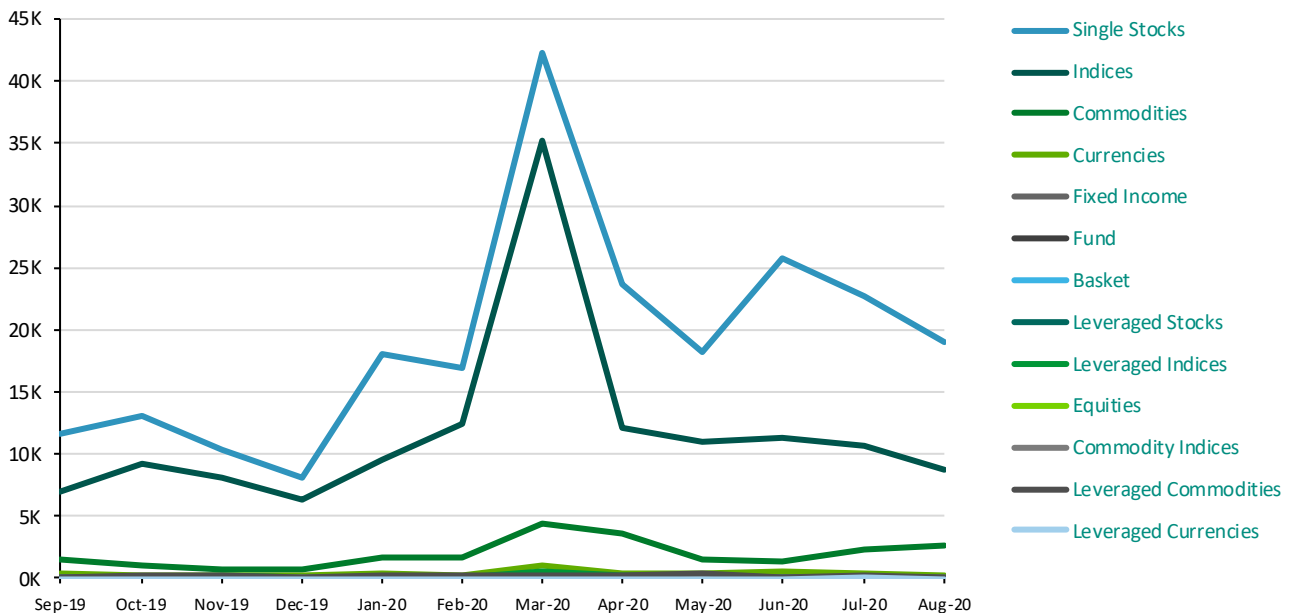
## Product Trend: Number of Live Products

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

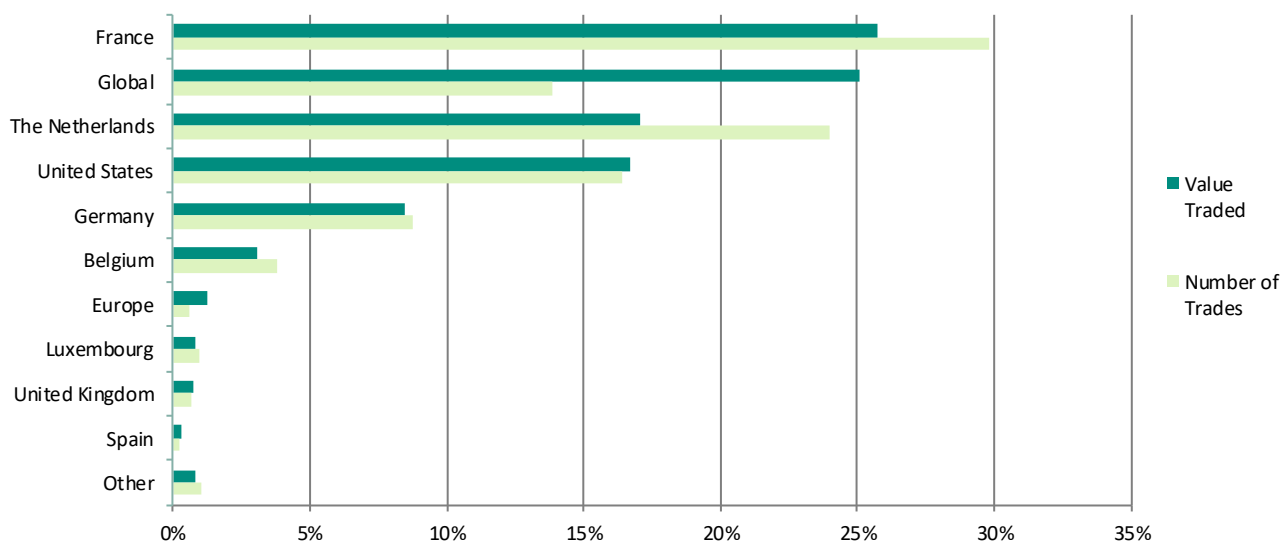
## Market Overview

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	10,086	-9.5%	-18.2%	25.7%	4,048	-11.0%	-16.8%	29.8%
Global	9,838	62%	48%	25.1%	1,881	39%	25%	13.8%
The Netherlands	6,681	-22%	-38%	17.0%	3,260	-18.3%	-31%	24.0%
United States	6,559	-14.1%	-20%	16.7%	2,233	-11.4%	-4.4%	16.4%
Germany	3,329	-16.6%	-26%	8.5%	1,187	-9.2%	-22%	8.7%
Belgium	1,217	-3.3%	-35%	3.1%	518	-1.3%	-13.0%	3.8%
Europe	478	-68%	-87%	1.2%	80	-55%	-75%	0.6%
Luxembourg	308	6.0%	-46%	0.8%	127	-10.6%	-45%	0.9%
United Kingdom	297	-25%	-10.1%	0.8%	87	-14.6%	-15.8%	0.6%
Spain	123	41%	35%	0.3%	29	-5.0%	20%	0.2%
Other	324	-7.9%	-39%	0.8%	141	9.2%	-11.7%	1.0%
<b>Total</b>	<b>39,241</b>	<b>-4.9%</b>	<b>-20.7%</b>	<b>100%</b>	<b>13,592</b>	<b>-8.3%</b>	<b>-17.1%</b>	<b>100%</b>

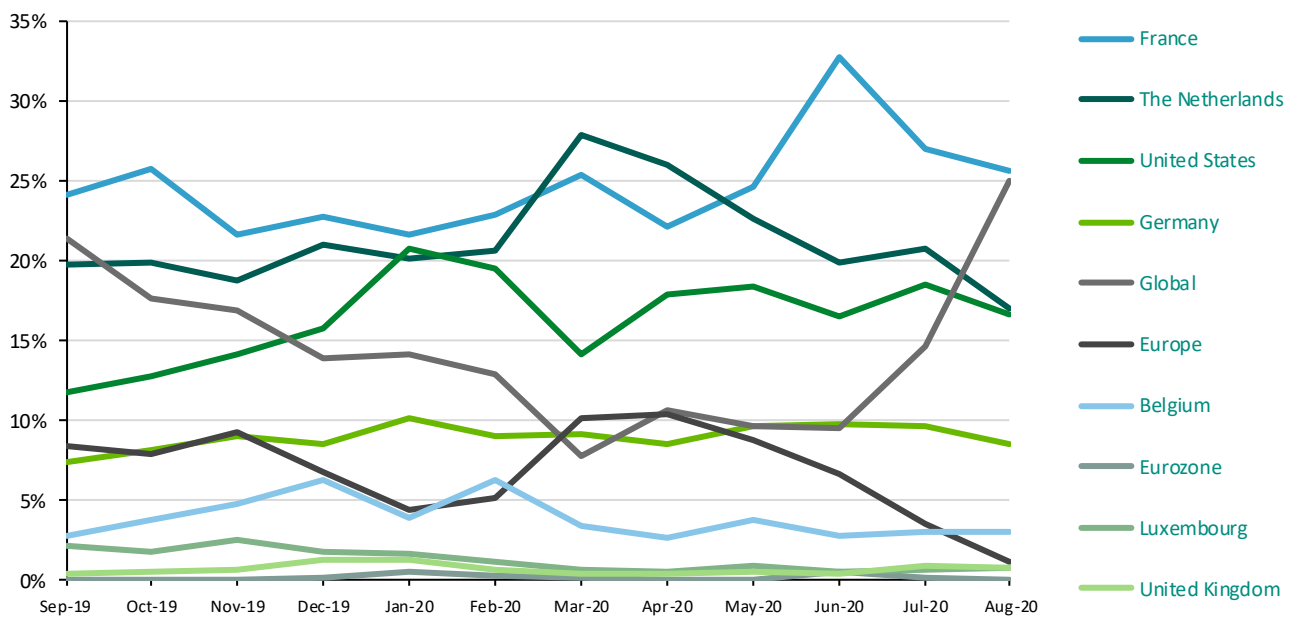
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

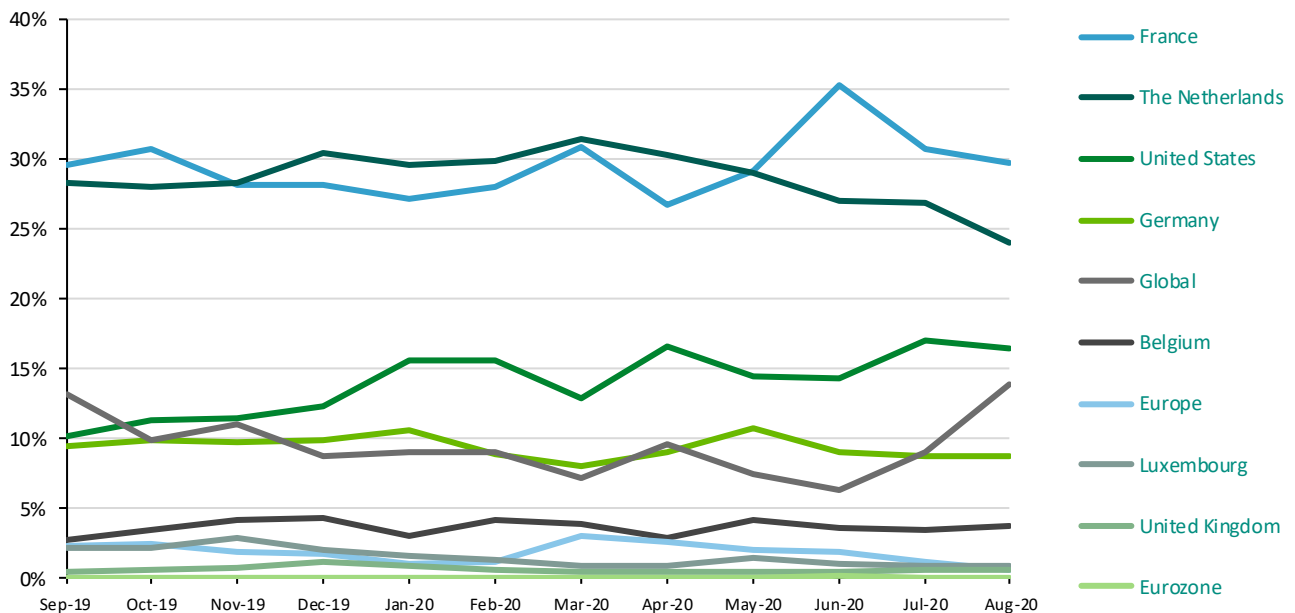
## Market Trend: Value traded

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

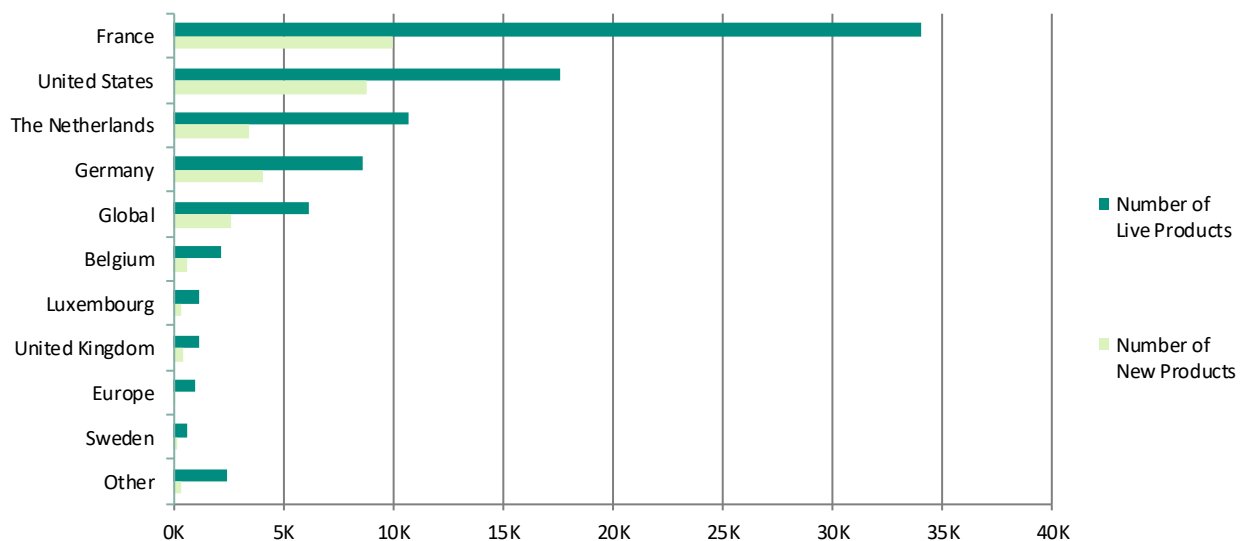
## Product Overview

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	34,079	3.1%	0.6%	39.7%	9,995	-8.5%	-23%	32.2%
United States	17,643	12.4%	12.8%	20.6%	8,803	-12.9%	20.0%	28.4%
The Netherlands	10,711	2.6%	12.2%	12.5%	3,440	-17.7%	-21%	11.1%
Germany	8,592	8.6%	17.1%	10.0%	4,111	-34%	-4.9%	13.3%
Global	6,161	10.7%	15.2%	7.2%	2,576	0.9%	32%	8.3%
Belgium	2,193	-1.1%	1.0%	2.6%	627	-4.3%	-14.2%	2.0%
Luxembourg	1,194	4.1%	-1.1%	1.4%	383	-2.5%	-34%	1.2%
United Kingdom	1,147	7.2%	3.9%	1.3%	408	-15.5%	23%	1.3%
Europe	986	-6.5%	-1.9%	1.1%	113	-42%	-60%	0.4%
Sweden	649	9.1%	32%	0.8%	183	-49%	-11.9%	0.6%
Other	2,411	0.7%	-0.4%	2.8%	362	-31%	-34%	1.2%
<b>Total</b>	<b>85,765</b>	<b>5.7%</b>	<b>7.0%</b>	<b>100%</b>	<b>31,001</b>	<b>-15.2%</b>	<b>-7.9%</b>	<b>100%</b>

(Source Euronext)

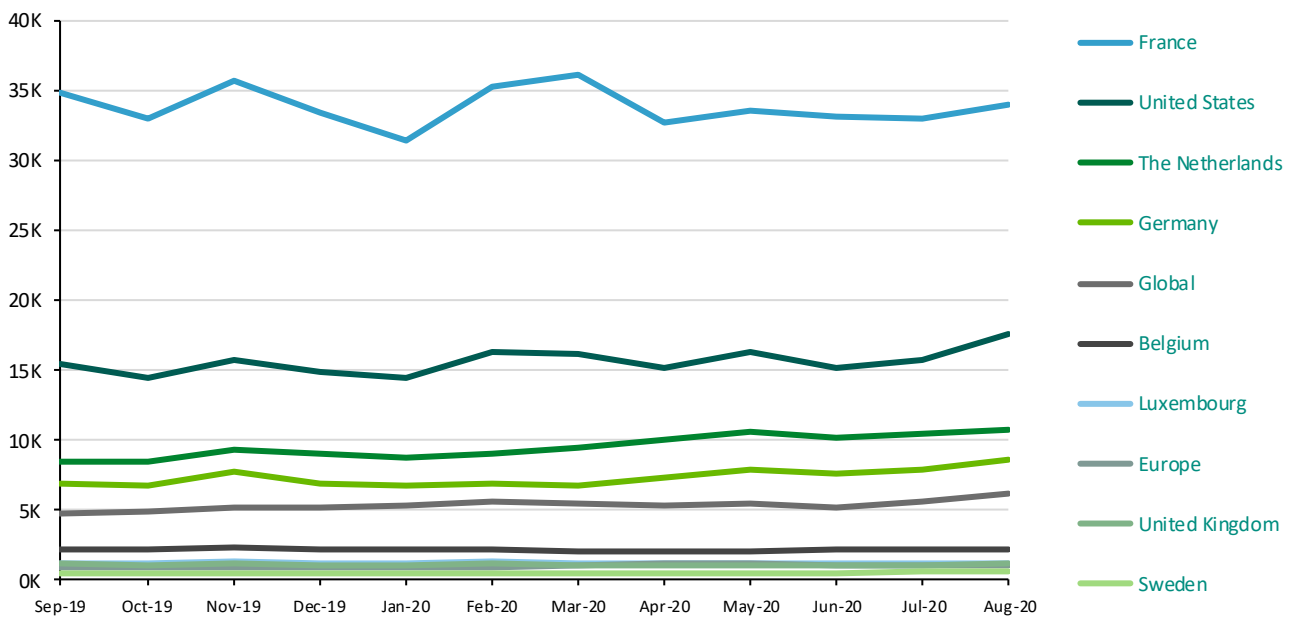




# TOP 10 UNDERLYING COUNTRIES

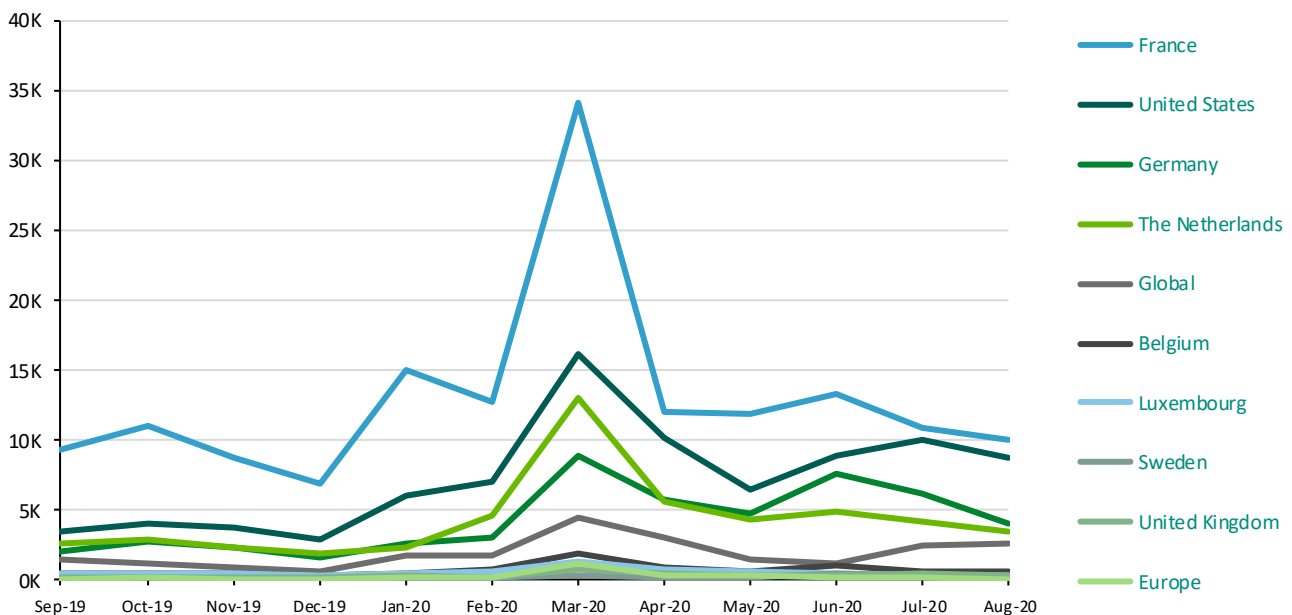
## Product Trend: Number of Live Products

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

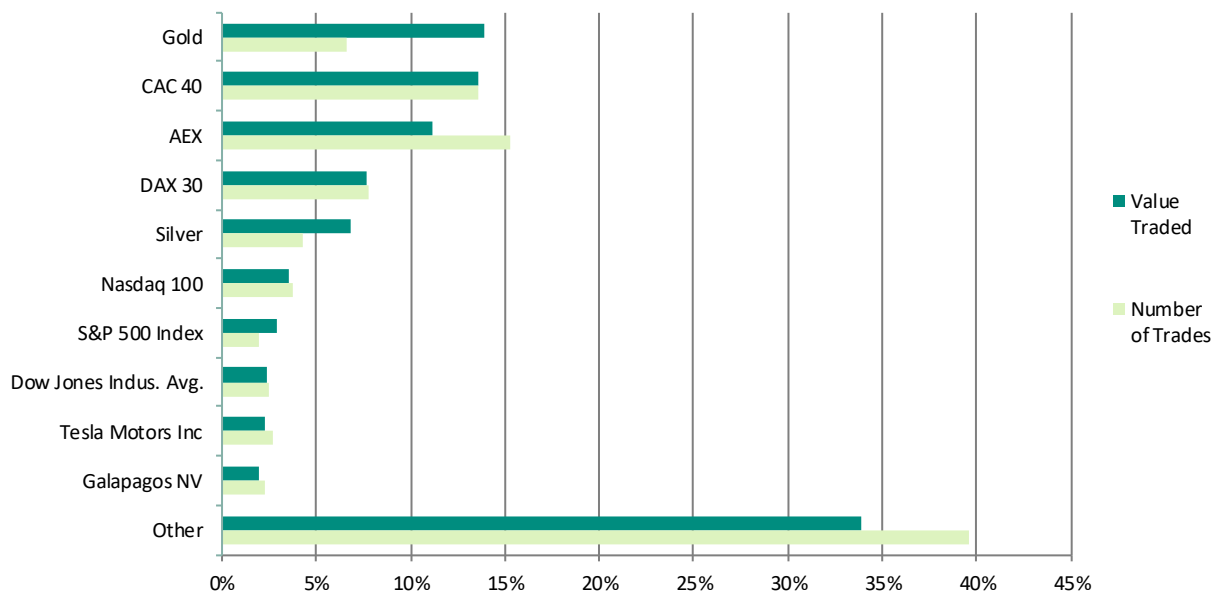
## Market Overview

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
Gold	5,469	104%	123%	13.9%	891	73.0%	83.4%	6.6%
CAC 40	5,340	-5.6%	-12.8%	13.6%	1,850	-12.2%	-15.2%	13.6%
AEX	4,357	-26%	-41%	11.1%	2,079	-18.4%	-31%	15.3%
DAX 30	2,997	-19.7%	-26%	7.6%	1,052	-10.3%	-22%	7.7%
Silver	2,688	94%	280%	6.8%	578	61%	166%	4.3%
Nasdaq 100	1,379	-11.5%	-6.7%	3.5%	504	-17.1%	8.3%	3.7%
S&P 500 Index	1,143	-18.3%	-48%	2.9%	259	-21%	-39%	1.9%
Dow Jones Indus. Avg.	937	-40%	-48%	2.4%	333	-26%	-26%	2.5%
Tesla Motors Inc	901	2.1%	55%	2.3%	367	9.1%	59%	2.7%
Galapagos NV	747	7.2%	-44%	1.9%	301	5.0%	-14.7%	2.2%
Other	13,284	-16.0%	-38%	33.9%	5,378	-12.0%	-26%	39.6%
<b>Total</b>	<b>39,241</b>	<b>-4.9%</b>	<b>-20.7%</b>	<b>100%</b>	<b>13,592</b>	<b>-8.3%</b>	<b>-17.1%</b>	<b>100%</b>

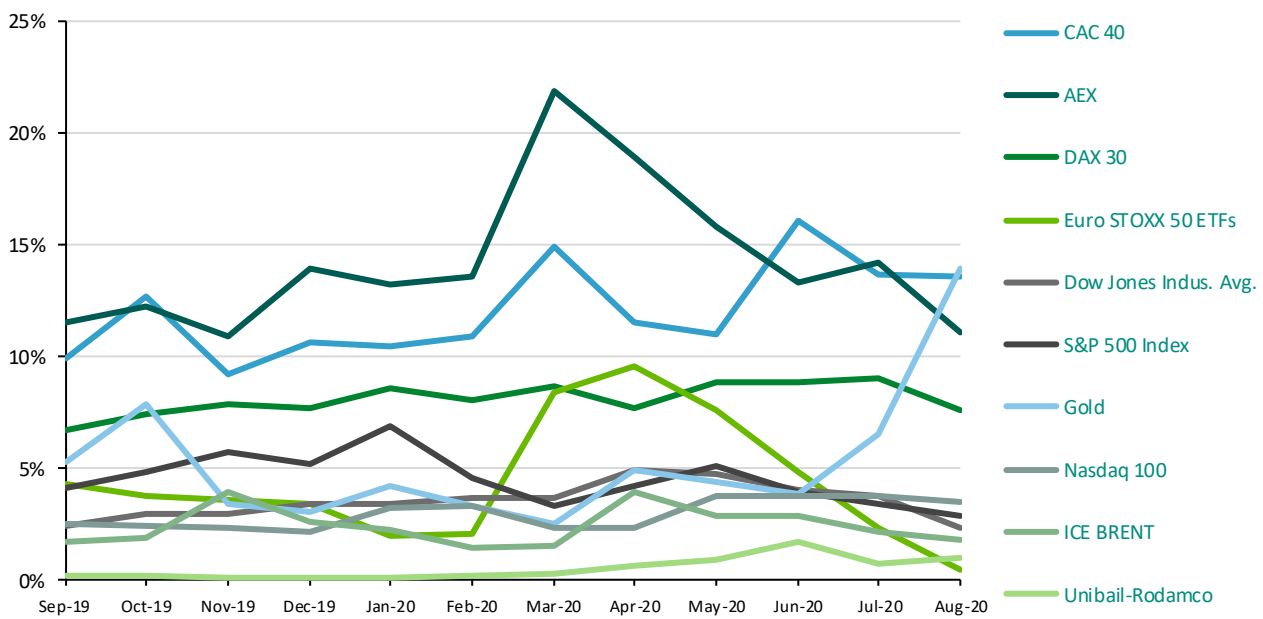
(Source Euronext)



# TOP 10 UNDERLYINGS

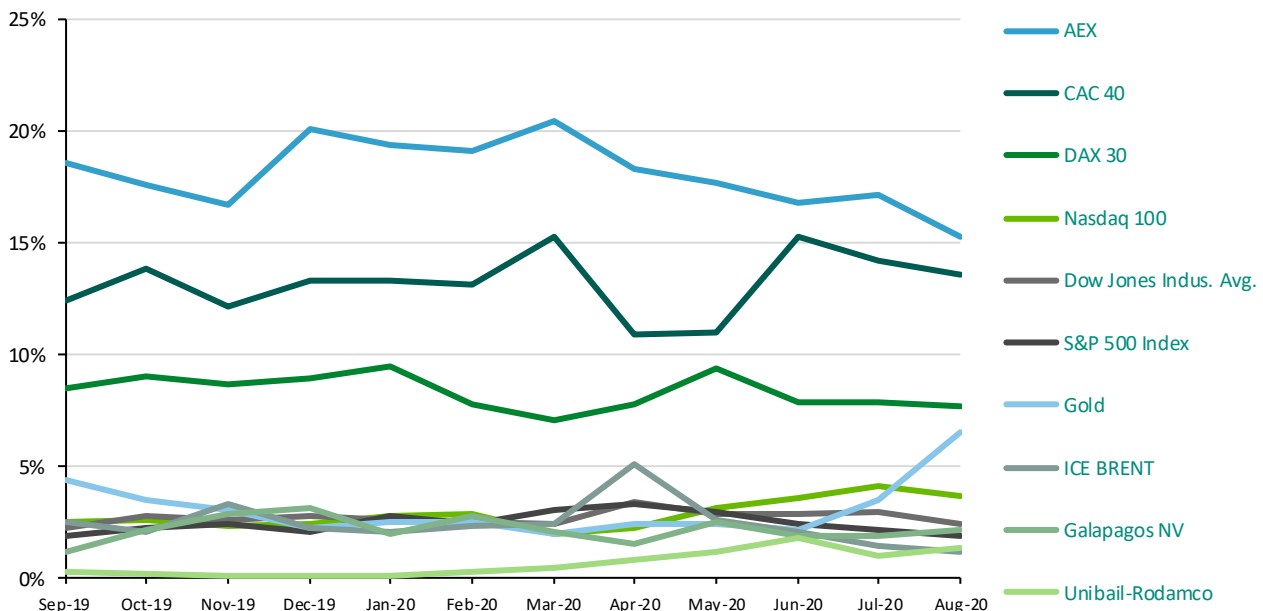
## Market Trend: Value traded

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

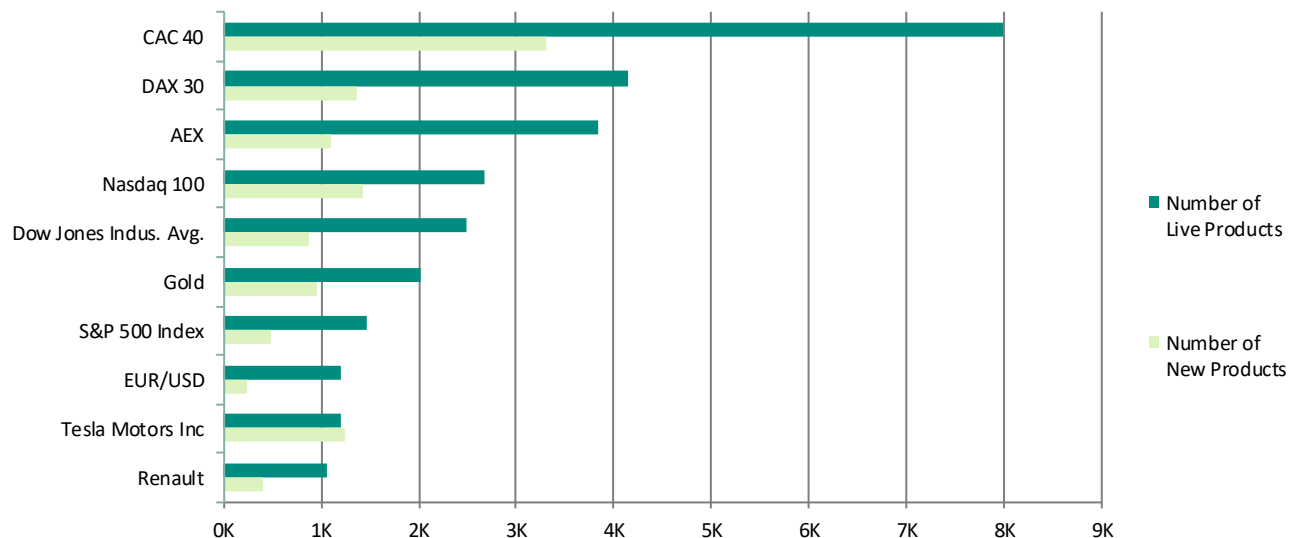
## Product Overview

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	7,988	-2.4%	4.7%	9.3%	3,316	-16.1%	-27%	10.7%
DAX 30	4,156	4.1%	11.9%	4.8%	1,362	-33%	-32%	4.4%
AEX	3,833	1.7%	19.4%	4.5%	1,106	-22%	-35%	3.6%
Nasdaq 100	2,675	18.9%	24%	3.1%	1,426	-8.6%	19.6%	4.6%
Dow Jones Indus. Avg.	2,499	6.1%	11.6%	2.9%	874	-9.2%	-31%	2.8%
Gold	2,011	17.2%	33%	2.3%	965	15.8%	103%	3.1%
S&P 500 Index	1,475	12.5%	2.9%	1.7%	488	18.4%	-18.0%	1.6%
EUR/USD	1,210	9.8%	12.1%	1.4%	241	-37%	-14.3%	0.8%
Tesla Motors Inc	1,204	26%	17.5%	1.4%	1,247	-4.9%	65%	4.0%
Renault	1,062	2.7%	7.0%	1.2%	396	-11.6%	-9.9%	1.3%
Other	57,654	5.8%	4.5%	67.2%	19,580	-15.8%	-3.9%	63.2%
<b>Total</b>	<b>85,765</b>	<b>5.7%</b>	<b>7.0%</b>	<b>100%</b>	<b>31,001</b>	<b>-15.2%</b>	<b>-7.9%</b>	<b>100%</b>

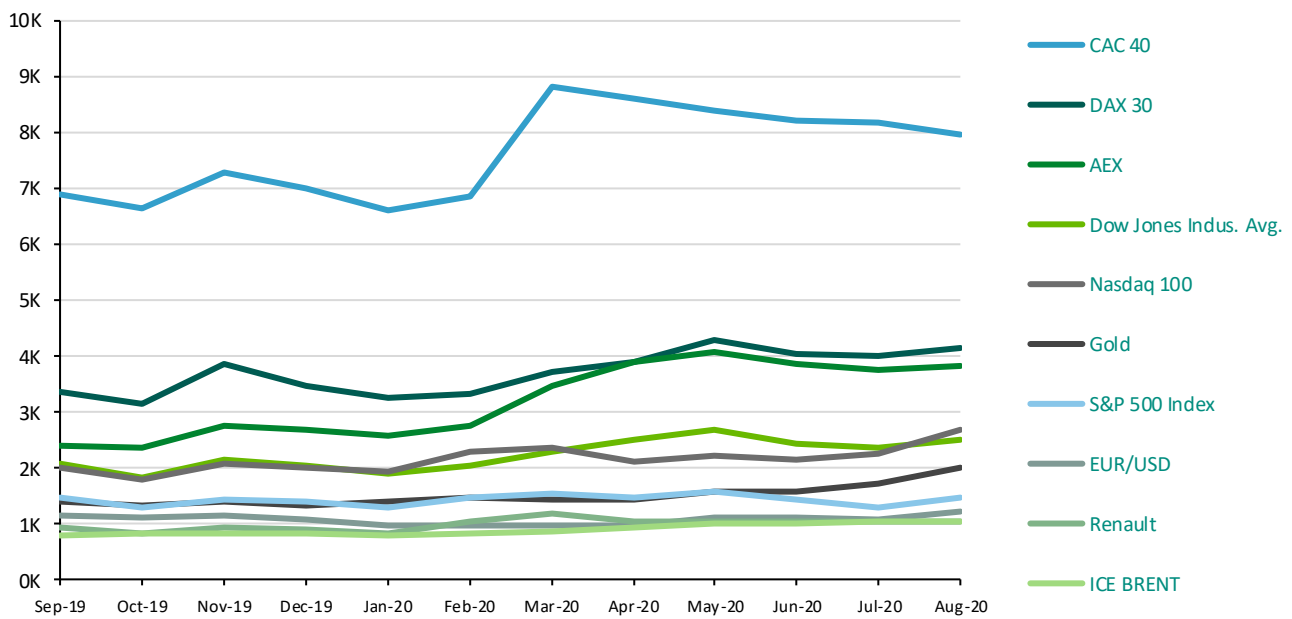
(Source Euronext)



# TOP 10 UNDERLYINGS

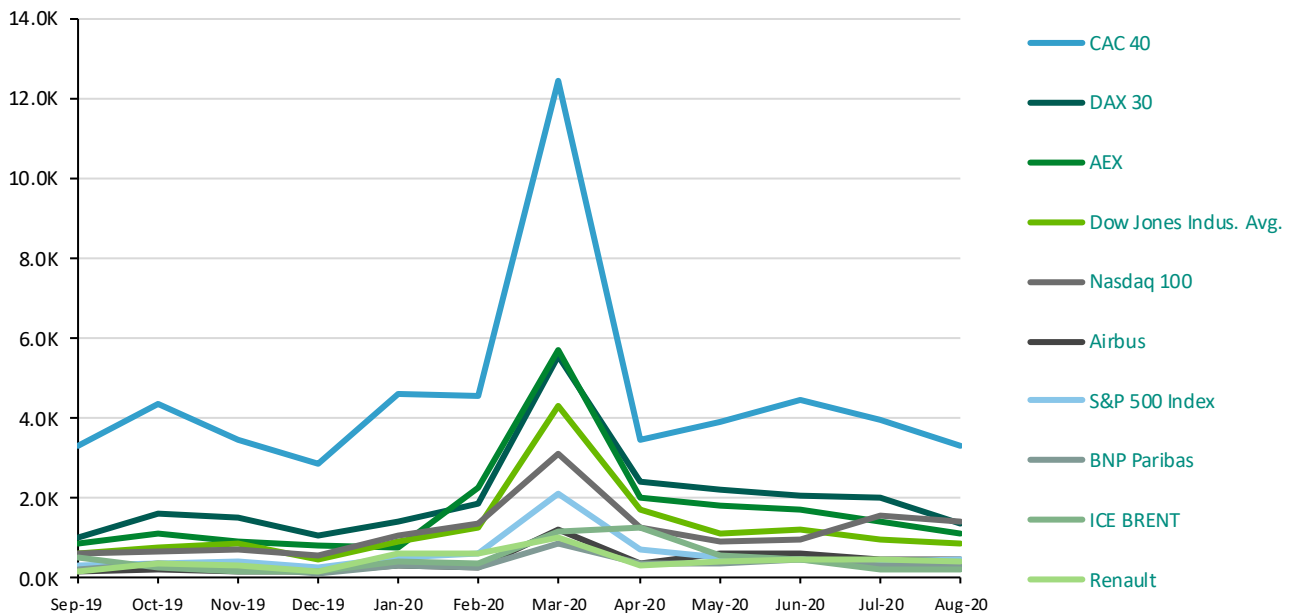
## Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on 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 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	8,198	560
DE000KB4VVE0	Citi	2200	Knock-Out Warrants	DAX 30	6,515	63
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	6,118	426
NL0015463902	BNP Paribas	2210	Mini-Futures	Gold	5,944	65
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	5,559	215
NL0015466533	BNP Paribas	2210	Mini-Futures	Gold	5,544	241
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	4,545	365
NL0015468455	BNP Paribas	2210	Mini-Futures	Gold	3,690	78
NL0015450339	BNP Paribas	2210	Mini-Futures	Gold	3,480	201
NL0015287335	Goldman Sachs	2205	Open-End Knock-Out Warrants	Silver	3,422	62
NL0015454448	BNP Paribas	2210	Mini-Futures	Gold	3,064	71
NL0015450370	BNP Paribas	2210	Mini-Futures	Silver	3,006	203
NL0015471269	BNP Paribas	2210	Mini-Futures	Gold	2,896	63
NL0015468463	BNP Paribas	2210	Mini-Futures	Gold	2,832	148
FRBNPP01R443	BNP Paribas	2210	Mini-Futures	CAC 40	2,731	95
NL0015455494	BNP Paribas	2210	Mini-Futures	Silver	2,701	290
DE000KB59FM2	Citi	2200	Knock-Out Warrants	DAX 30	2,685	128
NL0015466525	BNP Paribas	2210	Mini-Futures	Gold	2,580	116
NL0015463266	BNP Paribas	2210	Mini-Futures	S&P 500 Index	2,487	53
NL0015460601	BNP Paribas	2210	Mini-Futures	ICE BRENT	2,478	65
DE000CL39CA2	Société Générale	2100	Warrants	CAC 40	2,399	149
FRBNPP01FQW8	BNP Paribas	2210	Mini-Futures	CAC 40	2,383	138
DE000VP5U160	Vontobel	2205	Open-End Knock-Out Warrants	Deutsche Bank	2,325	106
NL0013666266	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	2,287	18
NL0014498982	BNP Paribas	2210	Mini-Futures	ICE BRENT	2,248	95
NL0015089855	BNP Paribas	2210	Mini-Futures	Silver	2,160	50
NL0015456740	BNP Paribas	2210	Mini-Futures	AEX	2,021	280
NL0015104282	BNP Paribas	2210	Mini-Futures	Gold	2,006	54
NL0015455437	BNP Paribas	2210	Mini-Futures	Gold	1,980	141
FRBNPP01MND1	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,867	141
DE000VP6JDU5	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,816	67
PTBCPZYM0047	BCP	1300	Tracker Certificates	NASDAQ-100 Notional Net Tot:	1,715	150
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	1,706	123
NL0015460866	BNP Paribas	2210	Mini-Futures	AEX	1,674	385
NL0015465063	BNP Paribas	2210	Mini-Futures	Gold	1,631	50
FRBNPP01R567	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,628	417
DE000KB58598	Citi	2200	Knock-Out Warrants	DAX 30	1,611	88
FRBNPP017V73	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,607	60
NL0015466590	BNP Paribas	2210	Mini-Futures	Gold	1,581	31
DE000VP6BPV4	Vontobel	2200	Knock-Out Warrants	Gold	1,555	377
NL0015468547	BNP Paribas	2210	Mini-Futures	AEX	1,527	240
DE000VP6Q6F0	Vontobel	2205	Open-End Knock-Out Warrants	Gold	1,494	243
DE000KB59TT8	Citi	2200	Knock-Out Warrants	DAX 30	1,489	347
NL0010441531	BNP Paribas	2205	Open-End Knock-Out Warrants	Gold	1,488	65
NL0014903403	ING	2205	Open-End Knock-Out Warrants	Silver	1,459	350
NL0014904757	ING	2205	Open-End Knock-Out Warrants	Silver	1,441	291
DE000VP1NVC8	Vontobel	2205	Open-End Knock-Out Warrants	Galapagos NV	1,435	142
NL0015471277	BNP Paribas	2210	Mini-Futures	Gold	1,417	26
FRBNPP01JQA6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,390	82
DE000KB59T46	Citi	2200	Knock-Out Warrants	EUR/USD	1,390	24

(Source Euronext)





# Euroclear Belgium Instruments

# ISSUERS

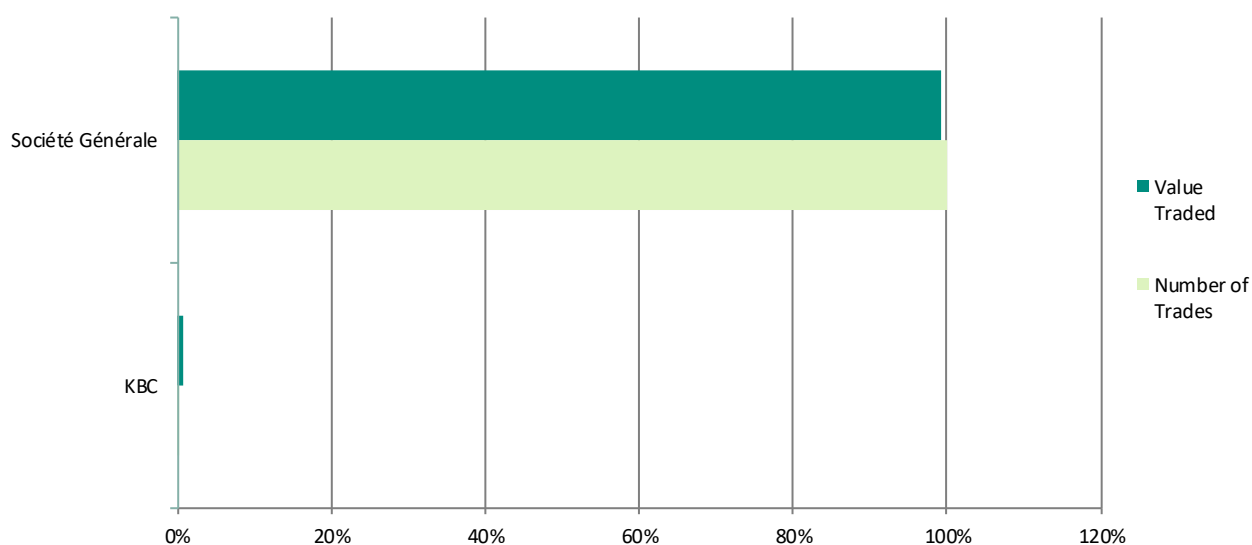
## Market Overview

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	533	5.5%	106%	99.2%	291	30.6%	132.1%	100.0%
KBC	4	-39%	-98%	0.8%	0.0	9.5%	-97.1%	0.0%
Total	537	4.9%	-28.6%	100%	291	30.6%	14.7%	100%

(Source Euronext)

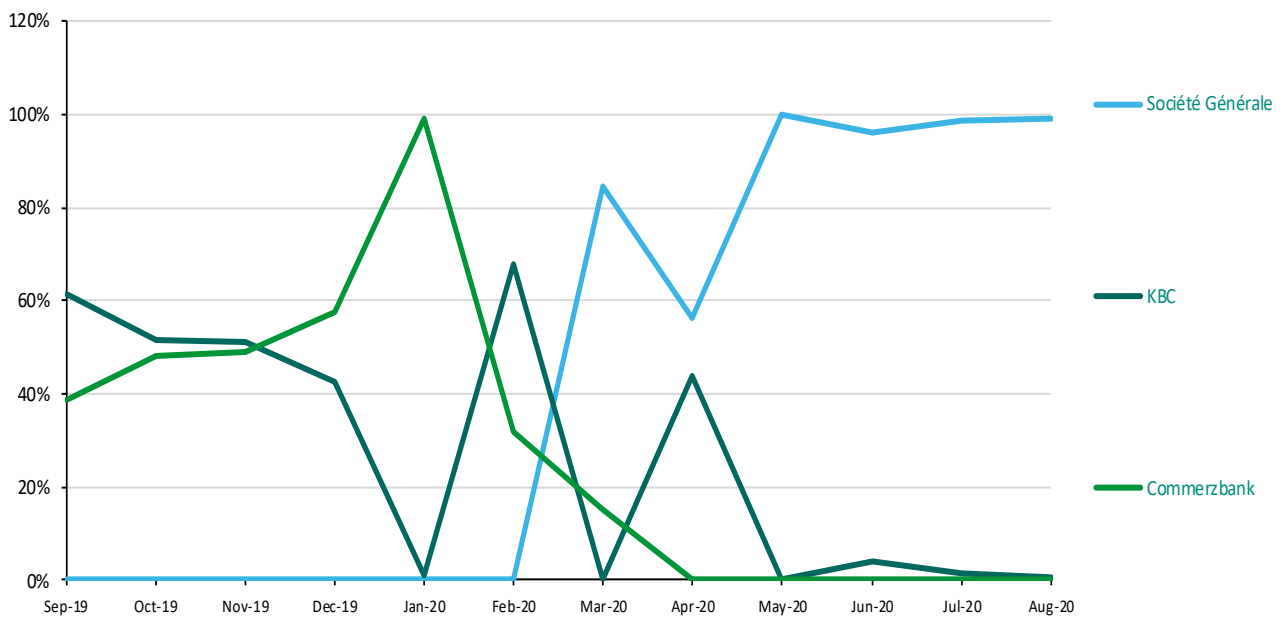




# ISSUERS

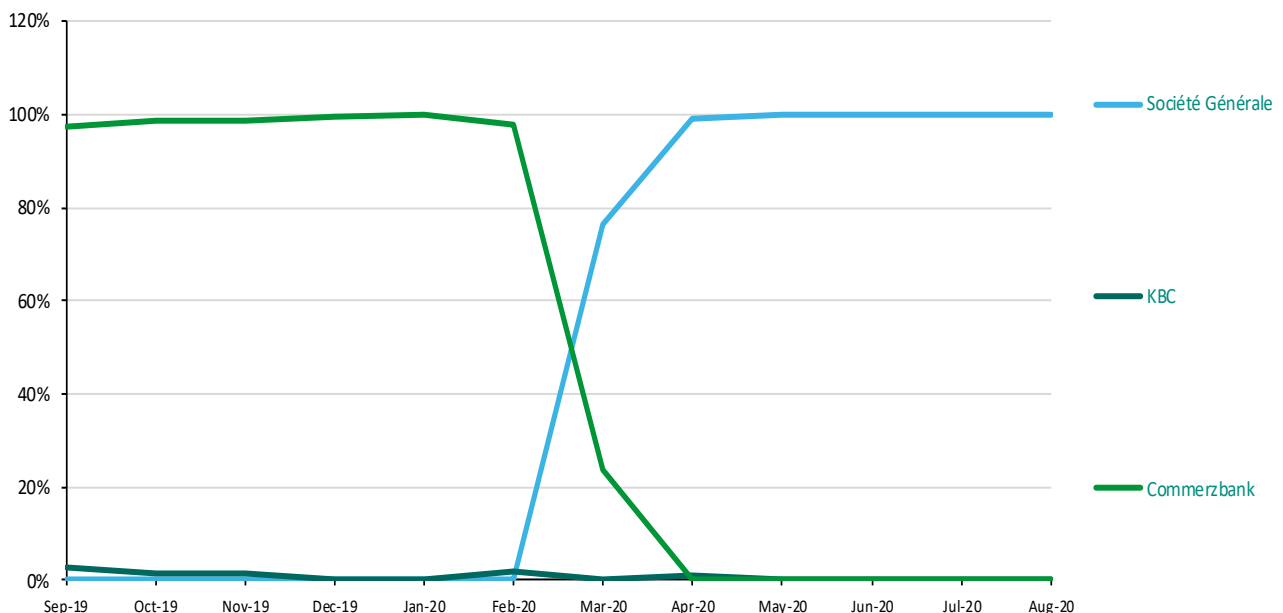
## Market Trend: Value traded

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

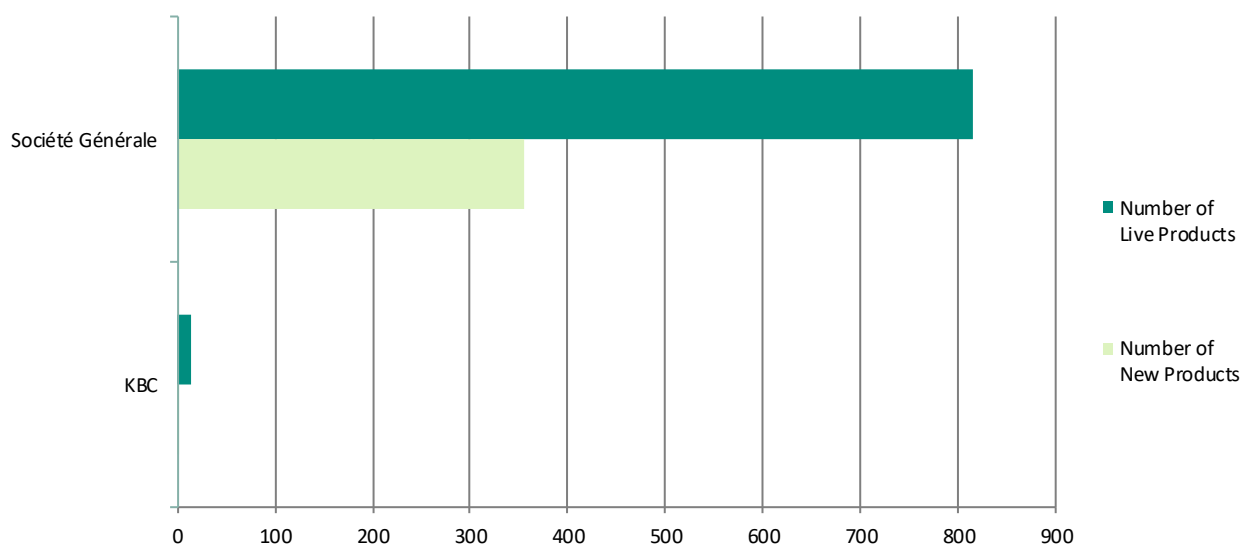
## Product Overview

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	815	-0.4%	122%	98.4%	356	8.5%	60%	99.7%
KBC	13	0.1%	-44%	1.6%	1	0.0%	-48%	0.3%
Total	828	-0.4%	1.8%	100%	357	8.5%	3.1%	100%

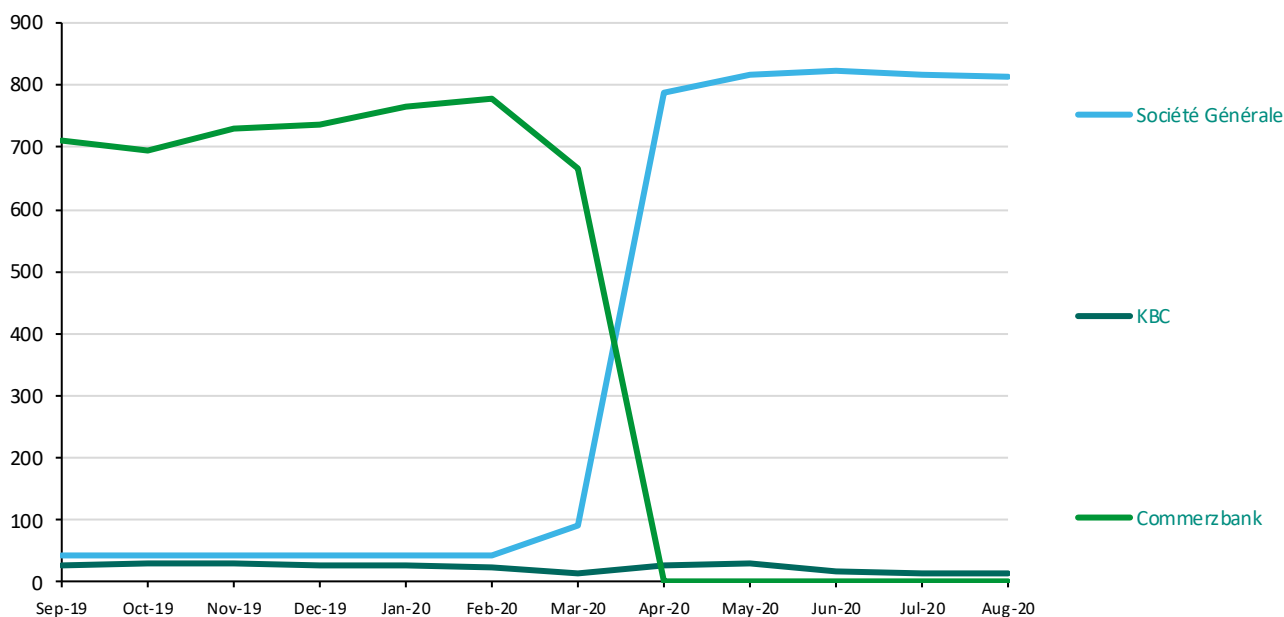
(Source Euronext)



# ISSUERS

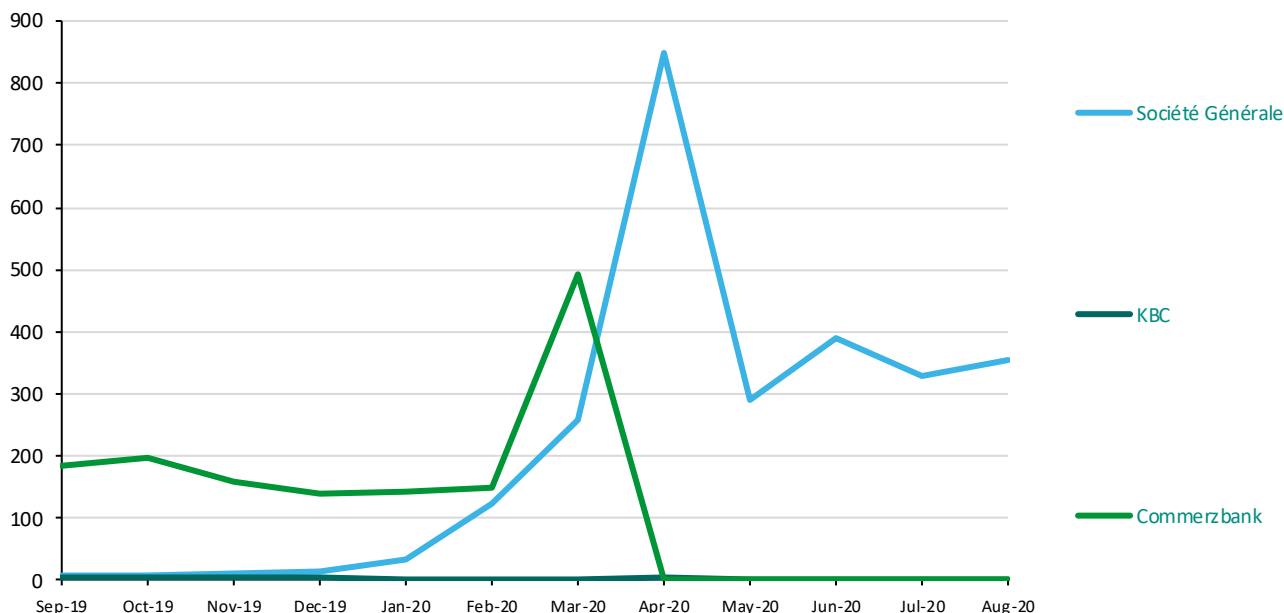
## Product Trend: Number of Live Products

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)

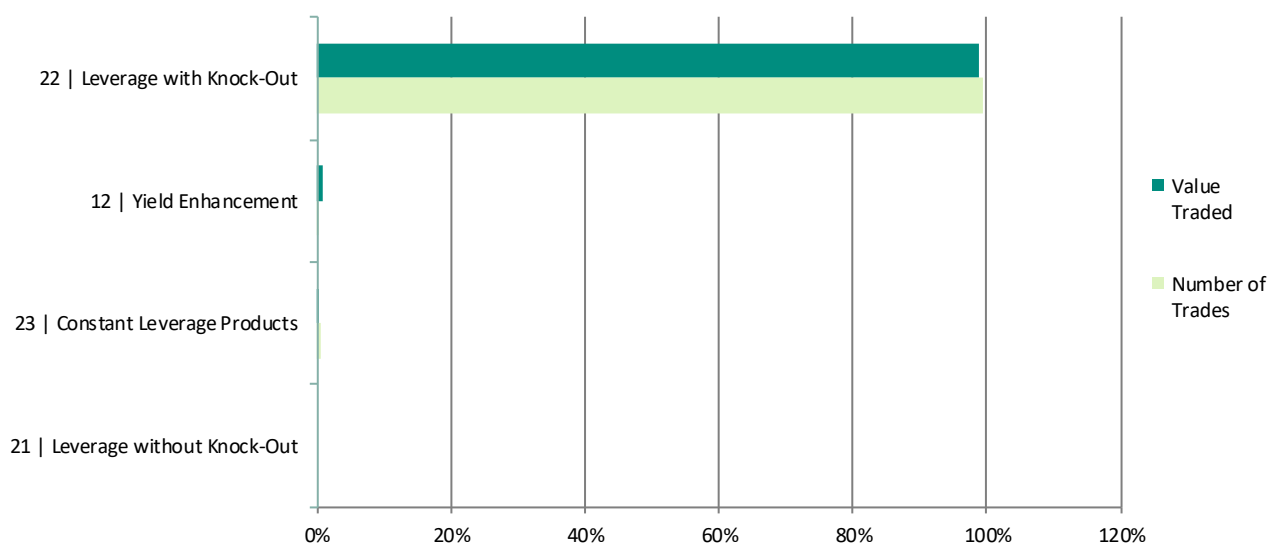
### Market Overview

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	532	5.5%	10.8%	98.9%	289	31.5%	19.0%	99.3%
12   Yield Enhancement	4	-39%	-98%	0.8%	0.0	9.5%	-96.9%	0.0%
23   Constant Leverage Products	2	-2.9%	-81%	0.4%	1.9	-38.1%	-79.3%	0.6%
21   Leverage without Knock-Out	0		-100%	0.0%	0.0		-100.0%	0.0%
<b>Total</b>	<b>537</b>	<b>4.9%</b>	<b>-28.6%</b>	<b>100%</b>	<b>291</b>	<b>30.6%</b>	<b>14.7%</b>	<b>100%</b>

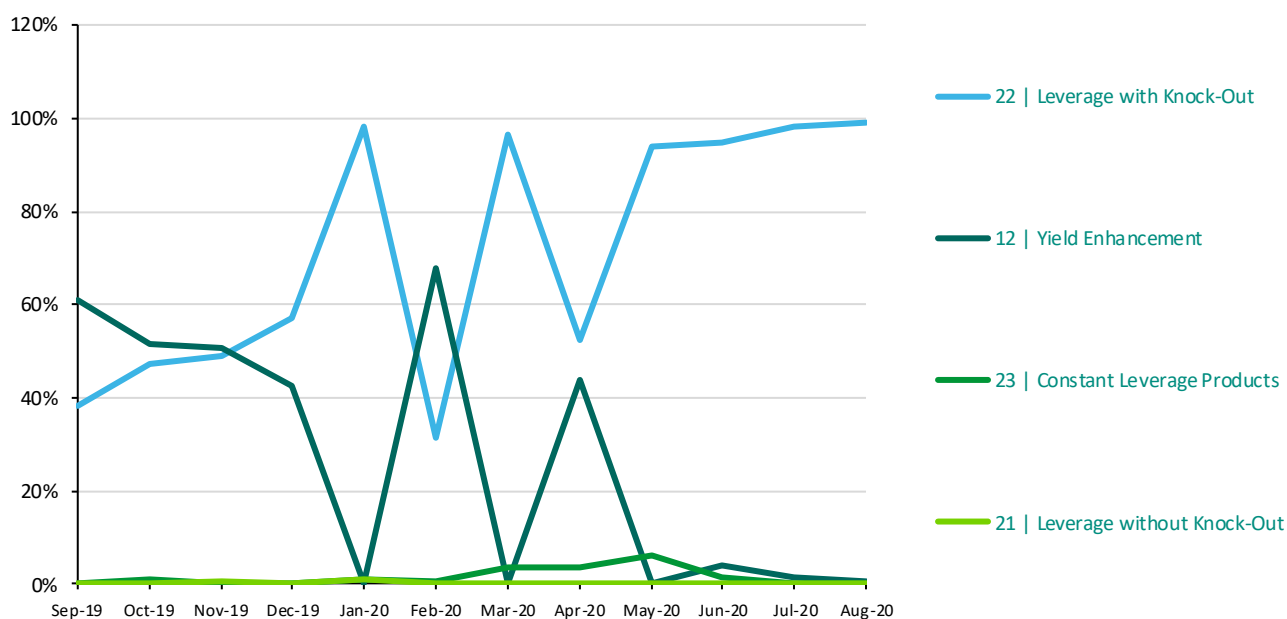
(Source Euronext)



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

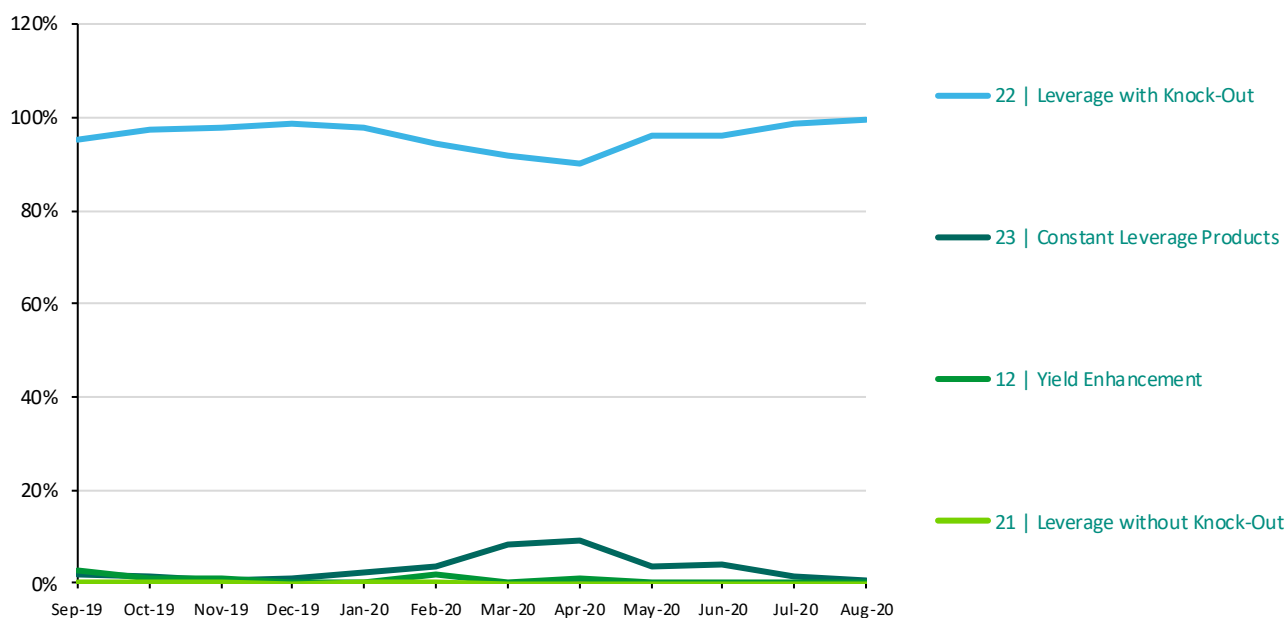
## Market Trend: Value traded

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

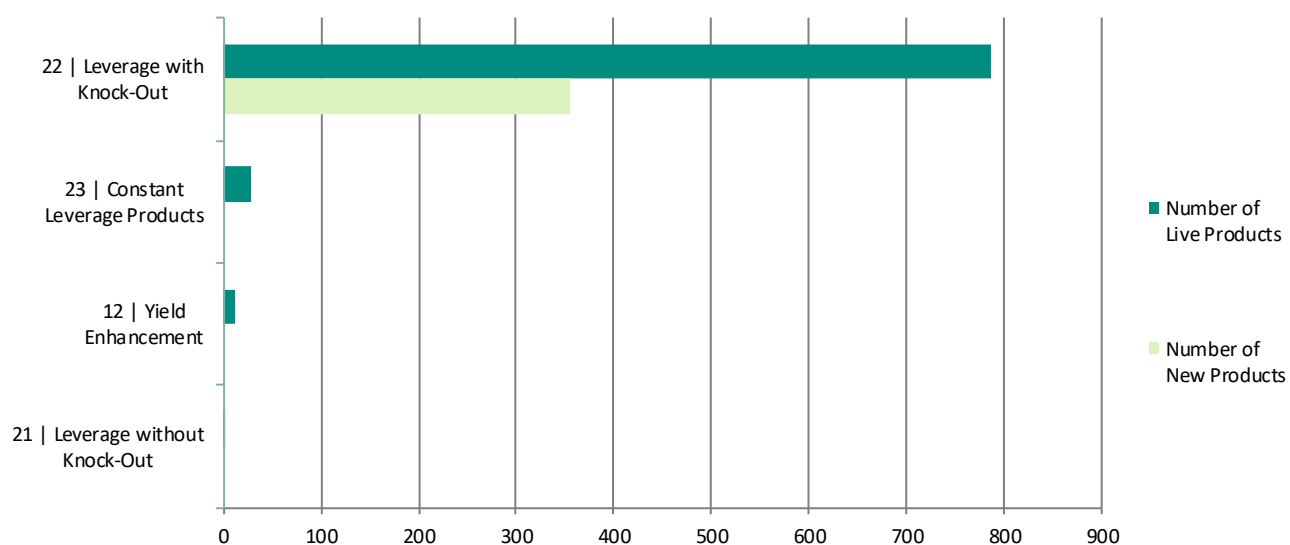
### Product Overview

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	787	3.8%	13.5%	95.0%	356	8.5%	3.5%	99.7%
23   Constant Leverage Products	28	-53%	-71%	3.4%	0		-100%	0.0%
12   Yield Enhancement	11	0.5%	0.8%	1.4%	0		-100%	0.0%
21   Leverage without Knock-Out	2	-2.4%	-84%	0.2%	1	0.0%	0.0%	0.3%
<b>Total</b>	<b>828</b>	<b>-0.4%</b>	<b>1.8%</b>	<b>100%</b>	<b>357</b>	<b>8.5%</b>	<b>3.1%</b>	<b>100%</b>

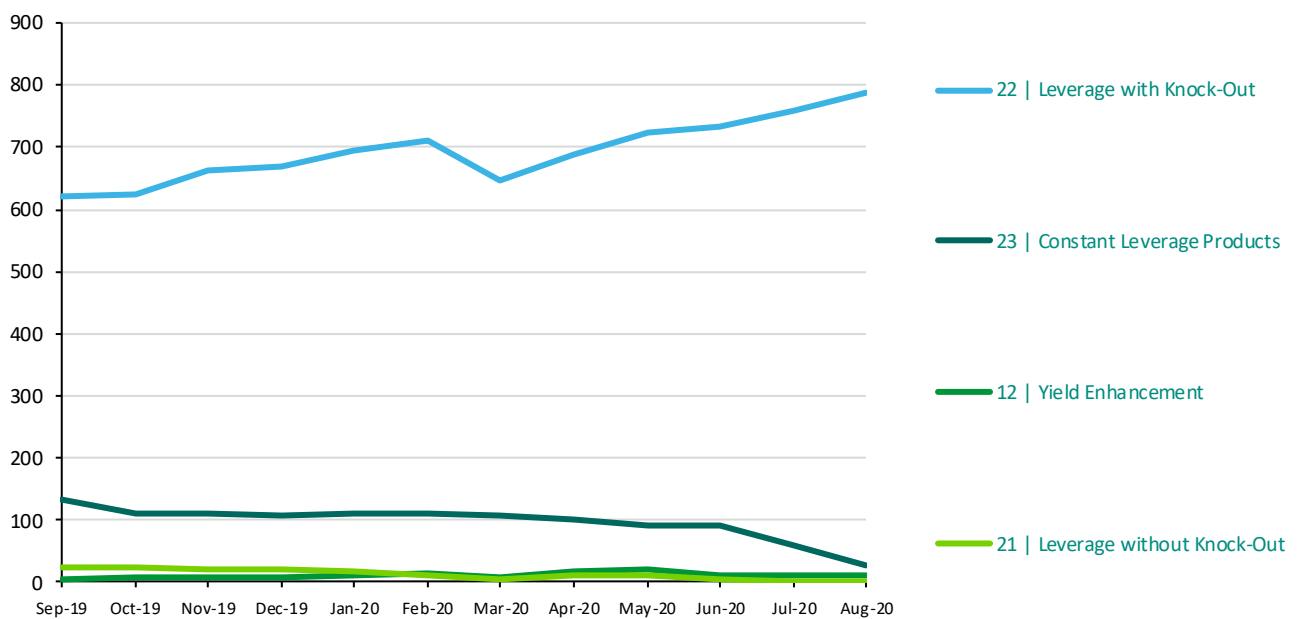
(Source Euronext)



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

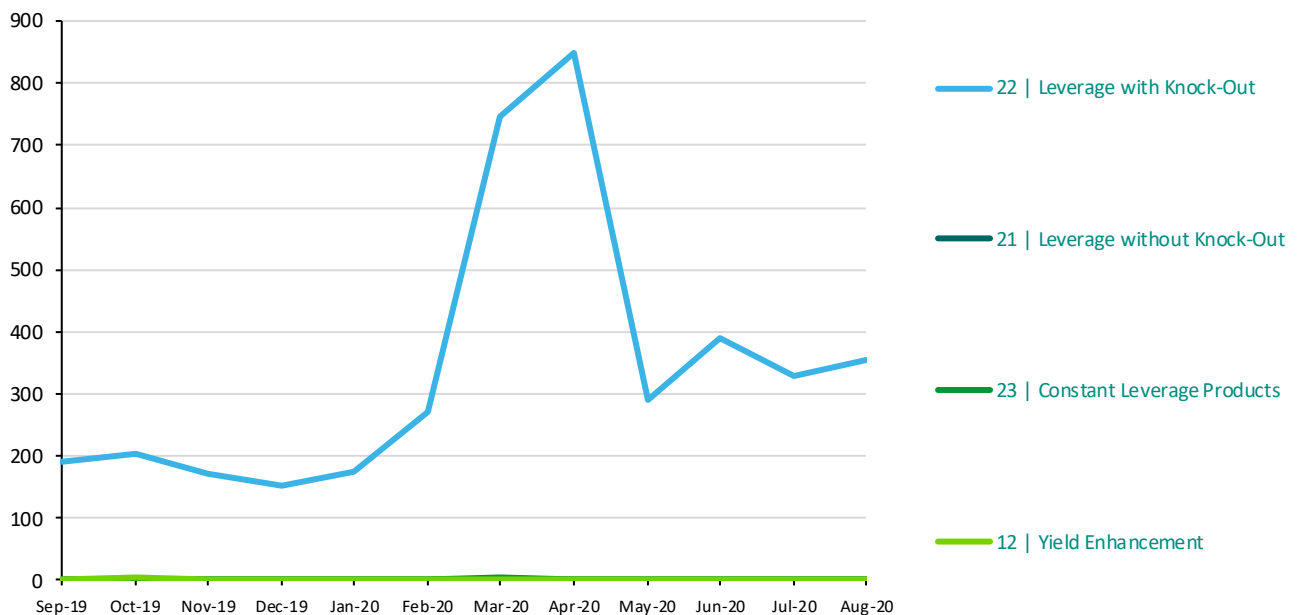
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

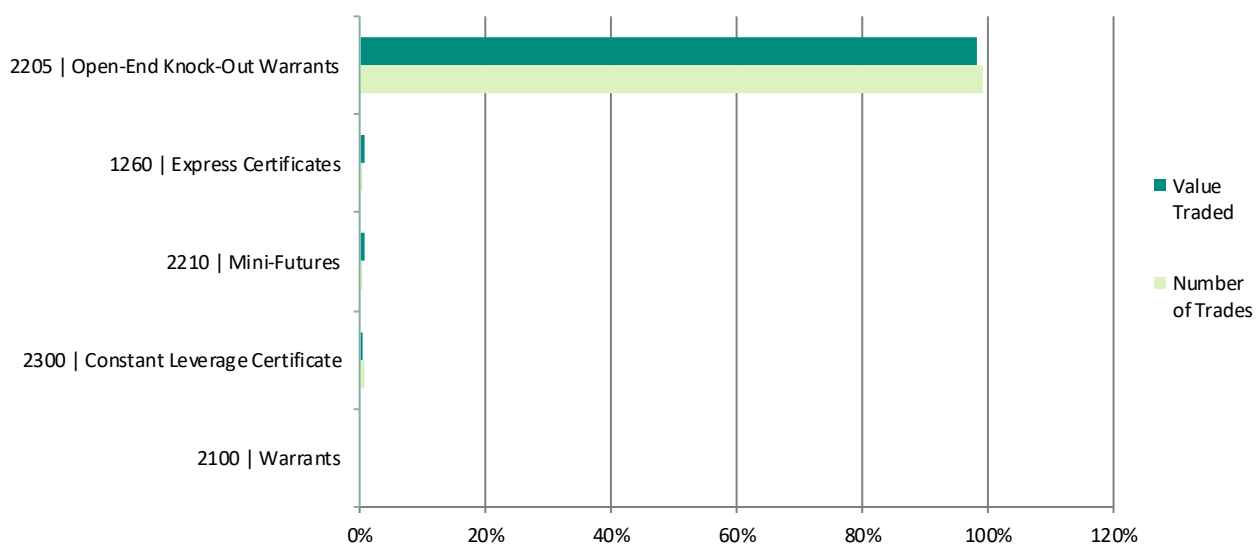
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	528	5.7%	11.6%	98.2%	289	32.1%	20.0%	99.2%
1260   Express Certificates	4	-39%	-98%	0.8%	0.0	9.5%	-97%	0.0%
2210   Mini-Futures	4	-9.9%	-44%	0.7%	0.5	-66%	-81%	0.2%
2300   Constant Leverage Certificate	2	-2.9%	-81%	0.4%	1.9	-38%	-79%	0.6%
2100   Warrants	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>537</b>	<b>4.9%</b>	<b>-28.6%</b>	<b>100%</b>	<b>291</b>	<b>30.6%</b>	<b>14.7%</b>	<b>100%</b>

(Source Euronext)

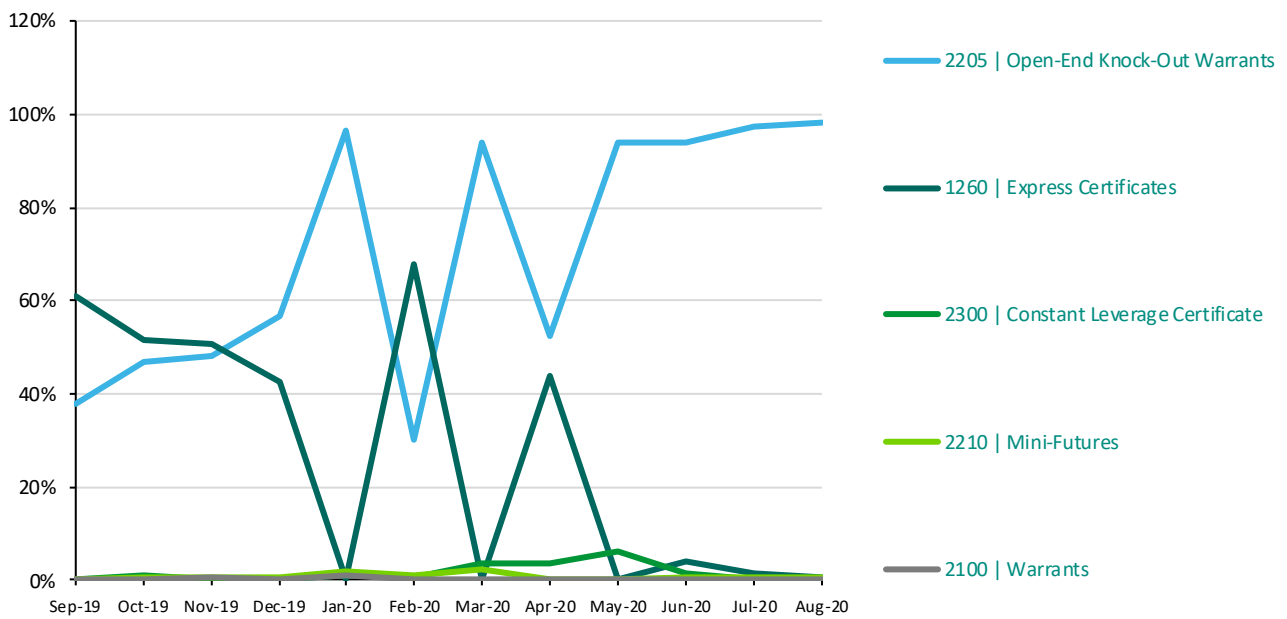




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

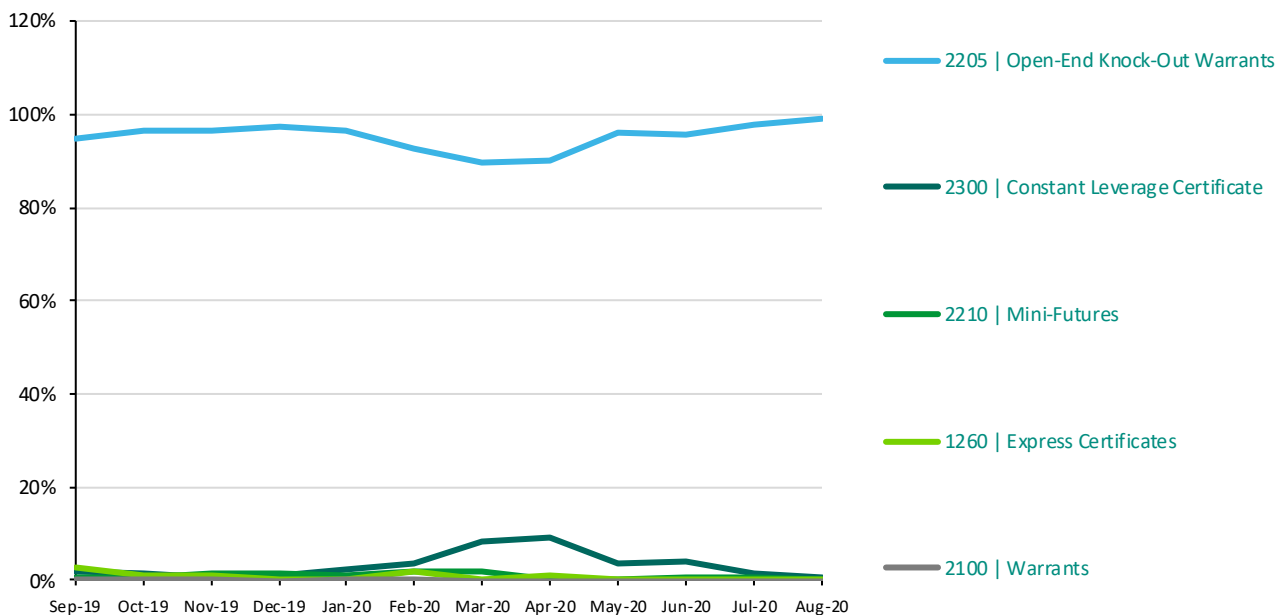
## Market Trend: Value traded

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

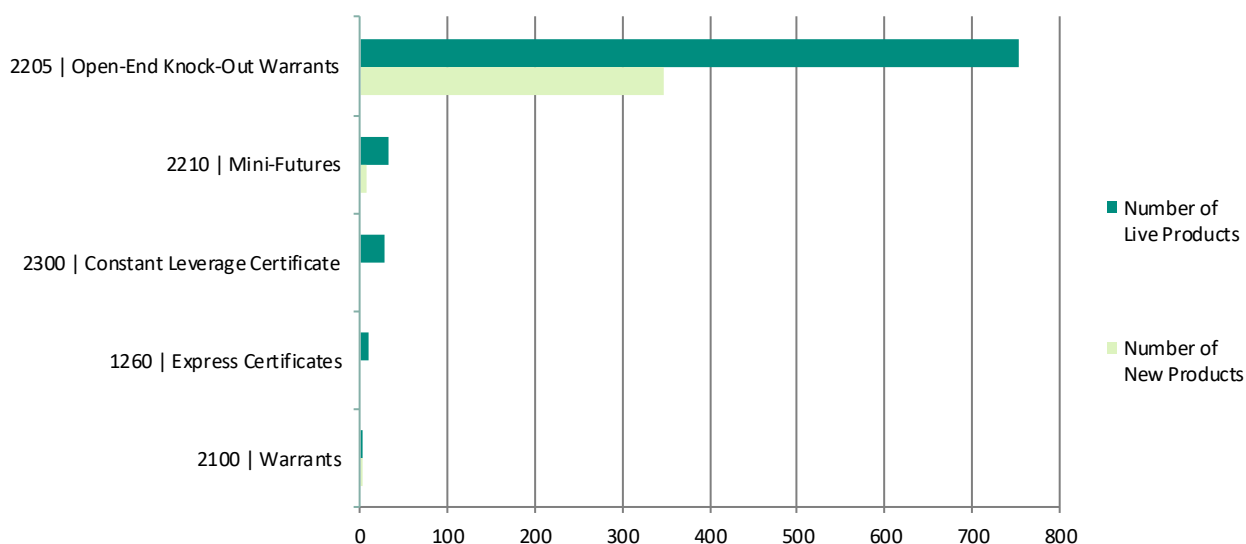
## Product Overview

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	754	4.6%	16.9%	91.0%	348	6.1%	6.9%	97.5%
2210   Mini-Futures	33	-11.2%	-31%	4.0%	8		-56%	2.2%
2300   Constant Leverage Certificate	28	-53%	-71%	3.4%	0		-100%	0.0%
1260   Express Certificates	11	0.5%	0.8%	1.4%	0		-100%	0.0%
2100   Warrants	2	-2.4%	-84%	0.2%	1	0.0%	0.0%	0.3%
<b>Total</b>	<b>828</b>	<b>-0.4%</b>	<b>1.8%</b>	<b>100%</b>	<b>357</b>	<b>8.5%</b>	<b>3.1%</b>	<b>100%</b>

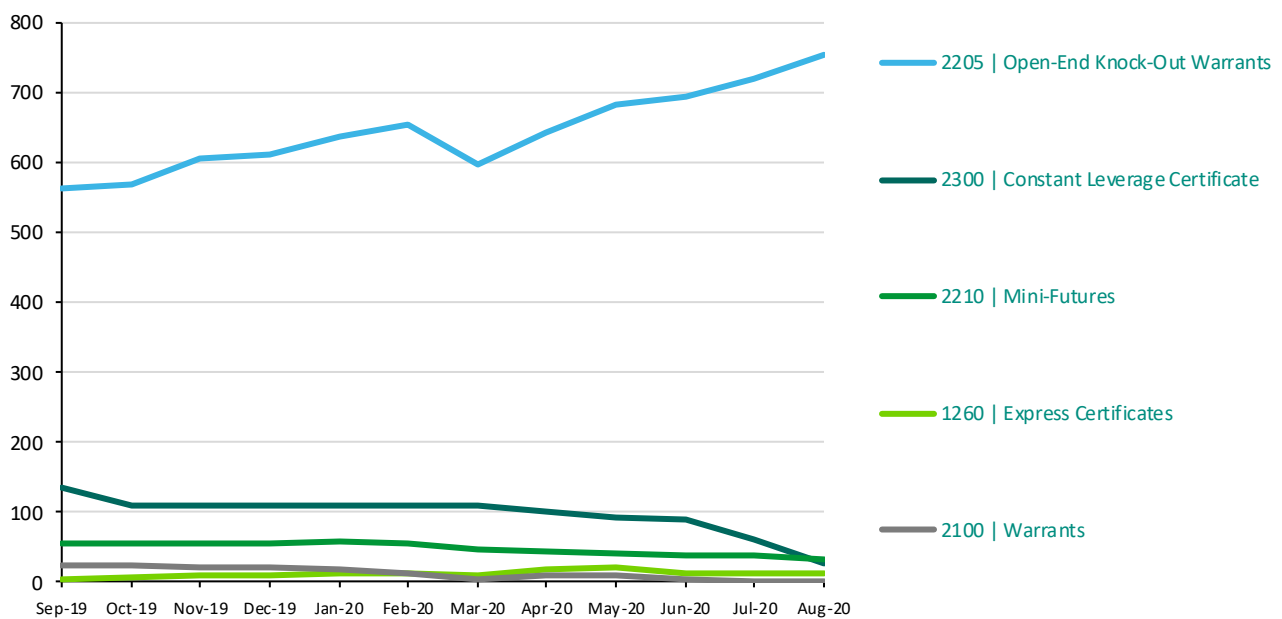
(Source Euronext)



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

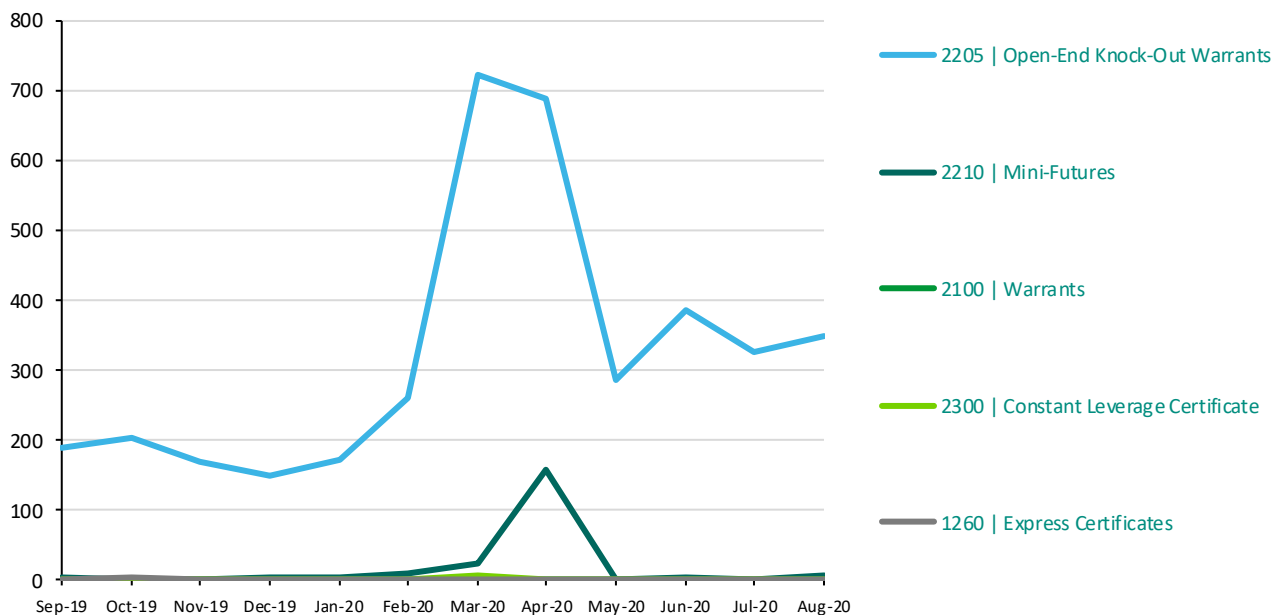
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

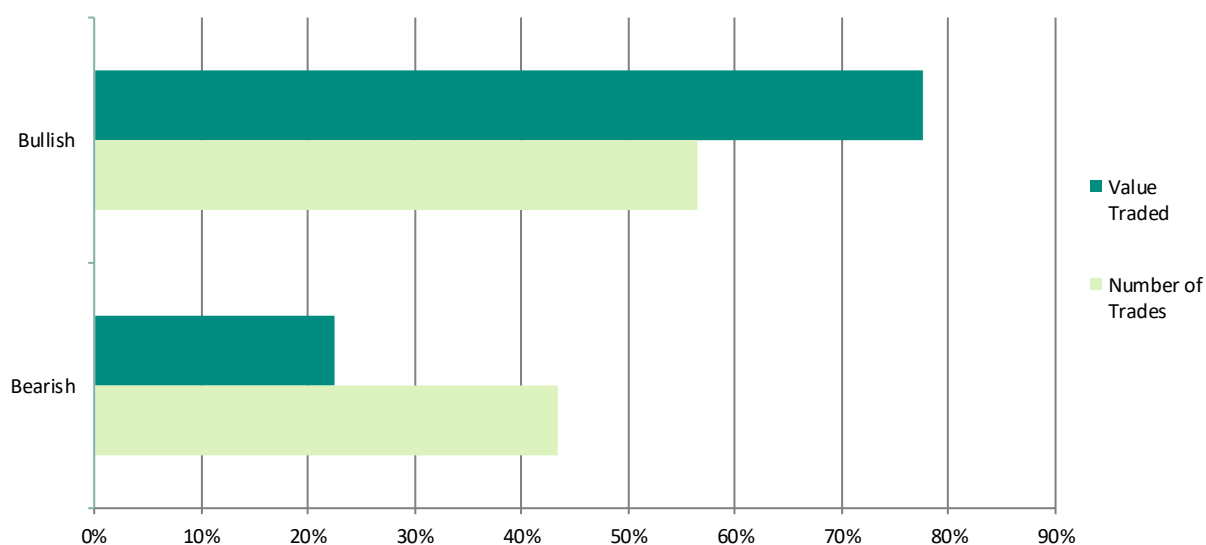
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	417	3.9%	-27%	77.6%	164	9.7%	10.9%	56.5%
Bearish	121	8.7%	-33%	22.4%	127	73%	20%	43.5%
Total	537	4.9%	-28.6%	100%	291	30.6%	14.7%	100%

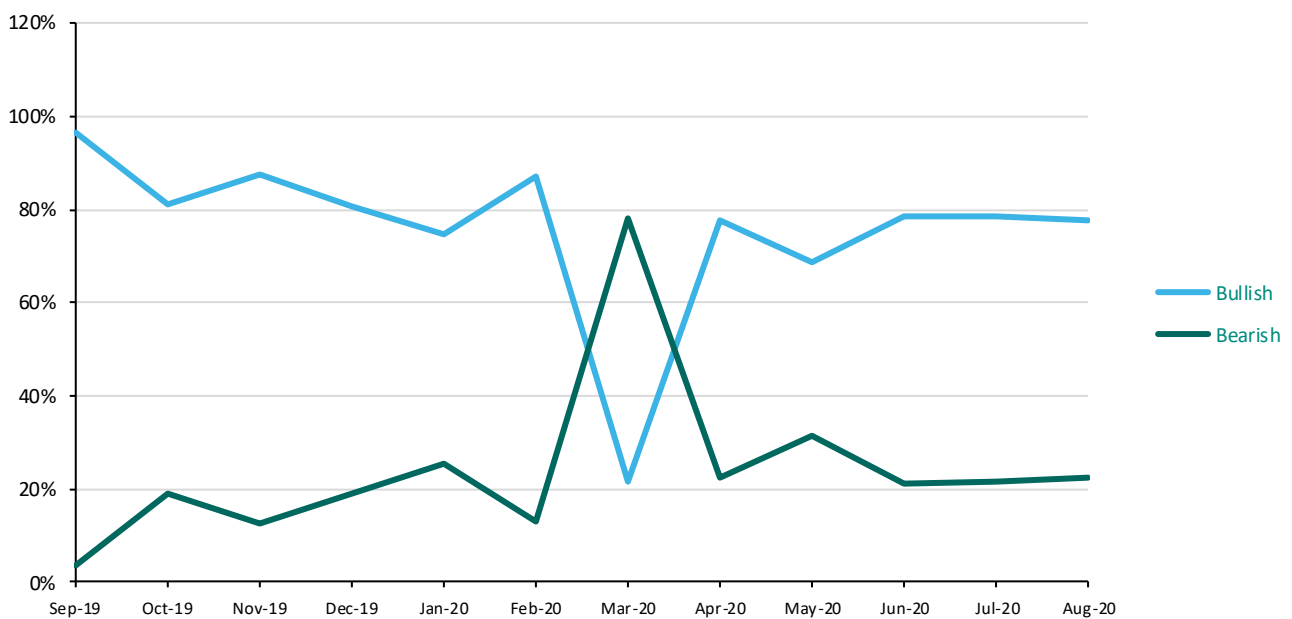
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# PRODUCT STRATEGIES

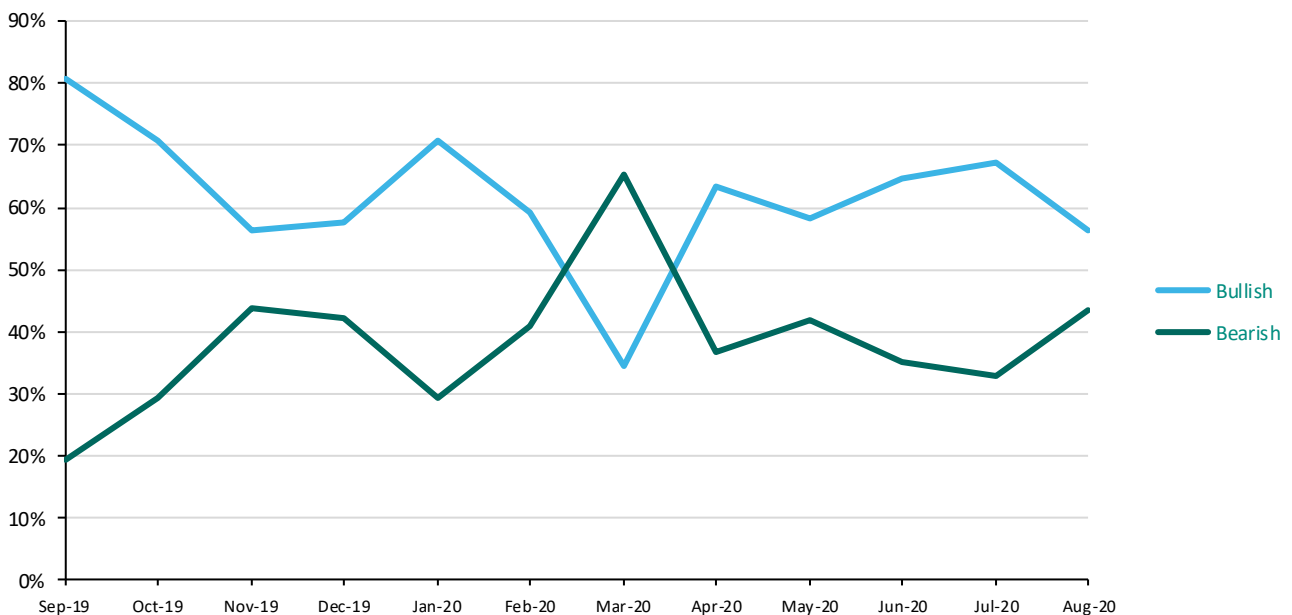
## Market Trend: Value traded

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

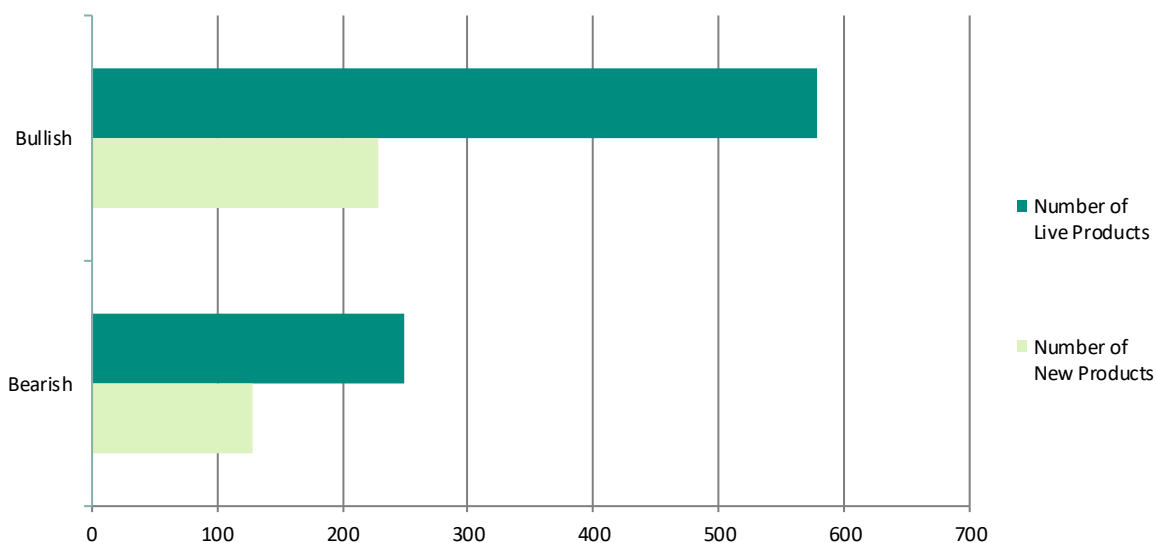
## Product Overview

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	578	4.5%	9.2%	69.8%	228	23%	9.0%	63.9%
Bearish	250	-10.0%	-12.0%	30.2%	129	-10.4%	-6.0%	36.1%
Total	828	-0.4%	1.8%	100%	357	8.5%	3.1%	100%

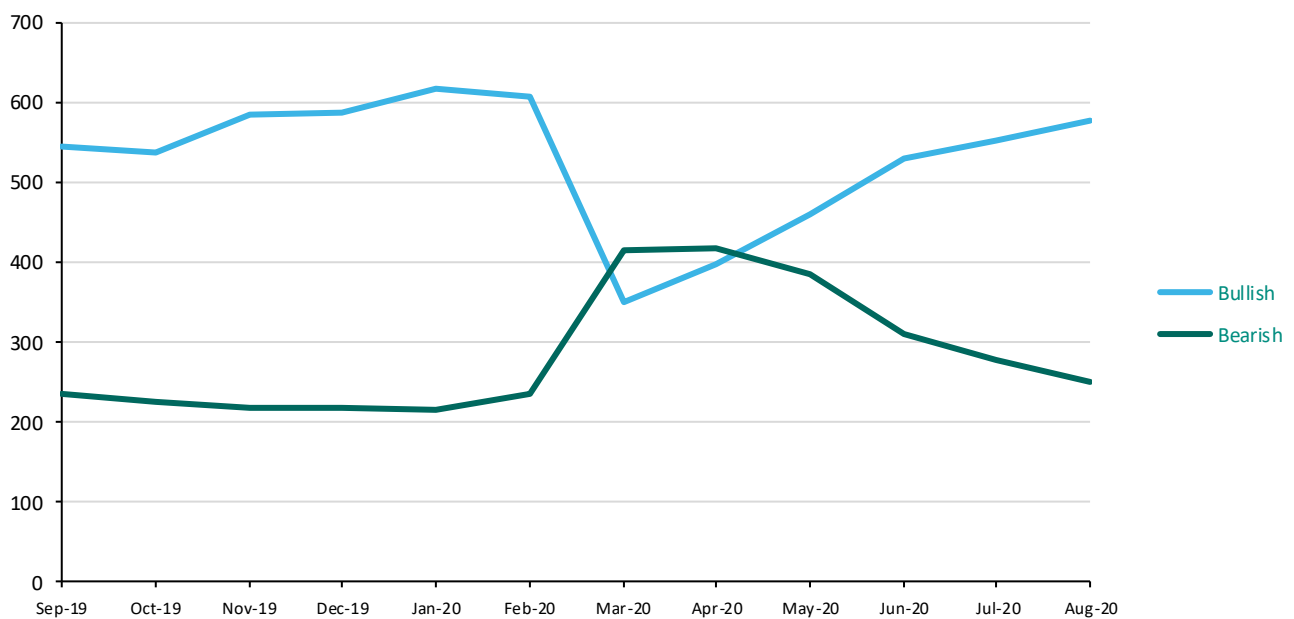
(Source Euronext)



# PRODUCT STRATEGIES

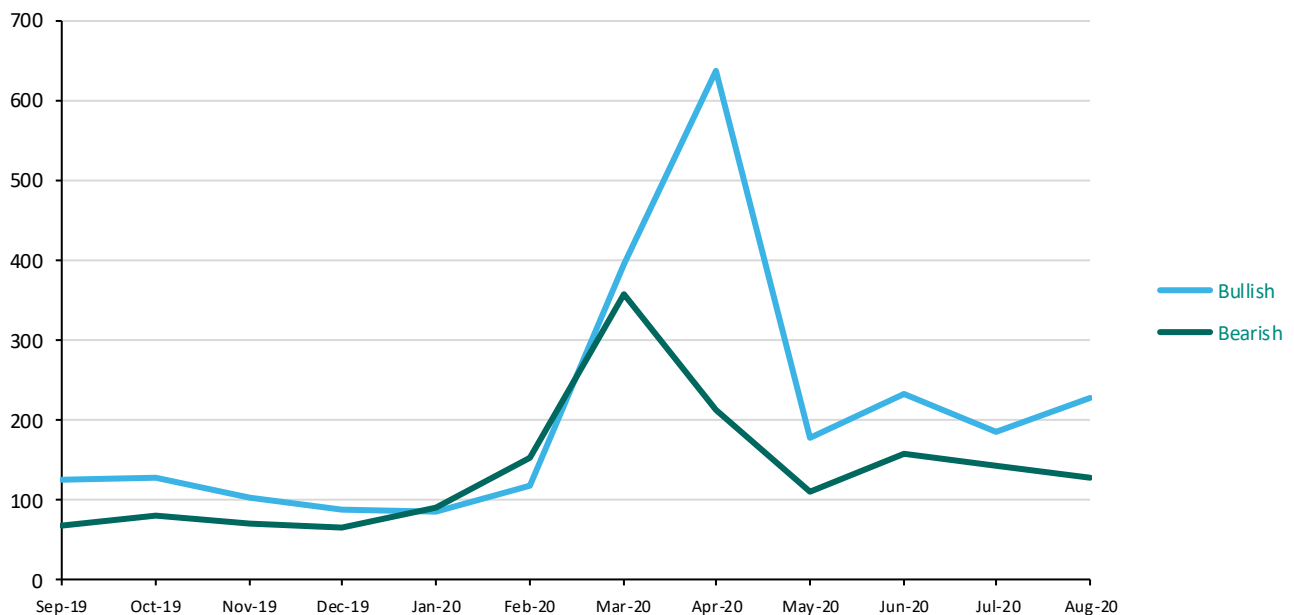
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



## UNDERLYING TYPES

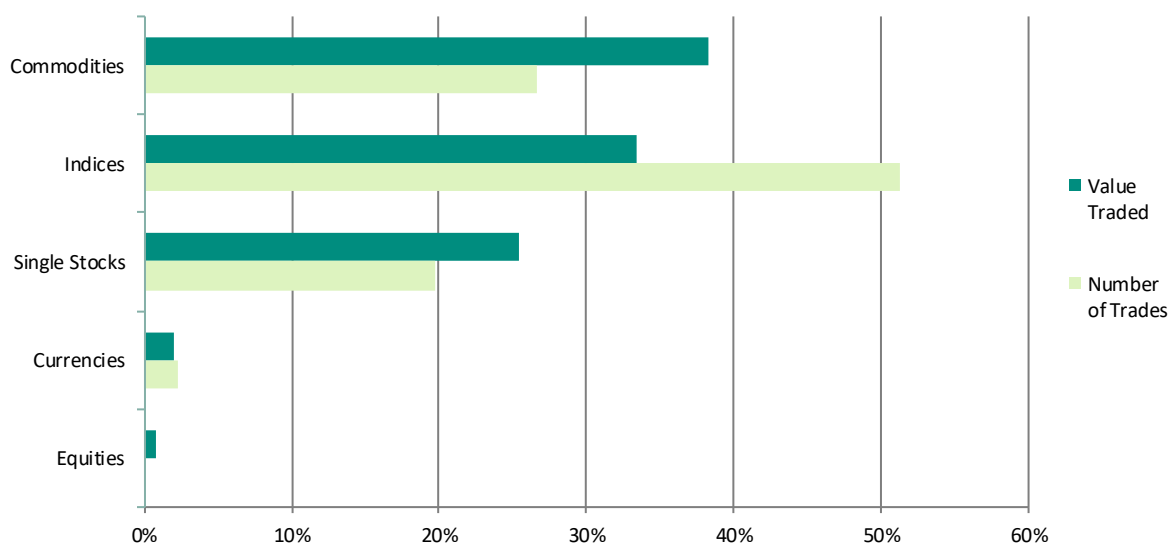
### Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Commodities	206	80%	252%	38.3%	77	51.4%	174.4%	26.6%
Indices	180	-30%	-67%	33.5%	150	49.5%	-8.3%	51.4%
Single Stocks	137	14.3%	44%	25.5%	58	-5.7%	-0.2%	19.8%
Currencies	11	-51%	157%	2.0%	6.5	-39.5%	48.1%	2.2%
Equities	4		-92%	0.8%	0.0		-86.8%	0.0%
<b>Total</b>	<b>537</b>	<b>4.9%</b>	<b>-28.6%</b>	<b>100%</b>	<b>291</b>	<b>30.6%</b>	<b>14.7%</b>	<b>100%</b>

(Source Euronext)

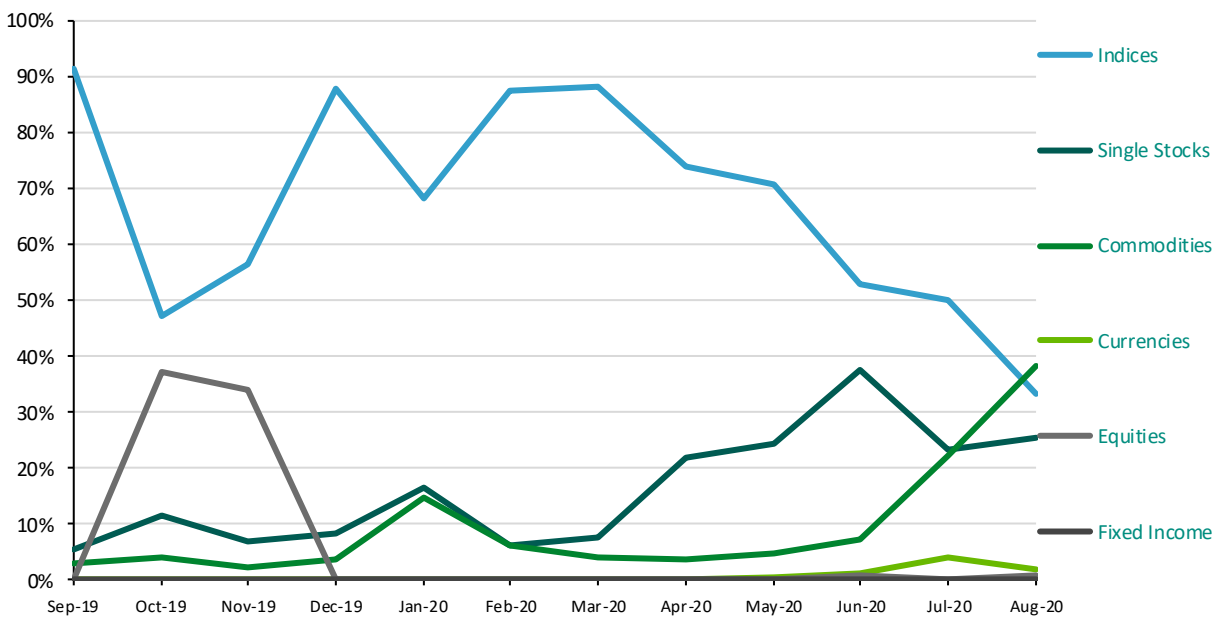




# UNDERLYING TYPES

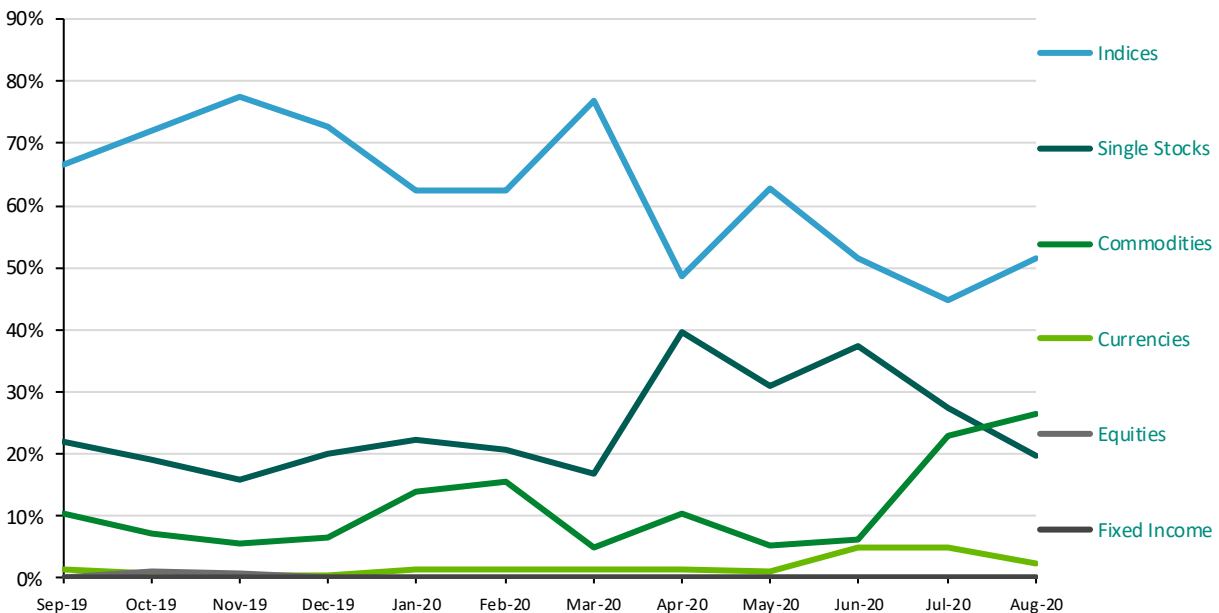
## Market Trend: Value traded

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

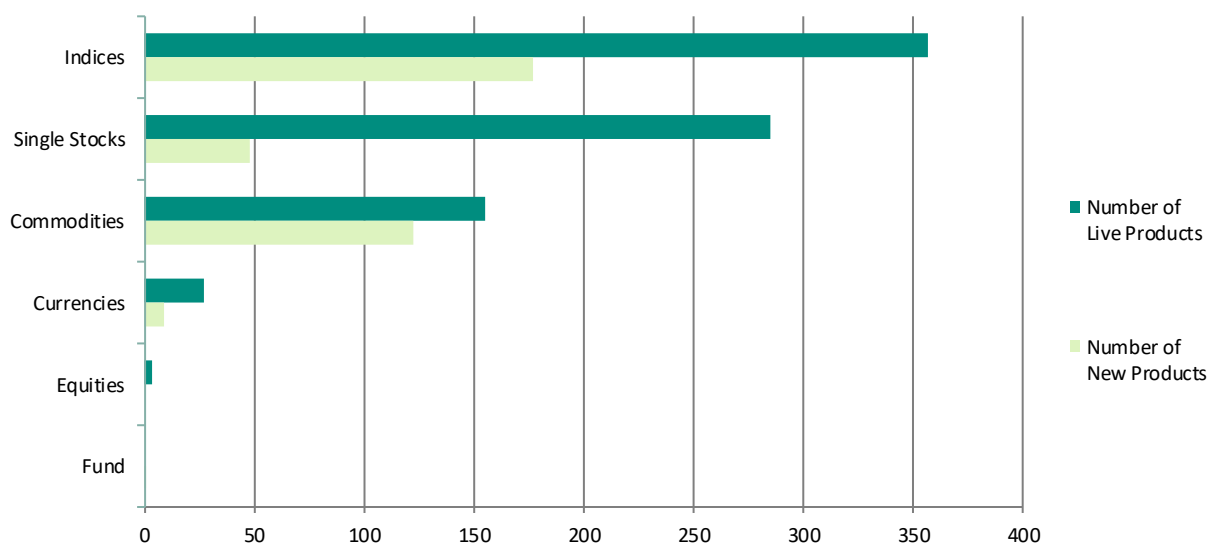
### Product Overview

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	357	-2.0%	-2.8%	43.1%	177	-10.6%	-8.3%	49.6%
Single Stocks	285	-6.8%	-6.1%	34.5%	48	50%	-35%	13.4%
Commodities	155	19.3%	40%	18.7%	122	39%	72%	34.2%
Currencies	27	13.5%	14.9%	3.3%	9	-10.0%	33%	2.5%
Equities	4	-0.4%	18.5%	0.5%	0		-100%	0.0%
Fund	0			0.0%	1	0.0%	0.0%	0.3%
<b>Total</b>	<b>828</b>	<b>-0.4%</b>	<b>1.8%</b>	<b>100%</b>	<b>357</b>	<b>8.5%</b>	<b>3.1%</b>	<b>100%</b>

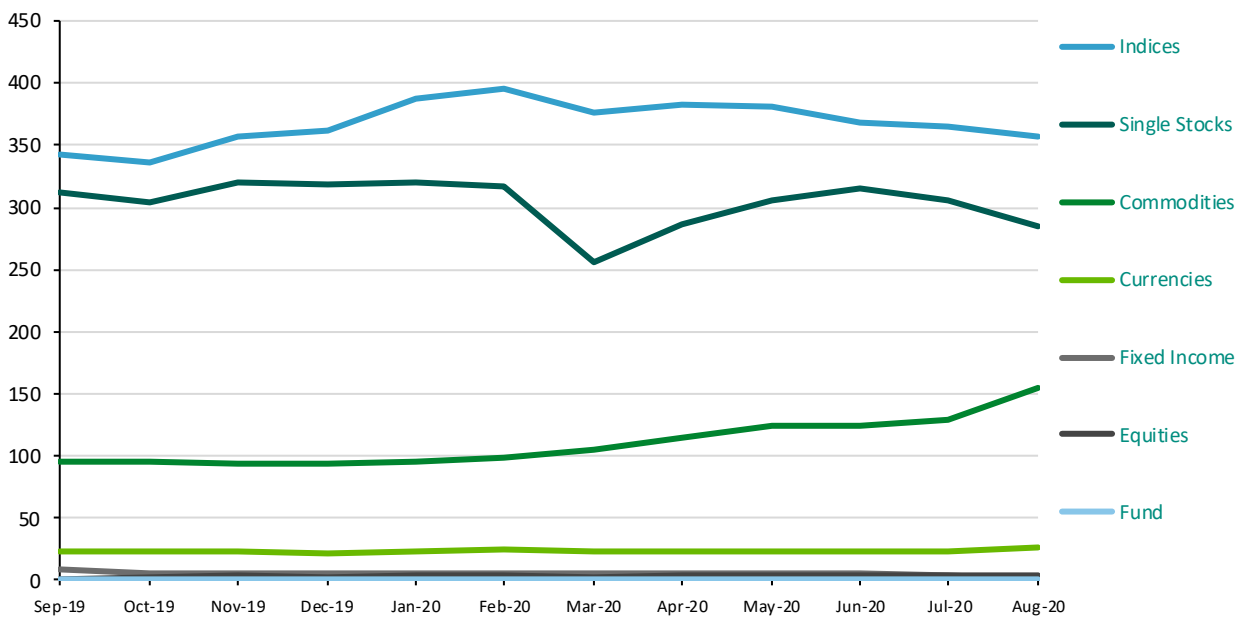
(Source Euronext)



# UNDERLYING TYPES

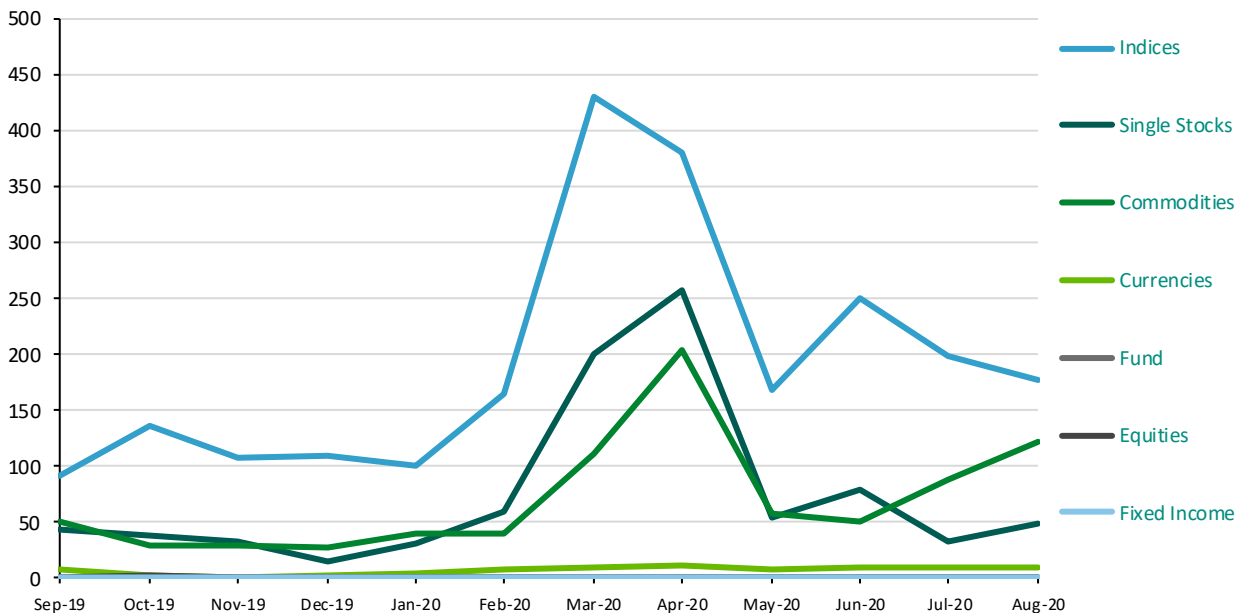
## Product Trend: Number of Live Products

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

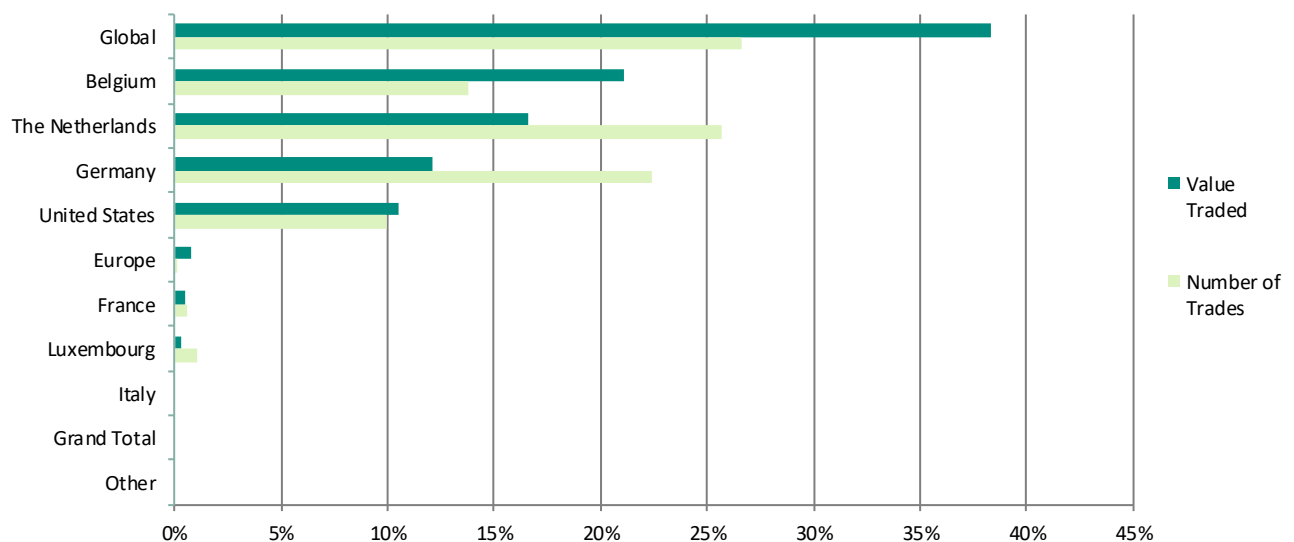
## Market Overview

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
Global	206	70%	8.2%	38.3%	78	50.3%	163.4%	26.6%
Belgium	113	1.2%	42%	21.1%	40	-4.5%	-4.3%	13.8%
The Netherlands	89	-45%	-47%	16.6%	75	24%	-25%	25.6%
Germany	65	7.3%	-51%	12.1%	65	190%	42%	22.4%
United States	56	3.7%	-24%	10.5%	29	-34%	5.8%	9.9%
Europe	4		-96%	0.8%	0.0		-93%	0.0%
France	3	-18.1%	-71%	0.5%	1.8	40%	-67%	0.6%
Luxembourg	1	103%	-47%	0.3%	3.0	89%	-3.8%	1.0%
Italy	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Other	#REF!			#REF!	#REF!			#REF!
Total	537	4.9%	-28.6%	100%	291	30.6%	14.7%	100%

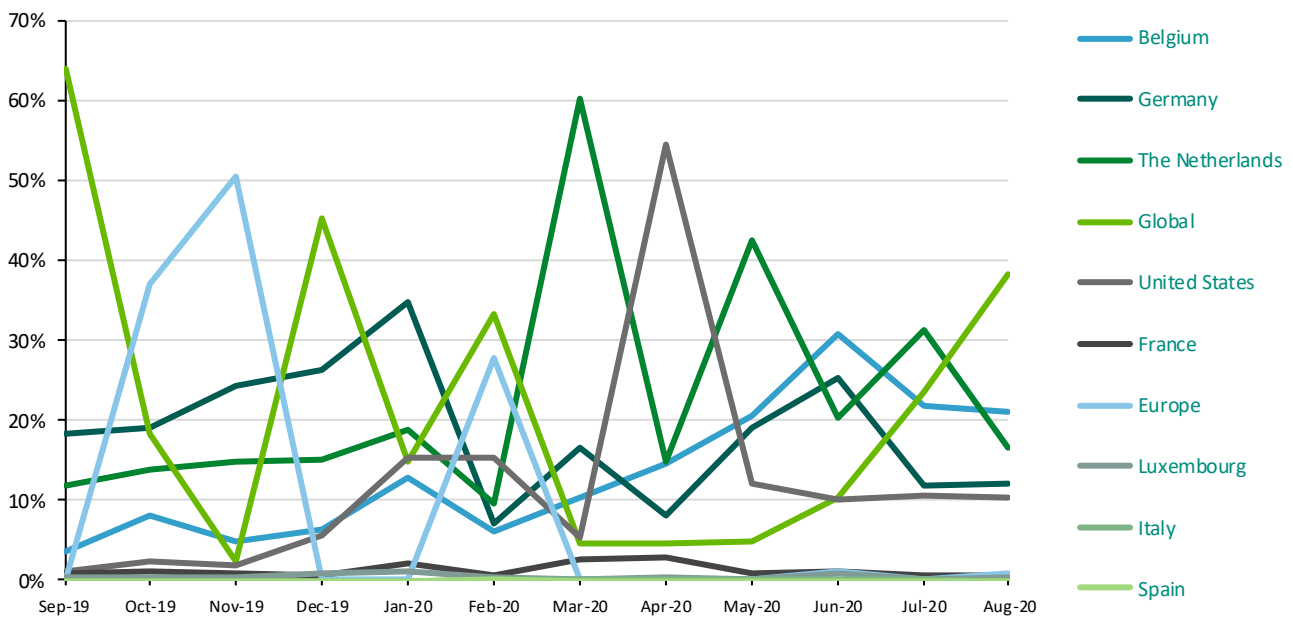
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

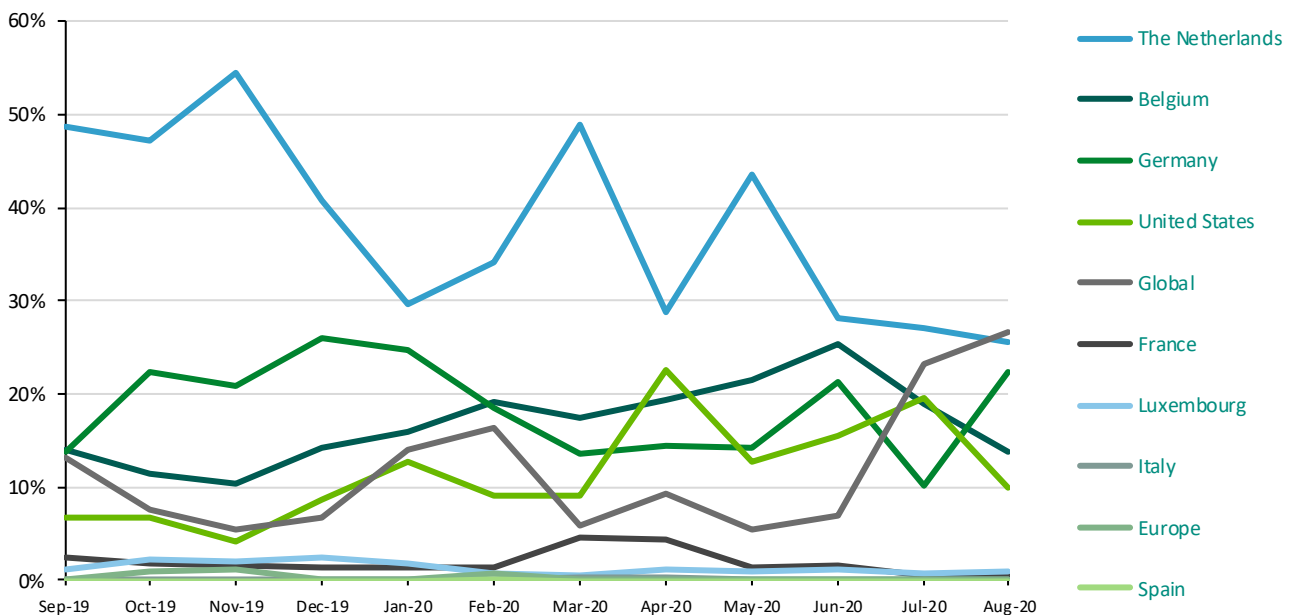
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

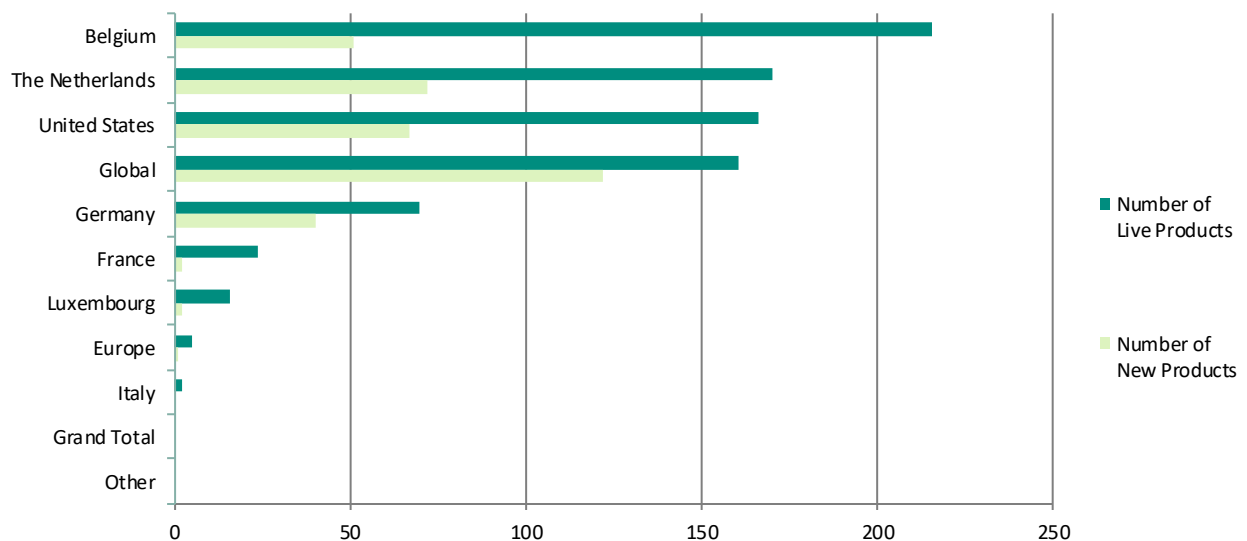
## Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Belgium	216	-7.7%	-6.1%	26.0%	51	24%	-12.8%	14.3%
The Netherlands	170	-1.4%	-3.9%	20.5%	72	2.9%	-9.2%	20.2%
United States	166	3.5%	11.1%	20.1%	67	-18.3%	-9.8%	18.8%
Global	161	18.1%	38%	19.4%	122	39%	78%	34.2%
Germany	69	-3.7%	5.0%	8.4%	40	-13.0%	-12.4%	11.2%
France	24	-14.3%	-46%	2.9%	2		-84%	0.6%
Luxembourg	15	-5.1%	9.7%	1.9%	2	100%	-63%	0.6%
Europe	5	-33%	-50%	0.6%	1	0.0%	-40%	0.3%
Italy	2	-32%	-46%	0.2%	0			0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Other	#REF!			#REF!	#REF!			#REF!
Total	828	-0.4%	1.8%	100%	357	8.5%	3.1%	100%

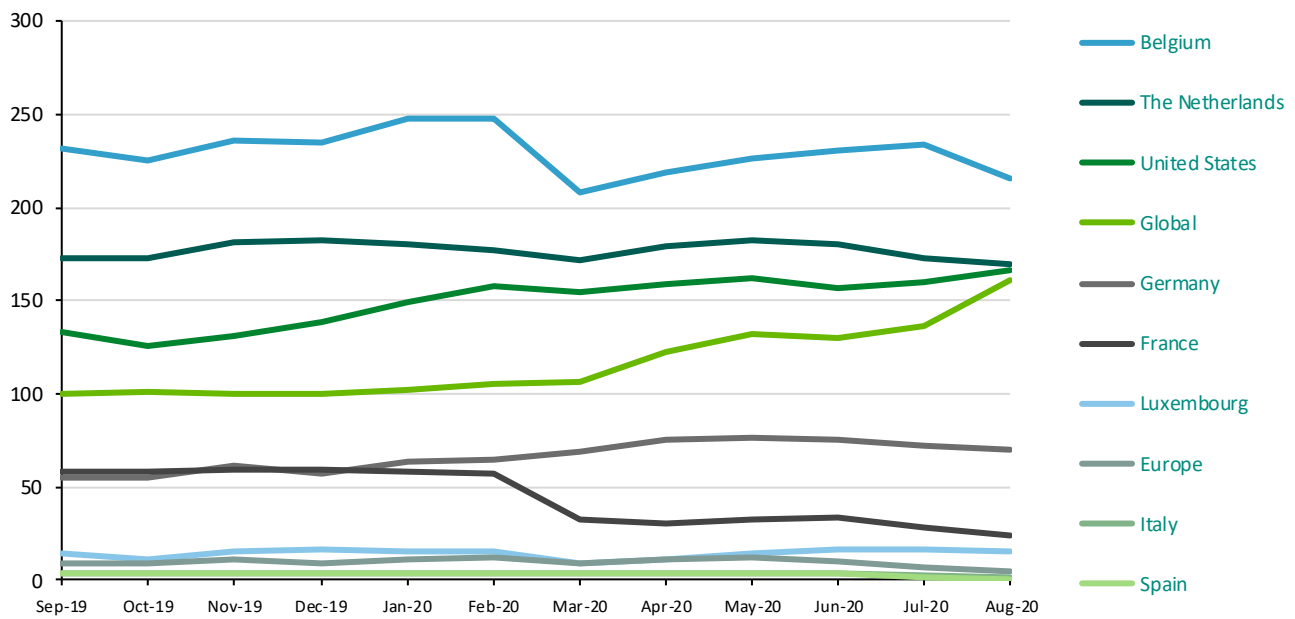
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

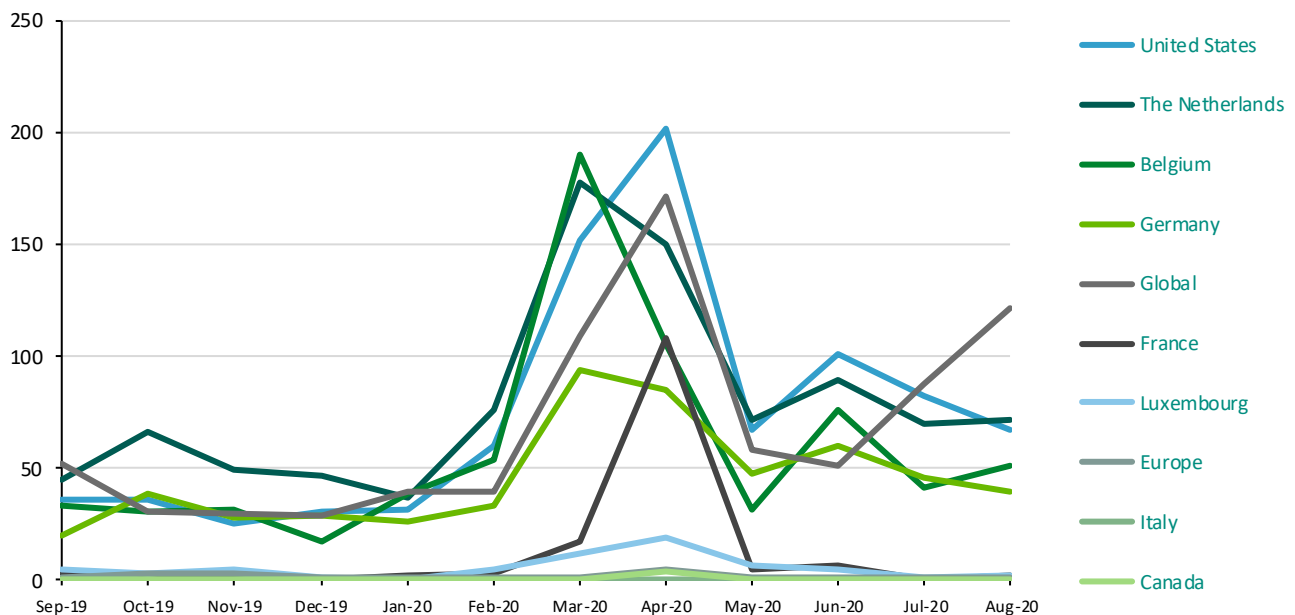
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

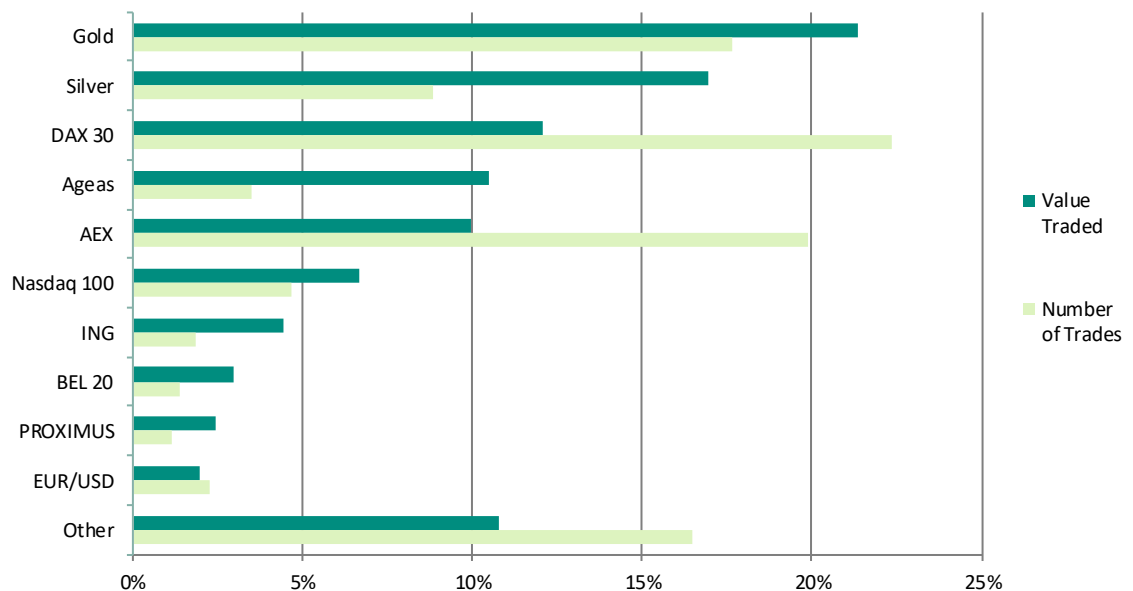
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Gold	115	82%	230%	21.3%	51	44.3%	211.7%	17.6%
Silver	91	78%	352%	17.0%	26	67%	247%	8.8%
DAX 30	65	7.3%	-51%	12.1%	65	190%	42%	22.4%
Ageas	56	-13.7%	167%	10.5%	10	-23%	124%	3.5%
AEX	54	-62%	-64%	10.0%	58	61%	-30%	19.9%
Nasdaq 100	36	78%	112%	6.6%	14	12.3%	91%	4.7%
ING	24	89%	235%	4.4%	5.4	-68%	-1.8%	1.8%
BEL 20	16	-1.5%	14.3%	2.9%	4.0	-50%	-51%	1.4%
PROXIMUS	13	28%	298%	2.4%	3.3	35%	101%	1.1%
EUR/USD	11	-51%	157%	2.0%	6.5	-39%	48%	2.2%
Other	58	12.5%	-84%	10.8%	48	-4.4%	-31%	16.5%
<b>Total</b>	<b>537</b>	<b>4.9%</b>	<b>-28.6%</b>	<b>100%</b>	<b>291</b>	<b>30.6%</b>	<b>14.7%</b>	<b>100%</b>

(Source Euronext)

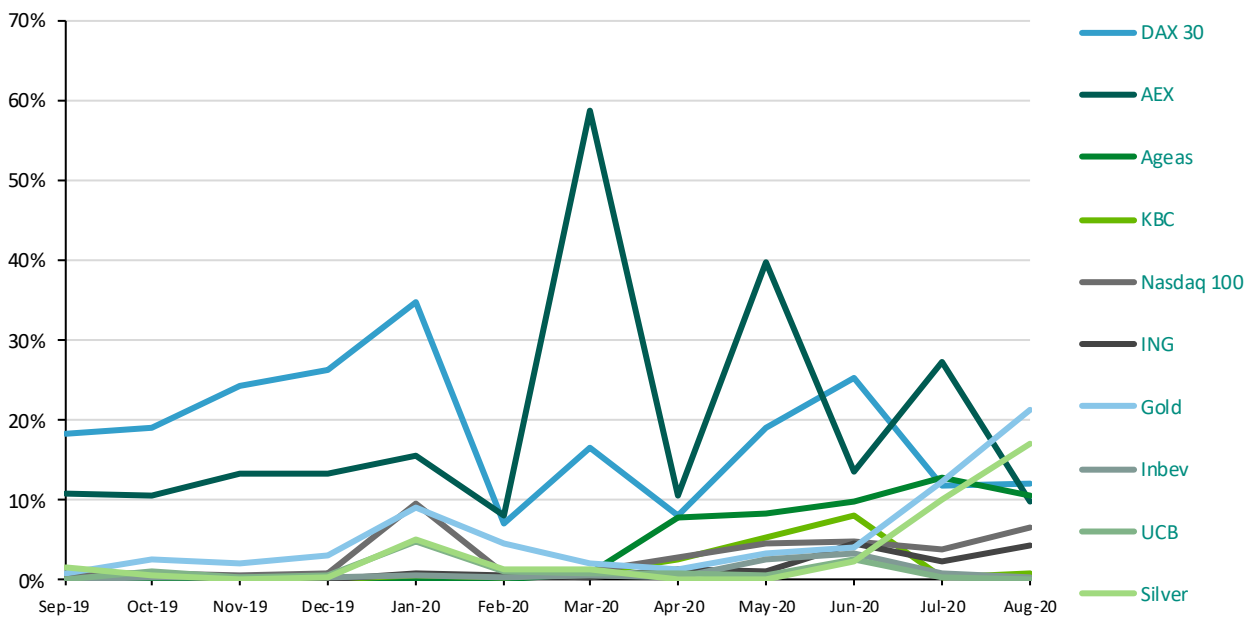




# TOP 10 UNDERLYINGS

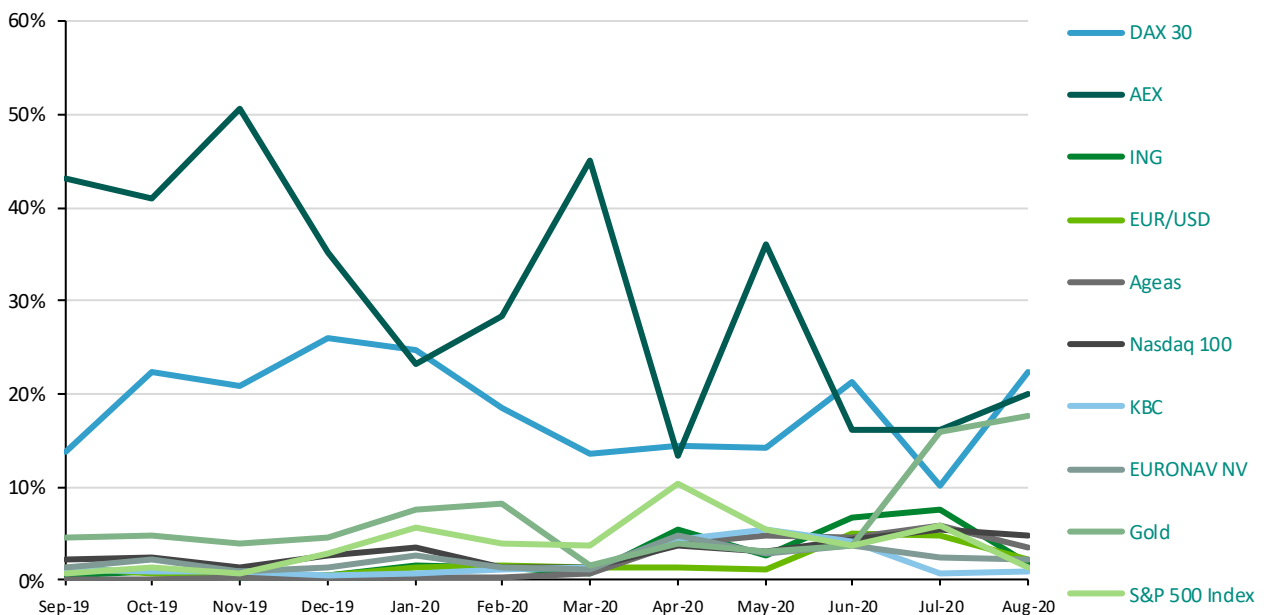
## Market Trend: Value traded

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

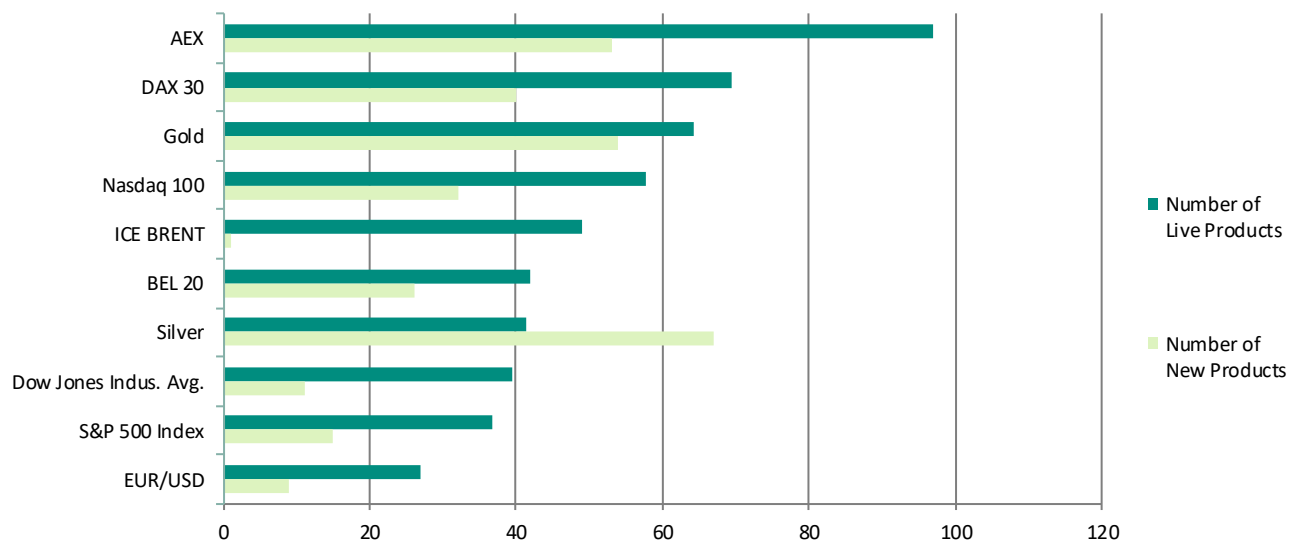
## Product Overview

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	97	-3.3%	-3.3%	11.7%	53	-11.7%	-14.2%	14.8%
DAX 30	69	-2.3%	8.0%	8.4%	40	-13.0%	-11.9%	11.2%
Gold	64	21%	40%	7.8%	54	50%	110%	15.1%
Nasdaq 100	58	13.3%	46%	7.0%	32	-32%	23%	9.0%
ICE BRENT	49	-3.1%	36%	5.9%	1	-50%	-95%	0.3%
BEL 20	42	4.4%	-4.4%	5.0%	26	30%	42%	7.3%
Silver	41	59%	64%	5.0%	67	34%	183%	18.8%
Dow Jones Indus. Avg.	40	-0.9%	12.7%	4.8%	11	-21%	-46%	3.1%
S&P 500 Index	37	3.9%	11.9%	4.4%	15	36%	-11.8%	4.2%
EUR/USD	27	13.5%	14.9%	3.3%	9	-10.0%	33%	2.5%
Other	304	-10.6%	-17.3%	36.7%	49	48%	-41%	13.7%
<b>Total</b>	<b>828</b>	<b>-0.4%</b>	<b>1.8%</b>	<b>100%</b>	<b>357</b>	<b>8.5%</b>	<b>3.1%</b>	<b>100%</b>

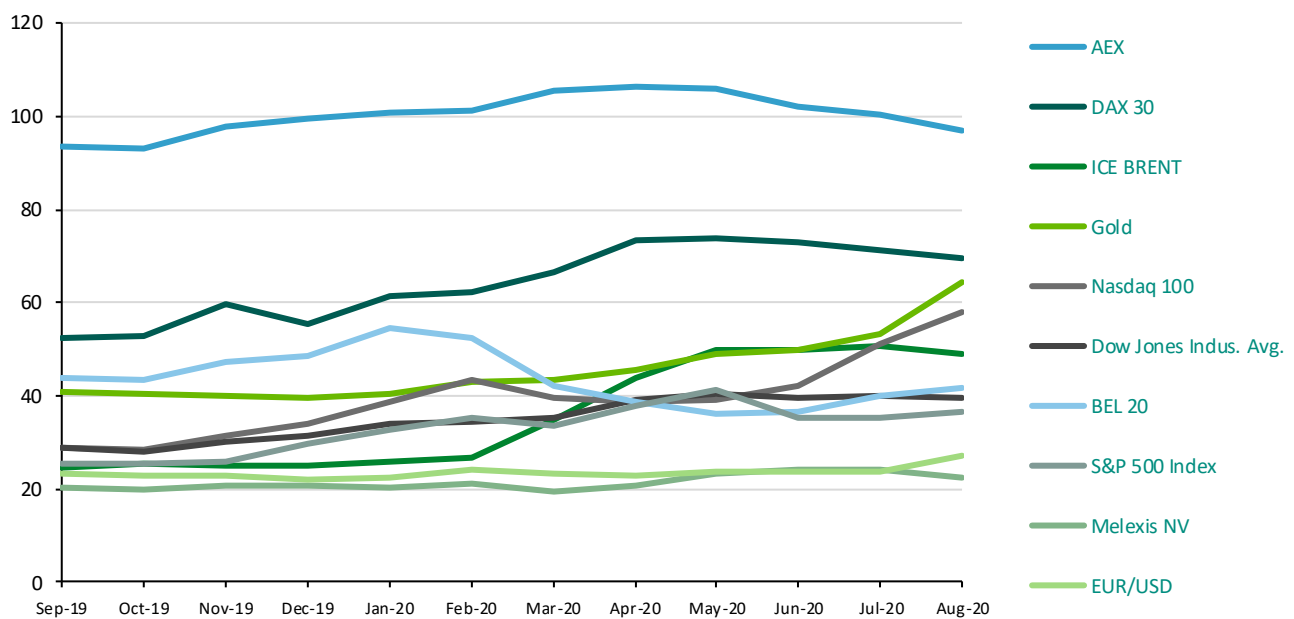
(Source Euronext)



# TOP 10 UNDERLYINGS

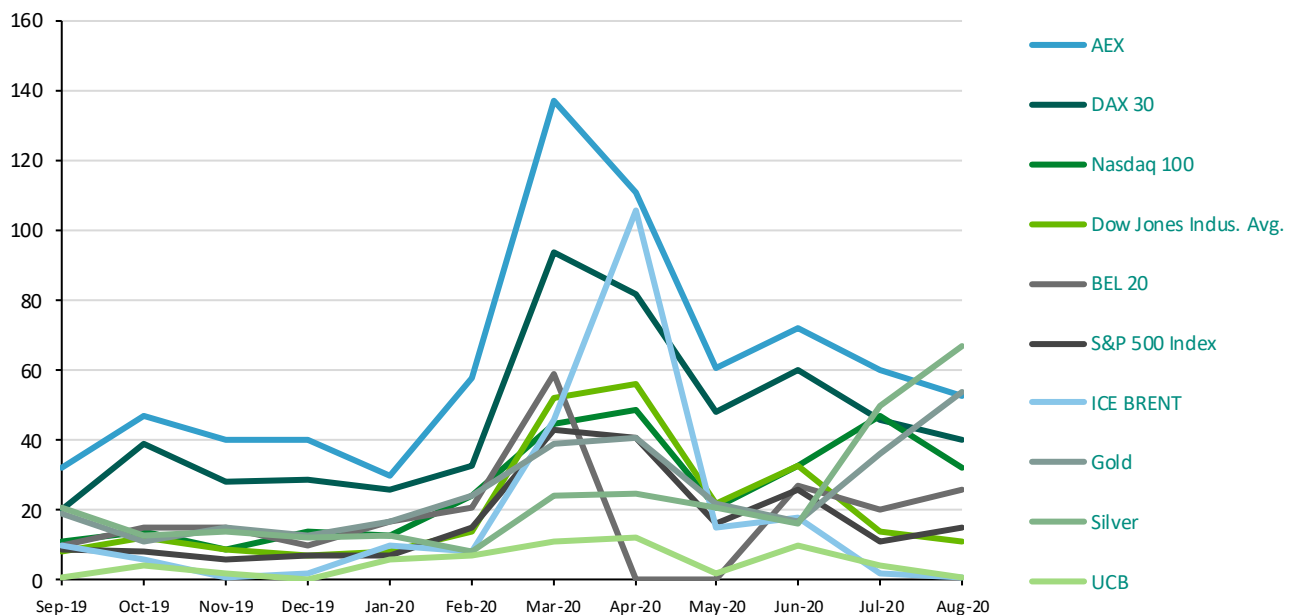
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer		Product Type	Underlying	Value Traded (in €k)	Nb of Trades
DE000SB4PE73	Société Générale	2205	Open-End Knock-Out Warrants	Gold	590	271
DE000SB3XTM7	Société Générale	2205	Open-End Knock-Out Warrants	Gold	535	151
DE000SB4AGM0	Société Générale	2205	Open-End Knock-Out Warrants	Silver	441	47
DE000SB0K2K7	Société Générale	2205	Open-End Knock-Out Warrants	ING	430	47
DE000SR8RGZ9	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	340	40
DE000CJ3LKX8	Société Générale	2205	Open-End Knock-Out Warrants	AEX	326	18
DE000SB4QZR5	Société Générale	2205	Open-End Knock-Out Warrants	Silver	304	39
DE000SB3XUE2	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	291	135
DE000SB4A1Z5	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	289	61
DE000SB3BYH3	Société Générale	2205	Open-End Knock-Out Warrants	AEX	270	814
DE000CL3ZAE5	Société Générale	2205	Open-End Knock-Out Warrants	PROXIMUS	261	47
DE000SB3BYL5	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	260	100
DE000SB4QZP9	Société Générale	2205	Open-End Knock-Out Warrants	Gold	250	102
DE000CJ3K852	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	217	809
DE000SB36R89	Société Générale	2205	Open-End Knock-Out Warrants	Silver	206	80
DE000SB3U9P6	Société Générale	2205	Open-End Knock-Out Warrants	EUR/USD	194	78
DE000SB3GBQ1	Société Générale	2205	Open-End Knock-Out Warrants	BEL 20	187	41
DE000SB3XTR6	Société Générale	2205	Open-End Knock-Out Warrants	Silver	179	51
DE000SB3XTZ9	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	178	40
DE000SB3XTP0	Société Générale	2205	Open-End Knock-Out Warrants	Silver	161	14
DE000SB4MSQ1	Société Générale	2205	Open-End Knock-Out Warrants	Gold	147	28
DE000SB34B06	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	143	27
DE000CJ3M8D1	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	136	47
DE000SB2GDX5	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	128	22
DE000SB36RZ0	Société Générale	2205	Open-End Knock-Out Warrants	Gold	128	85
DE000SB2FXW7	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	123	2
DE000SB4H1H6	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	122	73
DE000SB34BQ8	Société Générale	2205	Open-End Knock-Out Warrants	AEX	121	60
DE000SB3U9R2	Société Générale	2205	Open-End Knock-Out Warrants	Gold	121	49
DE000SB4JW87	Société Générale	2205	Open-End Knock-Out Warrants	Gold	107	6
DE000SB1SX21	Société Générale	2205	Open-End Knock-Out Warrants	Gold	103	3
DE000SB3CZ41	Société Générale	2205	Open-End Knock-Out Warrants	Gold	101	40
DE000SB4HAG0	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	87	27
DE000SB3U9M3	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	86	44
LU2063488956	KBC	1260	Express Certificates	EURO STOXX 30 SELECT DIVIDEN	85	1
DE000SB4R4A3	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	82	13
DE000SB4A2B4	Société Générale	2205	Open-End Knock-Out Warrants	DAX 30	81	23
DE000CL80TY0	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	80	15
DE000CL3ZHN1	Société Générale	2205	Open-End Knock-Out Warrants	Ageas	79	7
DE000SB4Q6H4	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	71	43
DE000SB3BX69	Société Générale	2205	Open-End Knock-Out Warrants	Silver	70	13
DE000SB4HAV9	Société Générale	2205	Open-End Knock-Out Warrants	Nasdaq 100	70	4
DE000SB3XUB8	Société Générale	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	67	25
DE000SB34BP0	Société Générale	2205	Open-End Knock-Out Warrants	AEX	65	35
DE000SB34BN5	Société Générale	2205	Open-End Knock-Out Warrants	AEX	59	27
DE000SB4JXA1	Société Générale	2205	Open-End Knock-Out Warrants	Silver	59	36
DE000SR8KIX9	Société Générale	2205	Open-End Knock-Out Warrants	Umicore	57	29
DE000SB2LLP4	Société Générale	2205	Open-End Knock-Out Warrants	Silver	57	23
DE000SB3BX28	Société Générale	2205	Open-End Knock-Out Warrants	Gold	56	26
DE000CJ3MYP3	Société Générale	2210	Mini-Futures	BEL 20	55	2

(Source Euronext)



# Euroclear France Instruments

# ISSUERS

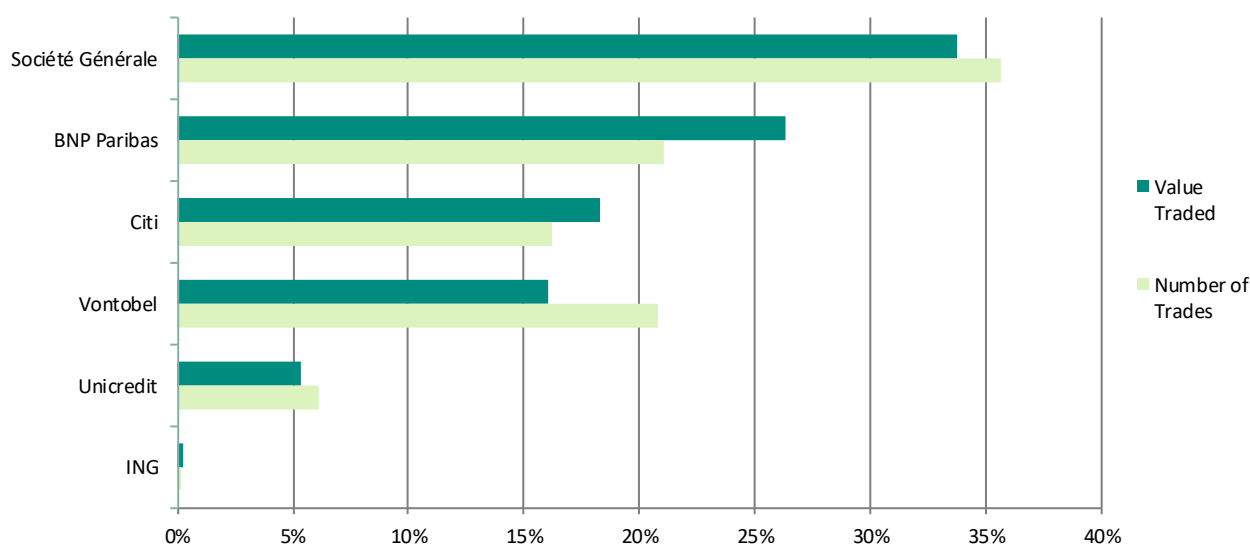
## Market Overview

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	5,734	-5.0%	-6.2%	33.7%	2,310	-10.9%	8.0%	35.7%
BNP Paribas	4,471	-26%	-25%	26.3%	1,365	-12.3%	-15.1%	21.1%
Citi	3,112	16.2%	44%	18.3%	1,049	-3.3%	11.5%	16.2%
Vontobel	2,725	39%	22%	16.0%	1,348	50.3%	31.4%	20.8%
Unicredit	913	-24%	-6.8%	5.4%	397	-22.5%	-11.4%	6.1%
ING	35	-52%	-56%	0.2%	7.1	7.4%	-72.8%	0.1%
<b>Total</b>	<b>16,989</b>	<b>-5.4%</b>	<b>-12.6%</b>	<b>100%</b>	<b>6,476</b>	<b>-2.6%</b>	<b>-7.9%</b>	<b>100%</b>

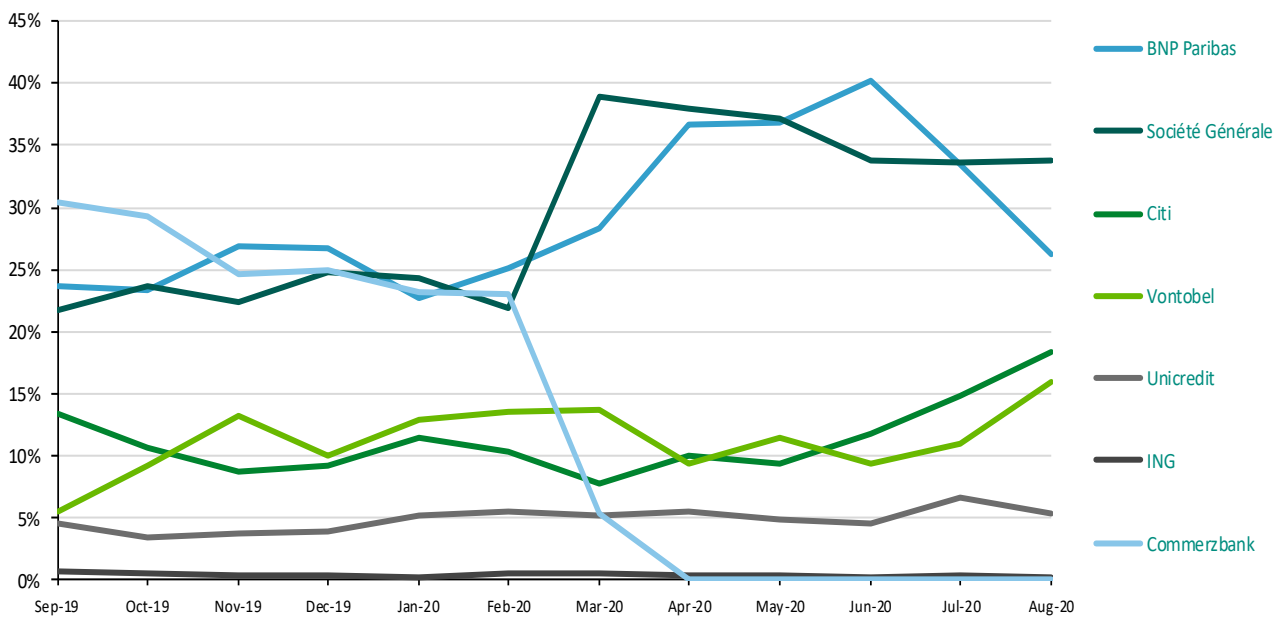
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# ISSUERS

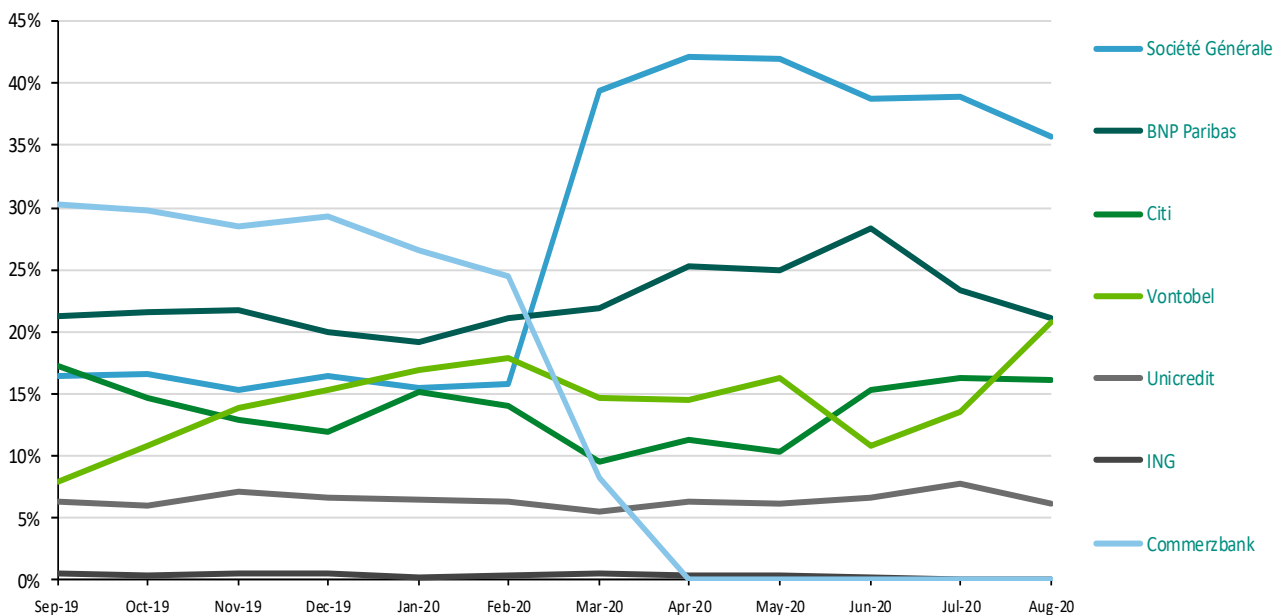
## Market Trend: Value traded

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



## Market Trend: Number of trades

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





# ISSUERS

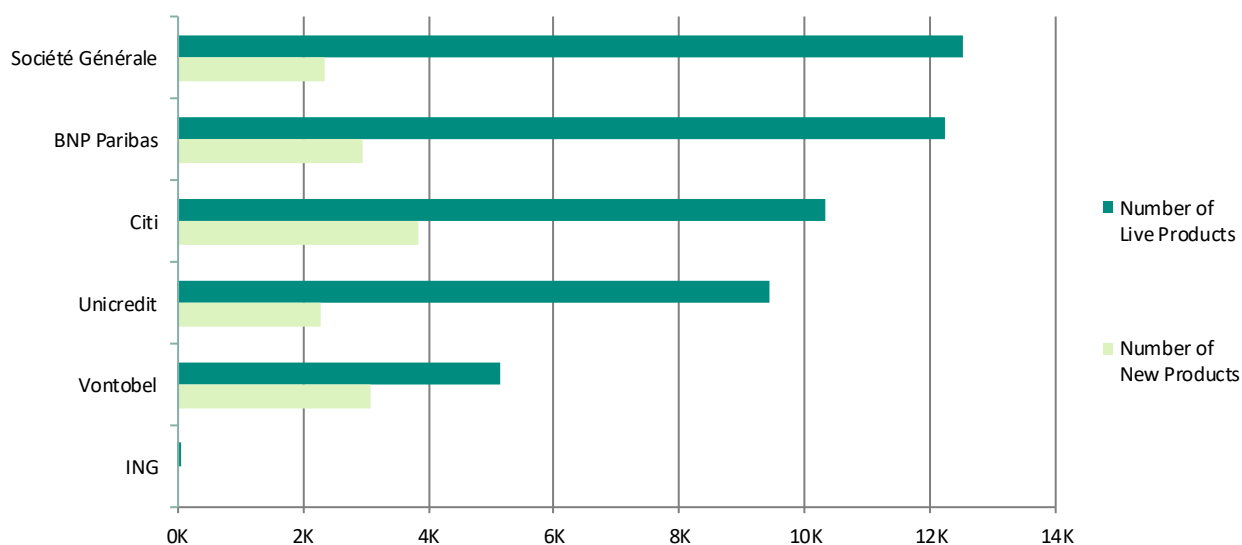
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	12,529	-2.1%	13.4%	25.2%	2,337	-12.1%	-46%	16.2%
BNP Paribas	12,241	8.5%	15.2%	24.6%	2,954	18.1%	-16.8%	20.4%
Citi	10,342	5.6%	8.3%	20.8%	3,845	-7.2%	1.0%	26.6%
Unicredit	9,430	0.0%	5.8%	19.0%	2,270	11.6%	-15.5%	15.7%
Vontobel	5,132	15.8%	15.9%	10.3%	3,062	-36%	-4.0%	21.2%
ING	43	-18.6%	-86%	0.1%	0		-100%	0.0%
<b>Total</b>	<b>49,717</b>	<b>4.0%</b>	<b>-1.1%</b>	<b>100%</b>	<b>14,468</b>	<b>-10.3%</b>	<b>-22.4%</b>	<b>100%</b>

(Source Euronext)

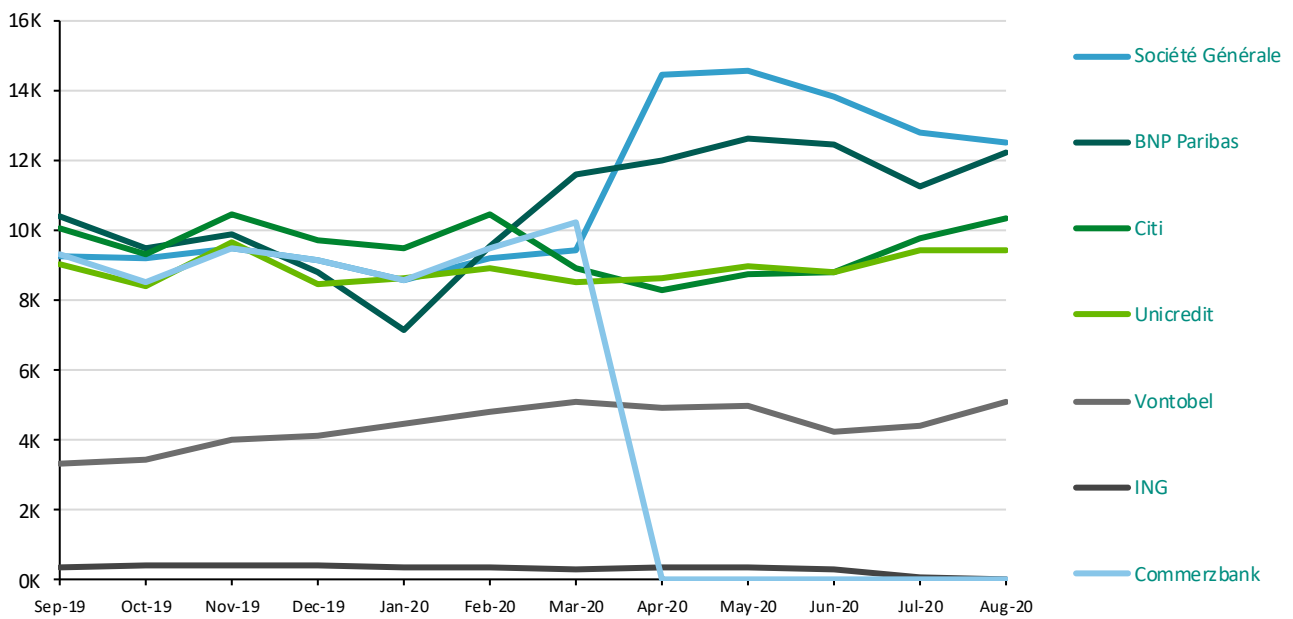




# ISSUERS

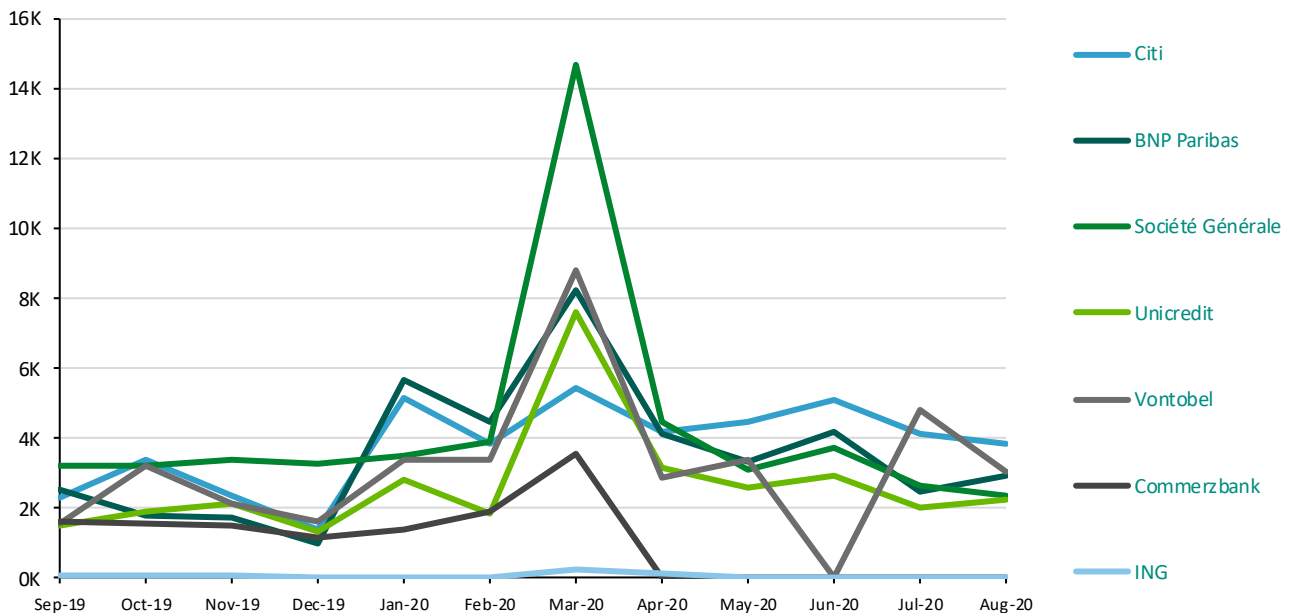
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

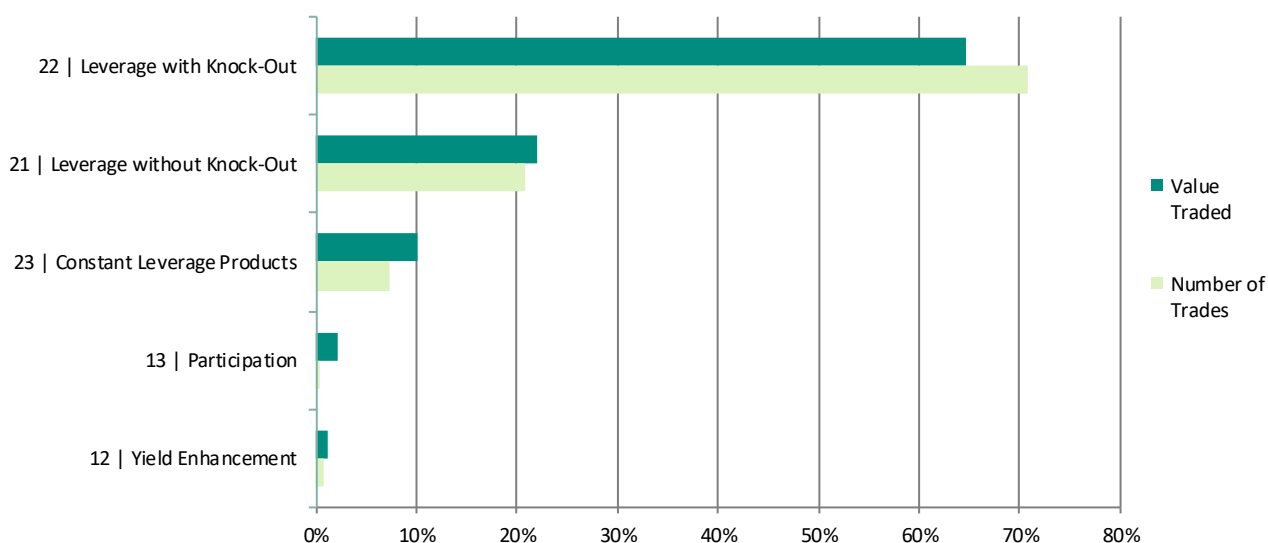
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	10,990	1.1%	-3.1%	64.7%	4,583	1.3%	-1.6%	70.8%
21   Leverage without Knock-Out	3,722	-16.2%	-25%	21.9%	1,353	-8.6%	-12.1%	20.9%
23   Constant Leverage Products	1,700	-12.3%	-26%	10.0%	469	-17.3%	-32.2%	7.2%
13   Participation	377	-13.6%	-28%	2.2%	28	16.6%	-69.6%	0.4%
12   Yield Enhancement	200	-26%	-39%	1.2%	43	-18.5%	-16.8%	0.7%
<b>Total</b>	<b>16,989</b>	<b>-5.4%</b>	<b>-12.6%</b>	<b>100%</b>	<b>6,476</b>	<b>-2.6%</b>	<b>-7.9%</b>	<b>100%</b>

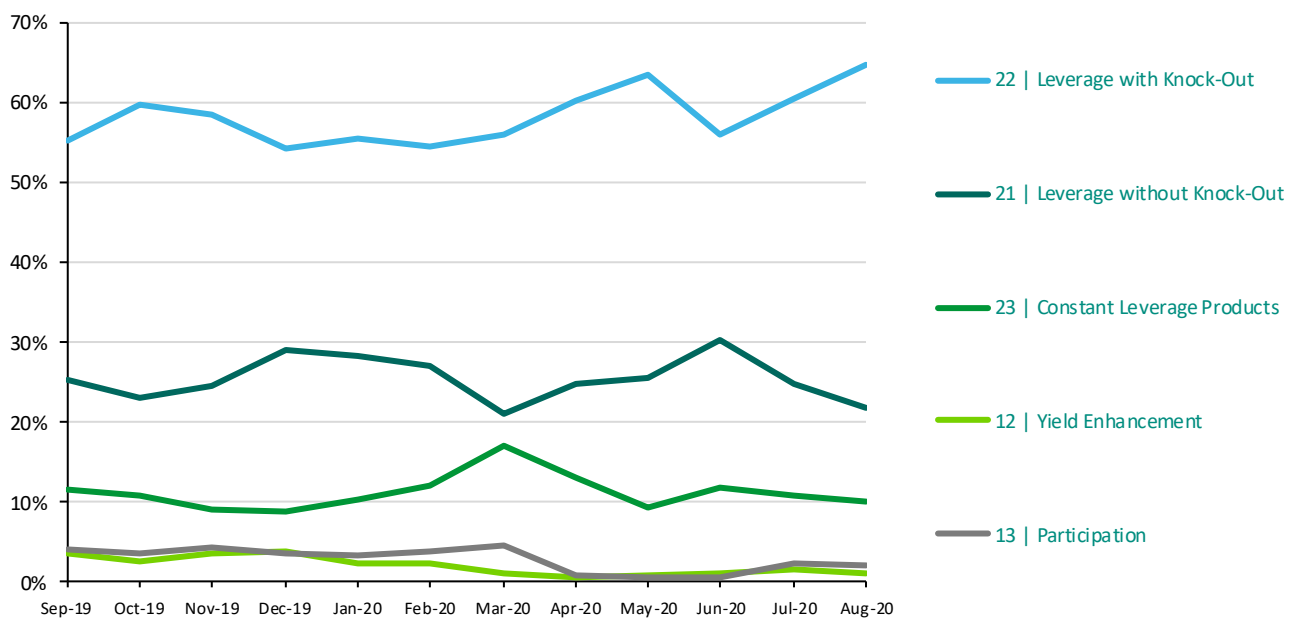
(Source Euronext)



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

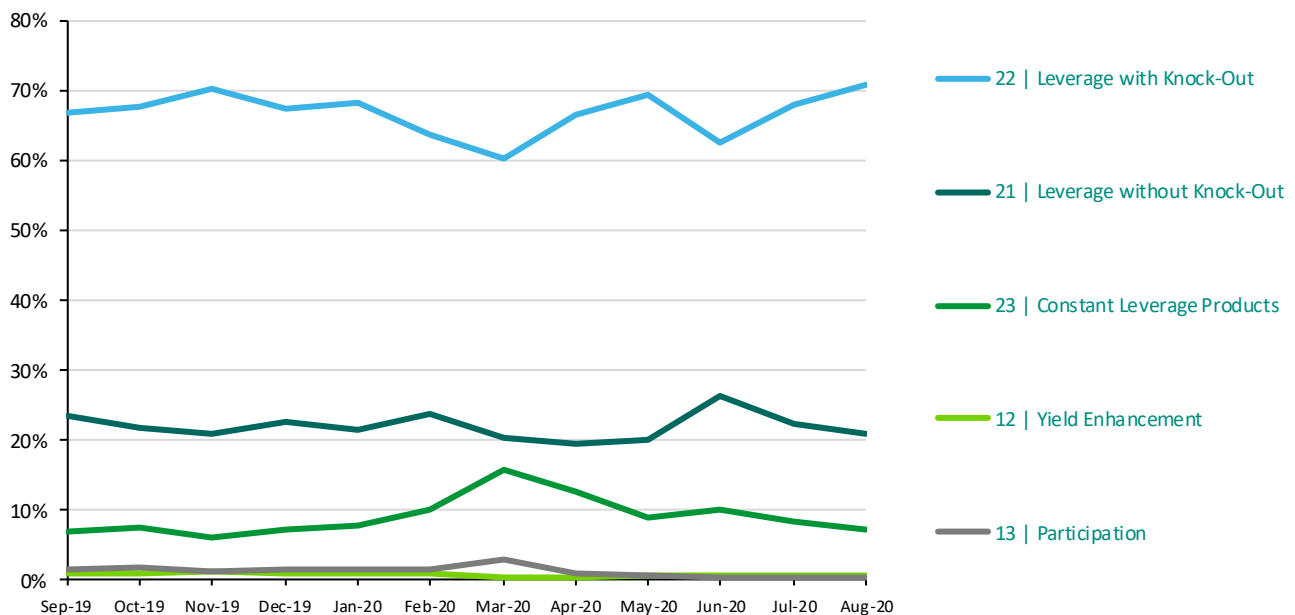
## Market Trend: Value traded

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)

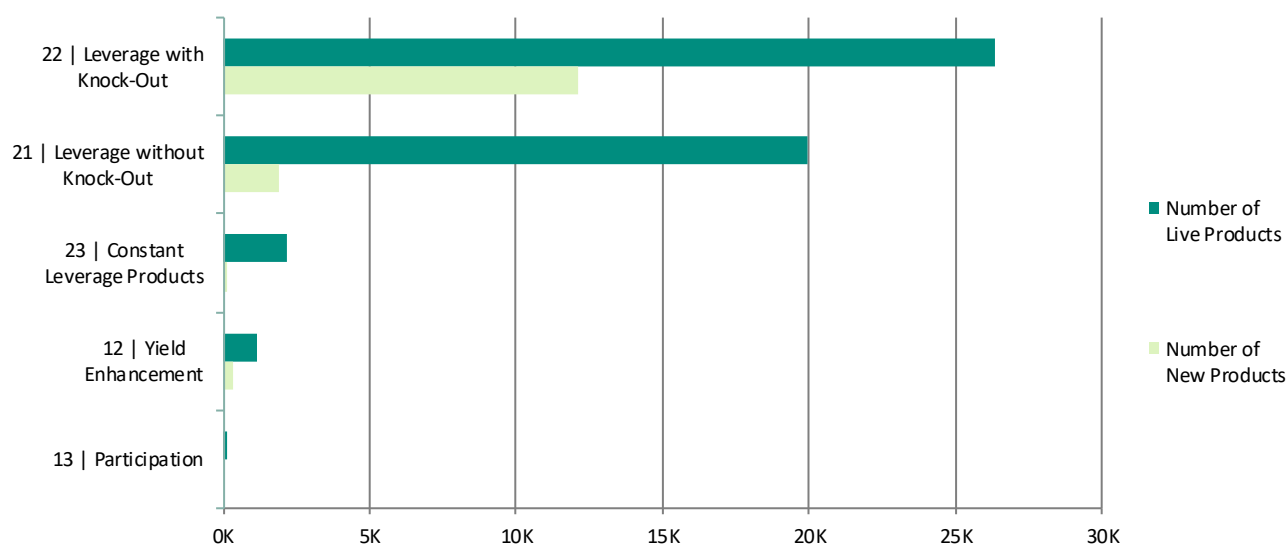
### Product Overview

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	26,355	3.0%	3.9%	53.0%	12,142	3.7%	-14.3%	83.9%
21   Leverage without Knock-Out	19,941	7.3%	-7.0%	40.1%	1,880	-50%	-52%	13.0%
23   Constant Leverage Products	2,140	-4.6%	12.3%	4.3%	108	-75%	-68%	0.7%
12   Yield Enhancement	1,142	-7.0%	-22%	2.3%	338	77%	39%	2.3%
13   Participation	140	-6.3%	7.8%	0.3%	0	-100%	-100%	0.0%
<b>Total</b>	<b>49,717</b>	<b>4.0%</b>	<b>-1.1%</b>	<b>100%</b>	<b>14,468</b>	<b>-10.3%</b>	<b>-22.4%</b>	<b>100%</b>

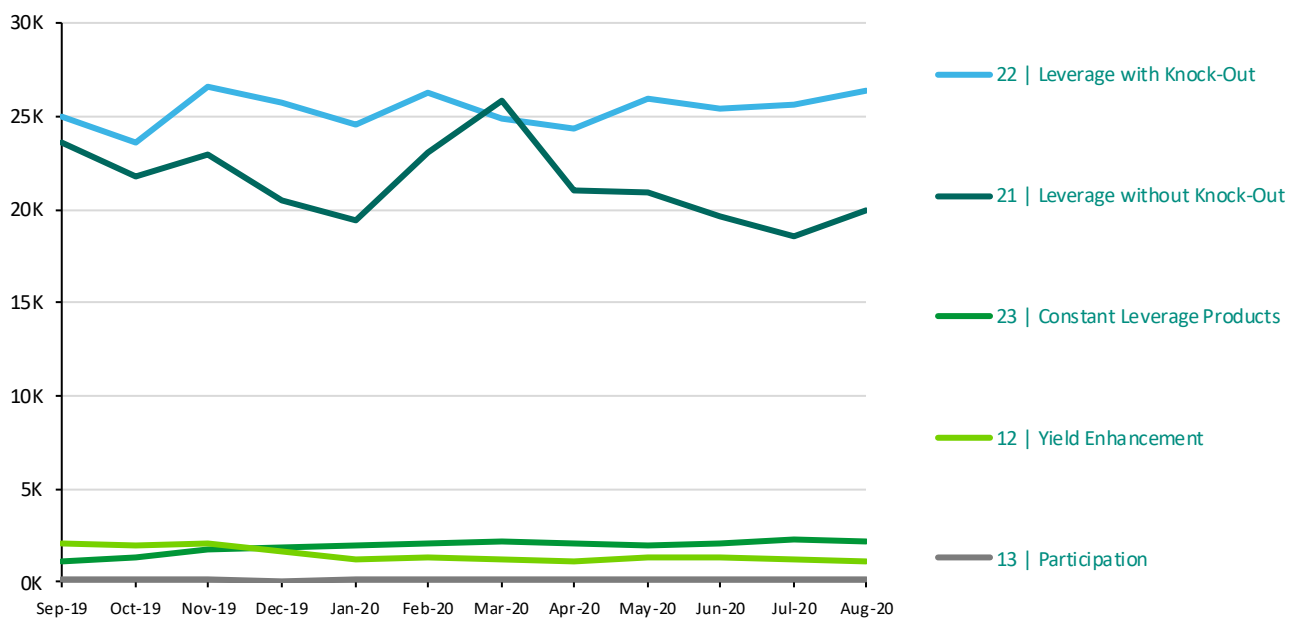
(Source Euronext)



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

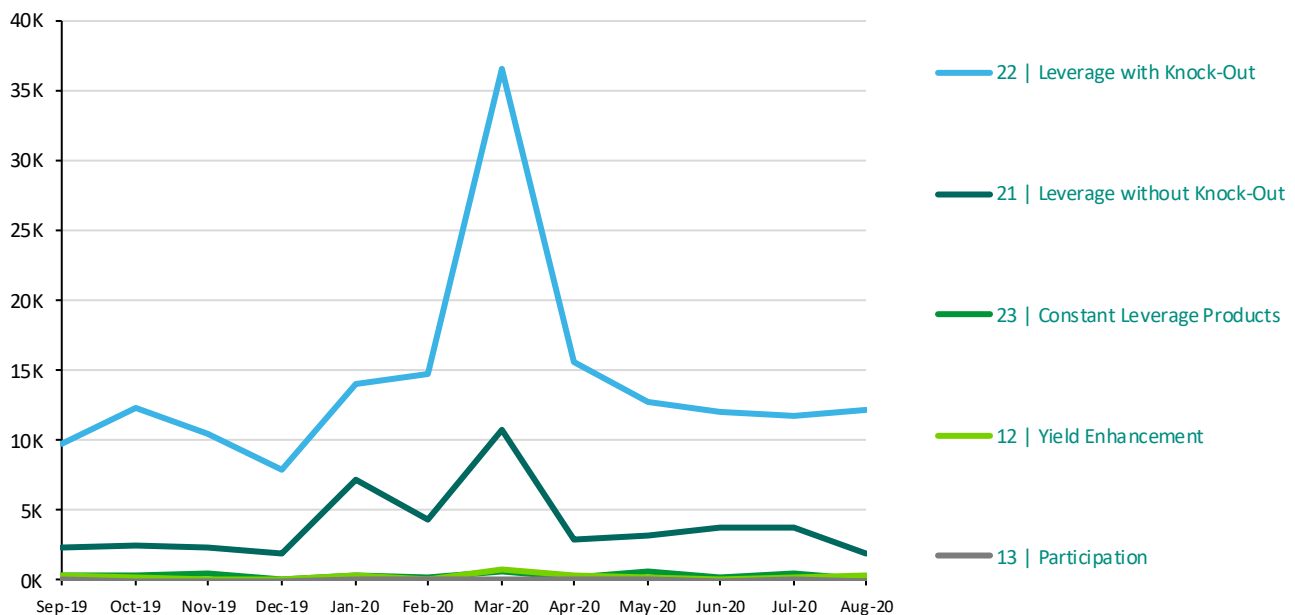
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

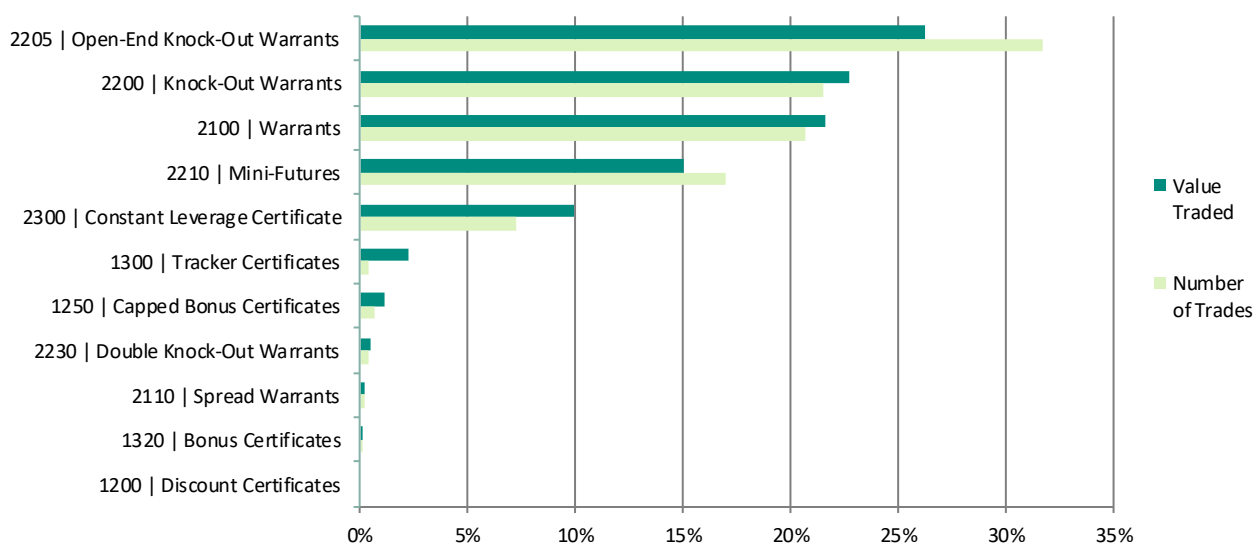
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205   Open-End Knock-Out Warrants	4,466	-5.7%	-1.4%	26.3%	2,056	9.4%	11.2%	31.7%
2200   Knock-Out Warrants	3,872	18.5%	7.4%	22.8%	1,397	-2.5%	-5.9%	21.6%
2100   Warrants	3,679	-15.7%	-24%	21.7%	1,340	-8.2%	-11.6%	20.7%
2210   Mini-Futures	2,565	-7.7%	-17.4%	15.1%	1,101	-6.5%	-14.3%	17.0%
2300   Constant Leverage Certificate	1,700	-12.3%	-26%	10.0%	469	-17.3%	-32%	7.2%
1300   Tracker Certificates	377	-13.2%	-28%	2.2%	28	18.1%	-70%	0.4%
1250   Capped Bonus Certificates	200	-26%	-39%	1.2%	43	-18.5%	-16.5%	0.7%
2230   Double Knock-Out Warrants	88	1.1%	-16.4%	0.5%	29	-15.9%	-22%	0.5%
2110   Spread Warrants	43	-42%	-60%	0.3%	13	-39%	-43%	0.2%
1320   Bonus Certificates	0	-94%	-94%	0.0%	0.0	-86%	-84%	0.0%
1200   Discount Certificates	0		-100%	0.0%	0.0		-100%	0.0%
<b>Total</b>	<b>16,989</b>	<b>-5.4%</b>	<b>-12.6%</b>	<b>100%</b>	<b>6,476</b>	<b>-2.6%</b>	<b>-7.9%</b>	<b>100%</b>

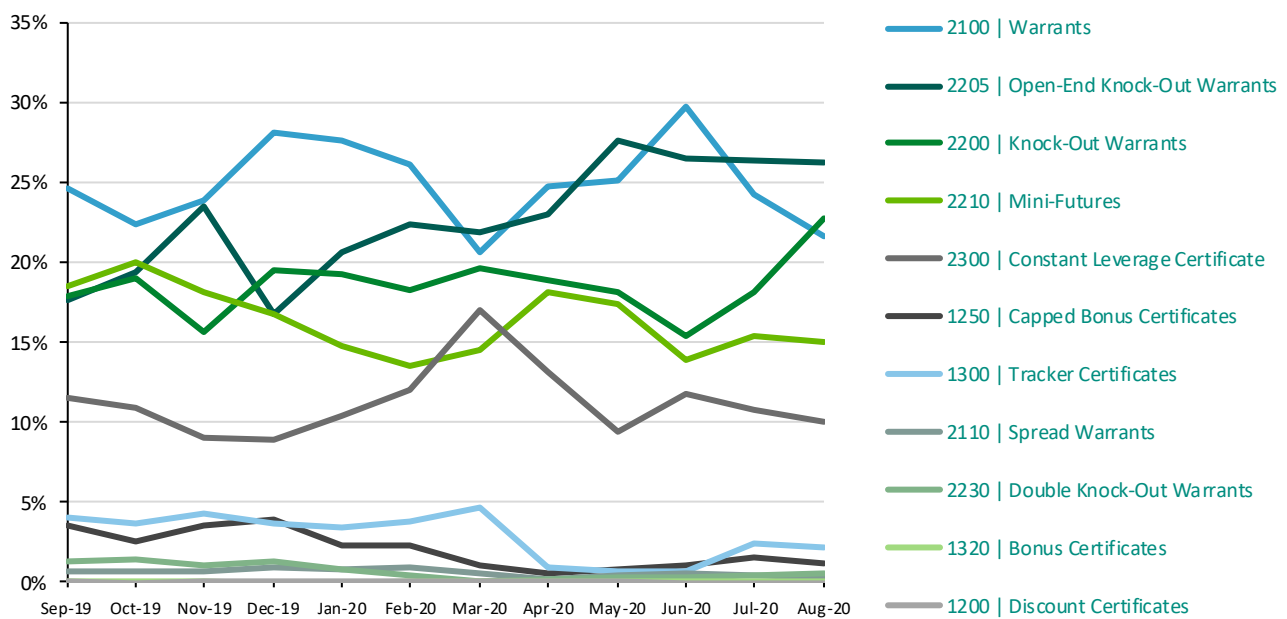
(Source Euronext)



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

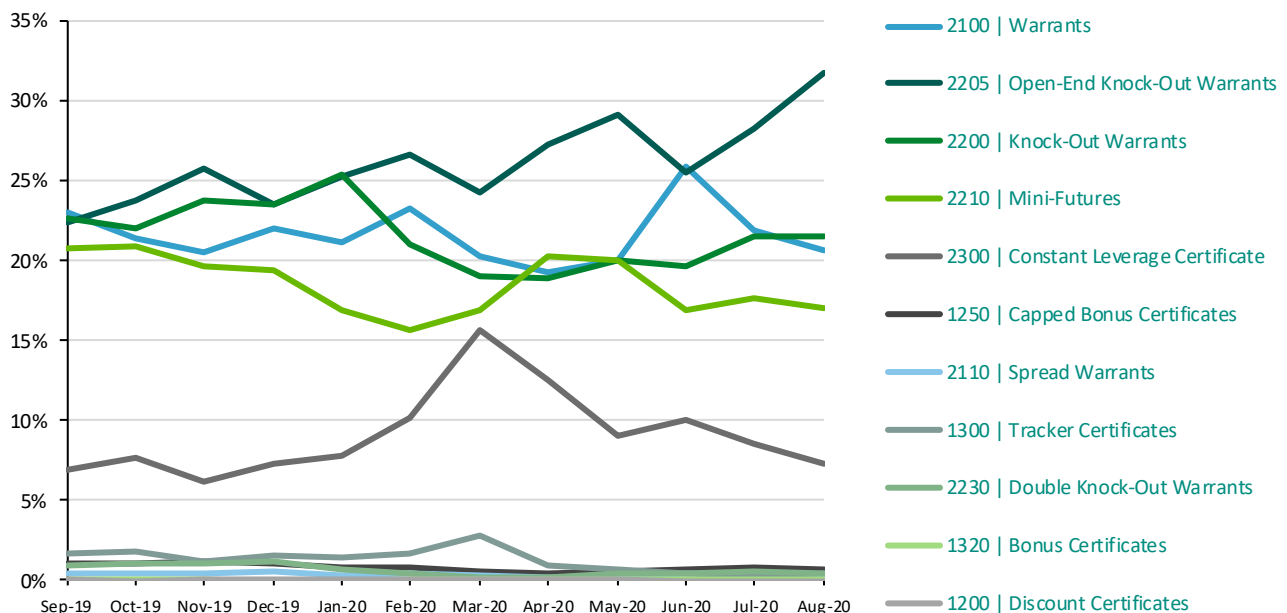
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

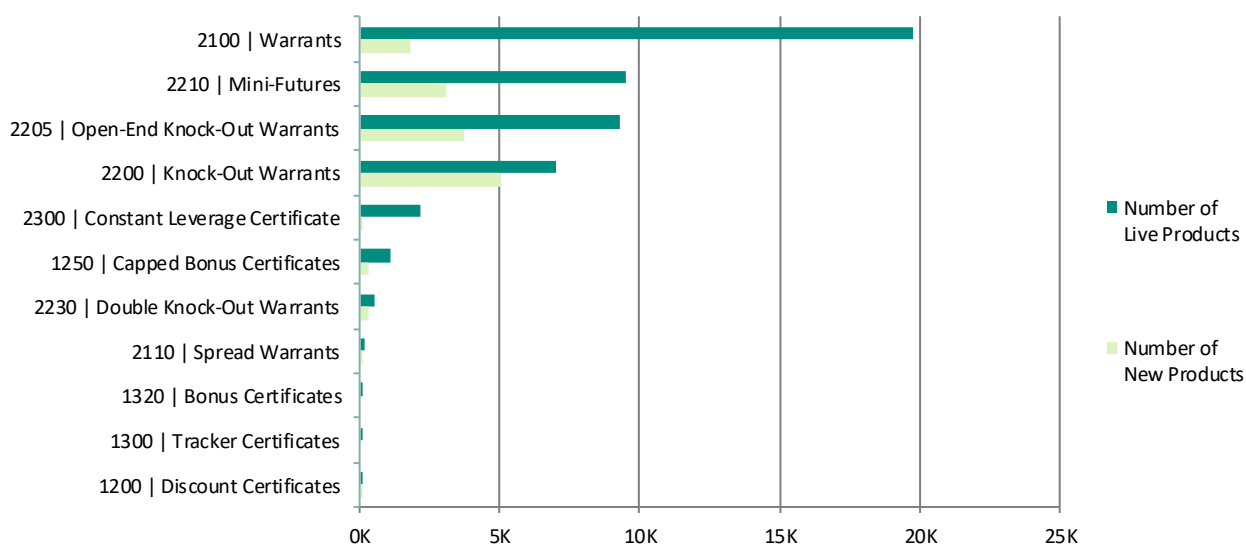
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	19,790	7.3%	-7.0%	39.8%	1,841	-51%	-52%	12.7%
2210   Mini-Futures	9,478	-0.5%	5.8%	19.1%	3,083	4.3%	-15.5%	21.3%
2205   Open-End Knock-Out Warrants	9,321	0.9%	7.6%	18.7%	3,733	5.4%	-9.1%	25.8%
2200   Knock-Out Warrants	7,018	10.4%	-1.4%	14.1%	5,002	-3.6%	-18.6%	34.6%
2300   Constant Leverage Certificate	2,140	-4.6%	12.3%	4.3%	108	-75%	-68%	0.7%
1250   Capped Bonus Certificates	1,096	-5.1%	-21%	2.2%	302	58%	31%	2.1%
2230   Double Knock-Out Warrants	538	18.2%	-13.2%	1.1%	324	NA	25%	2.2%
2110   Spread Warrants	151	-0.5%	-1.7%	0.3%	39	56%	-15.4%	0.3%
1320   Bonus Certificates	90	-10.5%	57%	0.2%	0	-100%	-100%	0.0%
1300   Tracker Certificates	51	2.0%	-31%	0.1%	0		-100%	0.0%
1200   Discount Certificates	46	-37%	-33%	0.1%	36		168%	0.2%
<b>Total</b>	<b>49,717</b>	<b>4.0%</b>	<b>-1.1%</b>	<b>100%</b>	<b>14,468</b>	<b>-10.3%</b>	<b>-22.4%</b>	<b>100%</b>

(Source Euronext)

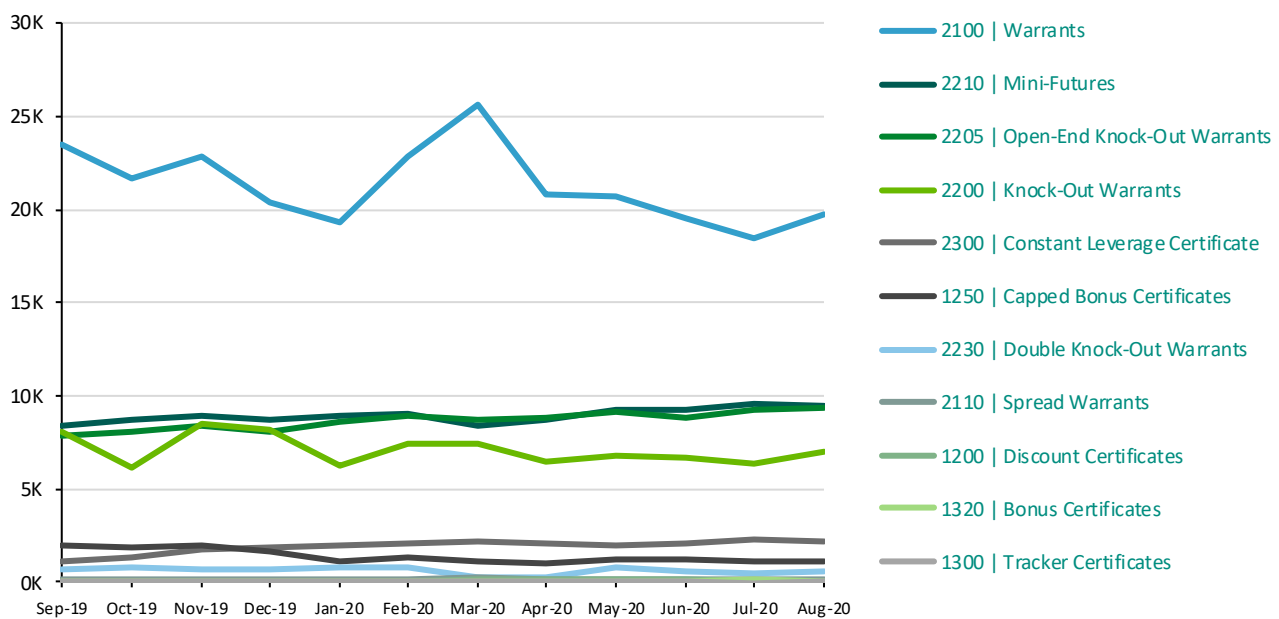




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 3)

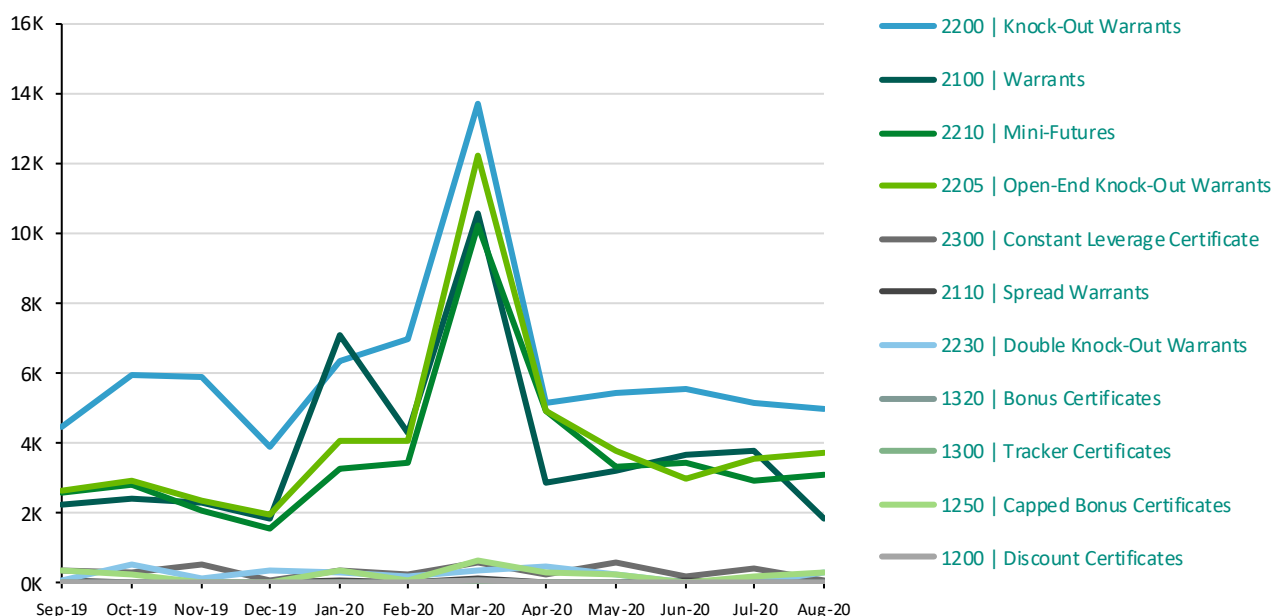
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# PRODUCT STRATEGIES

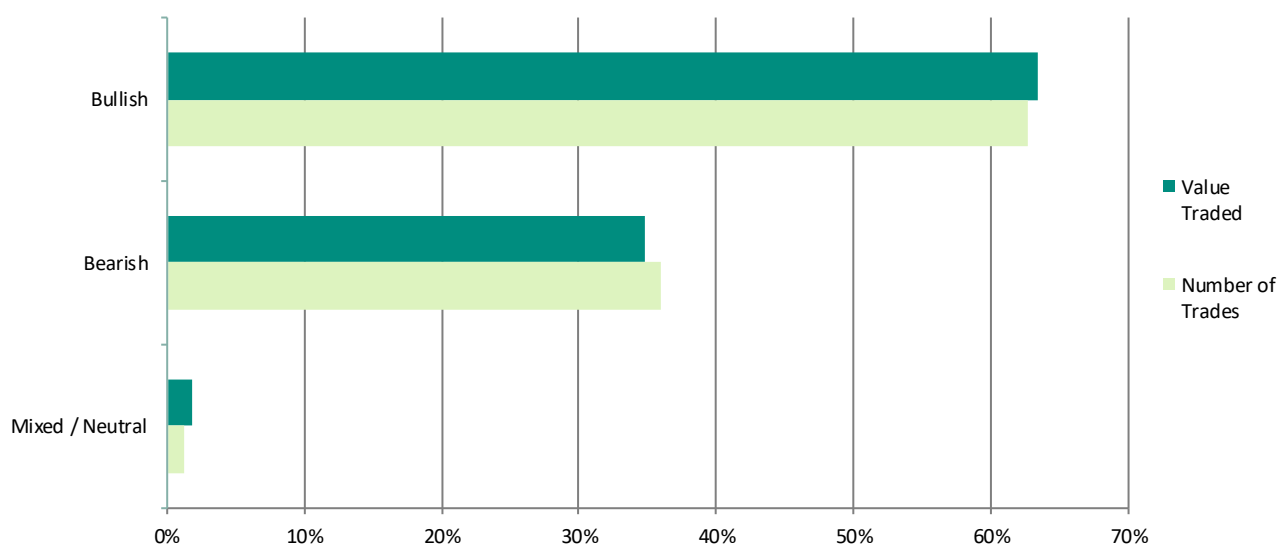
## Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	10,774	-4.5%	-8.8%	63.4%	4,063	1.1%	-2.4%	62.7%
Bearish	5,906	-5.9%	-16.8%	34.8%	2,334	-7.8%	-15.4%	36.0%
Mixed / Neutral	310	-22%	-42%	1.8%	79	-22%	-29%	1.2%
Total	16,989	-5.4%	-12.6%	100%	6,476	-2.6%	-7.9%	100%

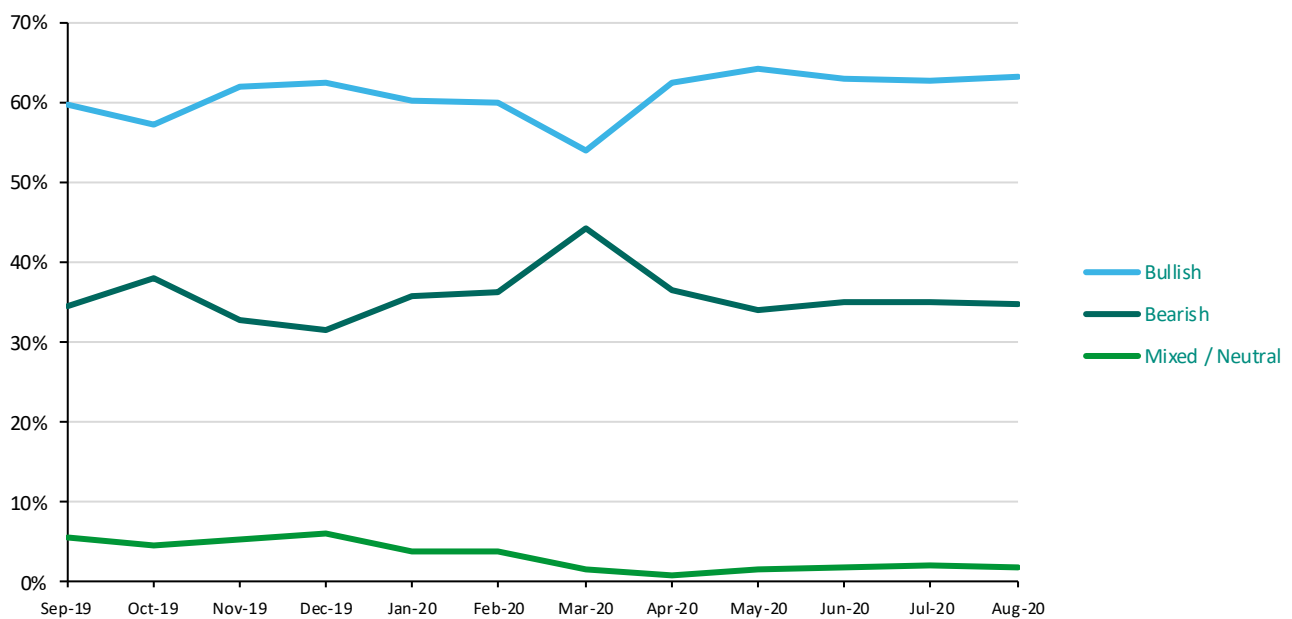
(Source Euronext)



# PRODUCT STRATEGIES

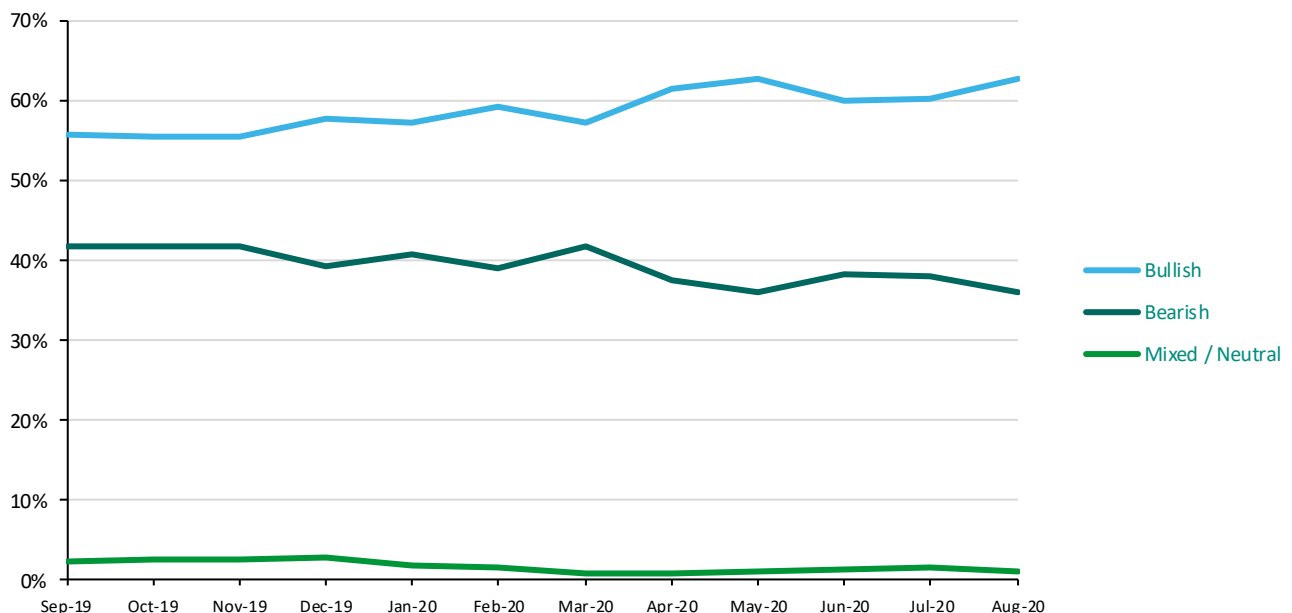
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

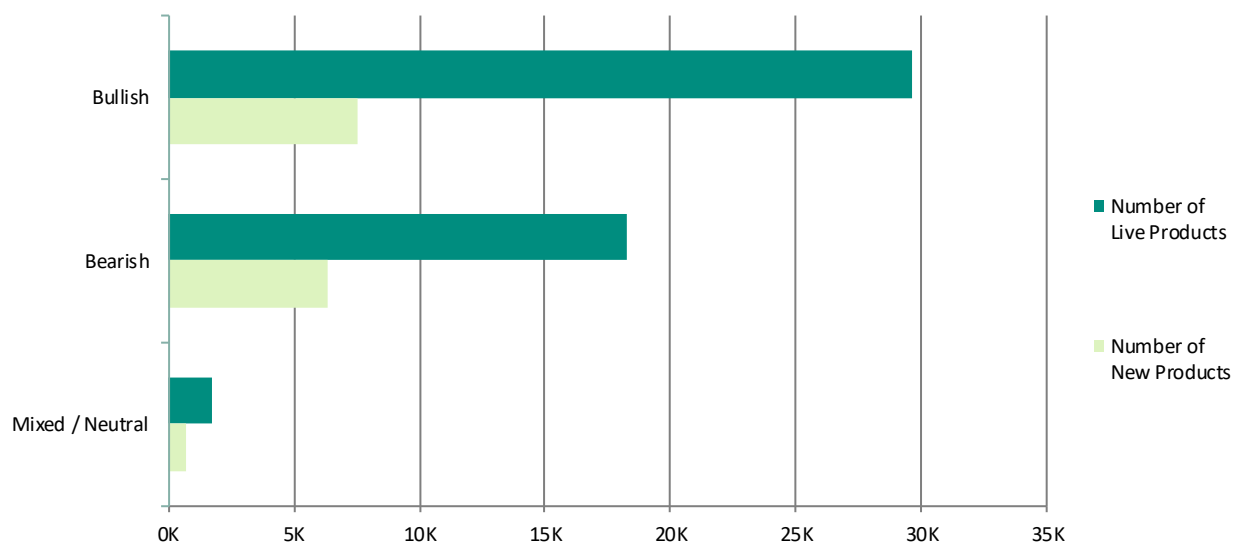
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	29,667	2.8%	3.7%	59.7%	7,501	-7.7%	-25%	51.8%
Bearish	18,291	6.6%	-6.0%	36.8%	6,305	-19.1%	-22%	43.6%
Mixed / Neutral	1,760	-0.6%	-21%	3.5%	662	212%	23%	4.6%
<b>Total</b>	<b>49,717</b>	<b>4.0%</b>	<b>-1.1%</b>	<b>100%</b>	<b>14,468</b>	<b>-10.3%</b>	<b>-22.4%</b>	<b>100%</b>

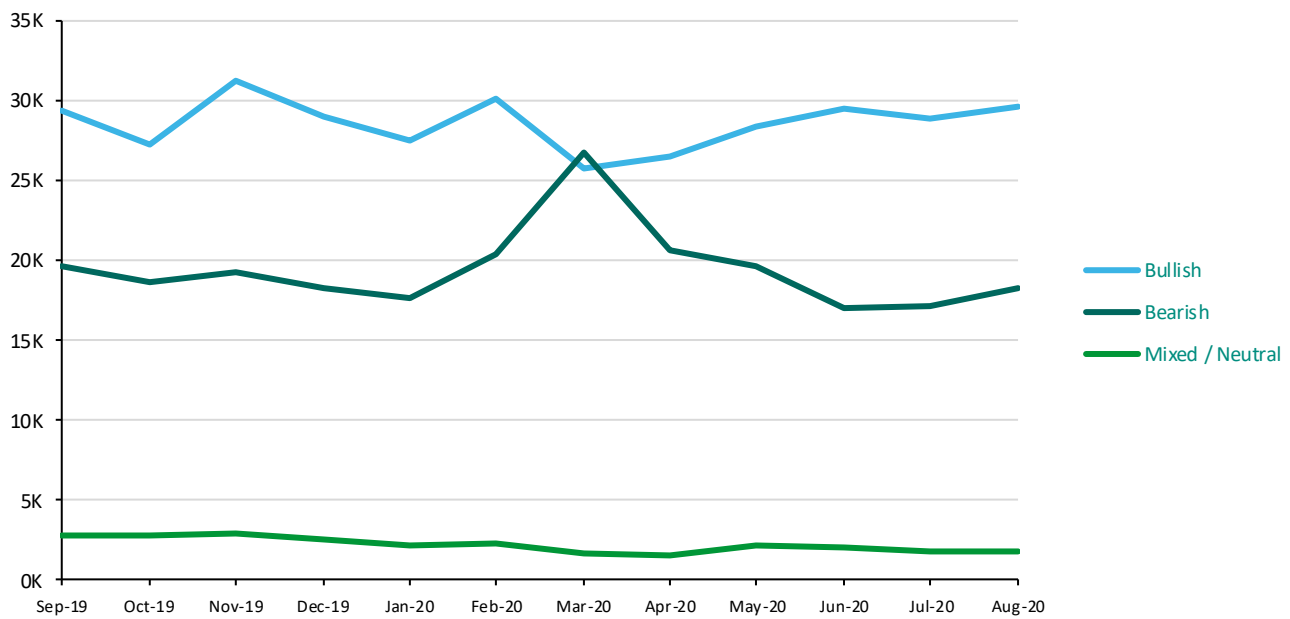
(Source Euronext)



# PRODUCT STRATEGIES

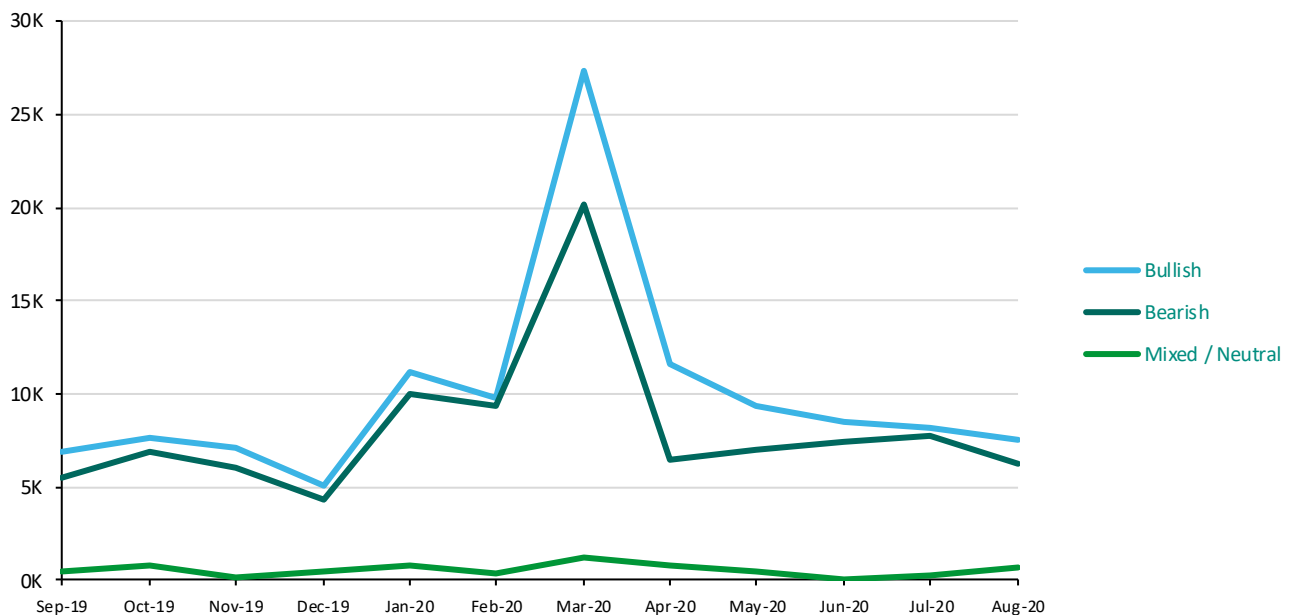
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# UNDERLYING TYPES

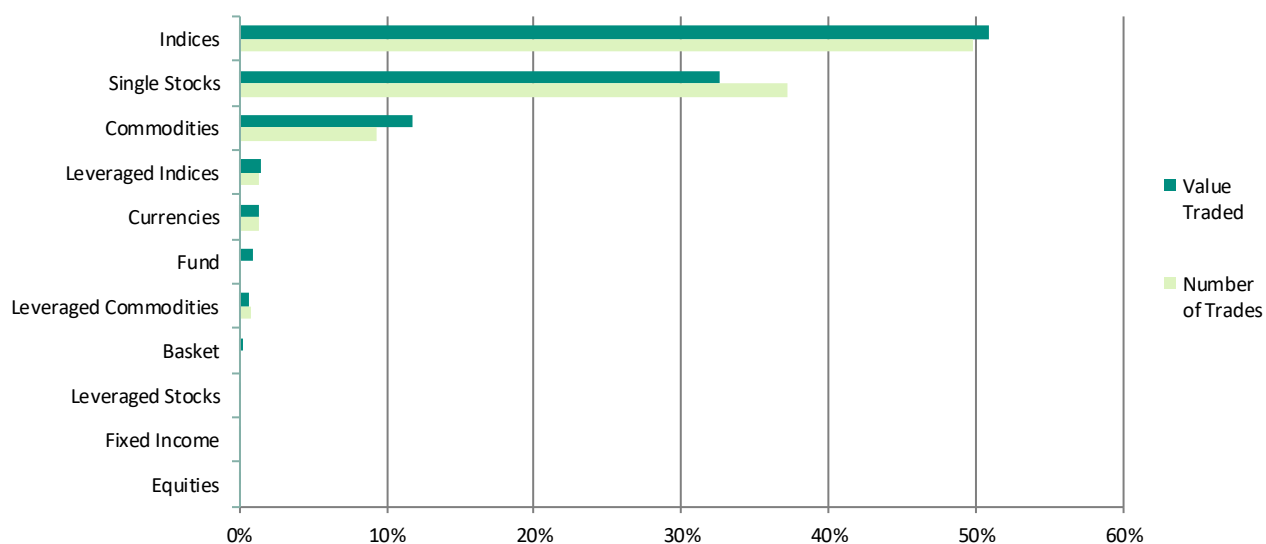
## Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	8,654	-0.9%	-9.7%	50.9%	3,228	-2.4%	-5.6%	49.8%
Single Stocks	5,537	-13.3%	-10.2%	32.6%	2,413	-8.0%	-8.7%	37.3%
Commodities	2,002	22%	46%	11.8%	603	29.5%	13.9%	9.3%
Leveraged Indices	242	-7.2%	-75%	1.4%	85	-17.6%	-69.4%	1.3%
Currencies	231	3.7%	53%	1.4%	83	7.1%	-0.4%	1.3%
Fund	145	-70%	-86%	0.9%	4.8	-59.2%	-68.1%	0.1%
Leveraged Commodities	116	-19.2%	31%	0.7%	47	-0.6%	8.8%	0.7%
Basket	50	-18.6%	-15.5%	0.3%	2.4	86.2%	61.3%	0.0%
Leveraged Stocks	7	-66%	-57%	0.0%	6.7	-29.7%	-44.1%	0.1%
Fixed Income	4	71%	1.8%	0.0%	2.0	24.7%	-45.2%	0.0%
Equities	1	24%	159%	0.0%	2.0	91.7%	415.2%	0.0%
<b>Total</b>	<b>16,989</b>	<b>-5.4%</b>	<b>-12.6%</b>	<b>100%</b>	<b>6,476</b>	<b>-2.6%</b>	<b>-7.9%</b>	<b>100%</b>

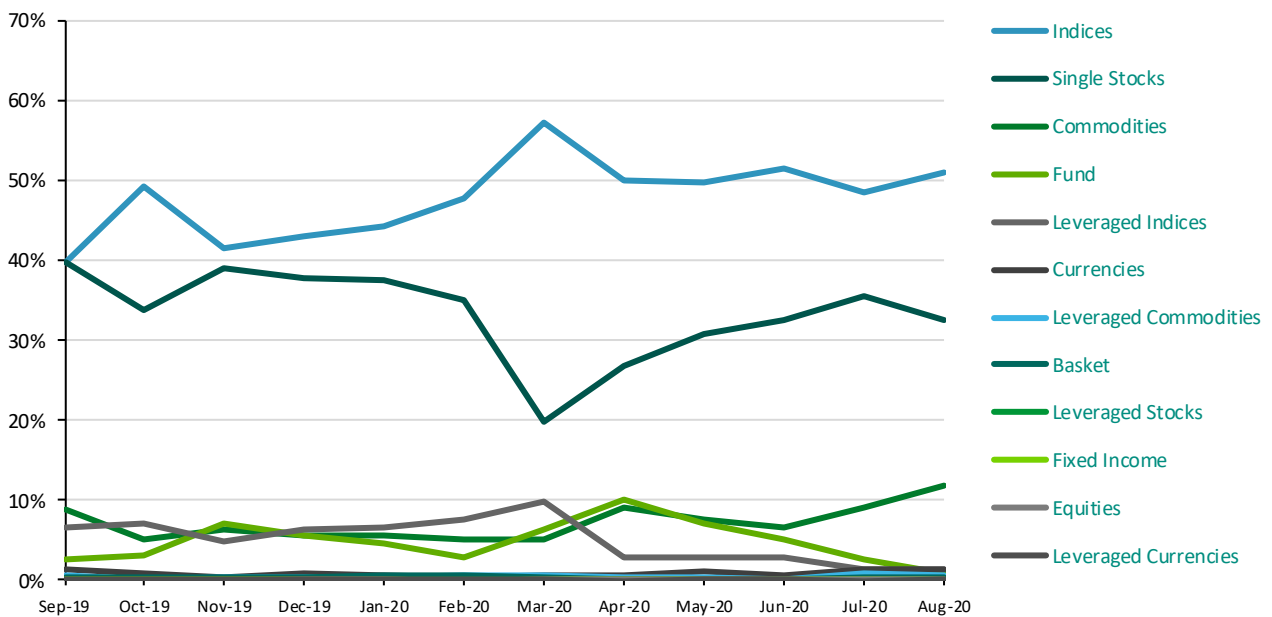
(Source Euronext)



# UNDERLYING TYPES

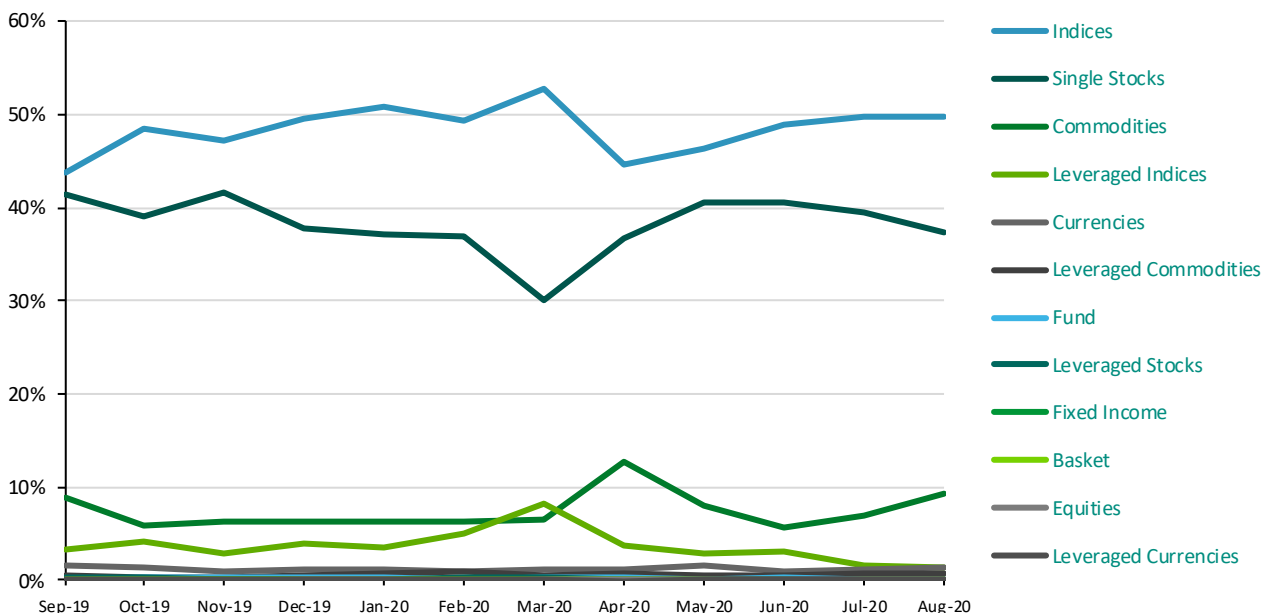
## Market Trend: Value traded

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

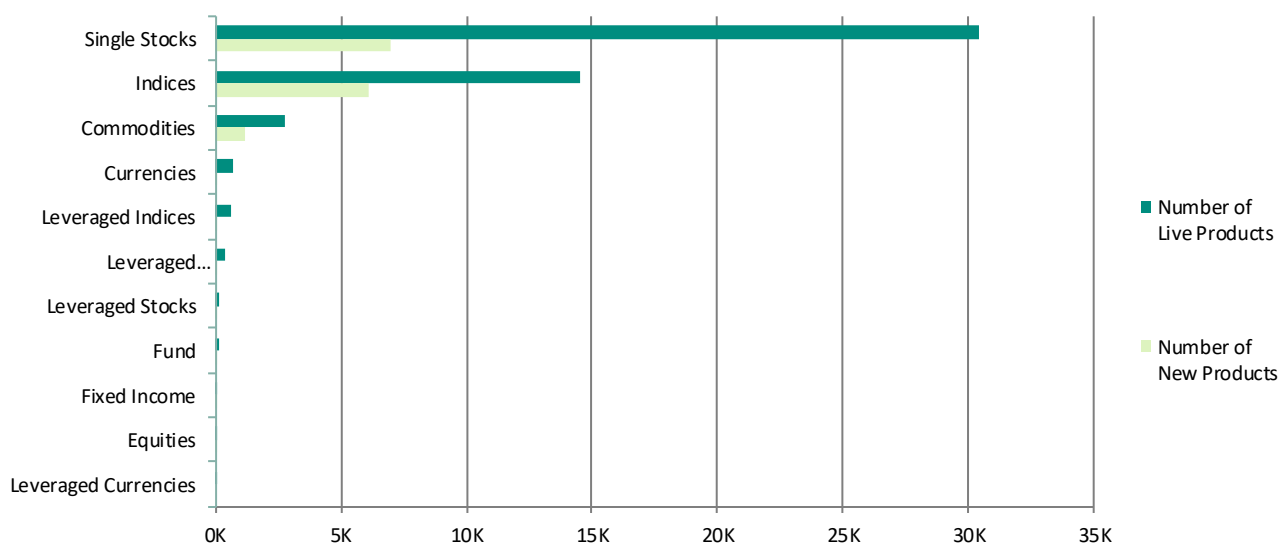
### Product Overview

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	30,468	4.9%	-5.0%	61.3%	6,989	-8.9%	-26%	48.3%
Indices	14,512	2.4%	5.1%	29.2%	6,132	-13.5%	-22%	42.4%
Commodities	2,730	8.8%	22%	5.5%	1,149	23%	26%	7.9%
Currencies	697	2.7%	-20%	1.4%	65	-55%	-55%	0.4%
Leveraged Indices	583	-11.4%	11.9%	1.2%	12	-81%	-87%	0.1%
Leveraged Commodities	386	-0.2%	-5.1%	0.8%	49	-74%	-55%	0.3%
Leveraged Stocks	115	-30%	-45%	0.2%	10	25%	-51%	0.1%
Fund	105	1.6%	8.9%	0.2%	2	100%	26%	0.0%
Fixed Income	73	9.8%	-3.3%	0.1%	1	-92%	-76%	0.0%
Equities	26	412%	527%	0.1%	59		973%	0.4%
Leveraged Currencies	17	303%	124%	0.0%	0	-100%	-100%	0.0%
<b>Total</b>	<b>49,717</b>	<b>4.0%</b>	<b>-1.1%</b>	<b>100%</b>	<b>14,468</b>	<b>-10.3%</b>	<b>-22%</b>	<b>100%</b>

(Source Euronext)

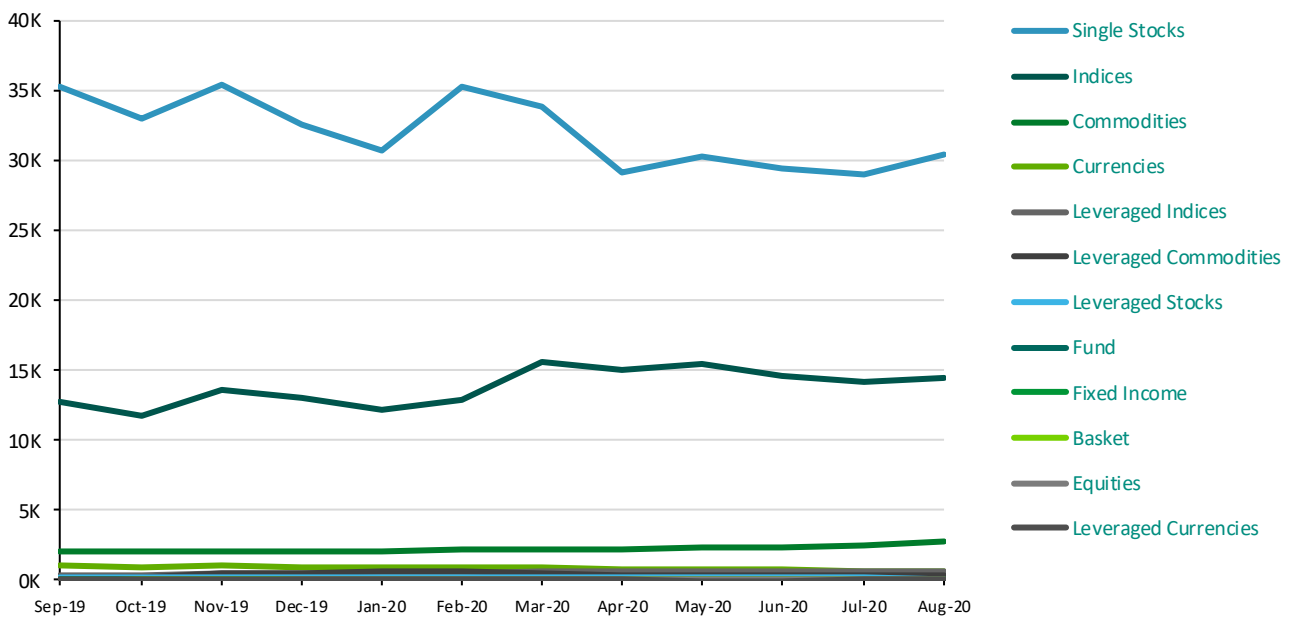




# UNDERLYING TYPES

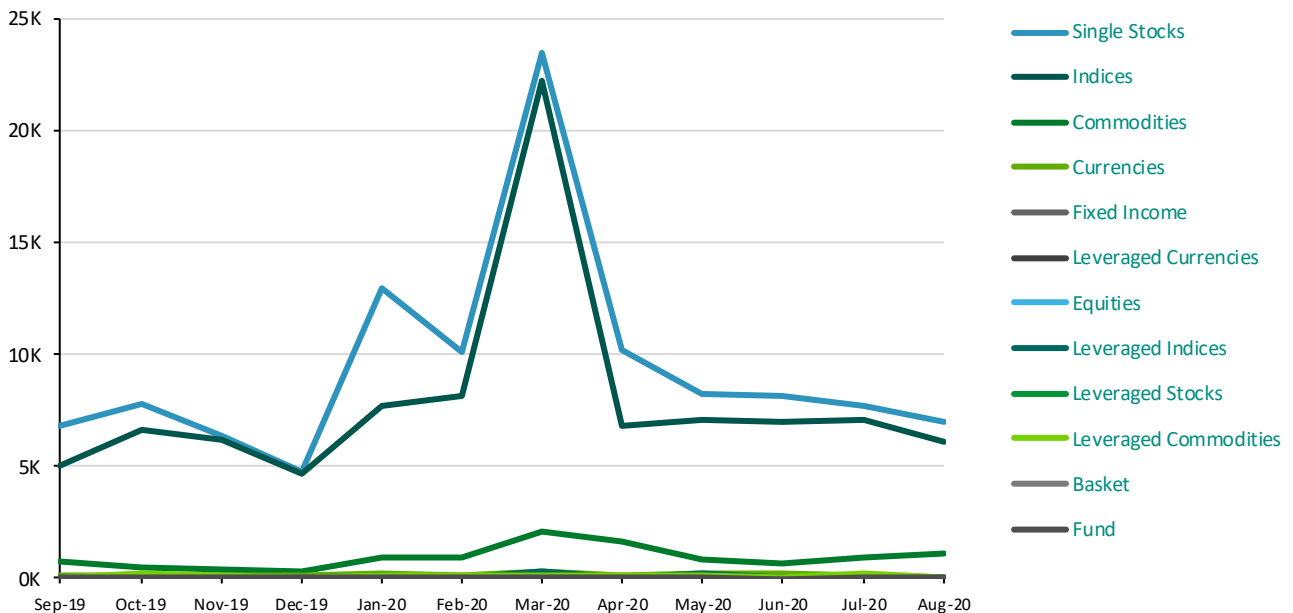
## Product Trend: Number of Live Products

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

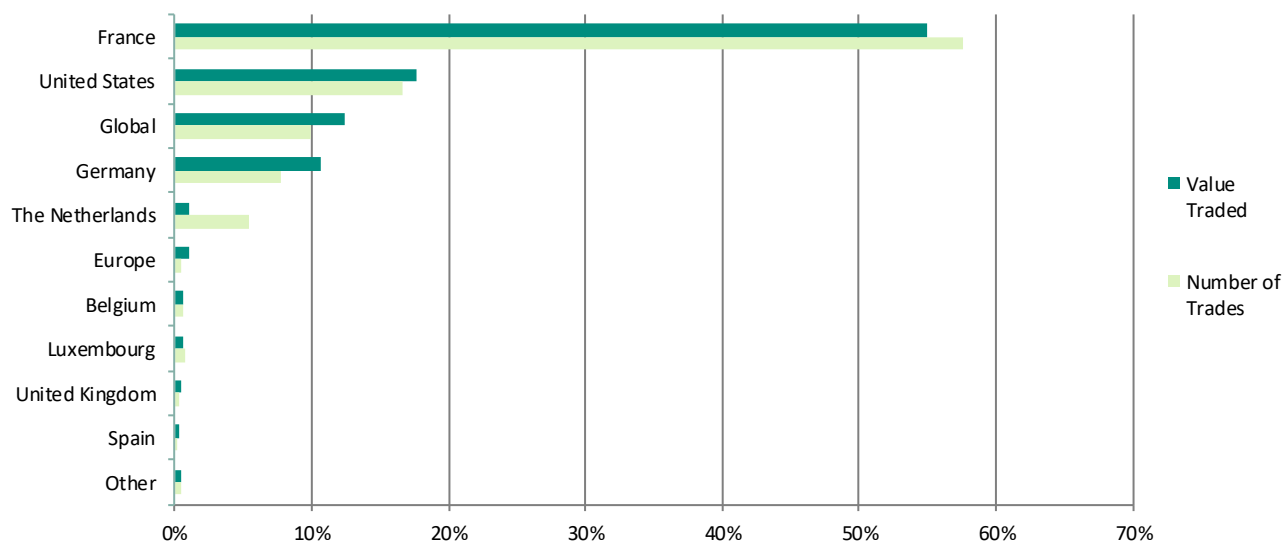
## Market Overview

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	9,337	-11.7%	-19.5%	55.0%	3,731	-12.3%	-18.5%	57.6%
United States	2,989	-0.1%	-3.8%	17.6%	1,075	-7.2%	7.3%	16.6%
Global	2,101	19.5%	43%	12.4%	638	33%	15.3%	9.9%
Germany	1,817	33%	15.7%	10.7%	505	3.3%	-10.7%	7.8%
The Netherlands	171	59%	-4.1%	1.0%	351	453%	200%	5.4%
Europe	170	-72%	-85%	1.0%	28	-41%	-50%	0.4%
Belgium	100	-28%	-4.8%	0.6%	41	-18.3%	-2.0%	0.6%
Luxembourg	100	11.3%	-16.3%	0.6%	49	-9.7%	-8.4%	0.8%
United Kingdom	76	-56%	7.5%	0.4%	15	-16.3%	-20%	0.2%
Spain	43	-15.2%	218%	0.3%	9.3	4.2%	76%	0.1%
Other	85	-4.3%	-9.6%	0.5%	33	23%	-14.1%	0.5%
<b>Total</b>	<b>16,989</b>	<b>-5.4%</b>	<b>-12.6%</b>	<b>100%</b>	<b>6,476</b>	<b>-2.6%</b>	<b>-7.9%</b>	<b>100%</b>

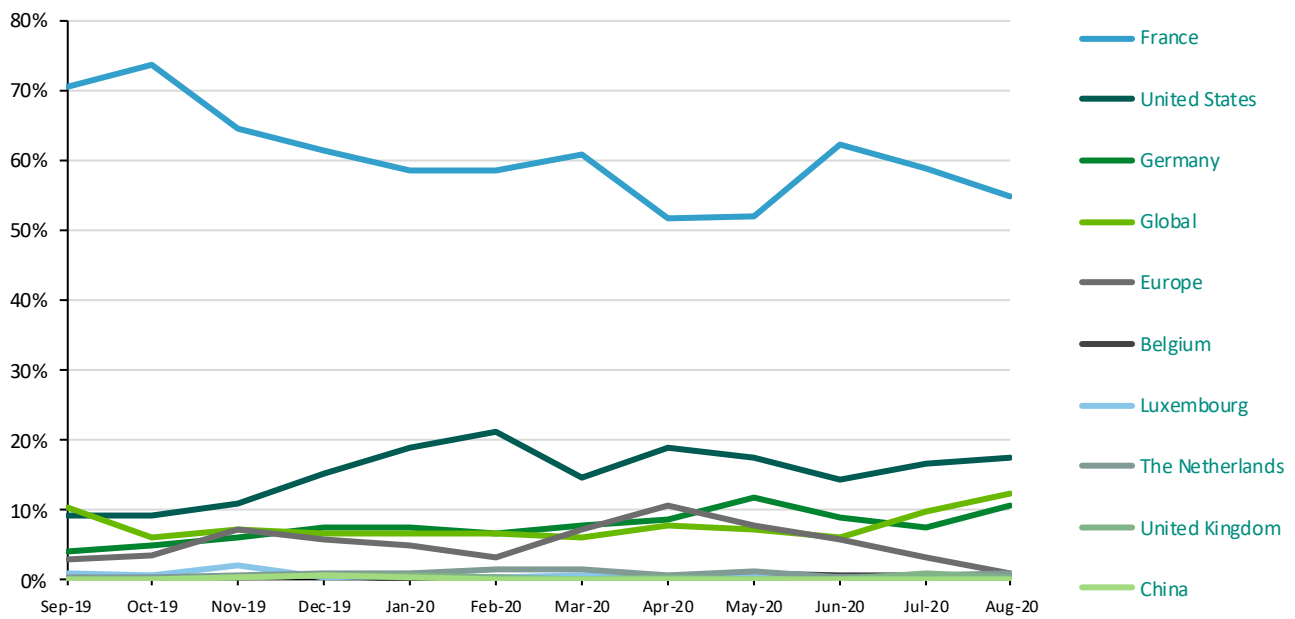
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

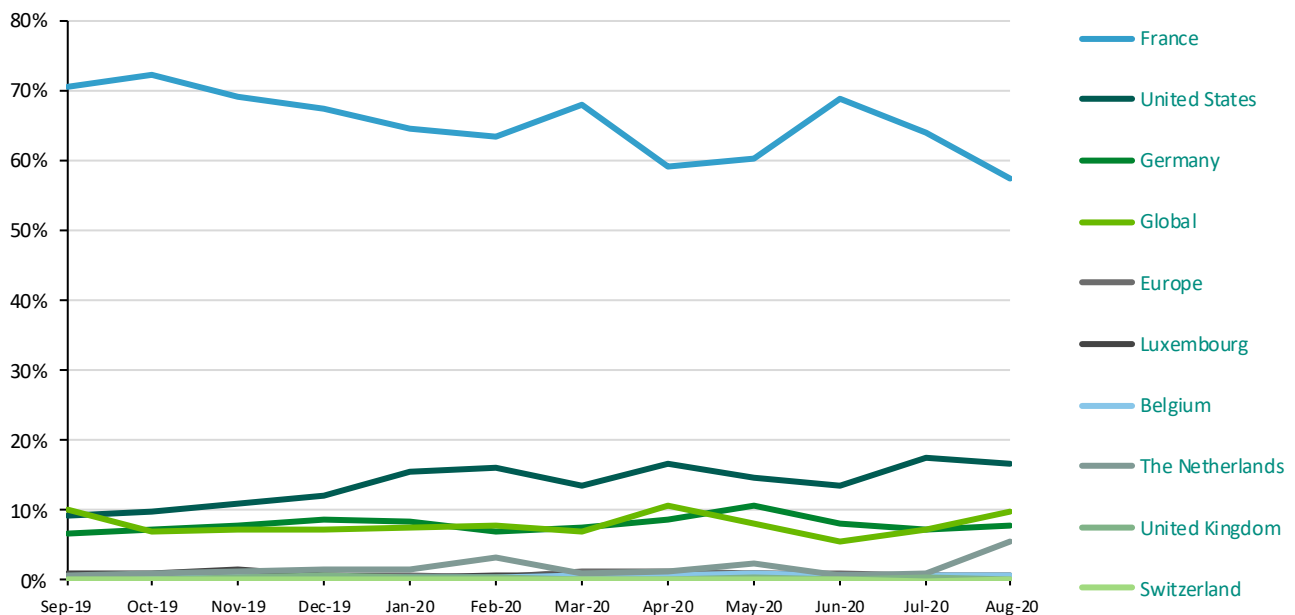
## Market Trend: Value traded

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

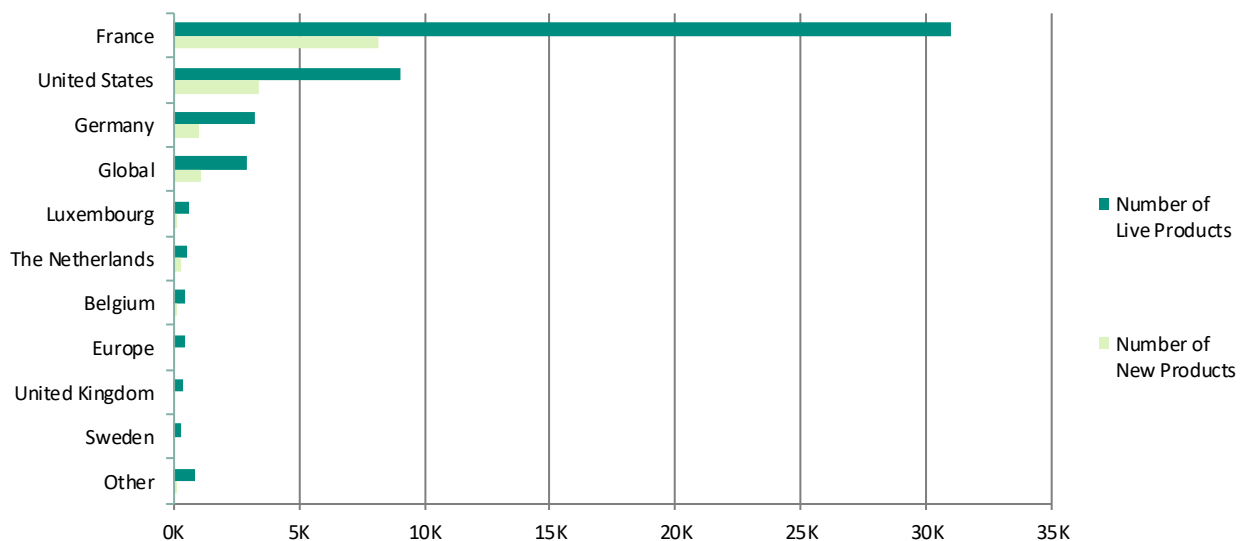
## Product Overview

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	31,008	2.1%	-1.5%	62.4%	8,167	-10.6%	-30%	56.4%
United States	9,010	12.3%	-0.7%	18.1%	3,361	-10.3%	-2.1%	23.2%
Germany	3,228	1.1%	-3.3%	6.5%	999	-29%	-36%	6.9%
Global	2,953	8.0%	6.6%	5.9%	1,097	2.0%	18.2%	7.6%
Luxembourg	590	0.7%	-0.1%	1.2%	143	24%	-35%	1.0%
The Netherlands	513	16.3%	14.3%	1.0%	290	92%	45%	2.0%
Belgium	482	7.4%	1.9%	1.0%	108	50%	-8.1%	0.7%
Europe	430	-11.6%	-13.5%	0.9%	54	-47%	-62%	0.4%
United Kingdom	339	3.9%	-13.7%	0.7%	69	-18.8%	-5.3%	0.5%
Sweden	272	1.5%	18.9%	0.5%	55	-30%	-12.1%	0.4%
Other	892	-0.8%	-11.0%	1.8%	125	-29%	-33%	0.9%
<b>Total</b>	<b>49,717</b>	<b>4.0%</b>	<b>-1.1%</b>	<b>100%</b>	<b>14,468</b>	<b>-10.3%</b>	<b>-22.4%</b>	<b>100%</b>

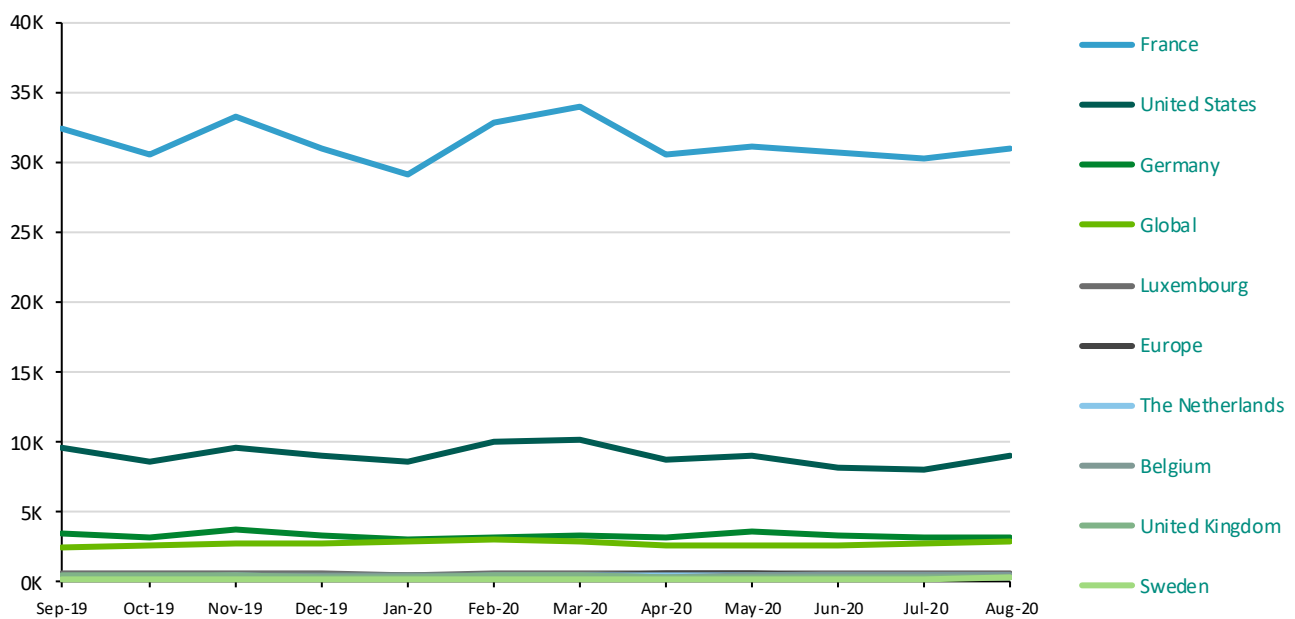
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

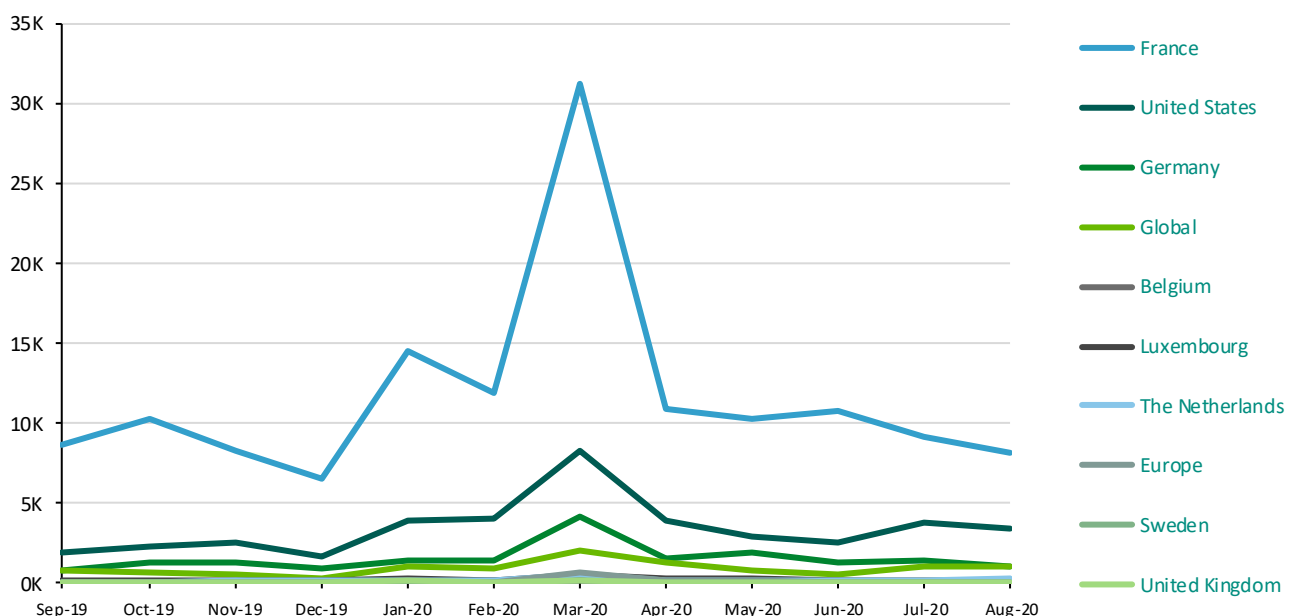
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

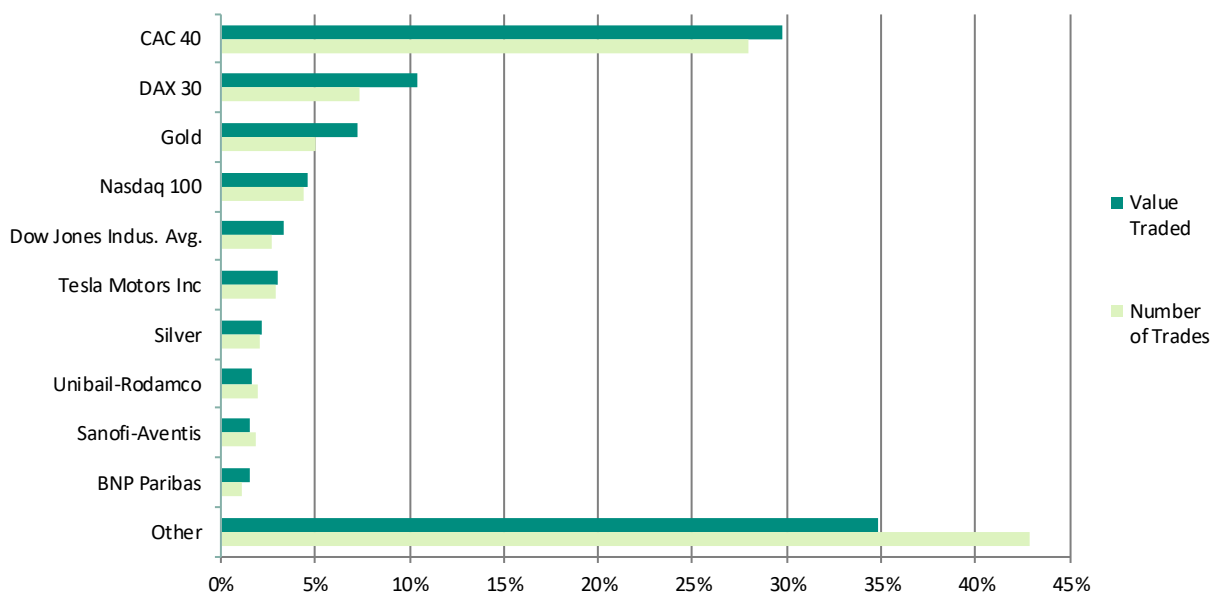
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	5,063	-8.1%	-14.1%	29.8%	1,812	-12.4%	-15.1%	28.0%
DAX 30	1,762	31%	22%	10.4%	474	2.0%	-8.9%	7.3%
Gold	1,233	43%	144%	7.3%	323	74%	92%	5.0%
Nasdaq 100	785	7.4%	24%	4.6%	282	-12.4%	33%	4.3%
Dow Jones Indus. Avg.	561	-5.9%	-35%	3.3%	176	-18.3%	-18.8%	2.7%
Tesla Motors Inc	517	54%	78%	3.0%	189	35%	86%	2.9%
Silver	363	51%	220%	2.1%	134	60%	160%	2.1%
Unibail-Rodamco	278	41%	69%	1.6%	125	34%	92%	1.9%
Sanofi-Aventis	253	40%	53%	1.5%	118	65%	82%	1.8%
BNP Paribas	251	-2.7%	30%	1.5%	70	-3.0%	-1.3%	1.1%
Other	5,924	-23%	-35%	34.9%	2,774	-5.4%	-19.0%	42.8%
<b>Total</b>	<b>16,989</b>	<b>-5.4%</b>	<b>-12.6%</b>	<b>100%</b>	<b>6,476</b>	<b>-2.6%</b>	<b>-7.9%</b>	<b>100%</b>

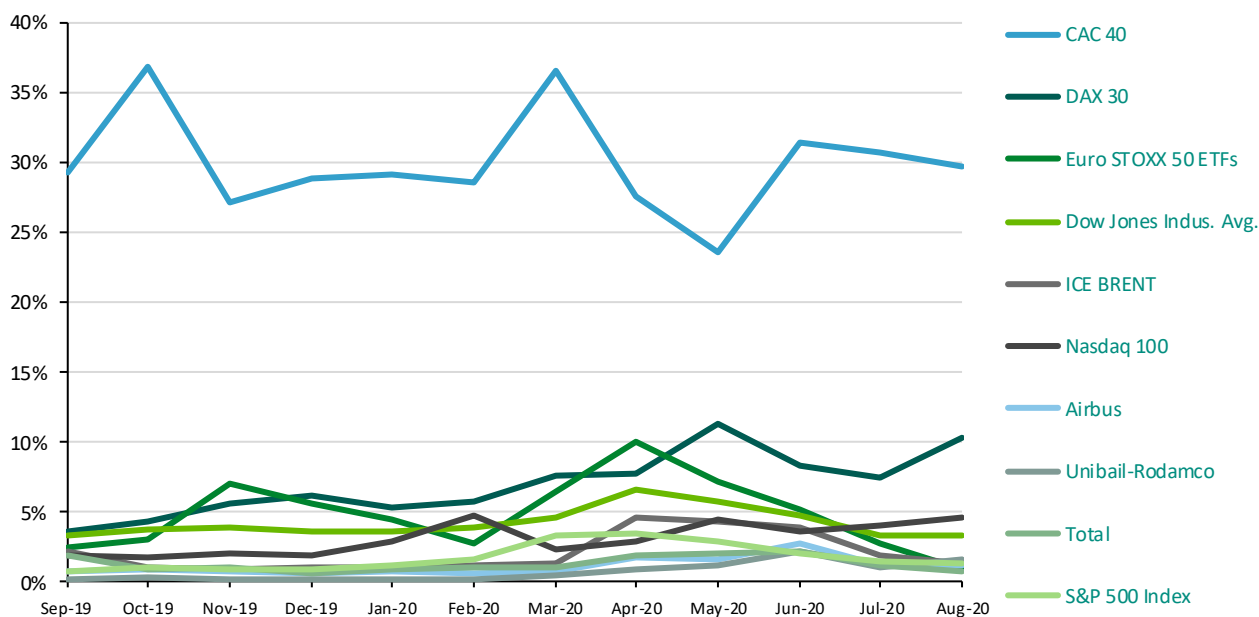
(Source Euronext)



# TOP 10 UNDERLYINGS

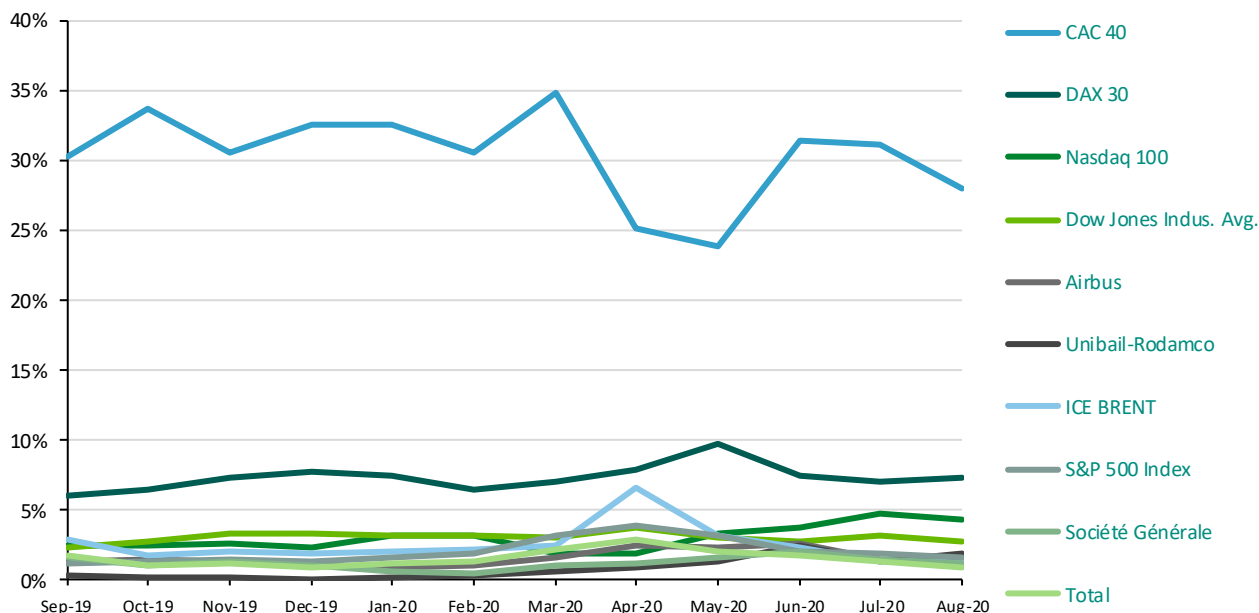
## Market Trend: Value traded

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

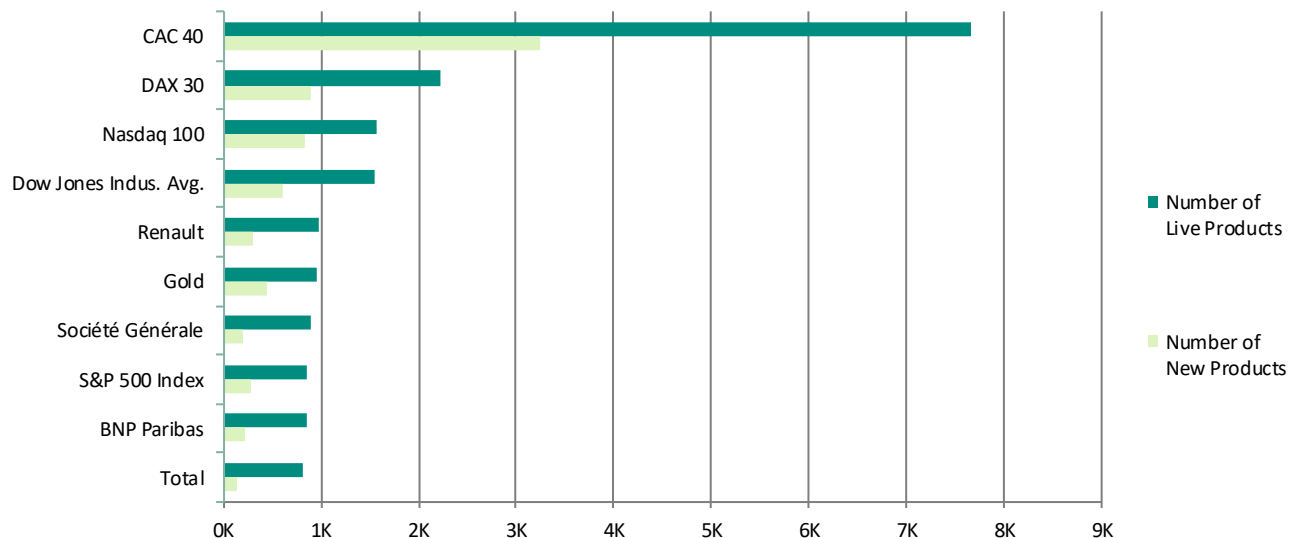
## Product Overview

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	7,654	-2.6%	4.8%	15.4%	3,252	-15.7%	-27%	22.5%
DAX 30	2,228	3.7%	7.8%	4.5%	891	-28%	-28%	6.2%
Nasdaq 100	1,562	18.9%	15.4%	3.1%	835	-8.0%	13.3%	5.8%
Dow Jones Indus. Avg.	1,550	8.9%	7.7%	3.1%	606	0.2%	-28%	4.2%
Renault	977	2.9%	4.4%	2.0%	293	8.1%	-22%	2.0%
Gold	956	15.5%	19.9%	1.9%	446	22%	91%	3.1%
Société Générale	904	5.9%	11.6%	1.8%	196	-15.5%	-34%	1.4%
S&P 500 Index	863	14.3%	-3.7%	1.7%	290	13.3%	-23%	2.0%
BNP Paribas	858	9.3%	7.7%	1.7%	226	-12.7%	-23%	1.6%
Total	822	2.9%	3.7%	1.7%	145	-2.0%	-49%	1.0%
Other	31,342	4.2%	-5.3%	63.0%	7,288	-8.8%	-24%	50.4%
<b>Total</b>	<b>49,717</b>	<b>4.0%</b>	<b>-1.1%</b>	<b>100%</b>	<b>14,468</b>	<b>-10.3%</b>	<b>-22.4%</b>	<b>100%</b>

(Source Euronext)

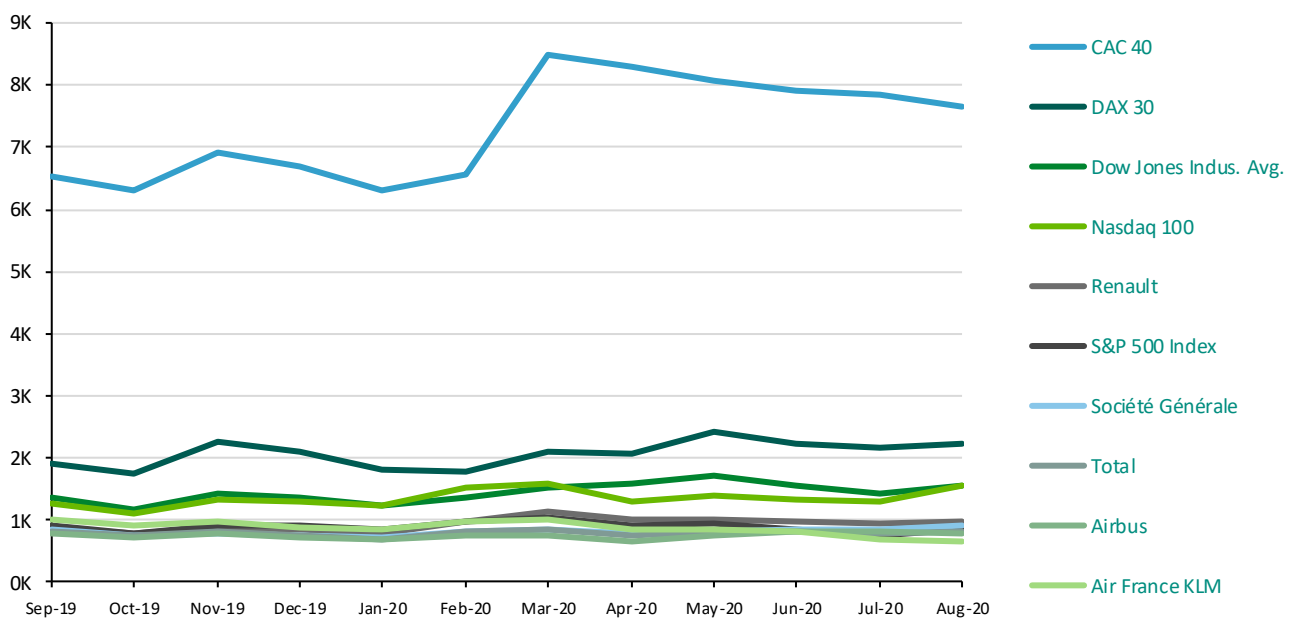




# TOP 10 UNDERLYINGS

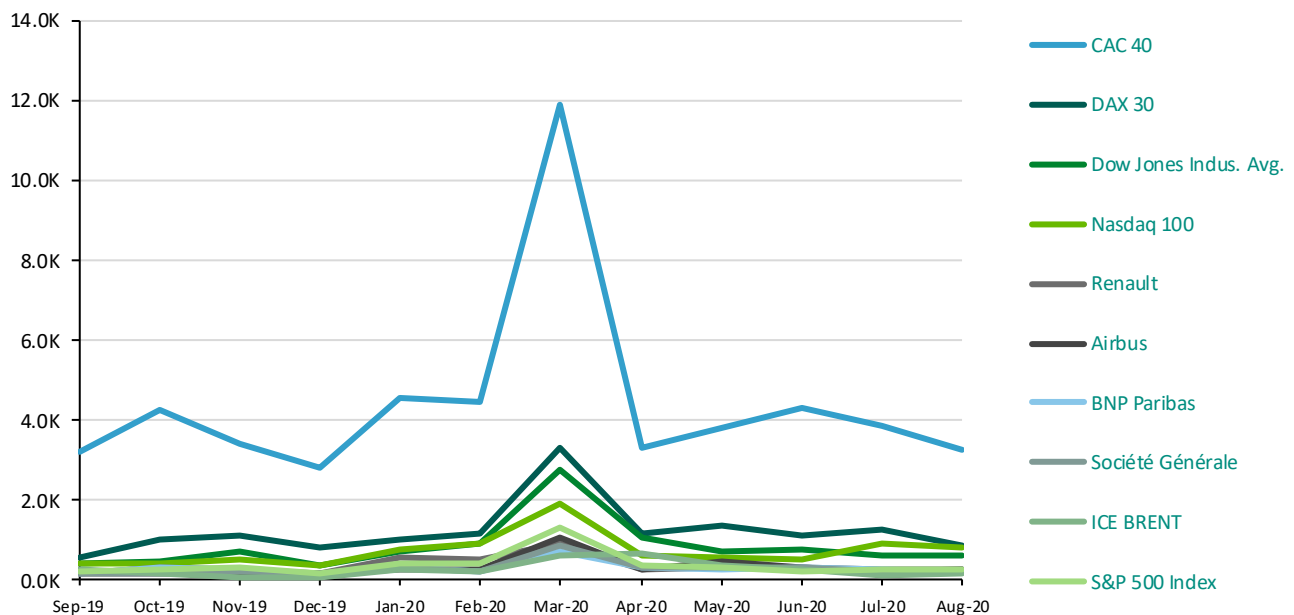
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer		Product Type	Underlying	Value Traded (in €k)	Nb of Trades
DE000KB4VVE0	Citi	2200	Knock-Out Warrants	DAX 30	6,515	63
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	5,559	215
FRBNPP01R443	BNP Paribas	2210	Mini-Futures	CAC 40	2,731	95
DE000KB59FM2	Citi	2200	Knock-Out Warrants	DAX 30	2,685	128
DE000CL39CA2	Société Générale	2100	Warrants	CAC 40	2,399	149
FRBNPP01FQW8	BNP Paribas	2210	Mini-Futures	CAC 40	2,383	138
NL0013666266	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	2,287	18
FRBNPP01MND1	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,867	141
DE000VP6JDU5	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,816	67
FRBNPP01R567	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,628	417
DE000KB58598	Citi	2200	Knock-Out Warrants	DAX 30	1,611	88
FRBNPP017V73	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,607	60
DE000VP6BPV4	Vontobel	2200	Knock-Out Warrants	Gold	1,555	377
DE000KB59TT8	Citi	2200	Knock-Out Warrants	DAX 30	1,489	347
FRBNPP01JQA6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,390	82
DE000KB59T46	Citi	2200	Knock-Out Warrants	EUR/USD	1,390	24
DE000SR8F4E1	Société Générale	2100	Warrants	Ubisoft	1,337	53
DE000KB1T947	Citi	2100	Warrants	Airbus	1,253	22
DE000KB59W58	Citi	2210	Mini-Futures	EUR/USD	1,205	347
DE000KB0W760	Citi	2205	Open-End Knock-Out Warrants	CAC 40	1,184	18
DE000KB4VDJ7	Citi	2200	Knock-Out Warrants	Nasdaq 100	1,171	24
FRBNPP01JQV2	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,165	94
DE000CL1GLN7	Société Générale	2300	Constant Leverage Certificate	Gold	1,159	59
NL0014339343	BNP Paribas	2100	Warrants	CAC 40	1,131	109
DE000KB7UDV7	Citi	2205	Open-End Knock-Out Warrants	DAX 30	1,092	21
FRBNPP01MNF6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	1,091	406
FRBNPP01QPI4	BNP Paribas	2300	Constant Leverage Certificate	DAX 30	1,089	32
DE000VP68PQ0	Vontobel	2205	Open-End Knock-Out Warrants	Nasdaq 100	1,068	33
DE000KB60TU4	Citi	2200	Knock-Out Warrants	DAX 30	1,067	60
DE000SB2EJF4	Société Générale	2300	Constant Leverage Certificate	CAC 40	1,052	315
DE000VP38NY2	Vontobel	2200	Knock-Out Warrants	CAC 40	1,052	118
NL0006191470	BNP Paribas	1300	Tracker Certificates	Precious Metals Basket	1,046	51
DE000SB2EJL2	Société Générale	2300	Constant Leverage Certificate	CAC 40	1,030	232
DE000CU6NWX2	Société Générale	2100	Warrants	CAC 40	1,023	64
DE000VP567F4	Vontobel	2205	Open-End Knock-Out Warrants	Silver	1,003	222
DE000KB335T6	Citi	2200	Knock-Out Warrants	CAC 40	944	21
DE000VP6QS60	Vontobel	2205	Open-End Knock-Out Warrants	Gold	929	172
FRBNPP01QPI6	BNP Paribas	2300	Constant Leverage Certificate	DAX 30	910	22
FRBNPP01JMO6	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	902	262
DE000SB3A8E6	Société Générale	2205	Open-End Knock-Out Warrants	CAC 40	896	296
DE000SR8CHC8	Société Générale	2205	Open-End Knock-Out Warrants	NYMEX LS CRUDE	873	164
DE000CL39B49	Société Générale	2100	Warrants	CAC 40	872	205
FRBNPP01R575	BNP Paribas	2300	Constant Leverage Certificate	CAC 40	850	325
DE000KB4V6Q5	Citi	2210	Mini-Futures	CAC 40	844	116
DE000VE86JZ0	Vontobel	2300	Constant Leverage Certificate	CAC 40 x7 Leverage Index	808	180
DE000CJ815V5	Société Générale	2205	Open-End Knock-Out Warrants	Gold	798	101
FRBNPP01JJF0	BNP Paribas	2210	Mini-Futures	Air Liquide	767	18
NL0014339335	BNP Paribas	2100	Warrants	CAC 40	757	61
DE000CU16RD3	Société Générale	2210	Mini-Futures	S&P 500 Index	757	105
DE000VP37995	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	752	194

(Source Euronext)



Euroclear Nederland Instruments

# ISSUERS

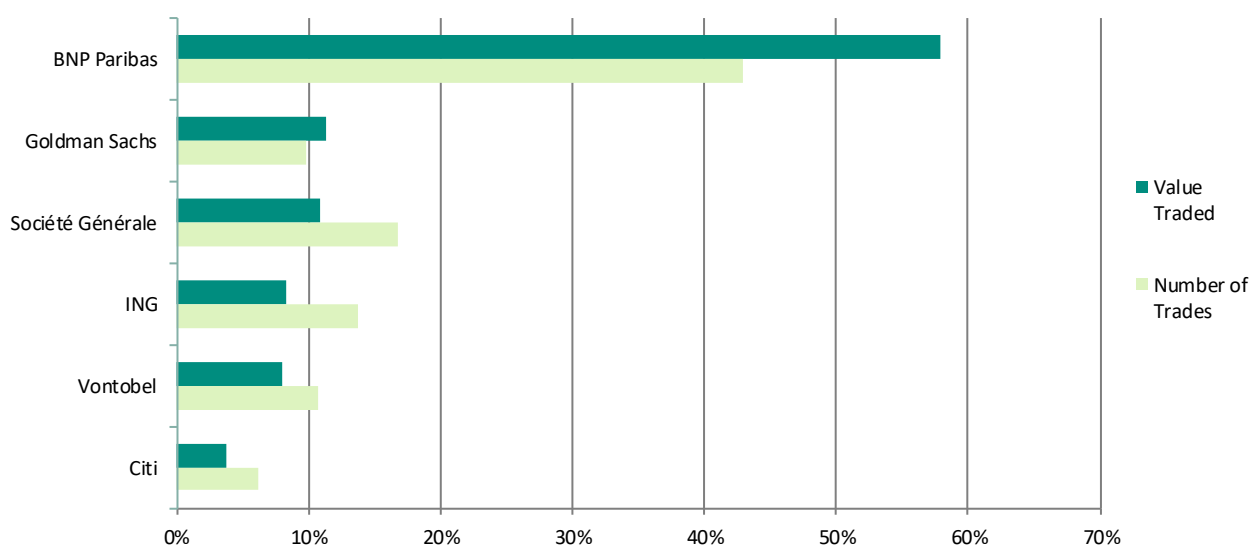
## Market Overview

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	11,693	1.2%	-9.7%	57.9%	2,849	-15.4%	-19.4%	42.9%
Goldman Sachs	2,296	-3.8%	-14.6%	11.4%	652	-13.8%	-28.0%	9.8%
Société Générale	2,183	-16.6%	58%	10.8%	1,111	3.2%	69.1%	16.7%
ING	1,668	-24%	-54%	8.3%	912	-16.2%	-31.4%	13.7%
Vontobel	1,605	6.5%	-23%	7.9%	713	-4.7%	-22.9%	10.7%
Citi	758	-15.2%	-23%	3.8%	404	-42.1%	-38.5%	6.1%
<b>Total</b>	<b>20,203</b>	<b>-4.5%</b>	<b>-19.9%</b>	<b>100%</b>	<b>6,642</b>	<b>-14.1%</b>	<b>-24.0%</b>	<b>100%</b>

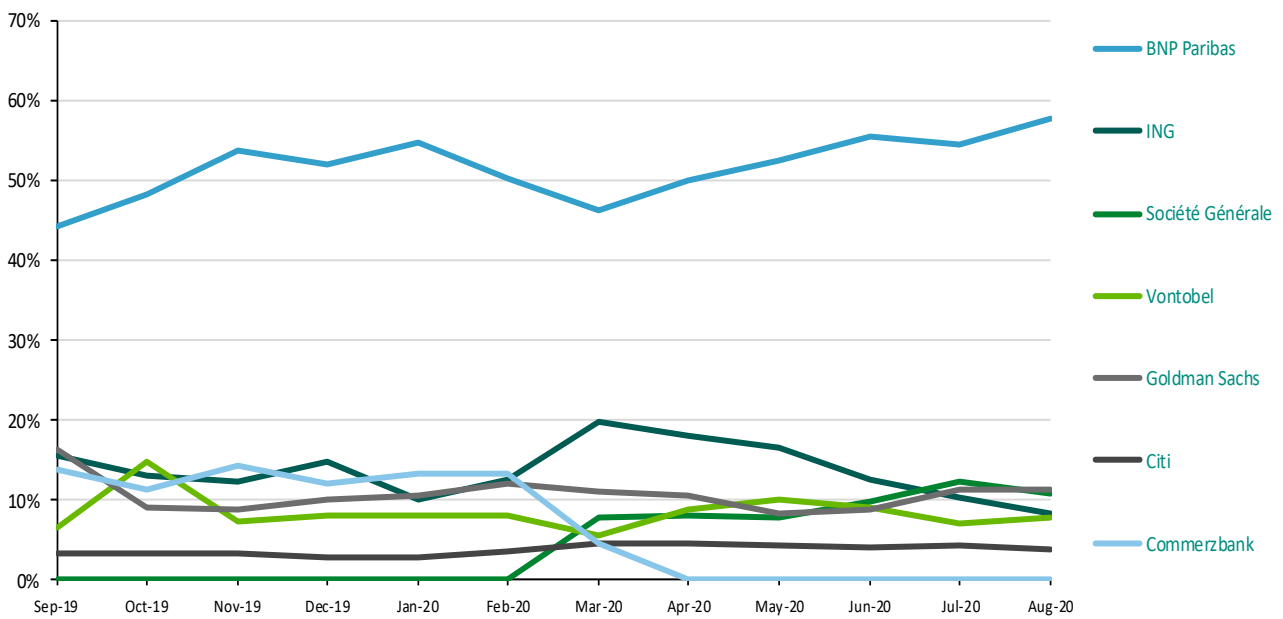
(Source Euronext)



# ISSUERS

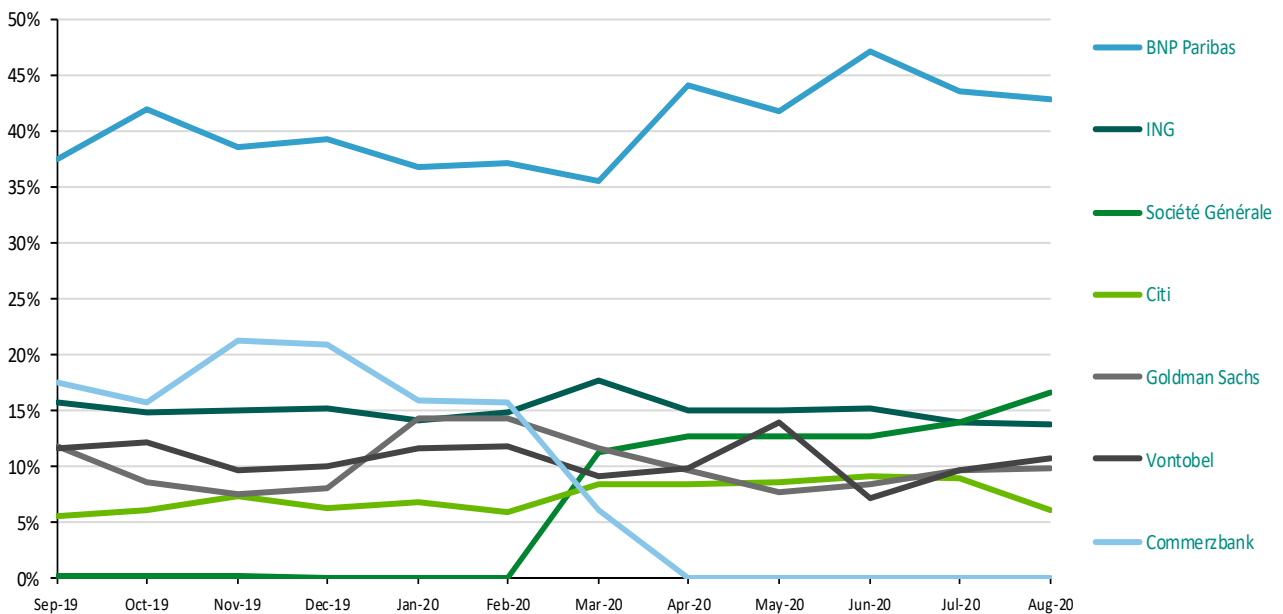
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

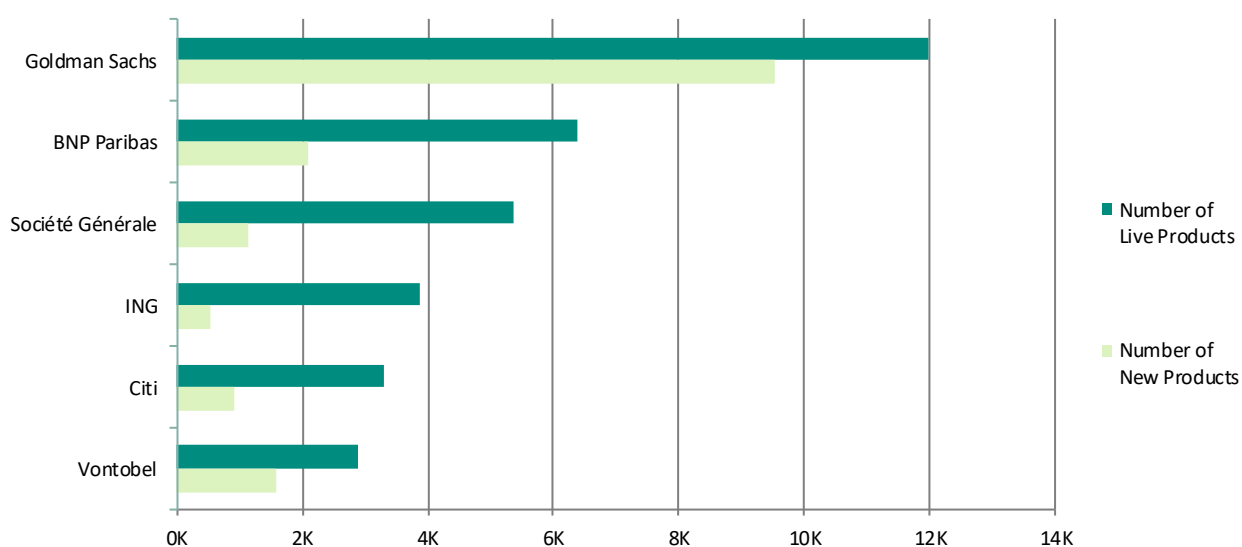
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	11,989	21%	53%	35.5%	9,542	-16.2%	59%	60.5%
BNP Paribas	6,385	3.9%	10.8%	18.9%	2,099	-2.0%	-23%	13.3%
Société Générale	5,359	3.0%	125%	15.8%	1,133	-5.5%	11.6%	7.2%
ING	3,884	1.6%	13.7%	11.5%	518	12.1%	-32%	3.3%
Citi	3,312	2.5%	20%	9.8%	907	-34%	-18.1%	5.8%
Vontobel	2,882	-2.4%	3.1%	8.5%	1,567	-49%	-24%	9.9%
<b>Total</b>	<b>33,811</b>	<b>8.1%</b>	<b>22.5%</b>	<b>100%</b>	<b>15,766</b>	<b>-19.8%</b>	<b>10.8%</b>	<b>100%</b>

(Source Euronext)

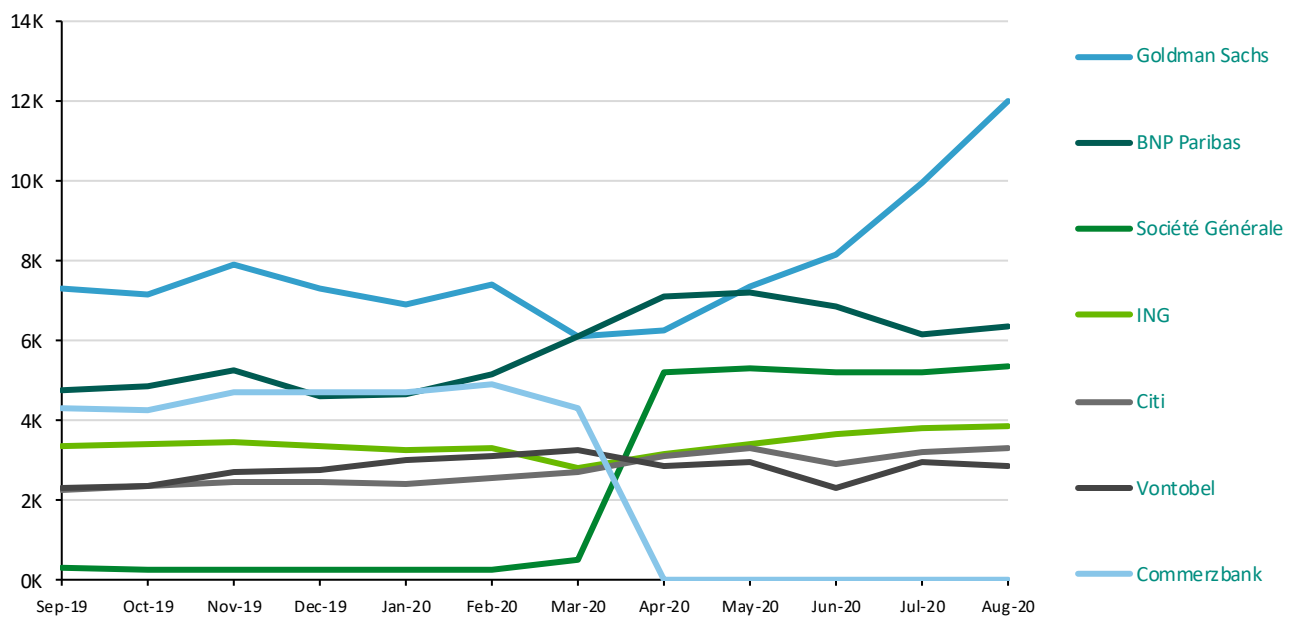




# ISSUERS

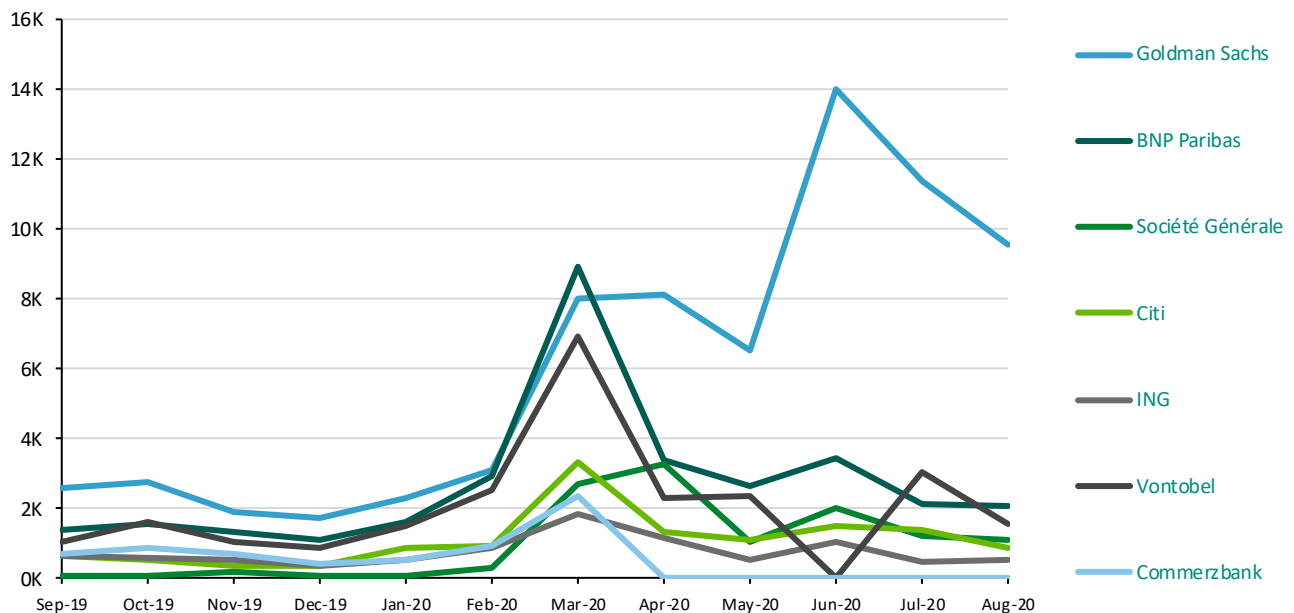
## Product Trend: Number of Live Products

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

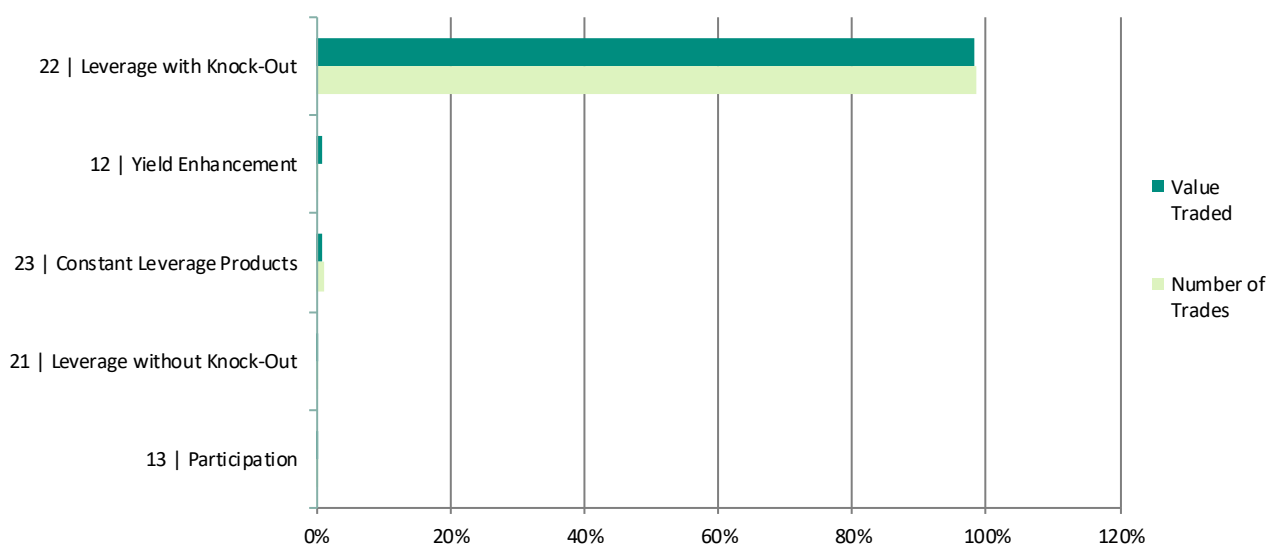
### Market Overview

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	19,824	-1.7%	-14.5%	98.1%	6,541	-13.4%	-22.4%	98.5%
12   Yield Enhancement	175	31%	-0.4%	0.9%	20	22.0%	16.6%	0.3%
23   Constant Leverage Products	148	-54%	-64%	0.7%	70	-15.1%	-44.8%	1.1%
21   Leverage without Knock-Out	43	-91%	-97%	0.2%	7.7	-90.3%	-95.2%	0.1%
13   Participation	14	-57%	-59%	0.1%	3.8	-2.8%	-26.3%	0.1%
<b>Total</b>	<b>20,203</b>	<b>-4.5%</b>	<b>-19.9%</b>	<b>100%</b>	<b>6,642</b>	<b>-14.1%</b>	<b>-24.0%</b>	<b>100%</b>

(Source Euronext)

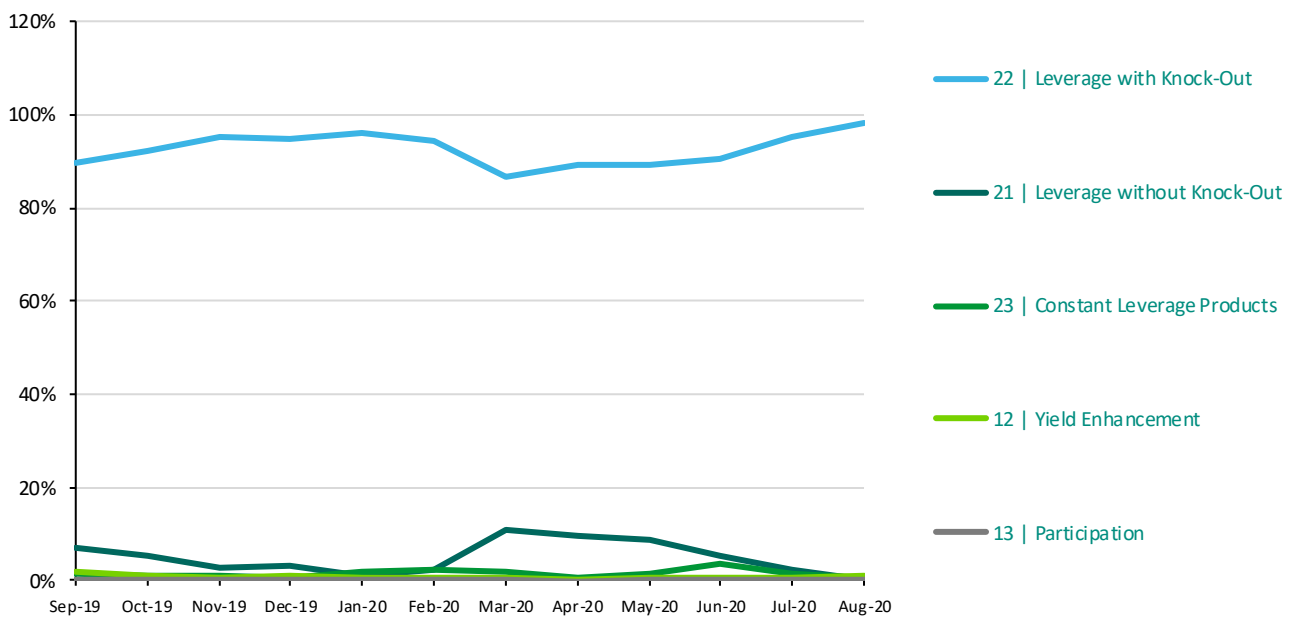




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

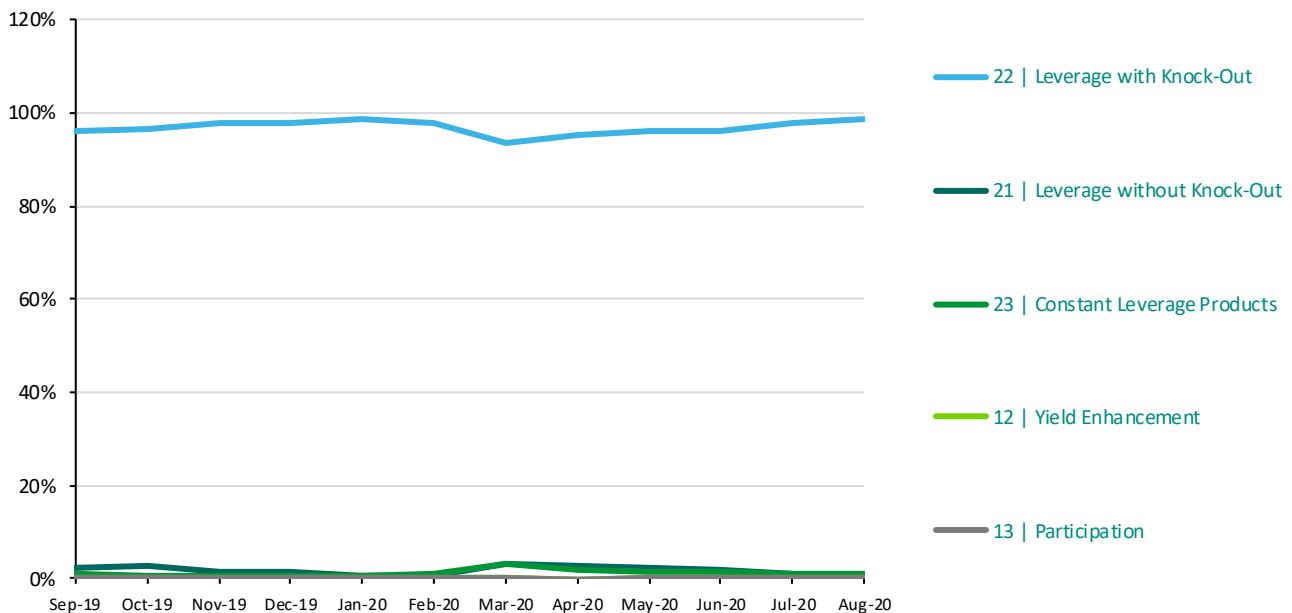
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

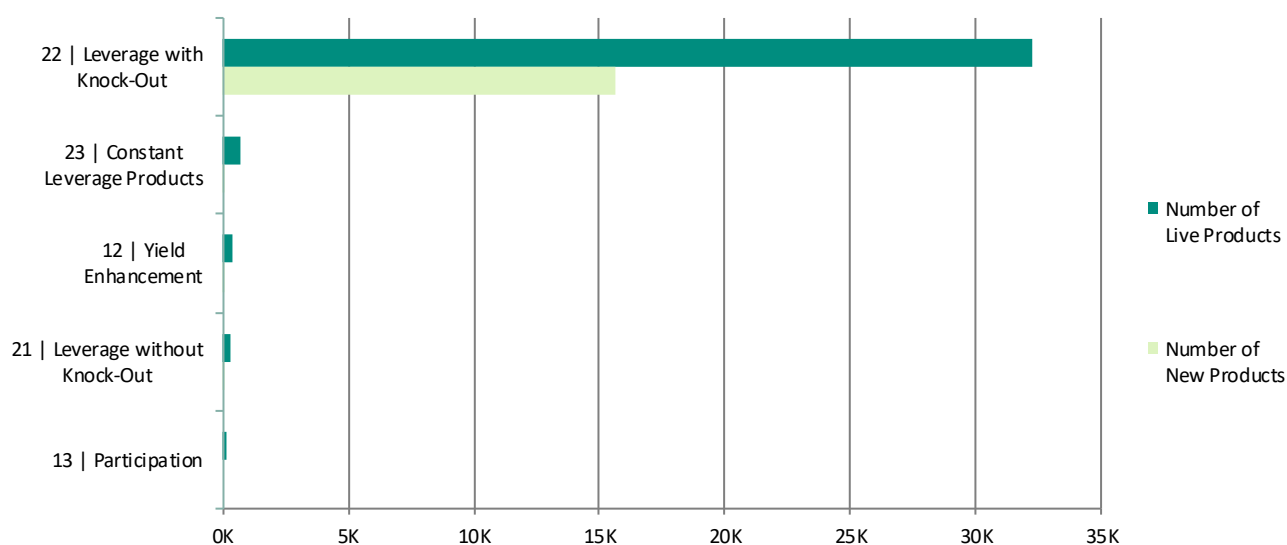
### Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22   Leverage with Knock-Out	32,273	9.1%	23%	95.4%	15,643	-19.4%	12.0%	99.2%
23   Constant Leverage Products	696	-16.0%	11.6%	2.1%	58	-70%	-59%	0.4%
12   Yield Enhancement	387	1.1%	23%	1.1%	35	150%	-34%	0.2%
21   Leverage without Knock-Out	330	-10.8%	-3.7%	1.0%	30	15.4%	-46%	0.2%
13   Participation	125	-0.4%	-7.4%	0.4%	0		-100%	0.0%
<b>Total</b>	<b>33,811</b>	<b>8.1%</b>	<b>22.5%</b>	<b>100%</b>	<b>15,766</b>	<b>-19.8%</b>	<b>10.8%</b>	<b>100%</b>

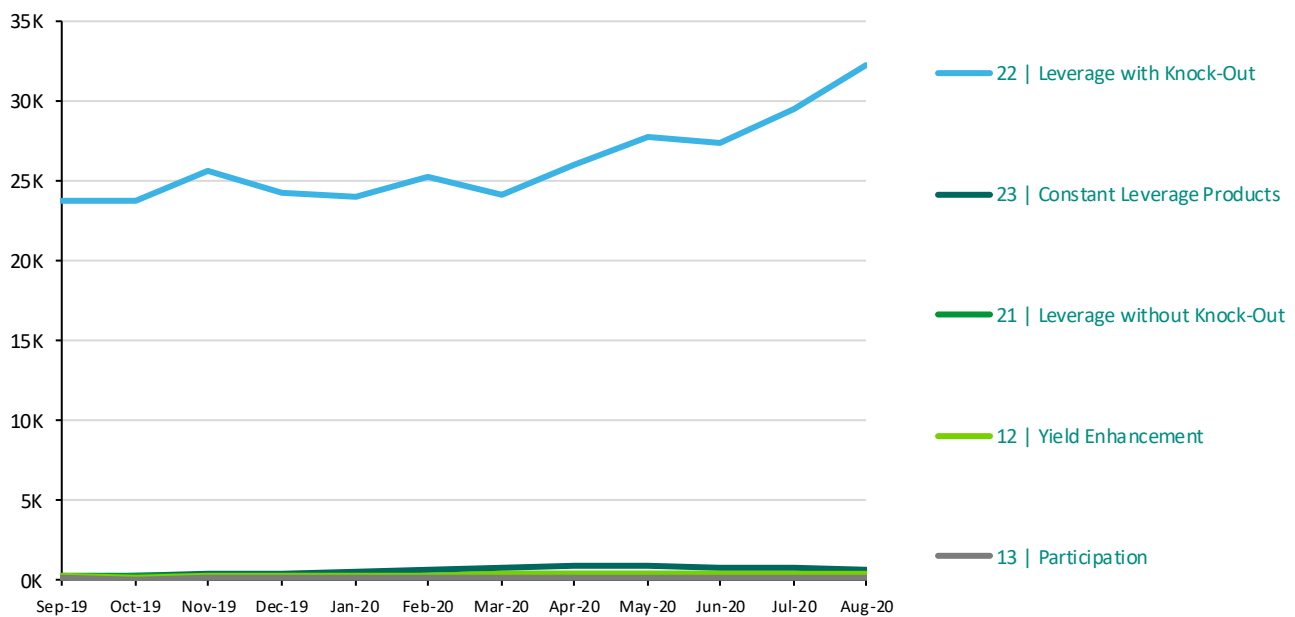
(Source Euronext)



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

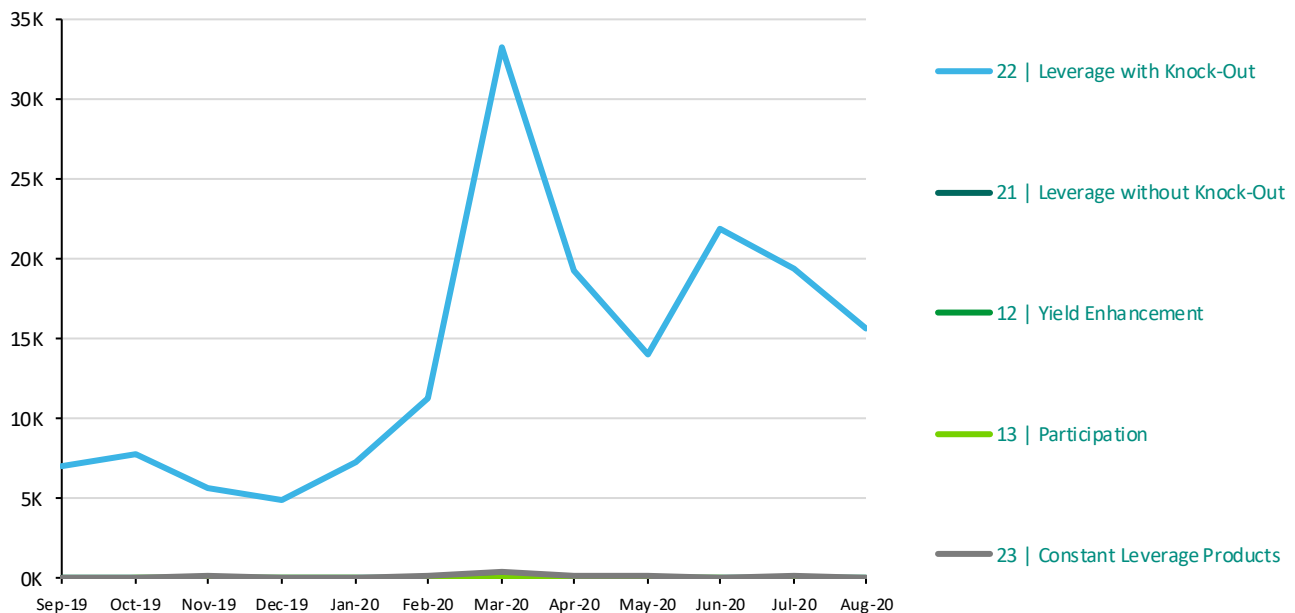
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



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

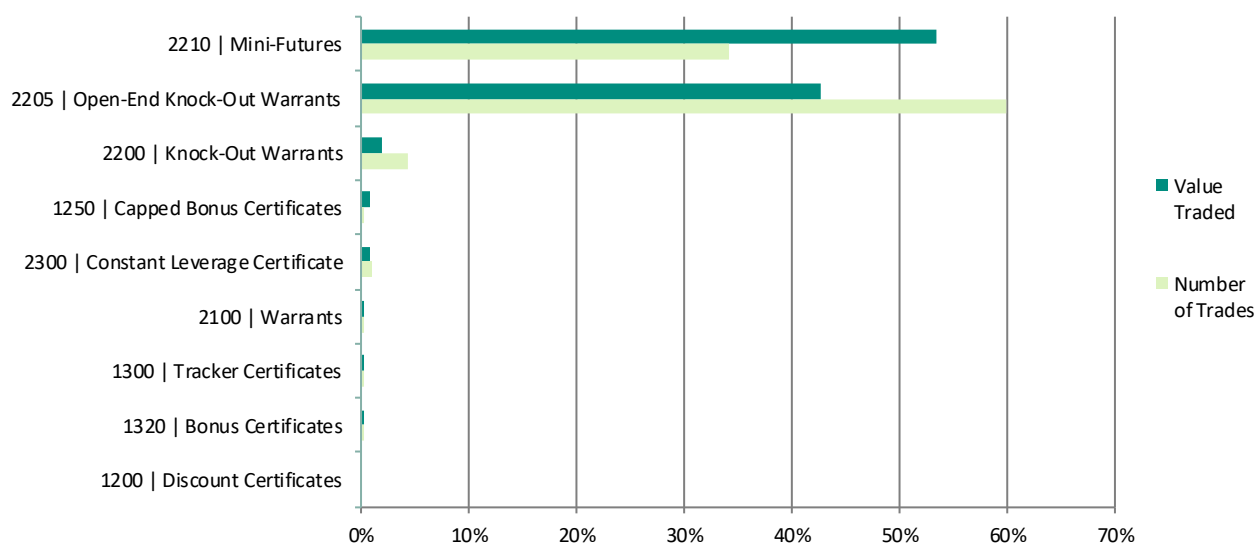
## Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2210   Mini-Futures	10,793	5.9%	-2.6%	53.4%	2,272	-16.8%	-21.1%	34.2%
2205   Open-End Knock-Out Warrants	8,643	-10.8%	-25%	42.8%	3,984	-12.8%	-24%	60.0%
2200   Knock-Out Warrants	388	32%	-28%	1.9%	285	10.9%	-12.2%	4.3%
1250   Capped Bonus Certificates	175	31%	-0.4%	0.9%	20	22%	16.6%	0.3%
2300   Constant Leverage Certificate	148	-54%	-64%	0.7%	70	-15.1%	-45%	1.1%
2100   Warrants	43	-91%	-97%	0.2%	7.7	-90%	-95%	0.1%
1300   Tracker Certificates	12	-58%	-43%	0.1%	3.3	12.7%	18.5%	0.1%
1320   Bonus Certificates	2	-48%	-86%	0.0%	0.4	-53%	-81%	0.0%
1200   Discount Certificates	0			0.0%	0.0			0.0%
<b>Total</b>	<b>20,203</b>	<b>-4.5%</b>	<b>-19.9%</b>	<b>100%</b>	<b>6,642</b>	<b>-14.1%</b>	<b>-24%</b>	<b>100%</b>

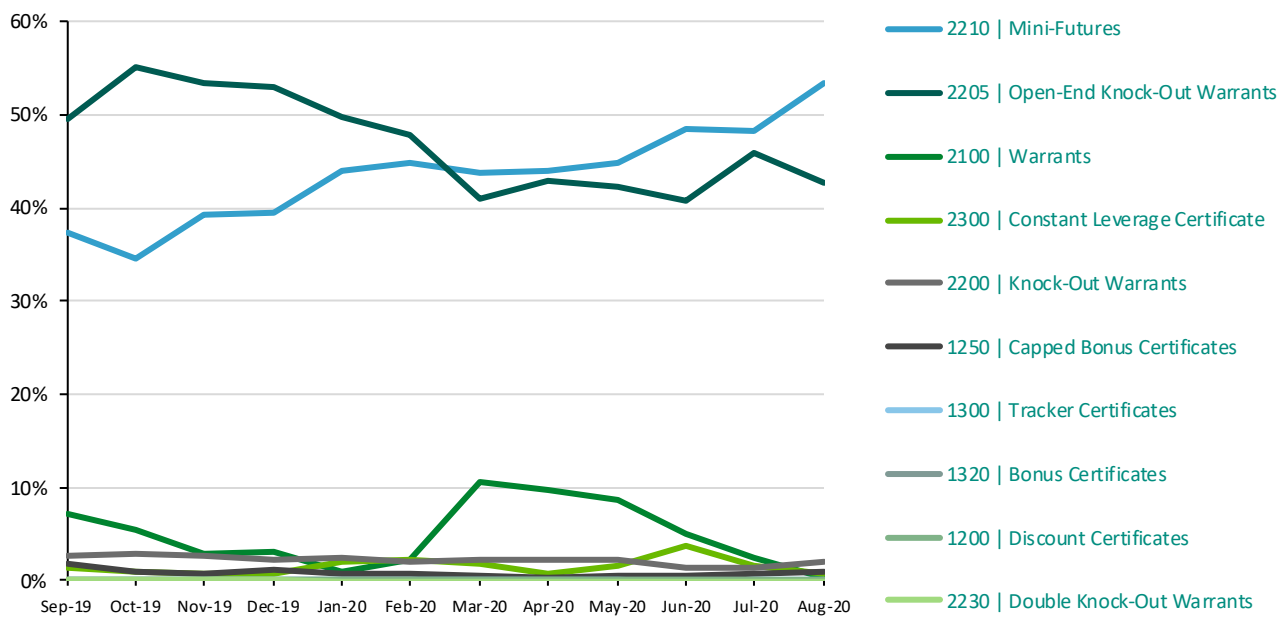
(Source Euronext)



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

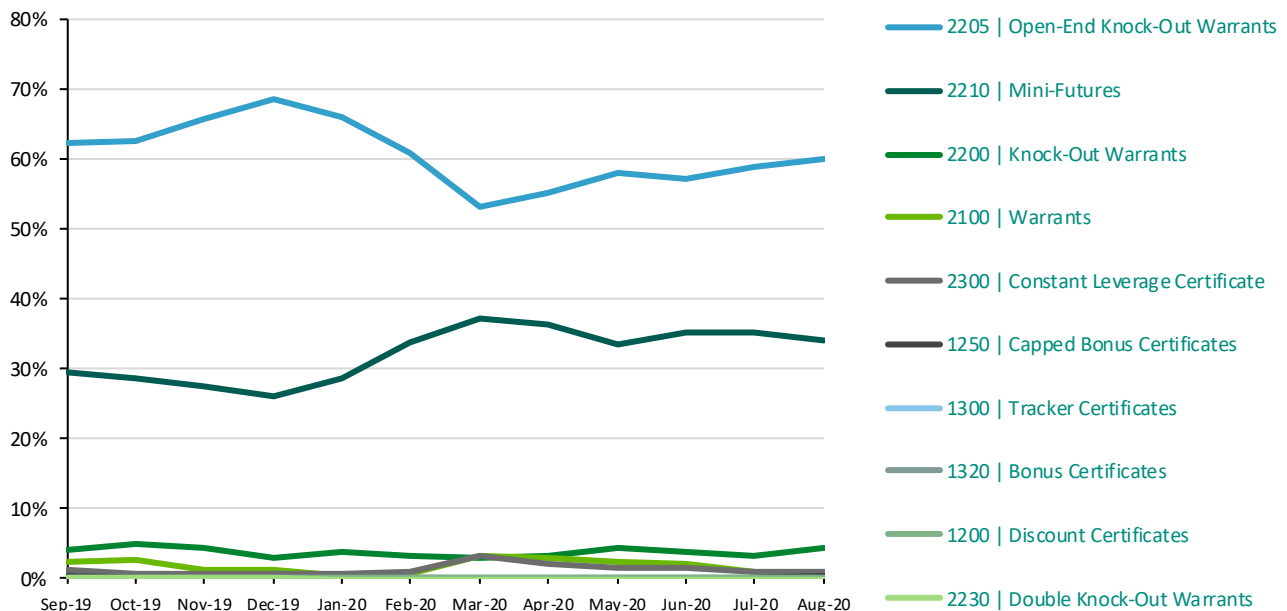
## Market Trend: Value traded

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)

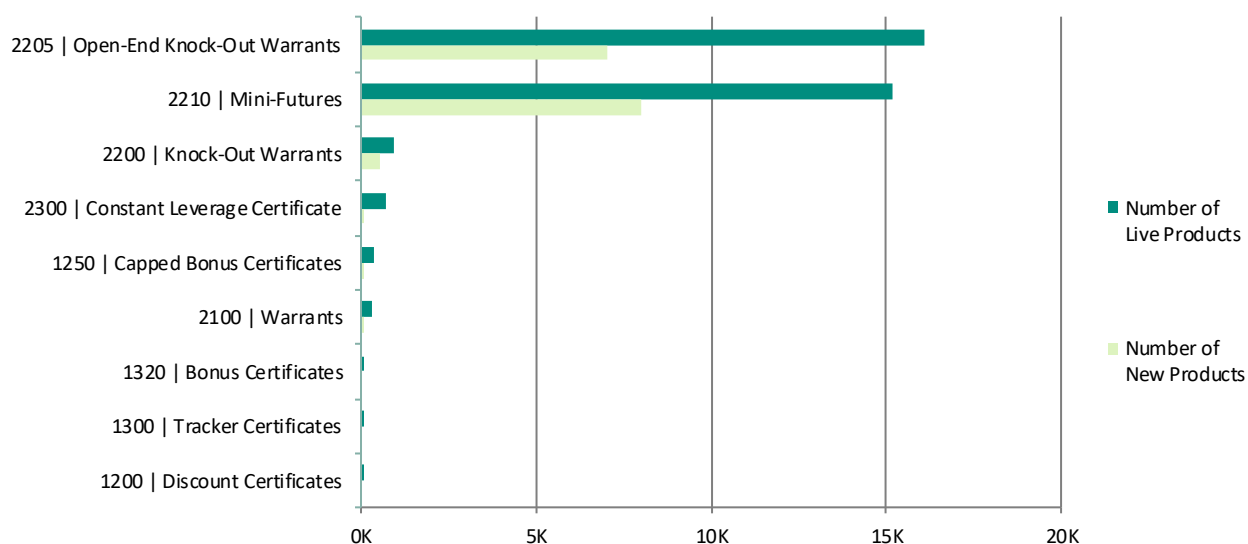
## Product Overview

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	16,118	7.1%	25%	47.7%	7,061	-26%	2.3%	44.8%
2210   Mini-Futures	15,209	10.5%	22%	45.0%	8,033	-11.7%	24%	51.0%
2200   Knock-Out Warrants	946	21%	11.6%	2.8%	549	-29%	-6.5%	3.5%
2300   Constant Leverage Certificate	696	-16.0%	11.6%	2.1%	58	-70%	-59%	0.4%
1250   Capped Bonus Certificates	383	1.3%	24%	1.1%	35	150%	-33%	0.2%
2100   Warrants	330	-10.8%	-3.7%	1.0%	30	15.4%	-46%	0.2%
1320   Bonus Certificates	70	-1.4%	-10.8%	0.2%	0		-100%	0.0%
1300   Tracker Certificates	55	0.9%	-2.7%	0.2%	0			0.0%
1200   Discount Certificates	4	-11.4%	-19.2%	0.0%	0		-100%	0.0%
<b>Total</b>	<b>33,811</b>	<b>8.1%</b>	<b>23%</b>	<b>100%</b>	<b>15,766</b>	<b>-19.8%</b>	<b>10.8%</b>	<b>100%</b>

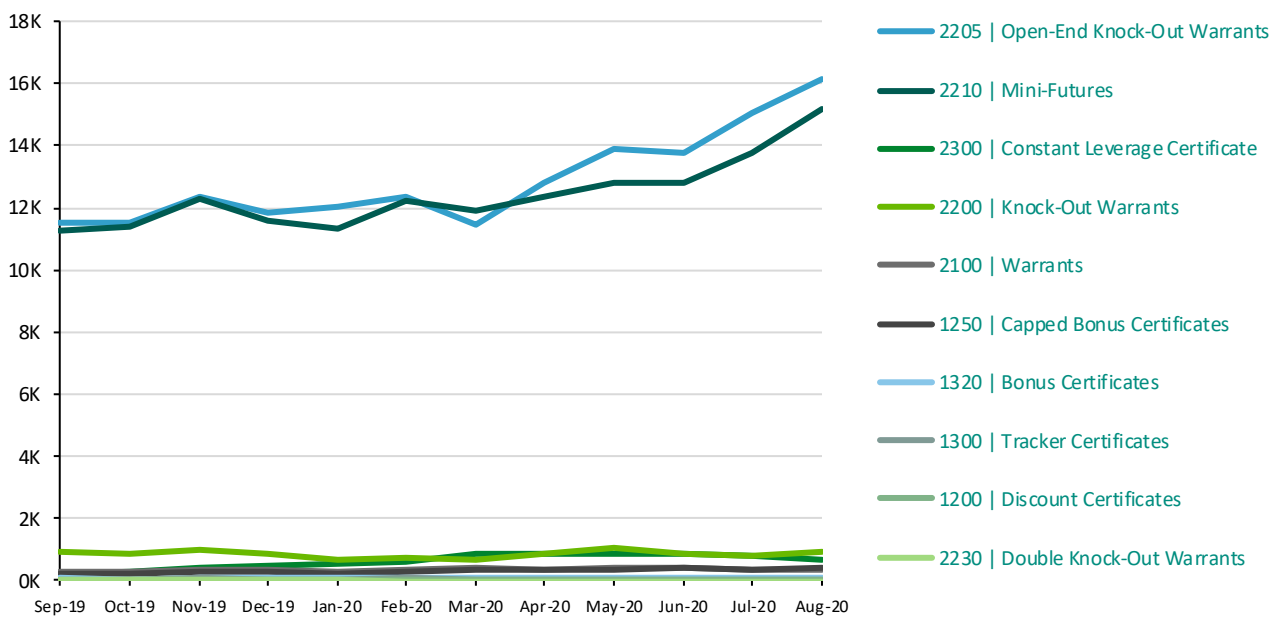
(Source Euronext)



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

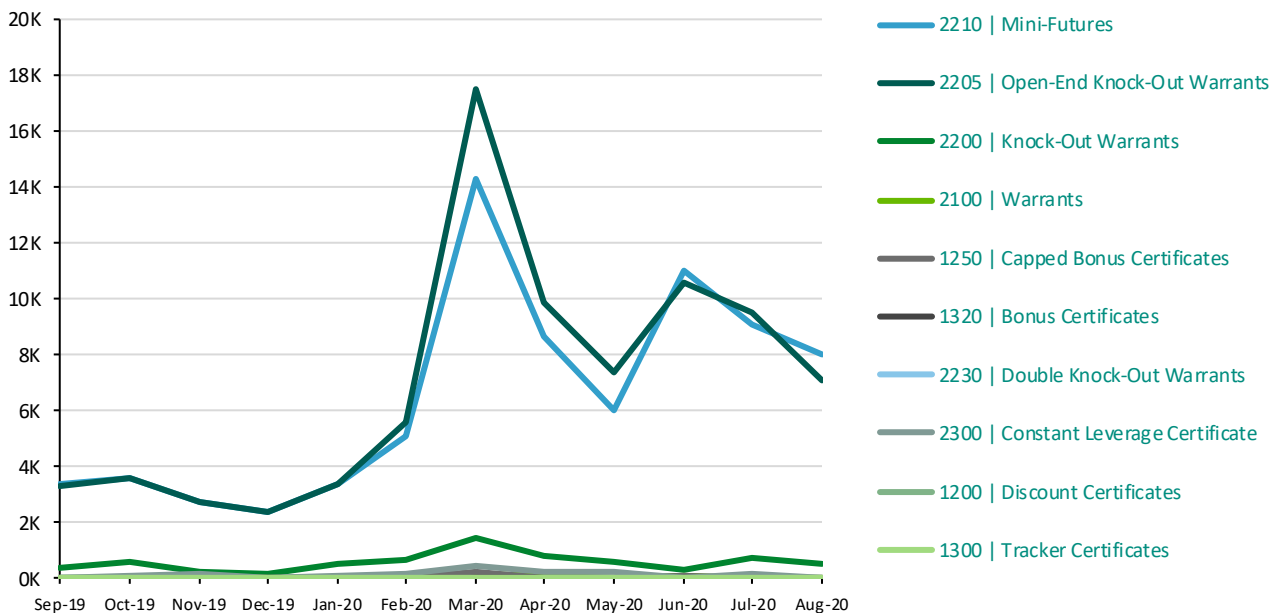
## Product Trend: Number of Live Products

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

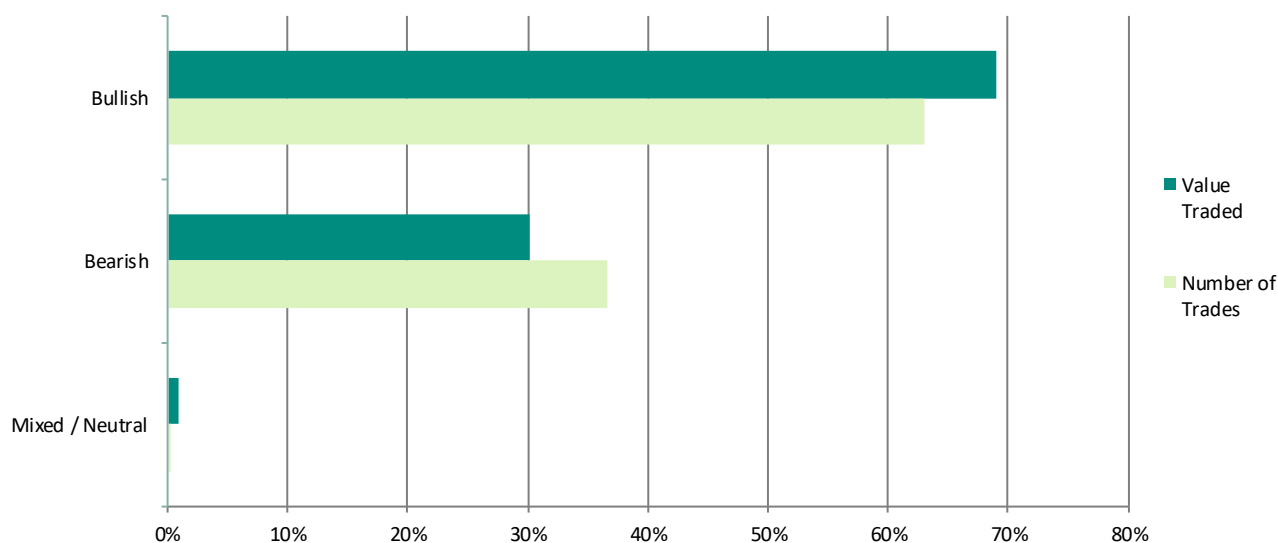
## Market Overview

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	13,954	4.1%	-14.6%	69.1%	4,192	-9.0%	-19.2%	63.1%
Bearish	6,074	-20%	-30%	30.1%	2,431	-22%	-31%	36.6%
Mixed / Neutral	175	31%	-0.4%	0.9%	20	22%	15.6%	0.3%
Total	20,203	-4.5%	-19.9%	100%	6,642	-14.1%	-24.0%	100%

(Source Euronext)

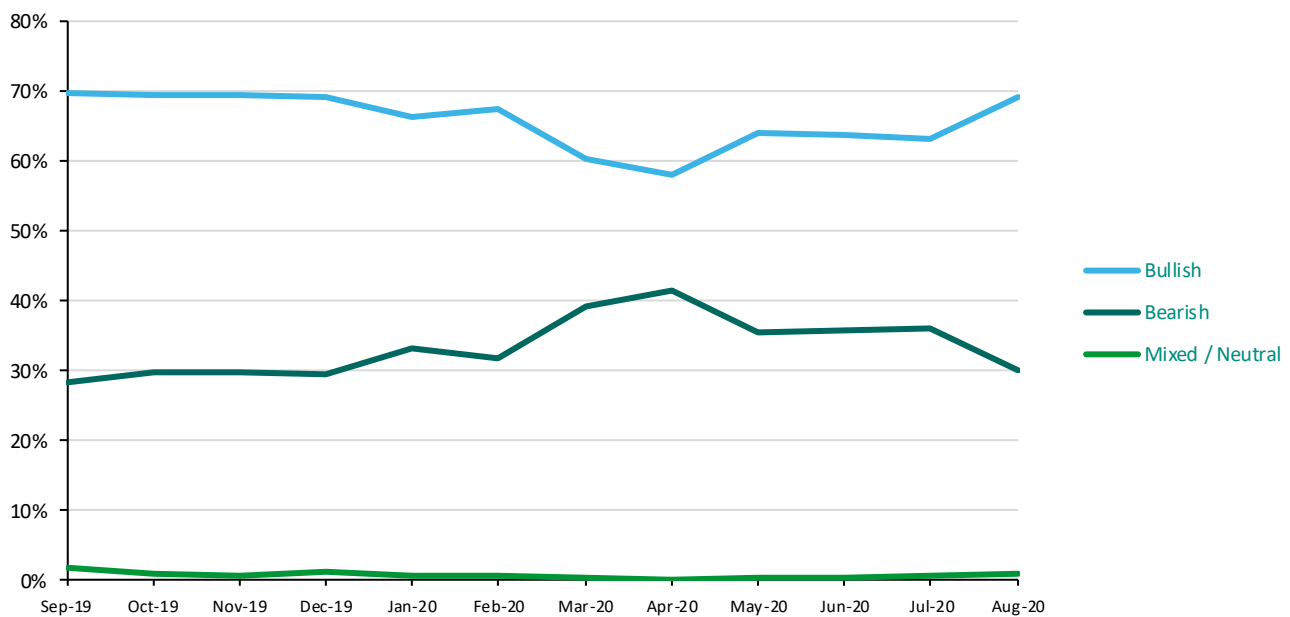




# PRODUCT STRATEGIES

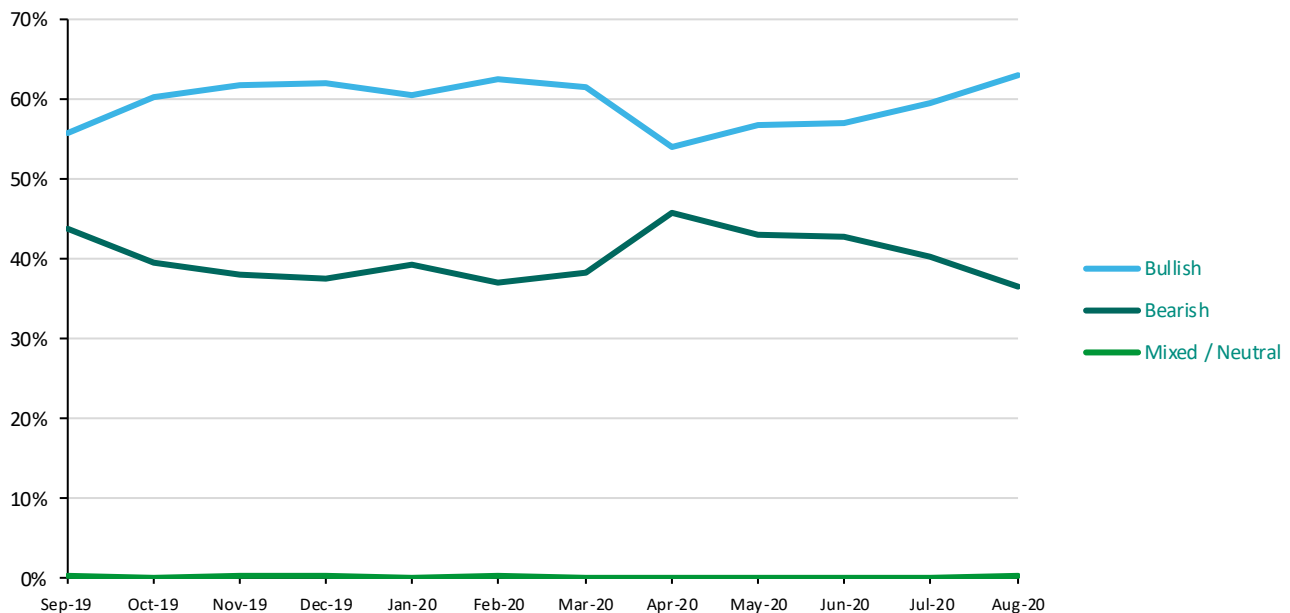
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

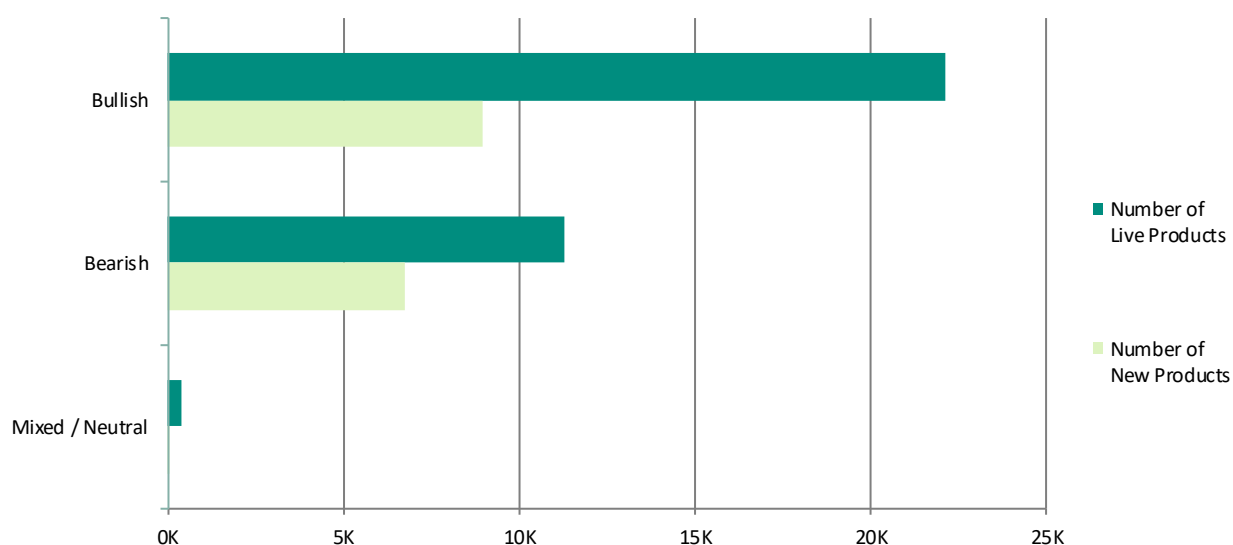
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	22,120	6.8%	26%	65.4%	8,987	-10.1%	11.4%	57.0%
Bearish	11,304	10.9%	17.0%	33.4%	6,744	-30%	10.3%	42.8%
Mixed / Neutral	387	1.1%	17.7%	1.1%	35	150%	-38%	0.2%
<b>Total</b>	<b>33,811</b>	<b>8.1%</b>	<b>22.5%</b>	<b>100%</b>	<b>15,766</b>	<b>-19.8%</b>	<b>10.8%</b>	<b>100%</b>

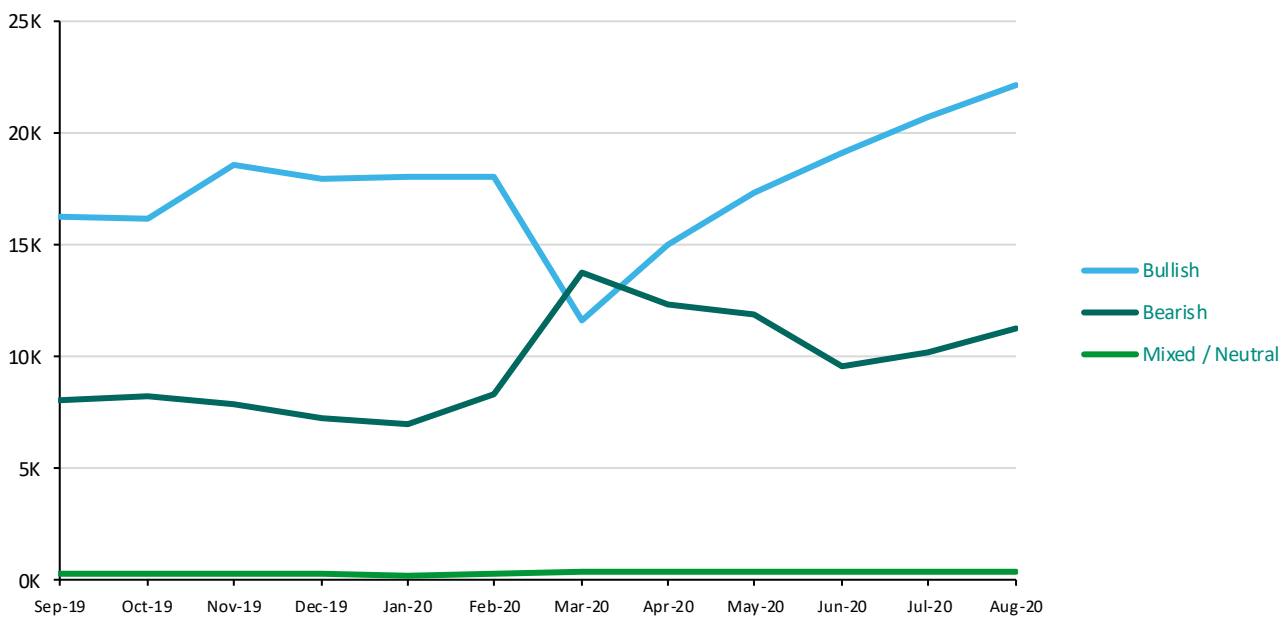
(Source Euronext)



# PRODUCT STRATEGIES

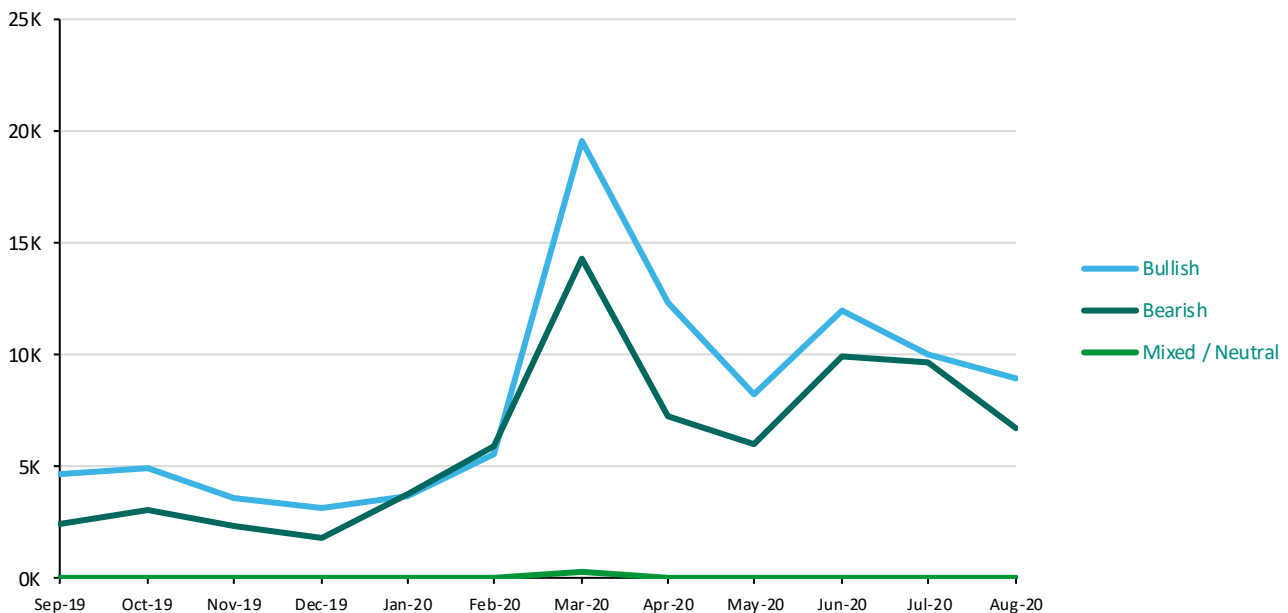
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# UNDERLYING TYPES

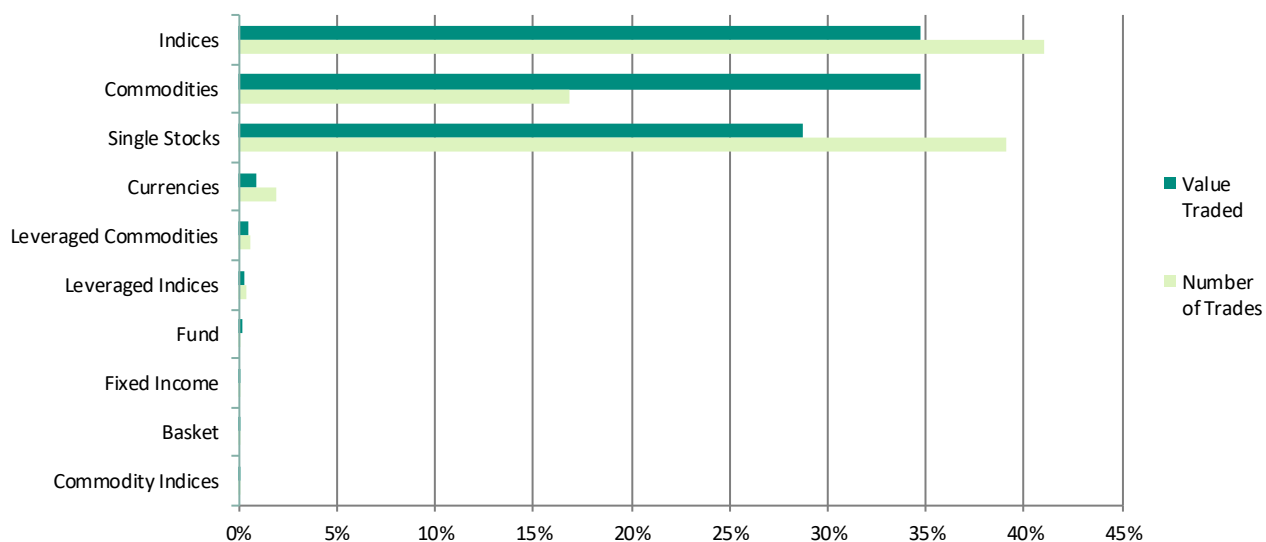
## Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	7,011	-33%	-42%	34.7%	2,728	-29.3%	-36.6%	41.1%
Commodities	7,006	93%	94%	34.7%	1,115	43.2%	33.3%	16.8%
Single Stocks	5,813	-2.4%	-22%	28.8%	2,598	-8.7%	-18.8%	39.1%
Currencies	179	-26%	-43%	0.9%	124	11.1%	3.7%	1.9%
Leveraged Commodities	89	3.0%	14.3%	0.4%	40	48.7%	19.7%	0.6%
Leveraged Indices	53	-76%	-82%	0.3%	24	-45.9%	-64.7%	0.4%
Fund	32	-93%	-98%	0.2%	5.4	-91.4%	-96.5%	0.1%
Fixed Income	14	-37%	-70%	0.1%	5.4	11.5%	-55.3%	0.1%
Basket	6	-69%	-54%	0.0%	1.1	-27.0%	-8.1%	0.0%
Commodity Indices	0	62%	-22%	0.0%	0.0	9.5%	-42.2%	0.0%
<b>Total</b>	<b>20,203</b>	<b>-4.5%</b>	<b>-19.9%</b>	<b>100%</b>	<b>6,642</b>	<b>-14.1%</b>	<b>-24.0%</b>	<b>100%</b>

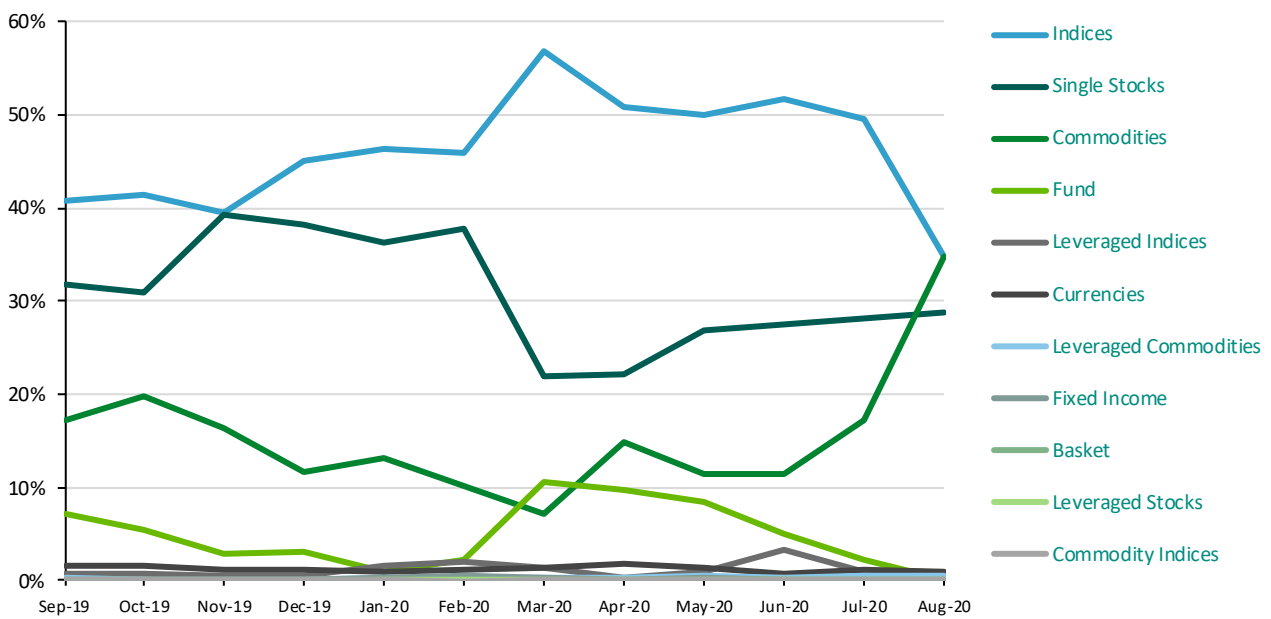
(Source Euronext)



# UNDERLYING TYPES

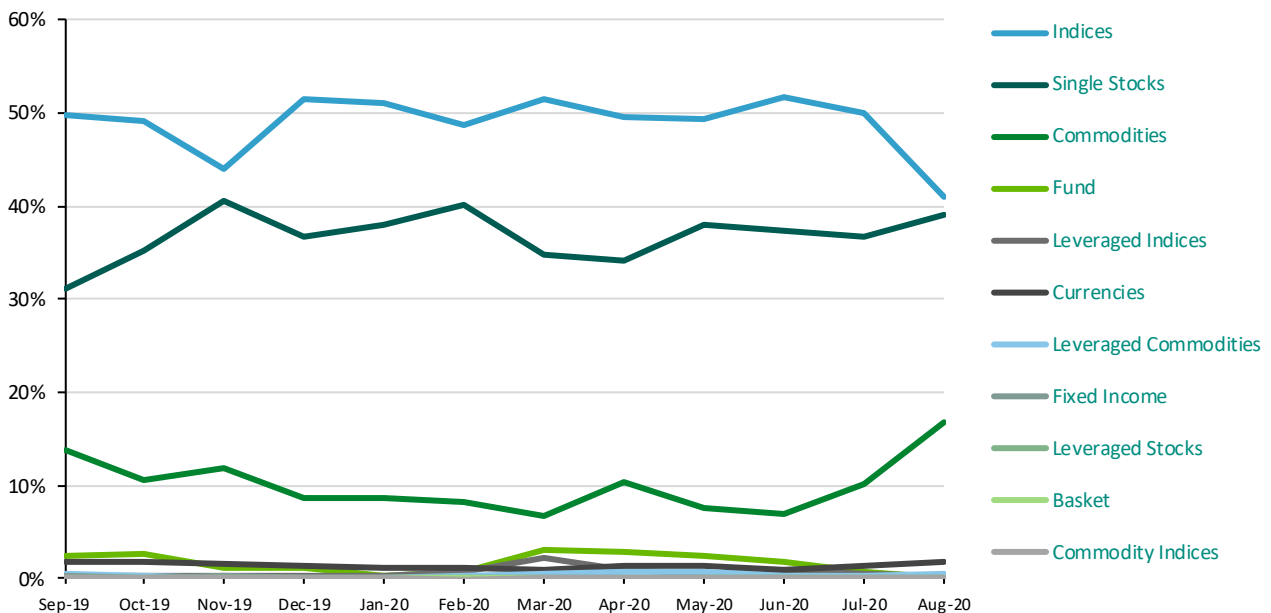
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## UNDERLYING TYPES

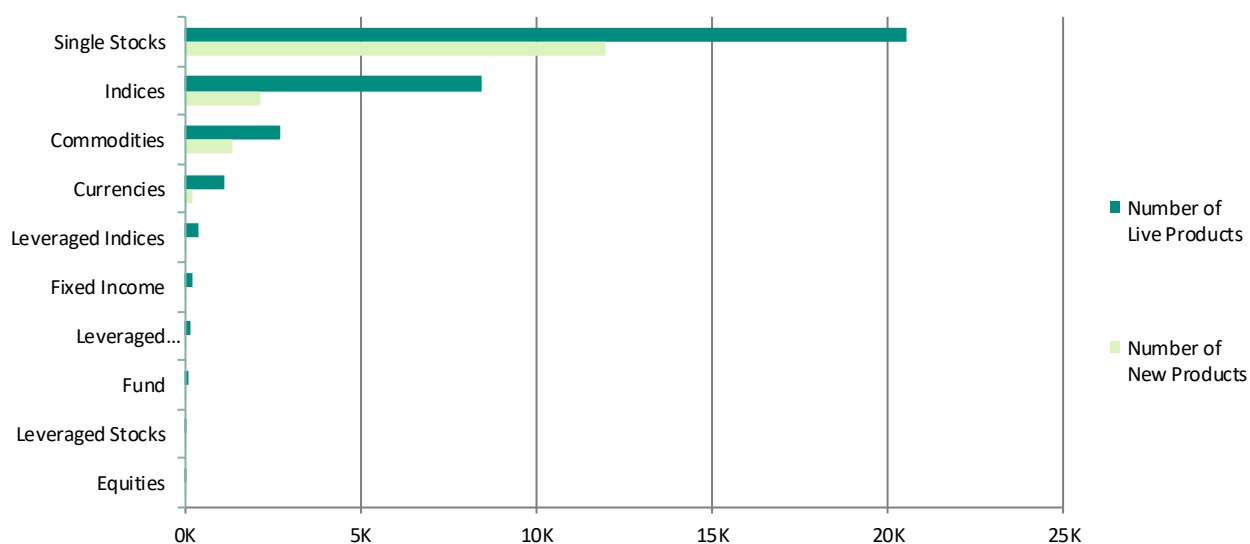
### Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	20,551	10.1%	22%	60.8%	11,979	-19.5%	25%	76.0%
Indices	8,470	3.2%	21%	25.1%	2,144	-30%	-36%	13.6%
Commodities	2,704	17.4%	37%	8.0%	1,335	2.6%	43%	8.5%
Currencies	1,145	8.4%	22%	3.4%	206	-26%	-7.7%	1.3%
Leveraged Indices	367	-17.3%	27%	1.1%	13	-77%	-77%	0.1%
Fixed Income	200	-0.9%	-11.9%	0.6%	12	33%	-34%	0.1%
Leveraged Commodities	182	-22%	9.0%	0.5%	16	-76%	-72%	0.1%
Fund	112	0.5%	16.2%	0.3%	1	0.0%	-61%	0.0%
Leveraged Stocks	44	-30%	-14.8%	0.1%	7	-50%	-62%	0.0%
Equities	21		362%	0.1%	53		NA	0.3%
<b>Total</b>	<b>33,811</b>	<b>8.1%</b>	<b>22.5%</b>	<b>100%</b>	<b>15,766</b>	<b>-19.8%</b>	<b>10.8%</b>	<b>100%</b>

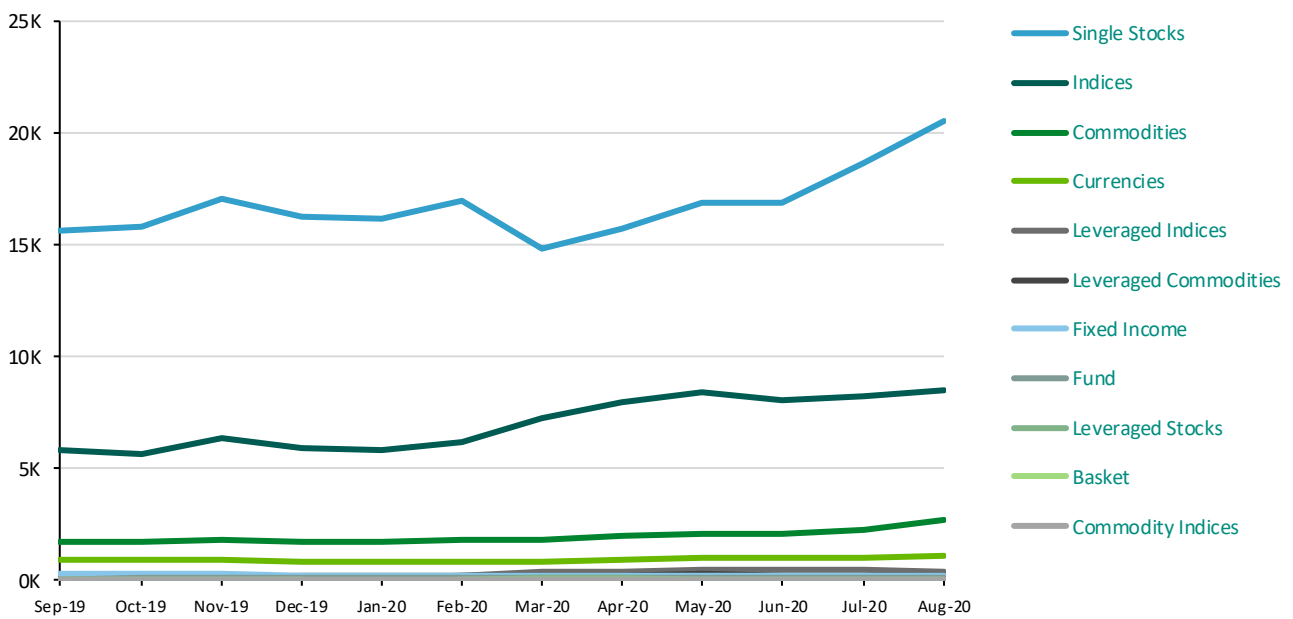
(Source Euronext)



# UNDERLYING TYPES

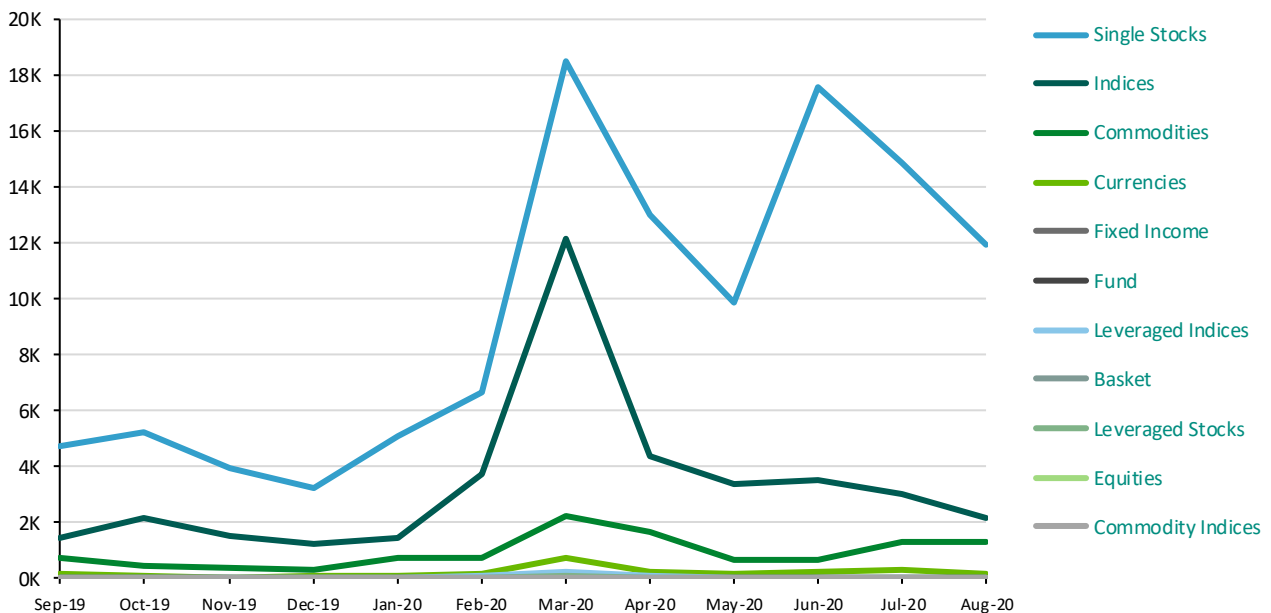
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYING COUNTRIES

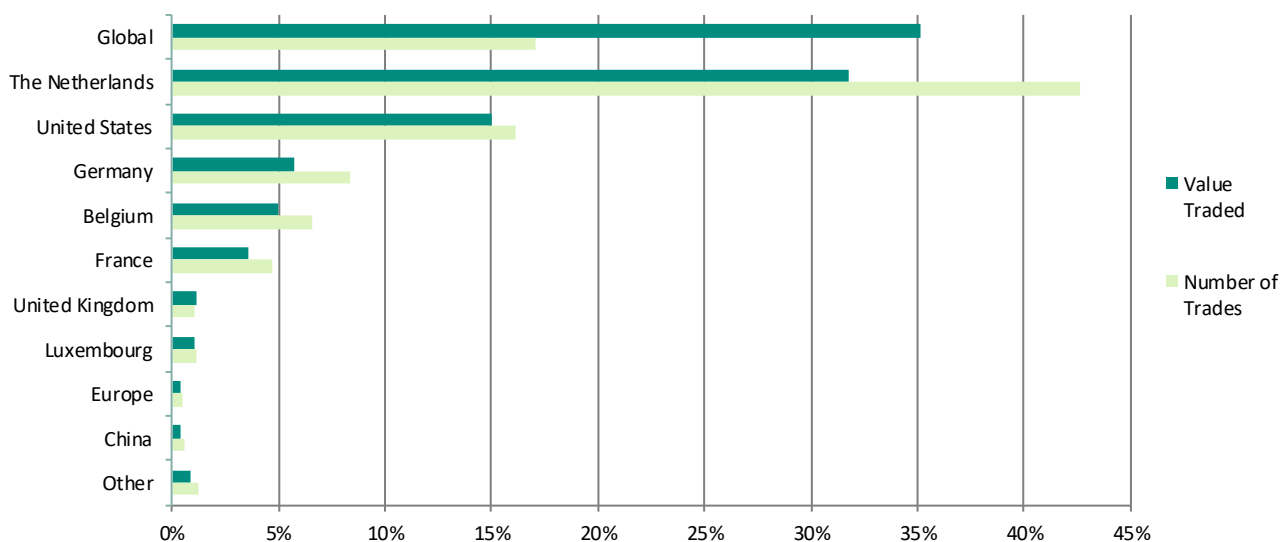
## Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Global	7,102	95%	94%	35.2%	1,135	45.3%	33.6%	17.1%
The Netherlands	6,421	-23%	-39%	31.8%	2,835	-27%	-37%	42.7%
United States	3,028	-27%	-16.0%	15.0%	1,071	-14.7%	-8.9%	16.1%
Germany	1,153	-47%	-51%	5.7%	553	-23%	-33%	8.3%
Belgium	1,004	-0.3%	-41%	5.0%	437	1.0%	-14.6%	6.6%
France	718	32%	10.0%	3.6%	311	6.9%	13.6%	4.7%
United Kingdom	220	-1.9%	-12.1%	1.1%	71	-14.2%	-13.5%	1.1%
Luxembourg	207	3.3%	-54%	1.0%	76	-12.9%	-57%	1.1%
Europe	86	-87%	-95%	0.4%	34	-69%	-84%	0.5%
China	83	67%	148%	0.4%	40	47%	177%	0.6%
Other	181	-12.2%	-46%	0.9%	81	-4.7%	-21%	1.2%
<b>Total</b>	<b>20,203</b>	<b>-4.5%</b>	<b>-19.9%</b>	<b>100%</b>	<b>6,642</b>	<b>-14.1%</b>	<b>-24.0%</b>	<b>100%</b>

(Source Euronext)

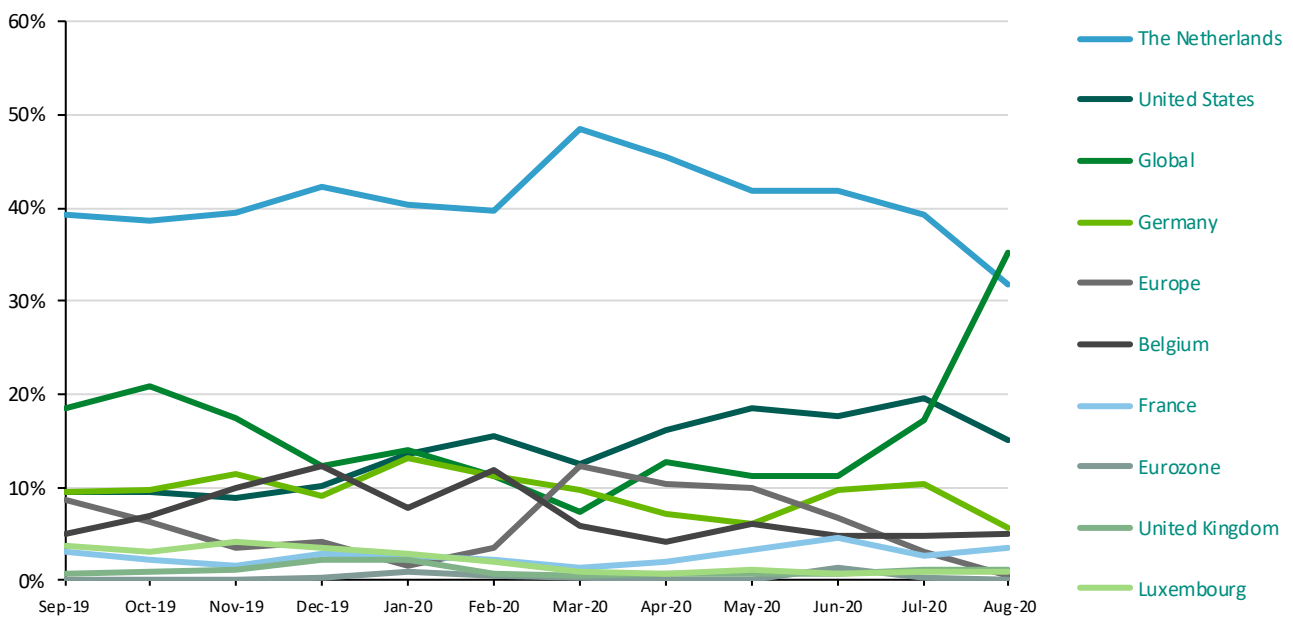




# TOP 10 UNDERLYING COUNTRIES

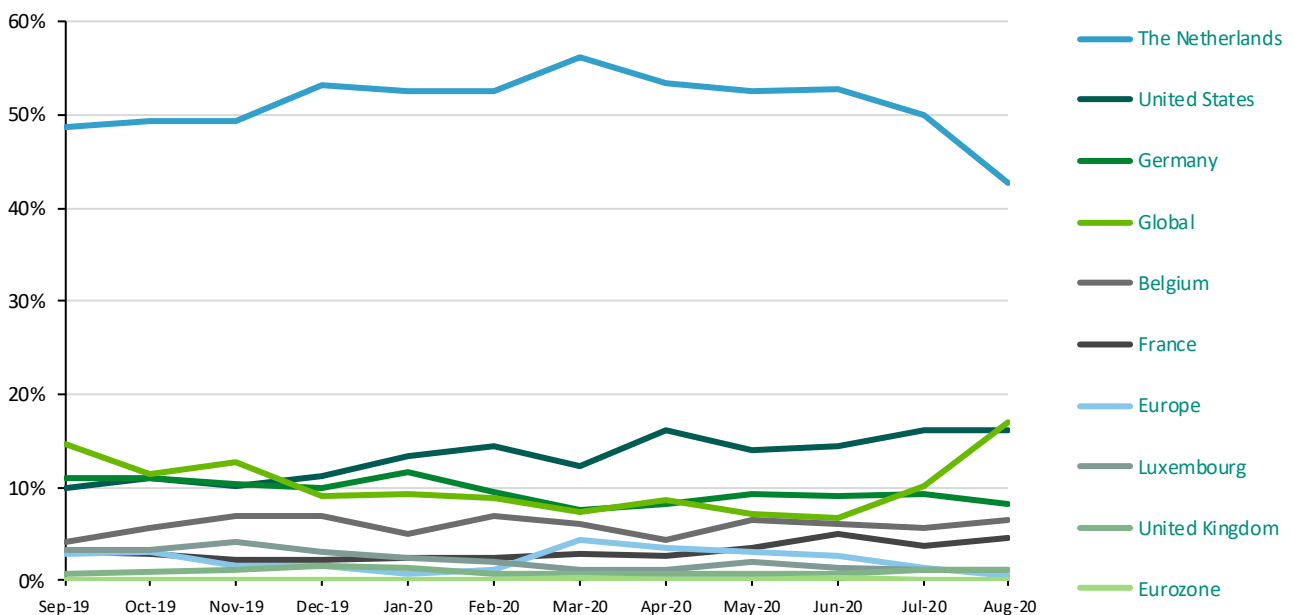
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYING COUNTRIES

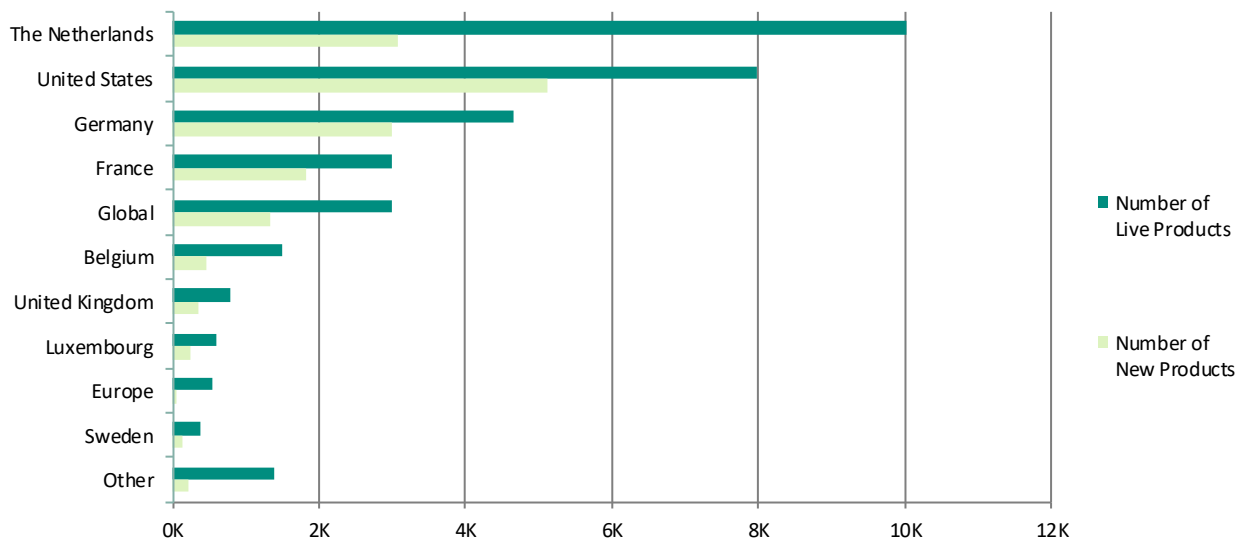
## Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
The Netherlands	10,028	2.1%	12.4%	29.7%	3,078	-22%	-25%	19.5%
United States	7,969	11.5%	35%	23.6%	5,106	-15.2%	40%	32.4%
Germany	4,667	15.7%	41%	13.8%	2,990	-35%	17.4%	19.0%
France	3,000	15.7%	29%	8.9%	1,817	2.1%	45%	11.5%
Global	2,990	12.6%	24%	8.8%	1,326	-3.8%	41%	8.4%
Belgium	1,496	-2.6%	1.8%	4.4%	468	-13.7%	-15.7%	3.0%
United Kingdom	791	7.8%	13.4%	2.3%	337	-13.4%	32%	2.1%
Luxembourg	587	8.1%	-2.2%	1.7%	238	-14.1%	-33%	1.5%
Europe	528	-2.4%	14.2%	1.6%	58	-28%	-57%	0.4%
Sweden	377	15.4%	43%	1.1%	128	-54%	-11.8%	0.8%
Other	1,378	1.8%	14.7%	4.1%	220	-33%	-33%	1.4%
<b>Total</b>	<b>33,811</b>	<b>8.1%</b>	<b>22.5%</b>	<b>100%</b>	<b>15,766</b>	<b>-19.8%</b>	<b>10.8%</b>	<b>100%</b>

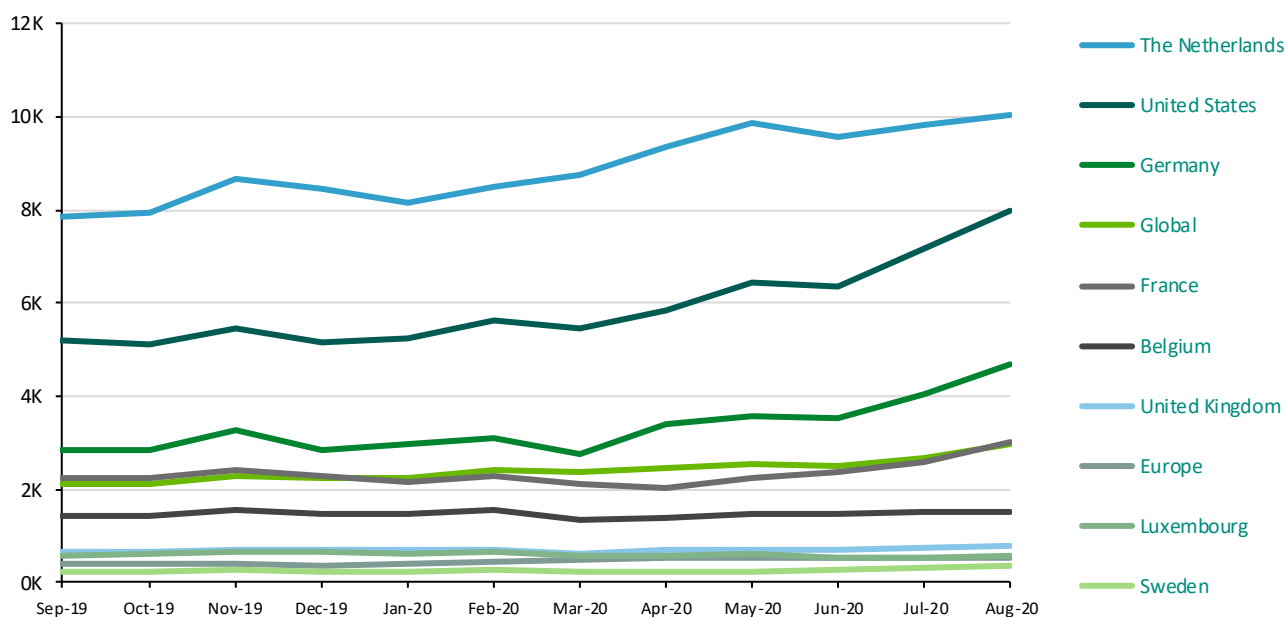
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

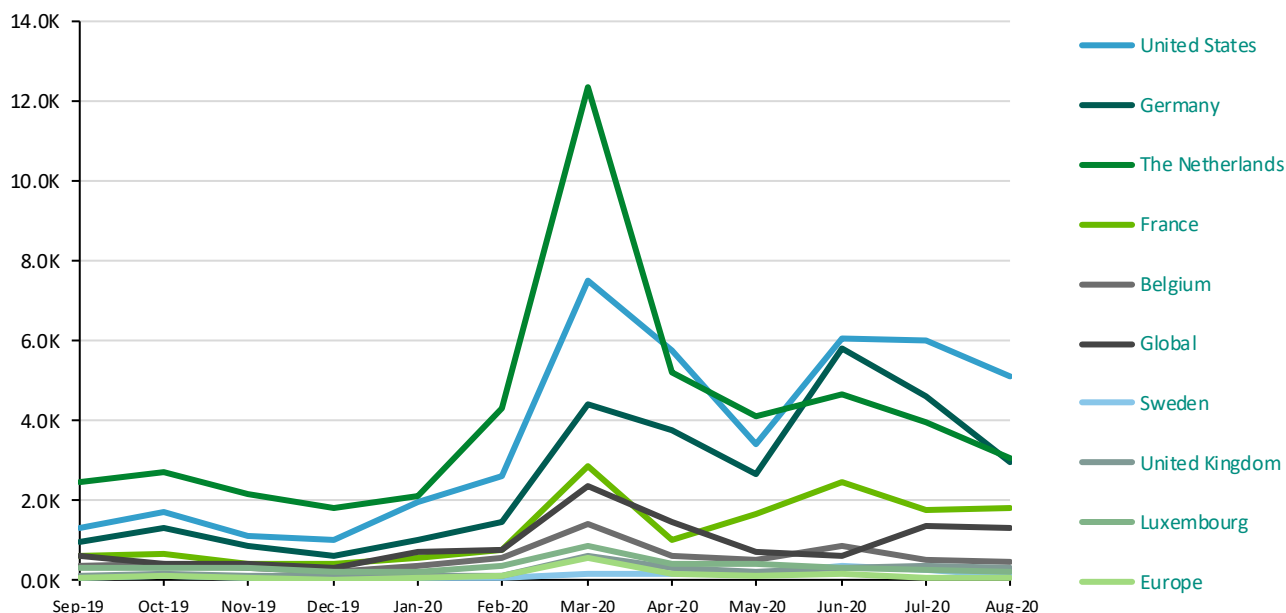
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 10 UNDERLYINGS

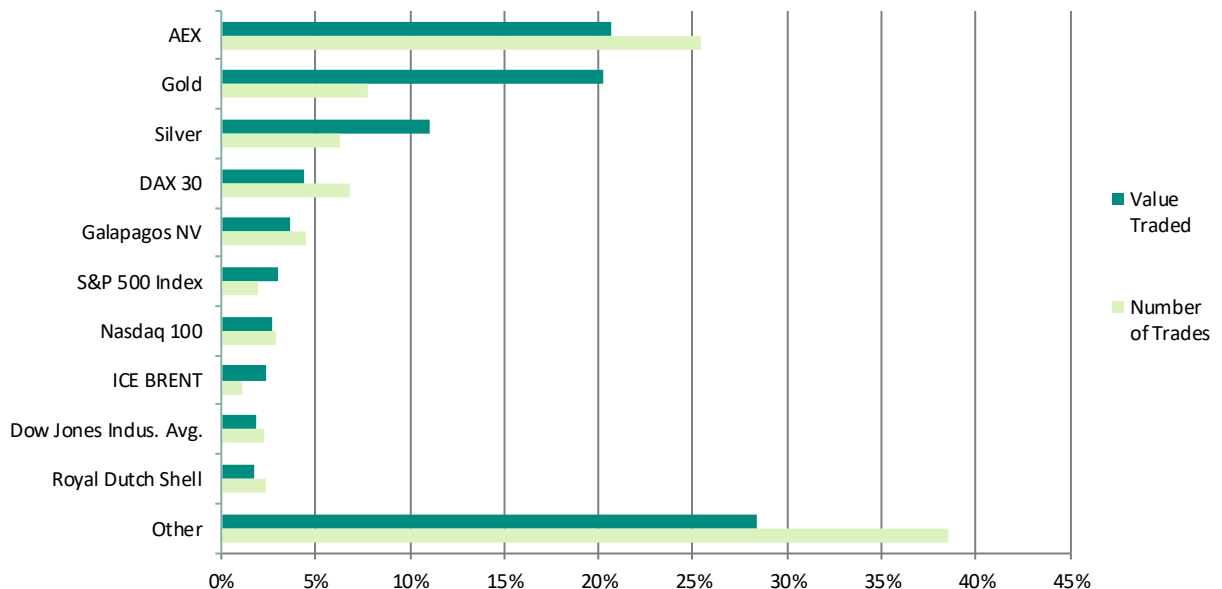
## Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	4,173	-26%	-42%	20.7%	1,692	-31.5%	-40.0%	25.5%
Gold	4,094	137%	118%	20.3%	514	76%	72%	7.7%
Silver	2,234	104%	290%	11.1%	418	62%	165%	6.3%
DAX 30	879	-55%	-57%	4.4%	451	-26%	-35%	6.8%
Galapagos NV	735	5.9%	-45%	3.6%	296	3.7%	-15.6%	4.5%
S&P 500 Index	613	-21%	-2.5%	3.0%	127	-16.7%	-24%	1.9%
Nasdaq 100	536	-29%	-19.2%	2.7%	194	-24%	-13.5%	2.9%
ICE BRENT	470	-15.1%	-35%	2.3%	75	-40%	-66%	1.1%
Dow Jones Indus. Avg.	368	-62%	-58%	1.8%	151	-32%	-32%	2.3%
Royal Dutch Shell	359	39%	-13.8%	1.8%	161	-4.7%	-28%	2.4%
Other	5,741	-14.2%	-36%	28.4%	2,563	-11.4%	-24%	38.6%
<b>Total</b>	<b>20,203</b>	<b>-4.5%</b>	<b>-19.9%</b>	<b>100%</b>	<b>6,642</b>	<b>-14.1%</b>	<b>-24.0%</b>	<b>100%</b>

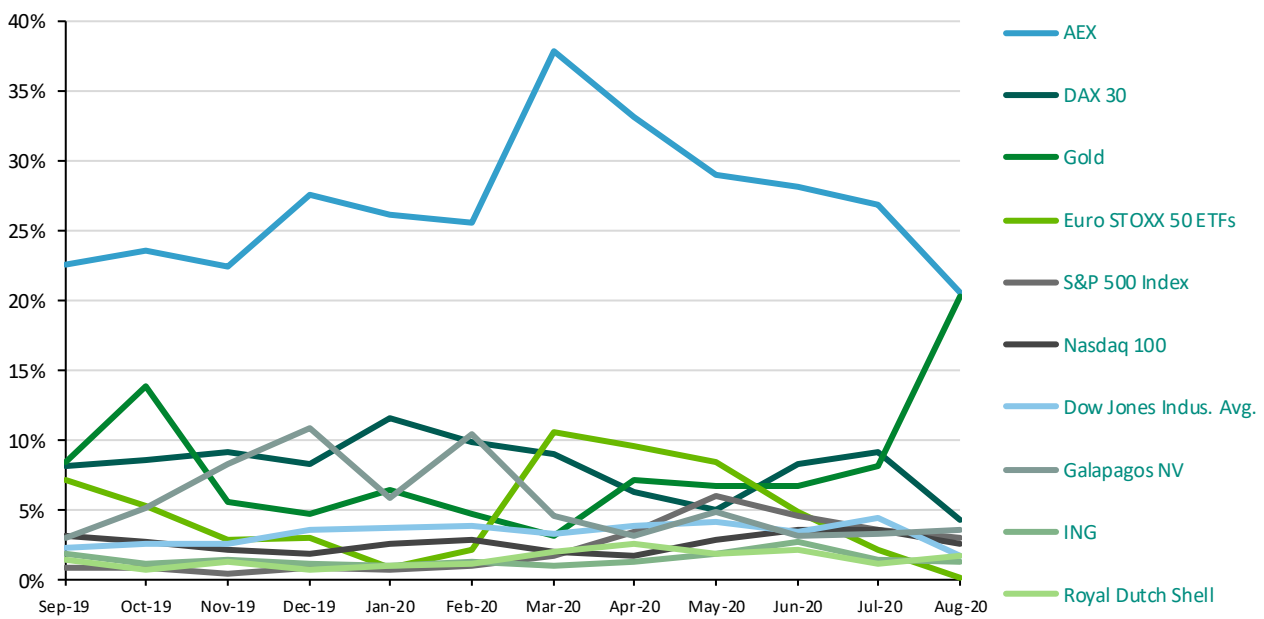
(Source Euronext)



# TOP 10 UNDERLYINGS

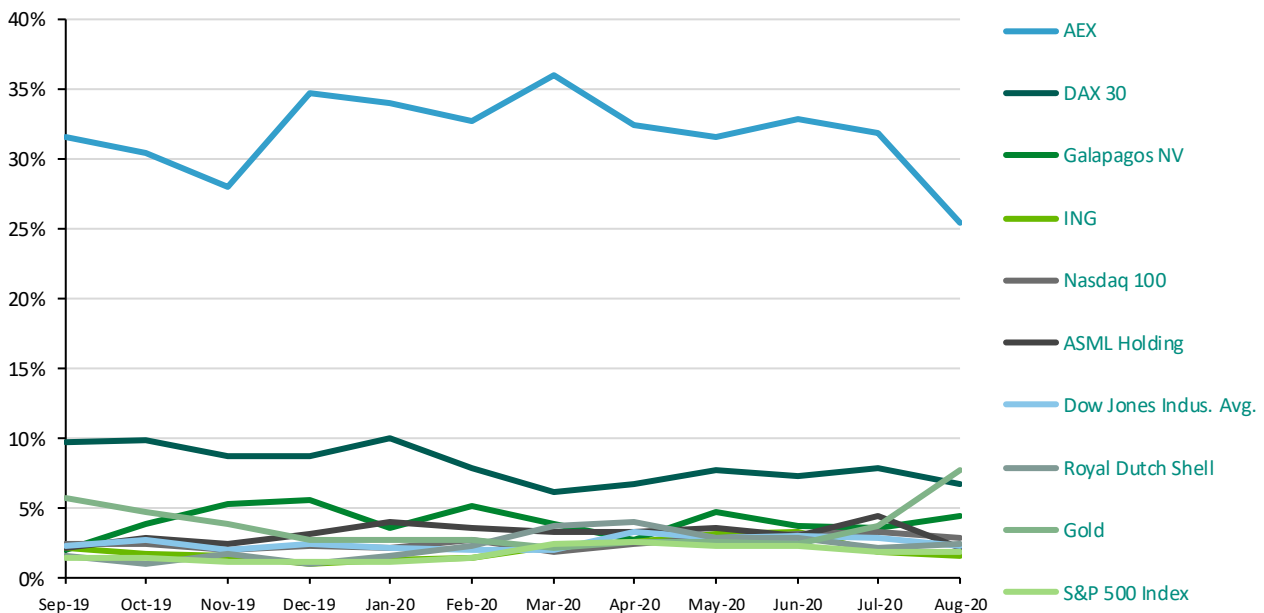
## Market Trend: Value traded

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

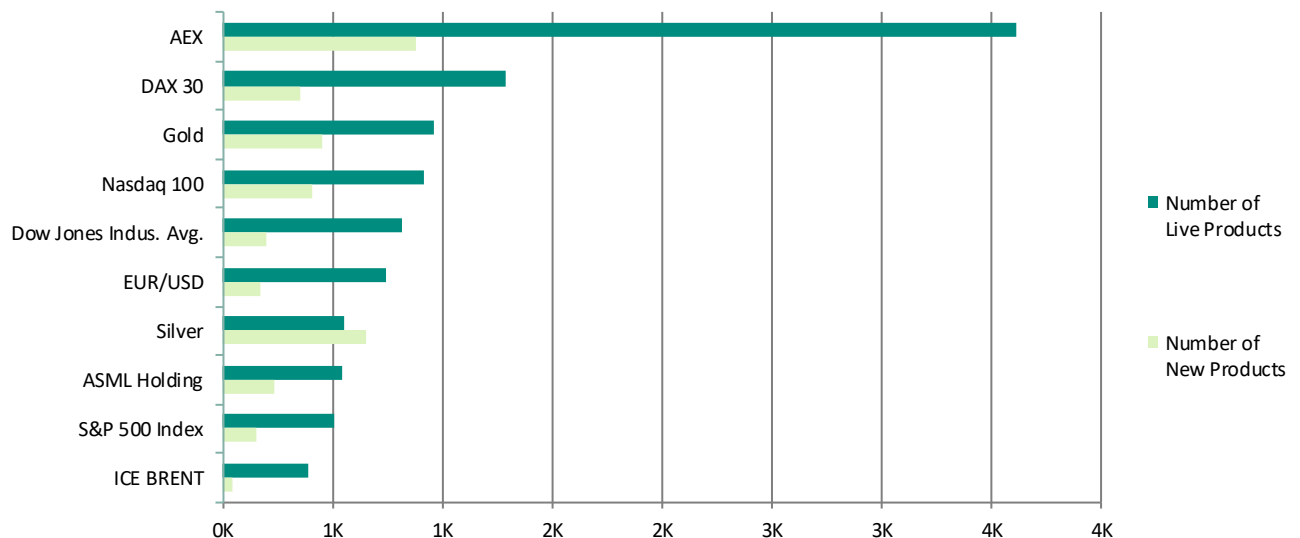
## Product Overview

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	3,615	0.8%	21%	10.7%	877	-31%	-43%	5.6%
DAX 30	1,287	5.7%	24%	3.8%	349	-43%	-38%	2.2%
Gold	963	19.1%	49%	2.8%	455	7.1%	114%	2.9%
Nasdaq 100	917	16.5%	47%	2.7%	406	-16.5%	18.2%	2.6%
Dow Jones Indus. Avg.	812	-0.4%	20%	2.4%	202	-36%	-45%	1.3%
EUR/USD	746	13.5%	36%	2.2%	171	-30%	4.3%	1.1%
Silver	553	56%	72%	1.6%	652	14.6%	217%	4.1%
ASML Holding	541	3.0%	8.3%	1.6%	231	-35%	-12.3%	1.5%
S&P 500 Index	507	7.9%	16.0%	1.5%	150	21%	-16.5%	1.0%
ICE BRENT	386	3.6%	14.2%	1.1%	47	-43%	-75%	0.3%
Other	23,485	8.2%	21%	69.5%	12,226	-19.4%	19.7%	77.5%
Total	33,811	8.1%	22.5%	100%	15,766	-19.8%	10.8%	100%

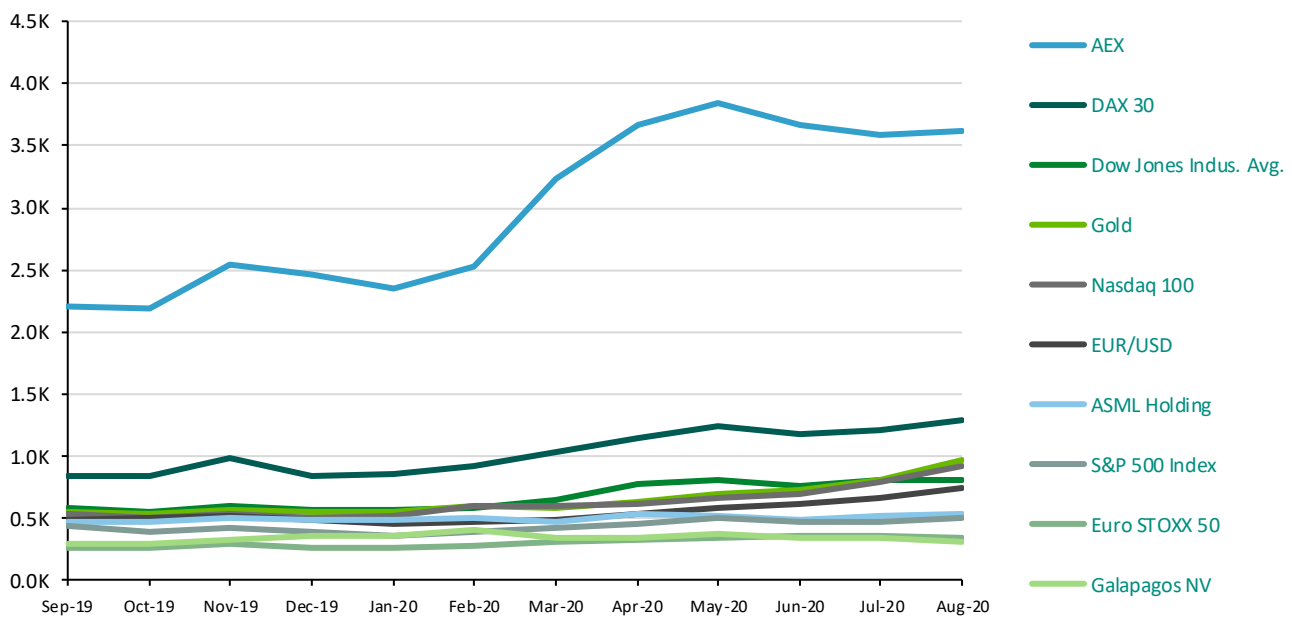
(Source Euronext)



# TOP 10 UNDERLYINGS

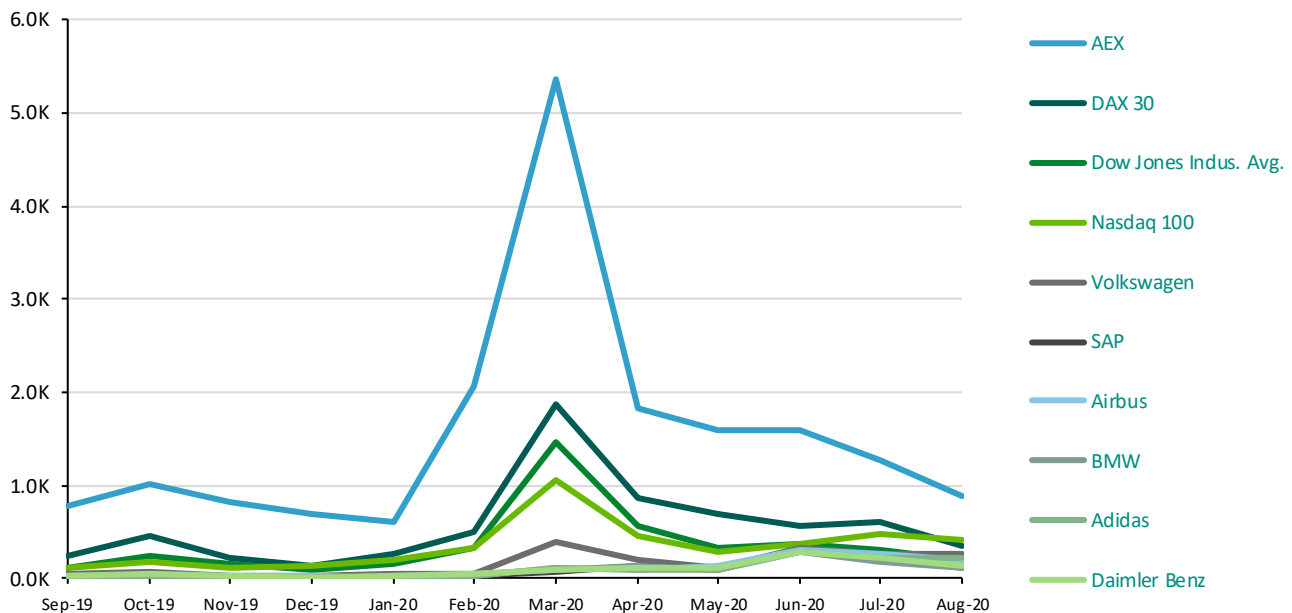
## Product Trend: Number of Live Products

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



## Product Trend: Number of New Products

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



# TOP 50 TRADED PRODUCTS

## Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NL0015463902	BNP Paribas	2210   Mini-Futures	Gold	5,944	65
NL0015466533	BNP Paribas	2210   Mini-Futures	Gold	5,544	241
NL0015468455	BNP Paribas	2210   Mini-Futures	Gold	3,690	78
NL0015450339	BNP Paribas	2210   Mini-Futures	Gold	3,480	201
NL0015287335	Goldman Sachs	2205   Open-End Knock-Out Warrants	Silver	3,422	62
NL0015454448	BNP Paribas	2210   Mini-Futures	Gold	3,064	71
NL0015450370	BNP Paribas	2210   Mini-Futures	Silver	3,006	203
NL0015471269	BNP Paribas	2210   Mini-Futures	Gold	2,896	63
NL0015468463	BNP Paribas	2210   Mini-Futures	Gold	2,832	148
NL0015455494	BNP Paribas	2210   Mini-Futures	Silver	2,701	290
NL0015466525	BNP Paribas	2210   Mini-Futures	Gold	2,580	116
NL0015463266	BNP Paribas	2210   Mini-Futures	S&P 500 Index	2,487	53
NL0015460601	BNP Paribas	2210   Mini-Futures	ICE BRENT	2,478	65
DE000VP5U160	Vontobel	2205   Open-End Knock-Out Warrants	Deutsche Bank	2,325	106
NL0014498982	BNP Paribas	2210   Mini-Futures	ICE BRENT	2,248	95
NL0015089855	BNP Paribas	2210   Mini-Futures	Silver	2,160	50
NL0015456740	BNP Paribas	2210   Mini-Futures	AEX	2,021	280
NL0015104282	BNP Paribas	2210   Mini-Futures	Gold	2,006	54
NL0015455437	BNP Paribas	2210   Mini-Futures	Gold	1,980	141
NL0015460866	BNP Paribas	2210   Mini-Futures	AEX	1,674	385
NL0015465063	BNP Paribas	2210   Mini-Futures	Gold	1,631	50
NL0015466590	BNP Paribas	2210   Mini-Futures	Gold	1,581	31
NL0015468547	BNP Paribas	2210   Mini-Futures	AEX	1,527	240
DE000VP6Q6F0	Vontobel	2205   Open-End Knock-Out Warrants	Gold	1,494	243
NL0010441531	BNP Paribas	2205   Open-End Knock-Out Warrants	Gold	1,488	65
NL0014903403	ING	2205   Open-End Knock-Out Warrants	Silver	1,459	350
NL0014904757	ING	2205   Open-End Knock-Out Warrants	Silver	1,441	291
DE000VP1NVC8	Vontobel	2205   Open-End Knock-Out Warrants	Galapagos NV	1,435	142
NL0015471277	BNP Paribas	2210   Mini-Futures	Gold	1,417	26
NL0015460742	BNP Paribas	2210   Mini-Futures	Silver	1,341	89
NL0015471251	BNP Paribas	2210   Mini-Futures	Gold	1,336	12
NL0015455536	BNP Paribas	2210   Mini-Futures	AEX	1,318	194
NL0015450842	BNP Paribas	2210   Mini-Futures	AEX	1,305	260
NL0015450941	BNP Paribas	2210   Mini-Futures	AEX	1,279	222
NL0015459173	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,278	21
NL0015113119	BNP Paribas	2210   Mini-Futures	Gold	1,247	151
DE000VP6A0A2	Vontobel	2210   Mini-Futures	Gold	1,229	236
NL0015455601	BNP Paribas	2210   Mini-Futures	AEX	1,228	271
NL0015455726	BNP Paribas	2210   Mini-Futures	S&P 500 Index	1,223	18
NL0015452707	BNP Paribas	2210   Mini-Futures	Gold	1,220	65
NL0015460833	BNP Paribas	2210   Mini-Futures	AEX	1,217	94
NL0015455619	BNP Paribas	2210   Mini-Futures	AEX	1,209	123
NL0015104324	BNP Paribas	2210   Mini-Futures	Silver	1,206	92
NL0014840282	BNP Paribas	2205   Open-End Knock-Out Warrants	CAC 40	1,186	55
NL0014666489	BNP Paribas	2210   Mini-Futures	Silver	1,166	23
DE000SR9K4U9	Société Générale	2210   Mini-Futures	Slack Technologies	1,150	78
NL0015460650	BNP Paribas	2210   Mini-Futures	Gold	1,147	56
NL0013407562	Société Générale	1250   Capped Bonus Certificates	Galapagos NV	1,102	80
NL0015480070	BNP Paribas	2210   Mini-Futures	Gold	1,080	21
NL0015093691	BNP Paribas	2210   Mini-Futures	Gold	1,062	28

(Source Euronext)





Interbolsa Instruments

# ISSUERS

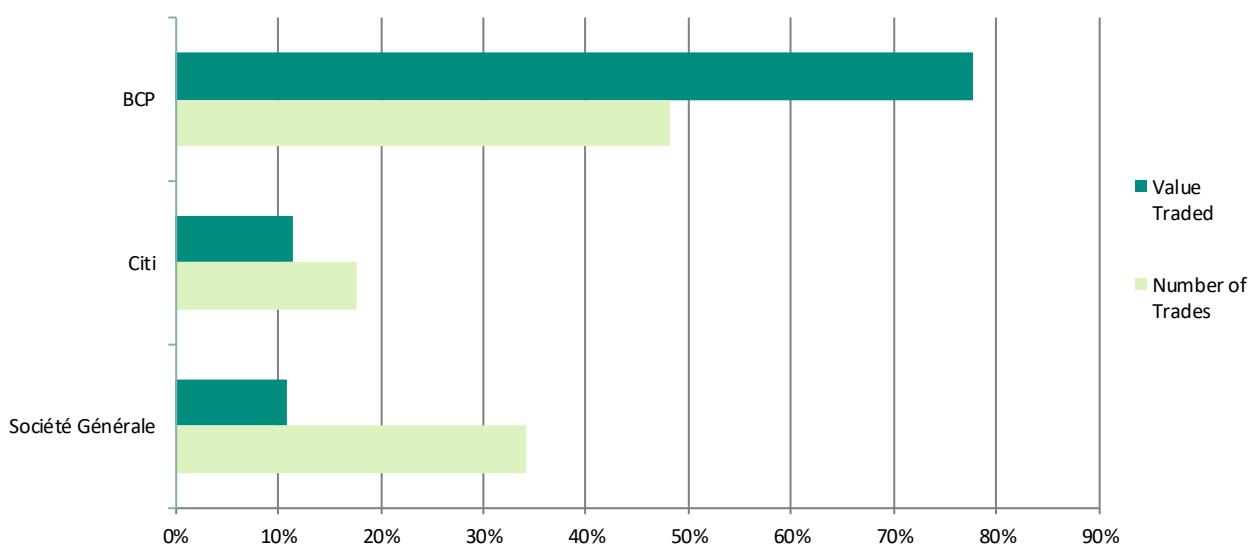
## Market Overview

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	1,176	-6.9%	-68%	77.8%	88	-5.5%	-64.4%	48.2%
Citi	172	-6.7%	-19.0%	11.4%	32	1.4%	-37.7%	17.6%
Société Générale	163	-17.2%	12.5%	10.8%	62	-30.5%	27.4%	34.2%
Total	1,511	-8.1%	-62.9%	100%	182	-15.0%	-52.3%	100%

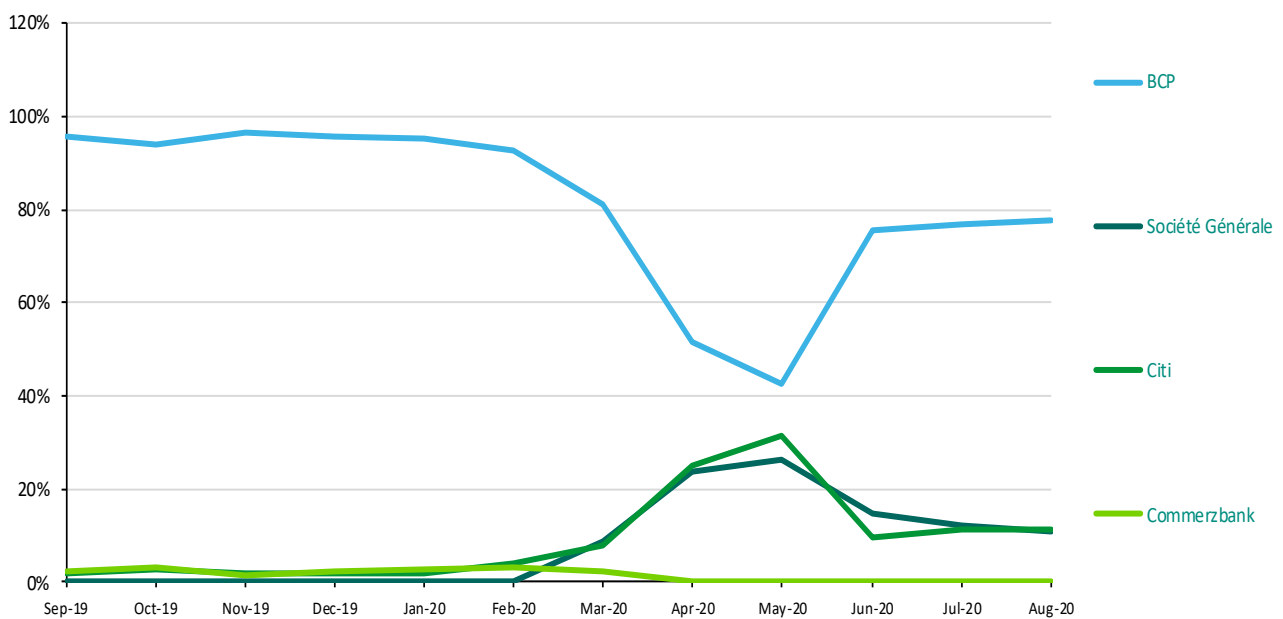
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# ISSUERS

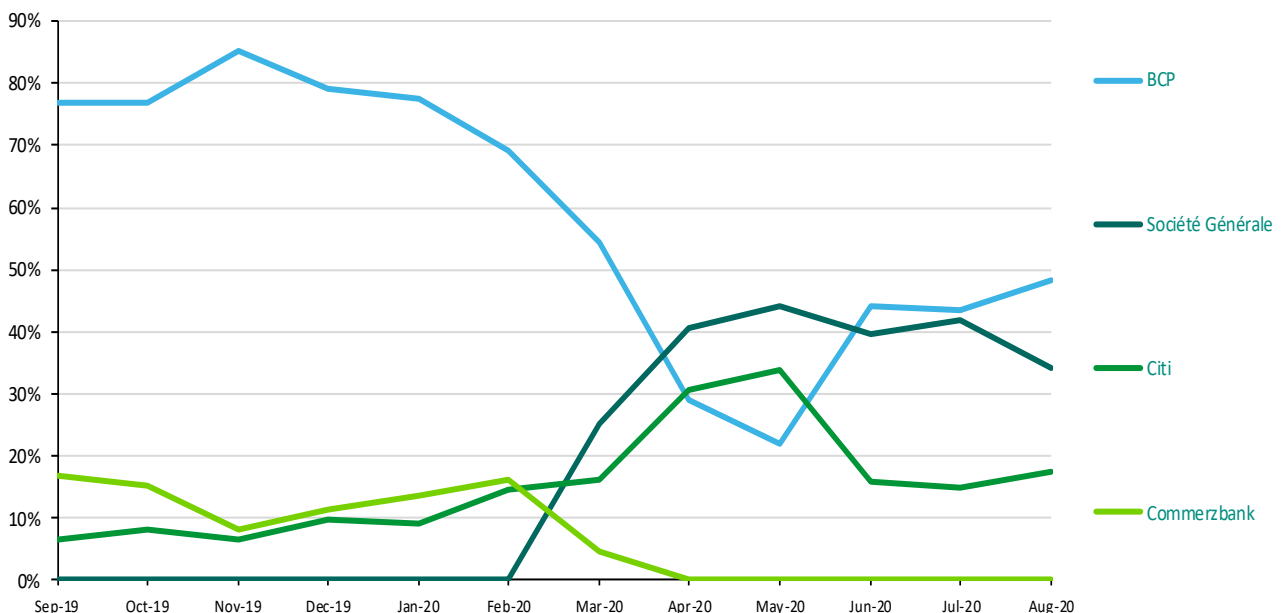
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# ISSUERS

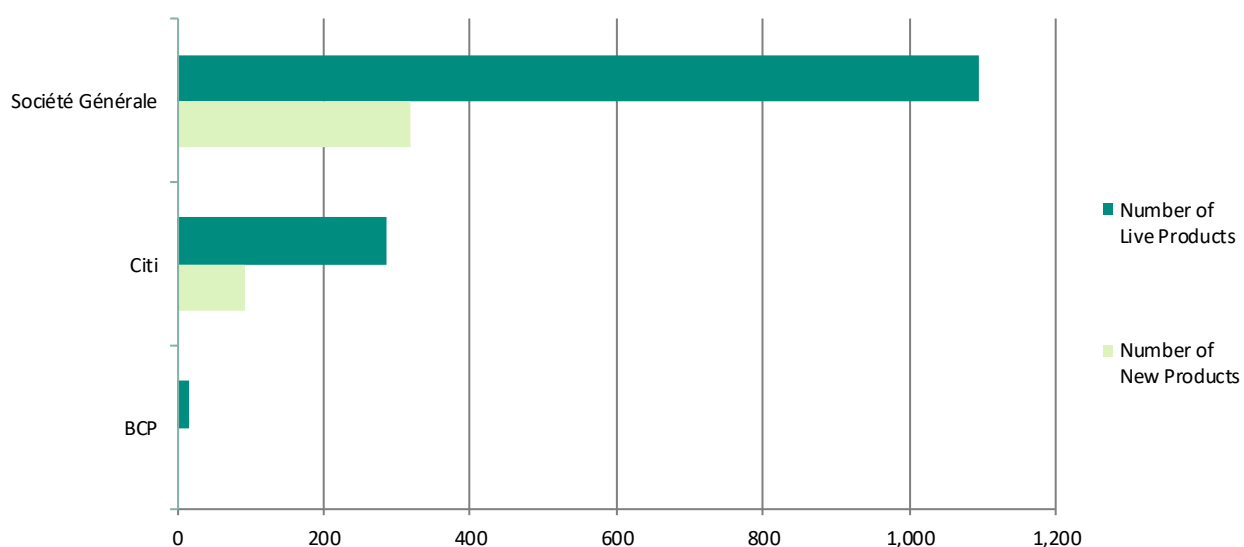
## Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	1,096	16.6%	132%	78.3%	318	-8.4%	48%	77.6%
Citi	286	6.6%	-13.7%	20.5%	92	-15.6%	-27%	22.4%
BCP	17	12.7%	-5.7%	1.2%	0	-100%	-100%	0.0%
Total	1,400	14.3%	-4.4%	100%	410	-10.7%	-5.5%	100%

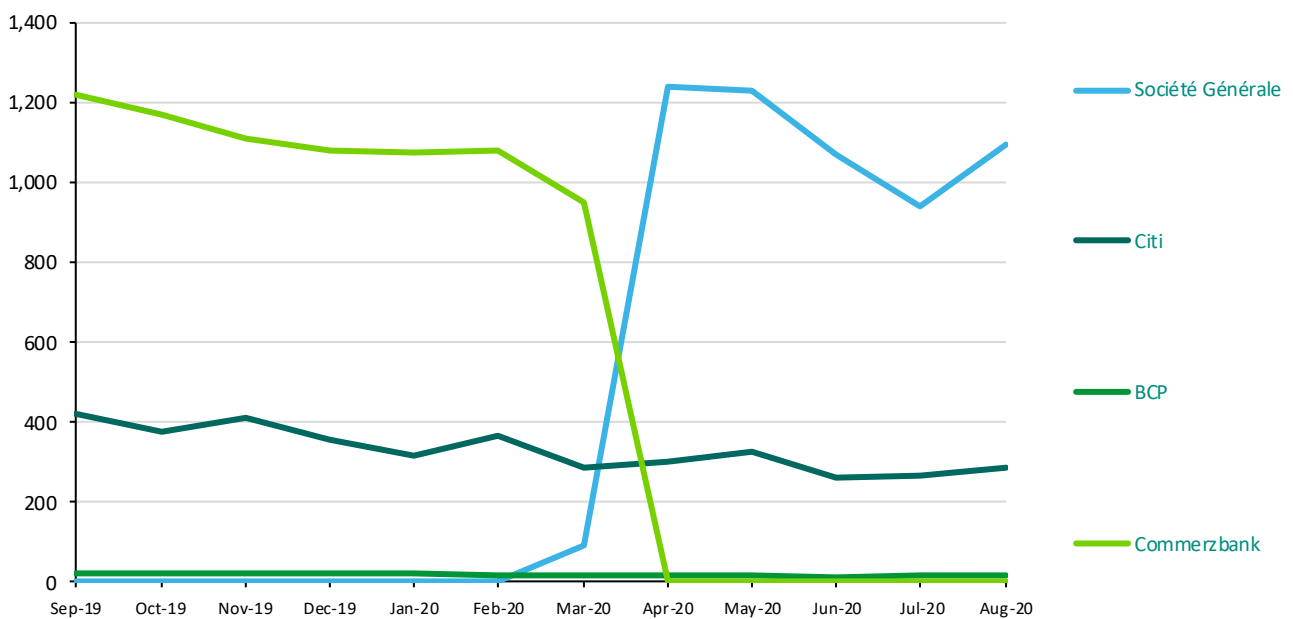
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# ISSUERS

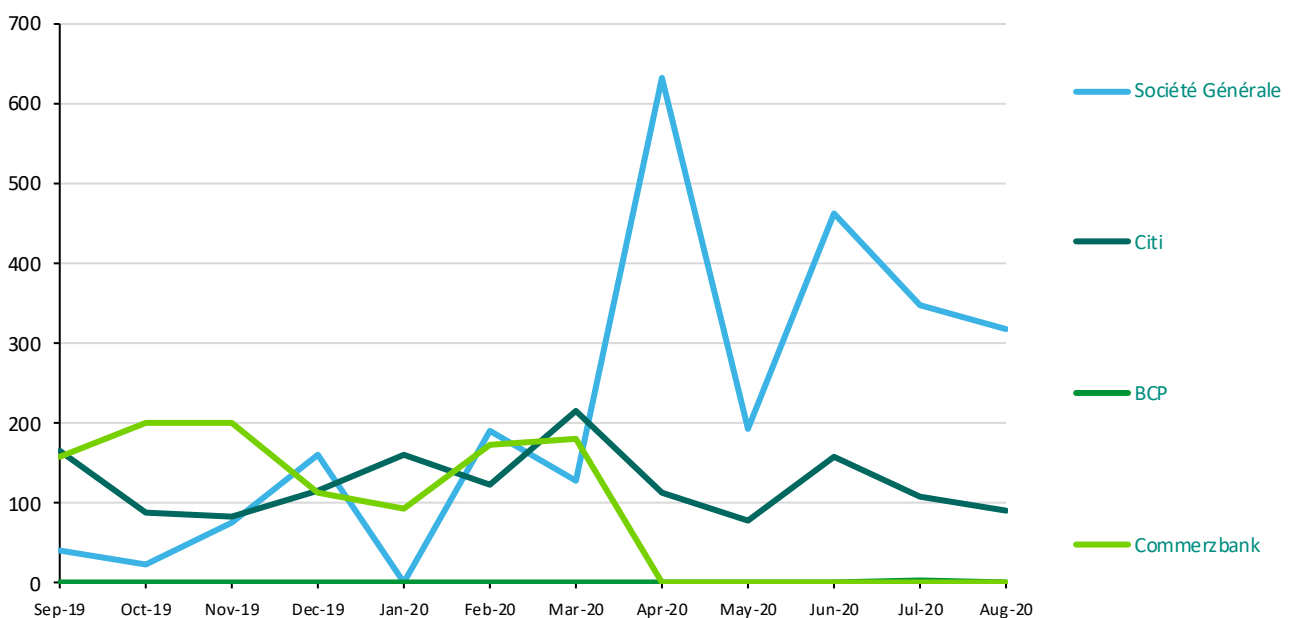
## Product Trend: Number of Live Products

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)

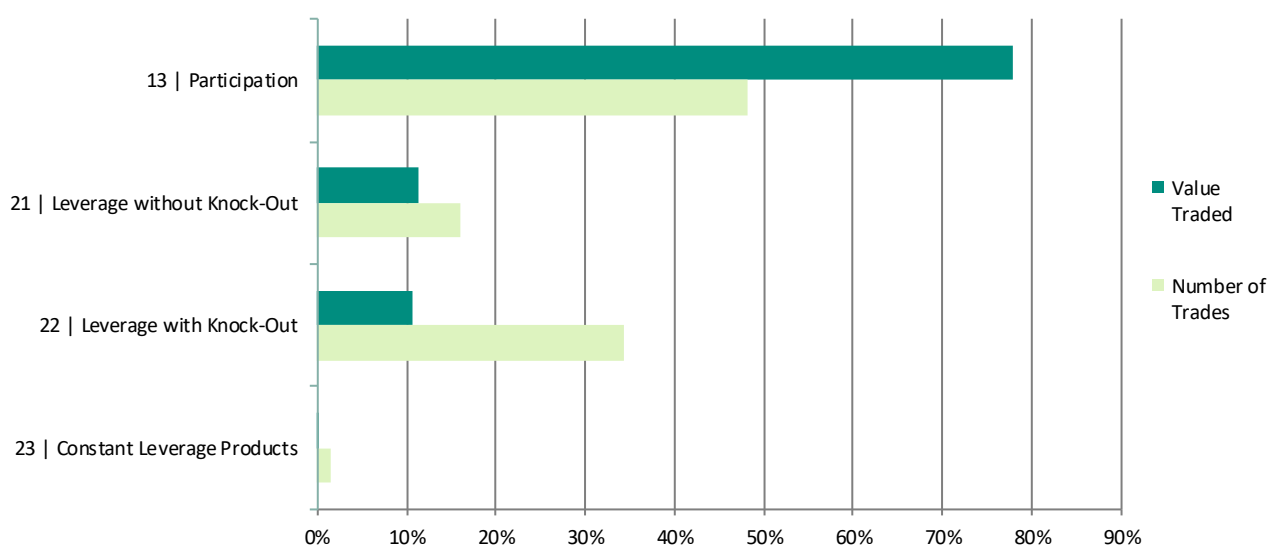
## Market Overview

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	1,176	-6.9%	-68%	77.8%	88	-5.5%	-64.4%	48.2%
21   Leverage without Knock-Out	173	5.3%	67%	11.4%	29	-32.8%	-33.1%	16.0%
22   Leverage with Knock-Out	161	-26%	-51%	10.7%	62	-19.2%	-29.9%	34.3%
23   Constant Leverage Products	1	25%	-90%	0.1%	2.8	323.5%	12.1%	1.5%
<b>Total</b>	<b>1,511</b>	<b>-8.1%</b>	<b>-62.9%</b>	<b>100%</b>	<b>182</b>	<b>-15.0%</b>	<b>-52.3%</b>	<b>100%</b>

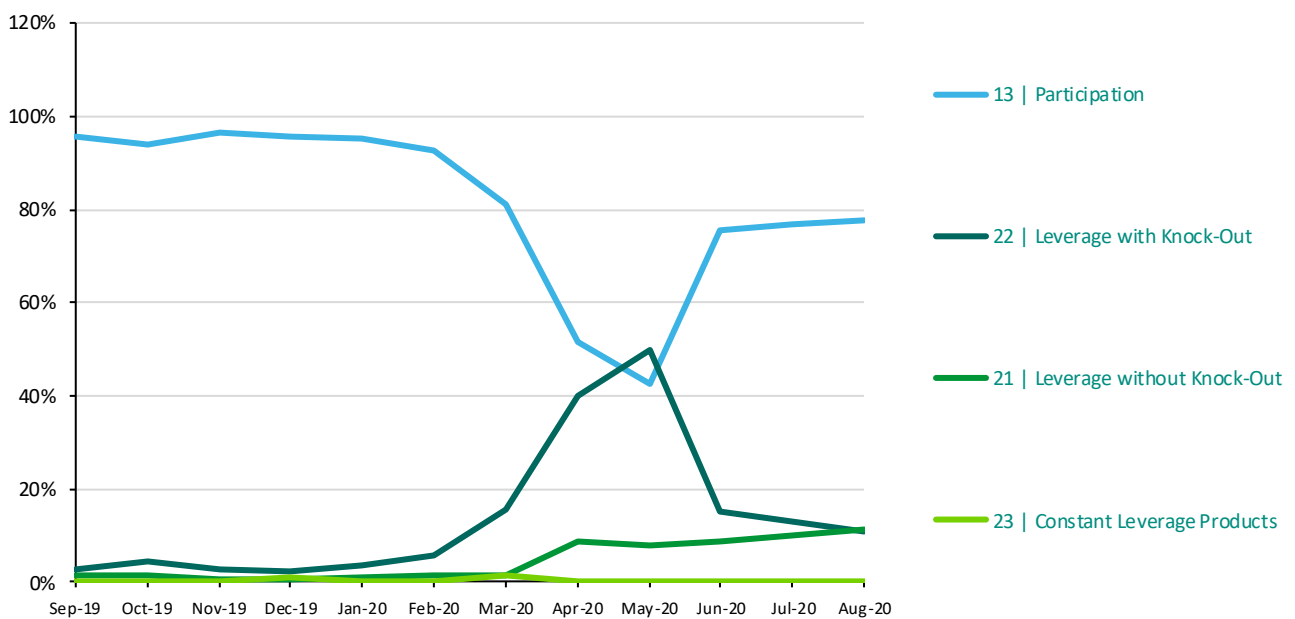
(Source Euronext)



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

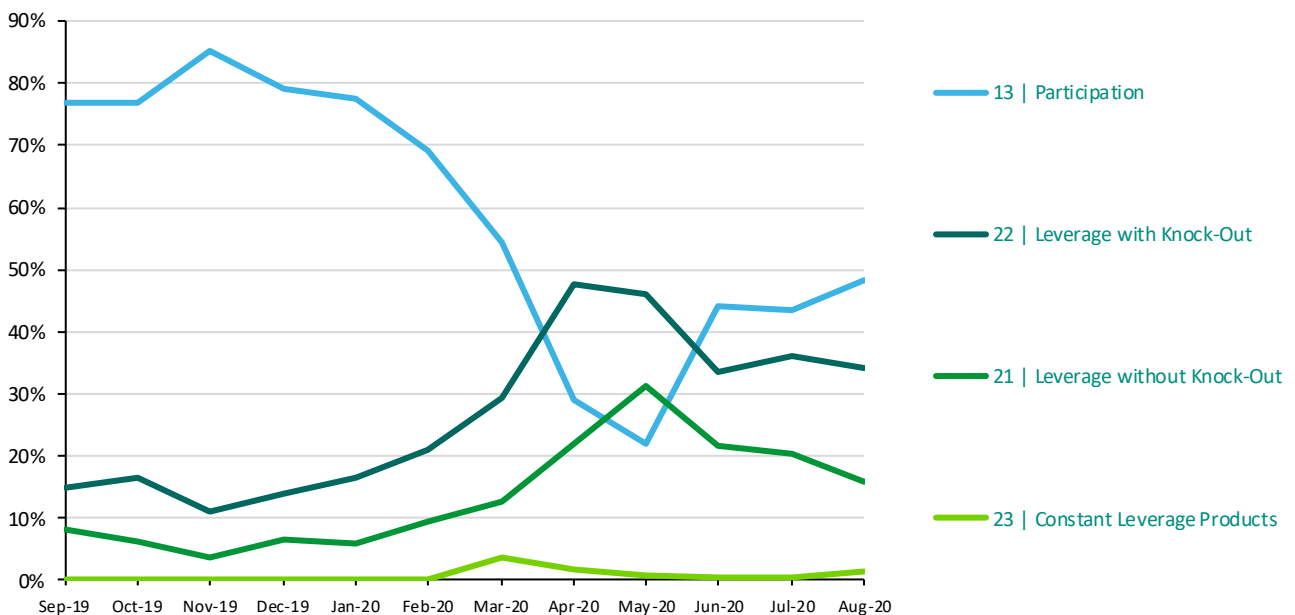
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

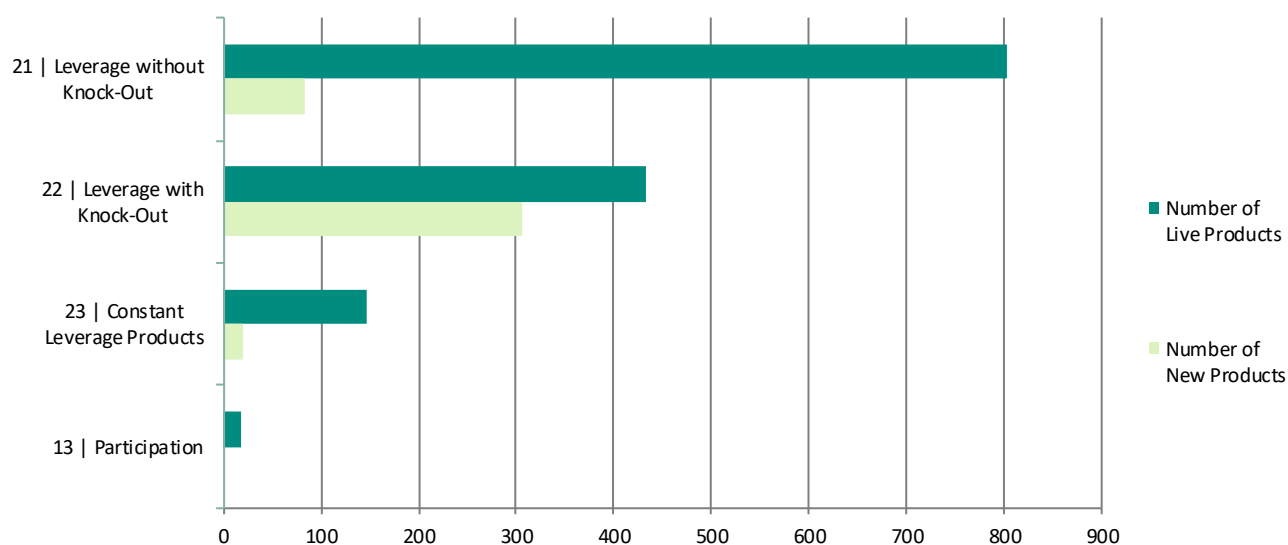
### Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
21   Leverage without Knock-Out	803	12.1%	-4.0%	57.4%	83	30%	-8.3%	20.2%
22   Leverage with Knock-Out	433	13.0%	-15.9%	30.9%	307	-0.3%	-8.1%	74.9%
23   Constant Leverage Products	147	34%	55%	10.5%	20	-76%	122%	4.9%
13   Participation	17	12.7%	-5.7%	1.2%	0	-100%	-100%	0.0%
<b>Total</b>	<b>1,400</b>	<b>14.3%</b>	<b>-4.4%</b>	<b>100%</b>	<b>410</b>	<b>-10.7%</b>	<b>-5.5%</b>	<b>100%</b>

(Source Euronext)

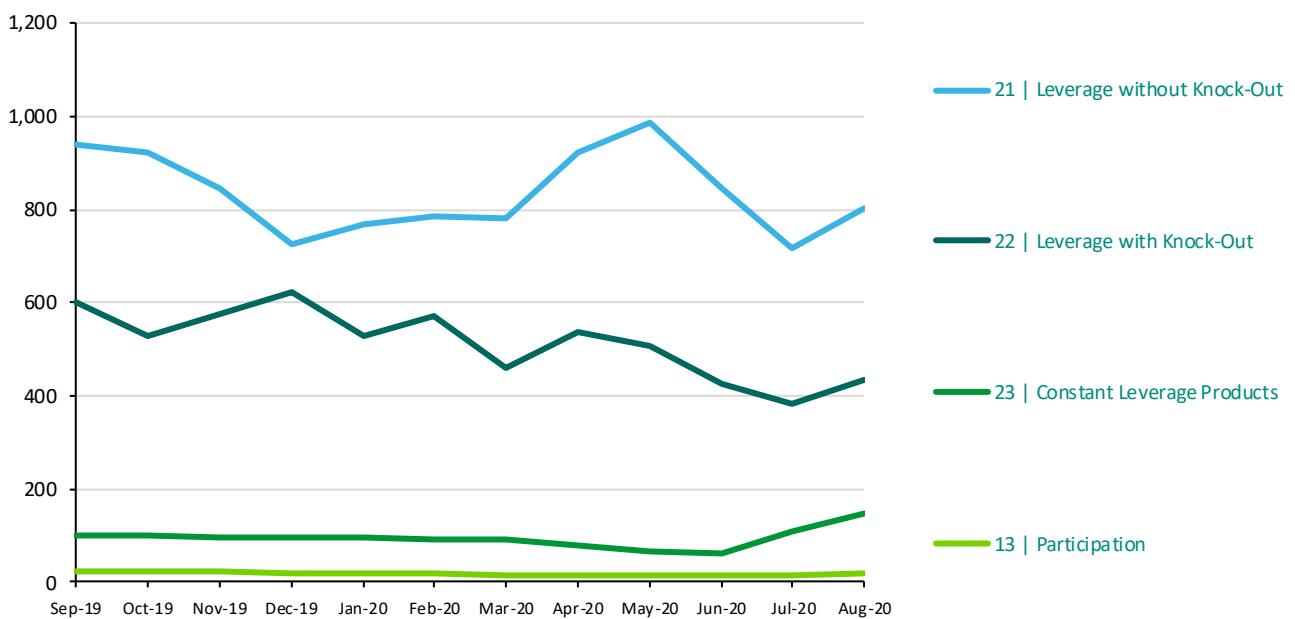




# PRODUCT TYPES (EUSIPA<sup>1</sup> CATEGORIZATION LEVEL 2)

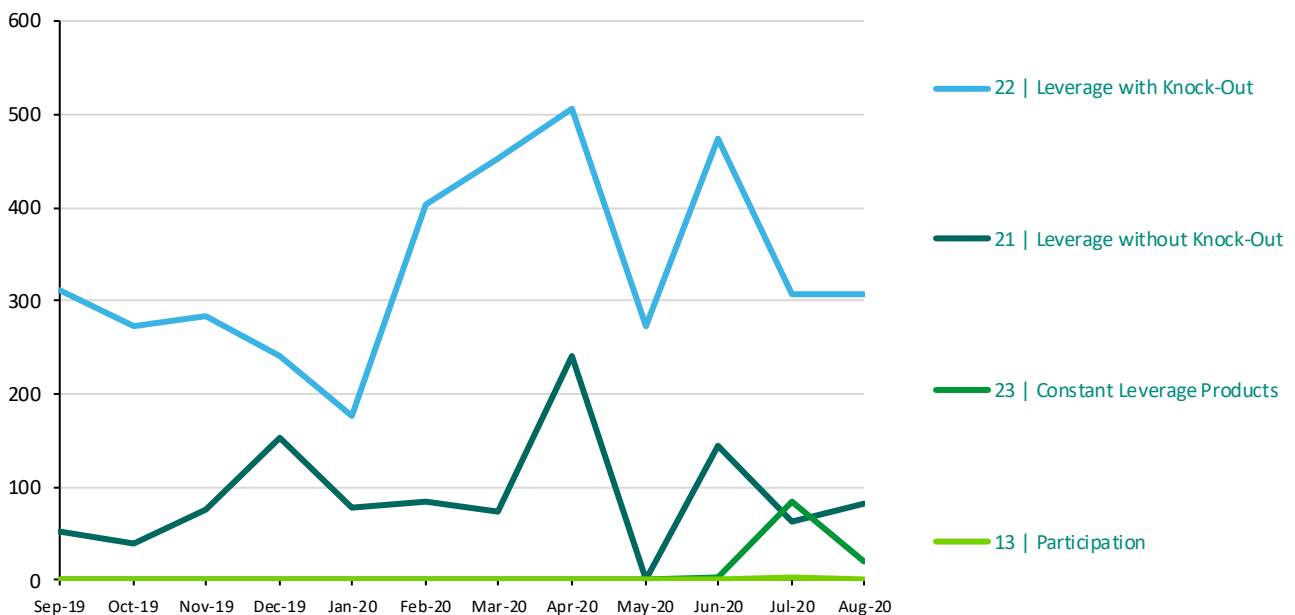
## Product Trend: Number of Live Products

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)

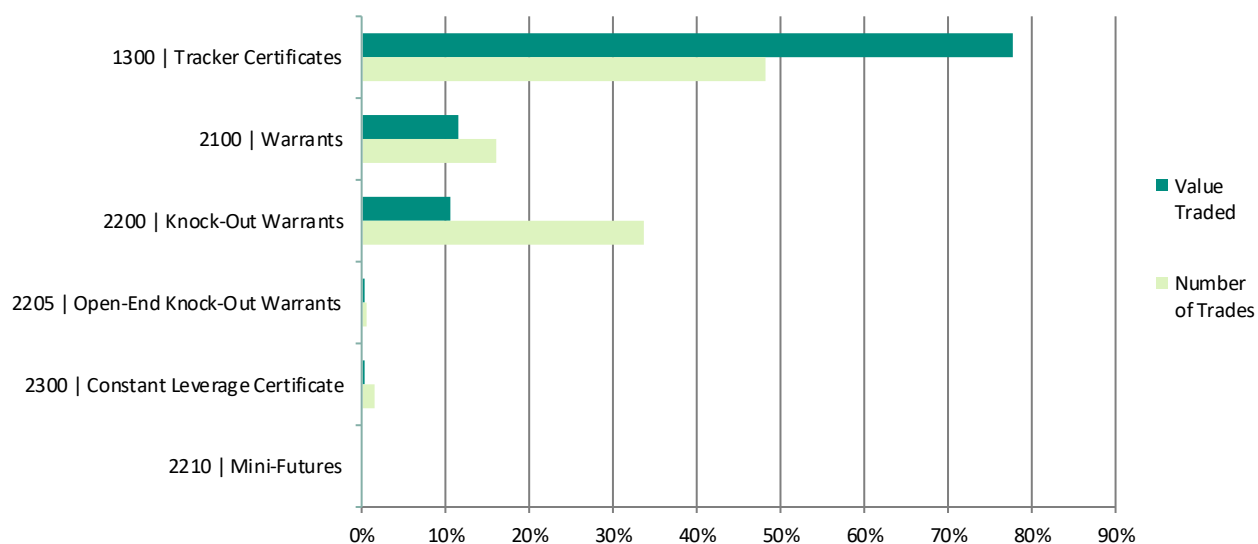
## Market Overview

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	1,176	-6.9%	-68%	77.8%	88	-5.5%	-64.4%	48.2%
2100   Warrants	173	5.3%	67%	11.4%	29	-33%	-33%	16.0%
2200   Knock-Out Warrants	159	-26%	-51%	10.5%	62	-19.8%	-30%	33.8%
2205   Open-End Knock-Out Warrants	2	319%	2.7%	0.1%	0.9	97%	-22%	0.5%
2300   Constant Leverage Certificate	1	25%	-90%	0.1%	2.8	323%	12.1%	1.5%
2210   Mini-Futures	0			0.0%	0.0			0.0%
<b>Total</b>	<b>1,511</b>	<b>-8.1%</b>	<b>-62.9%</b>	<b>100%</b>	<b>182</b>	<b>-15.0%</b>	<b>-52.3%</b>	<b>100%</b>

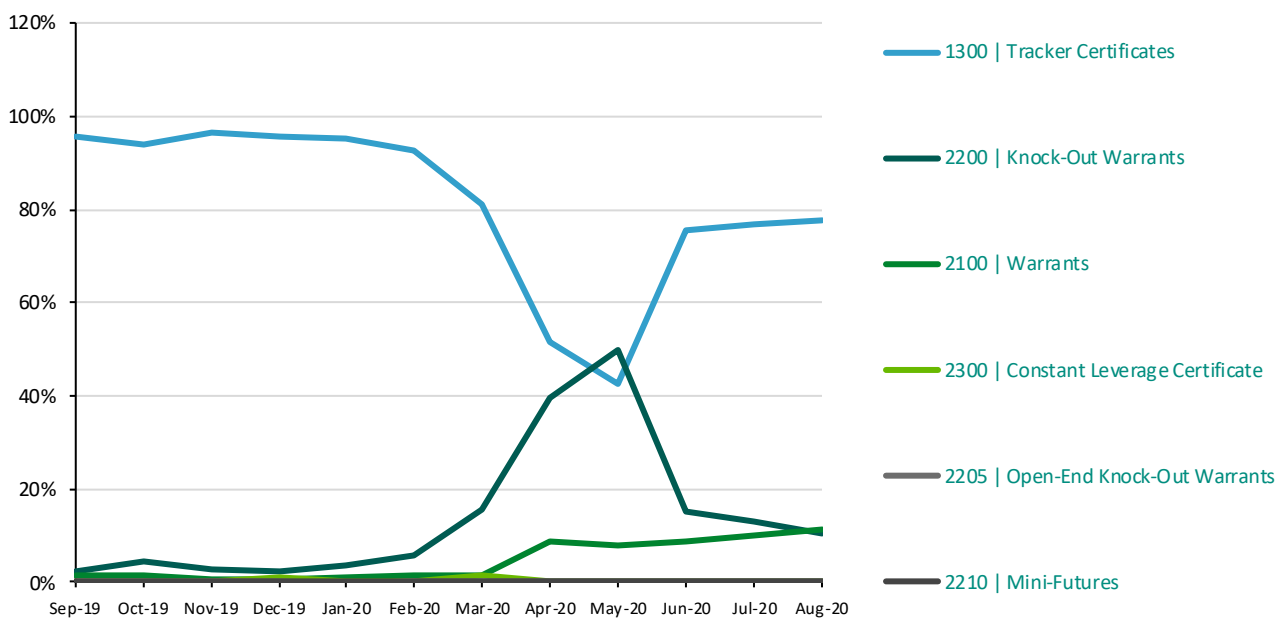
(Source Euronext)



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

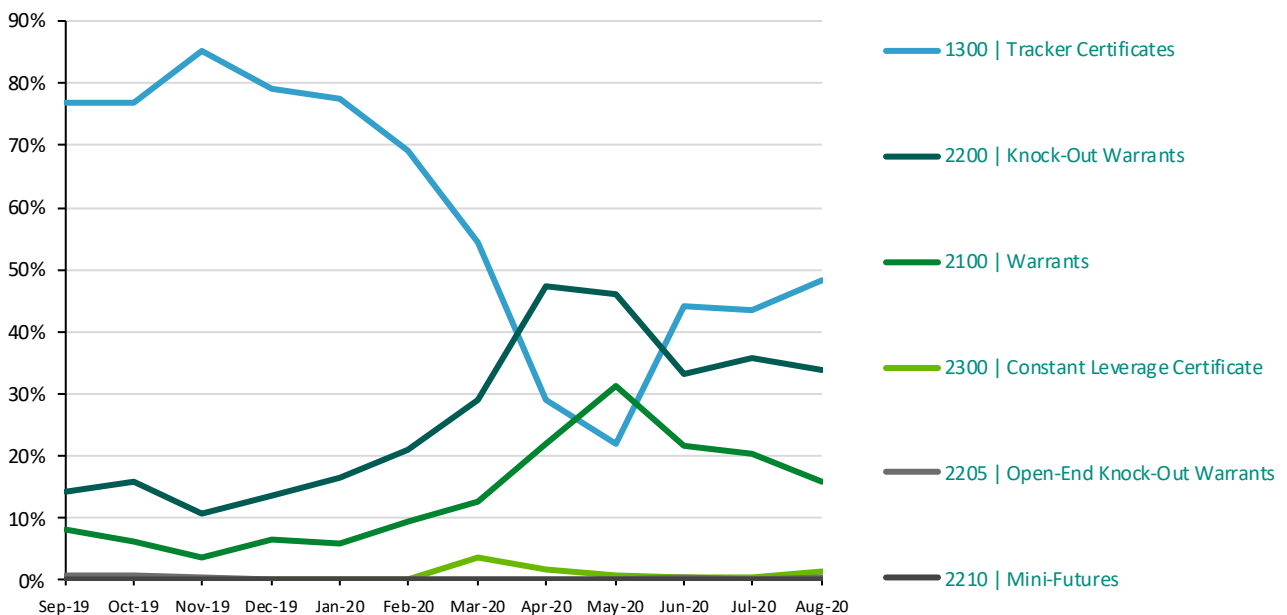
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



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

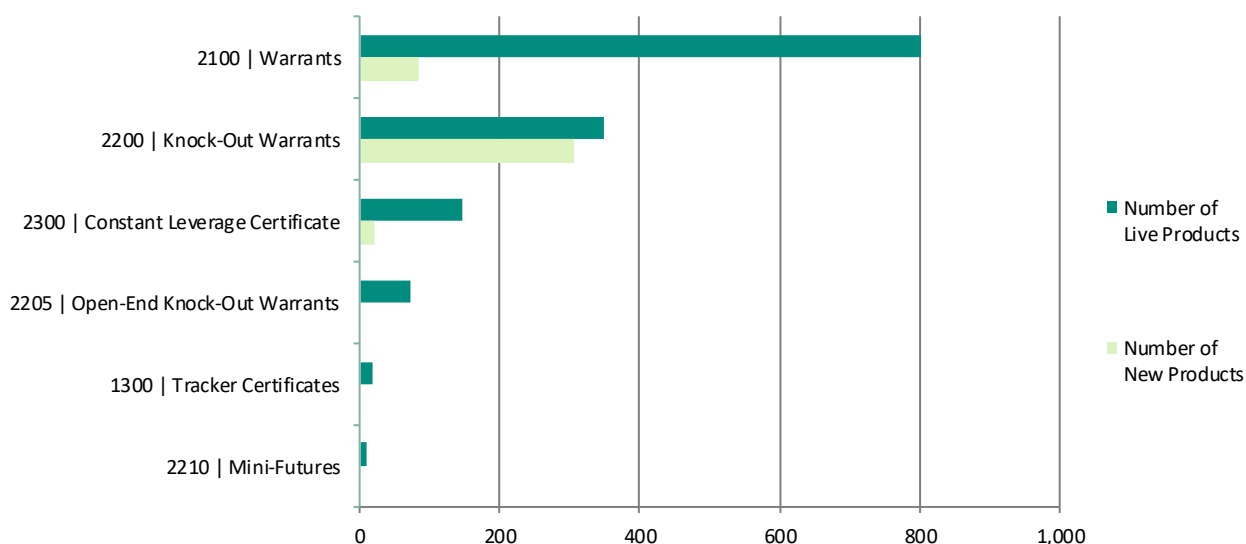
## Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100   Warrants	803	12.1%	-4.0%	57.4%	83	30%	-8.3%	20.2%
2200   Knock-Out Warrants	350	20.0%	0.0%	25.0%	307	-0.3%	-0.5%	74.9%
2300   Constant Leverage Certificate	147	34%	55%	10.5%	20	-76%	122%	4.9%
2205   Open-End Knock-Out Warrants	73	-10.5%	-52%	5.2%	0		-100%	0.0%
1300   Tracker Certificates	17	12.7%	-5.7%	1.2%	0	-100%	-100%	0.0%
2210   Mini-Futures	10	0.0%	-16.6%	0.7%	0			0.0%
<b>Total</b>	<b>1,400</b>	<b>14.3%</b>	<b>-4.4%</b>	<b>100%</b>	<b>410</b>	<b>-10.7%</b>	<b>-5.5%</b>	<b>100%</b>

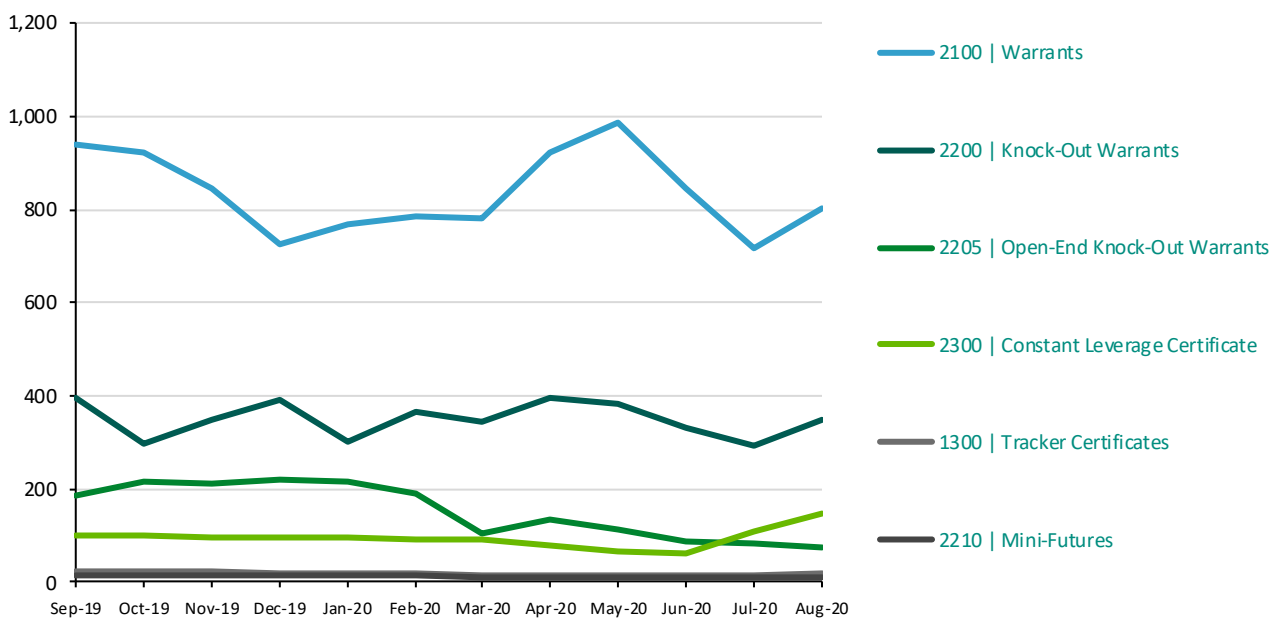
(Source Euronext)



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

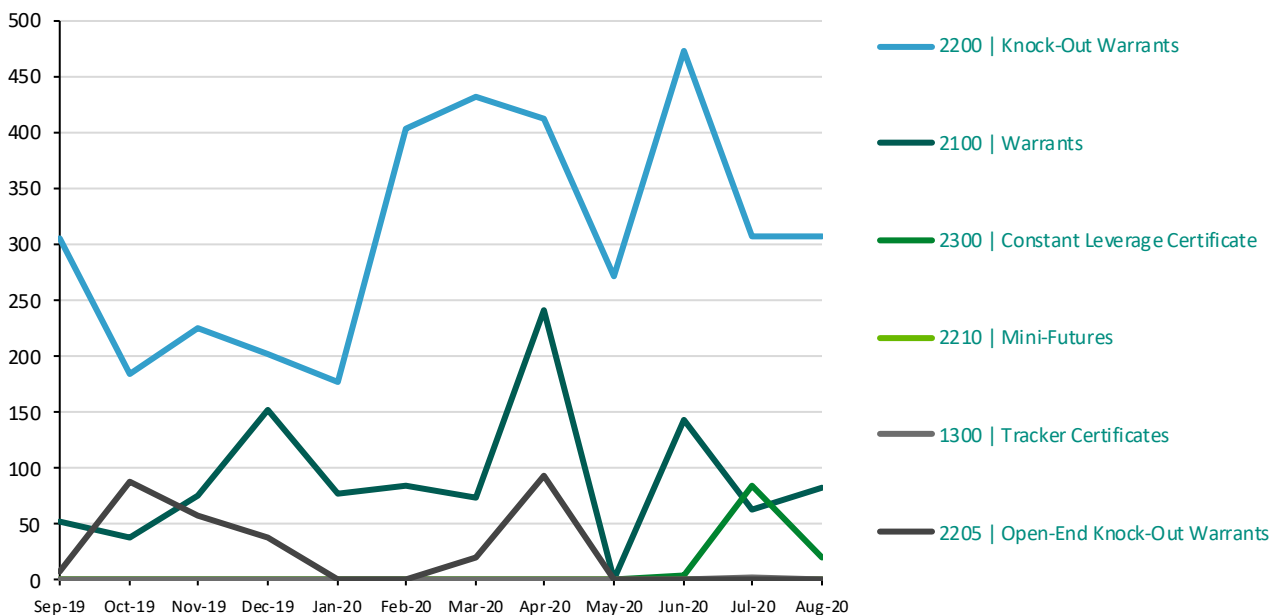
## Product Trend: Number of Live Products

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

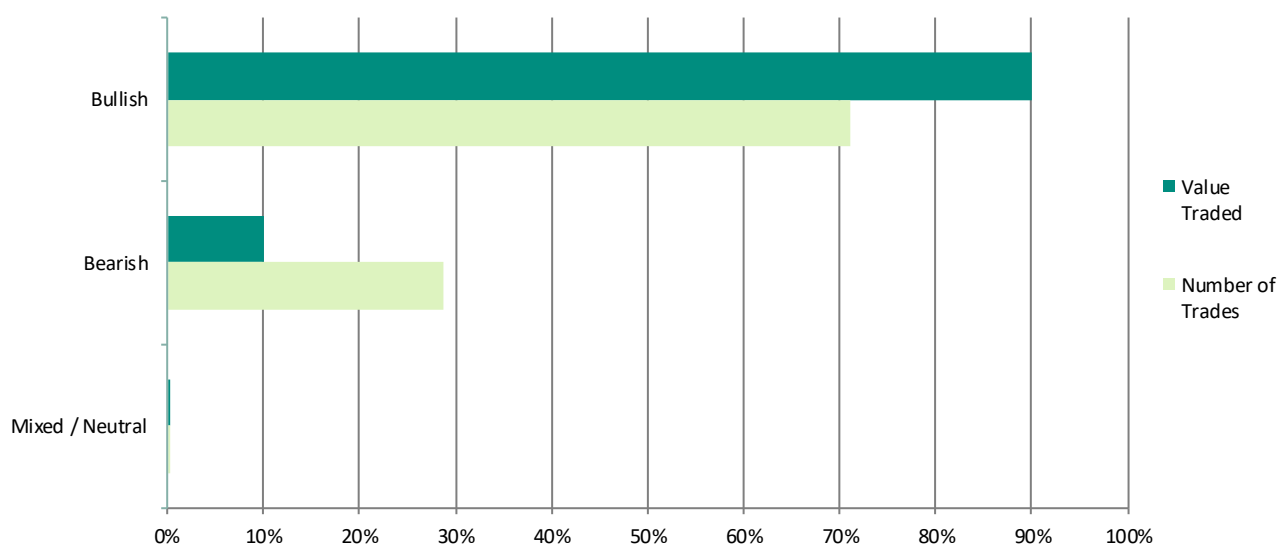
## Market Overview

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	1,360	-7.4%	-65%	90.0%	130	-12.5%	-58.0%	71.2%
Bearish	151	-13.1%	-33%	10.0%	52	-20%	-26%	28.7%
Mixed / Neutral	0	-80%	-99%	0.0%	0.2	-51%	-91%	0.1%
Total	1,511	-8.1%	-62.9%	100%	182	-15.0%	-52.3%	100%

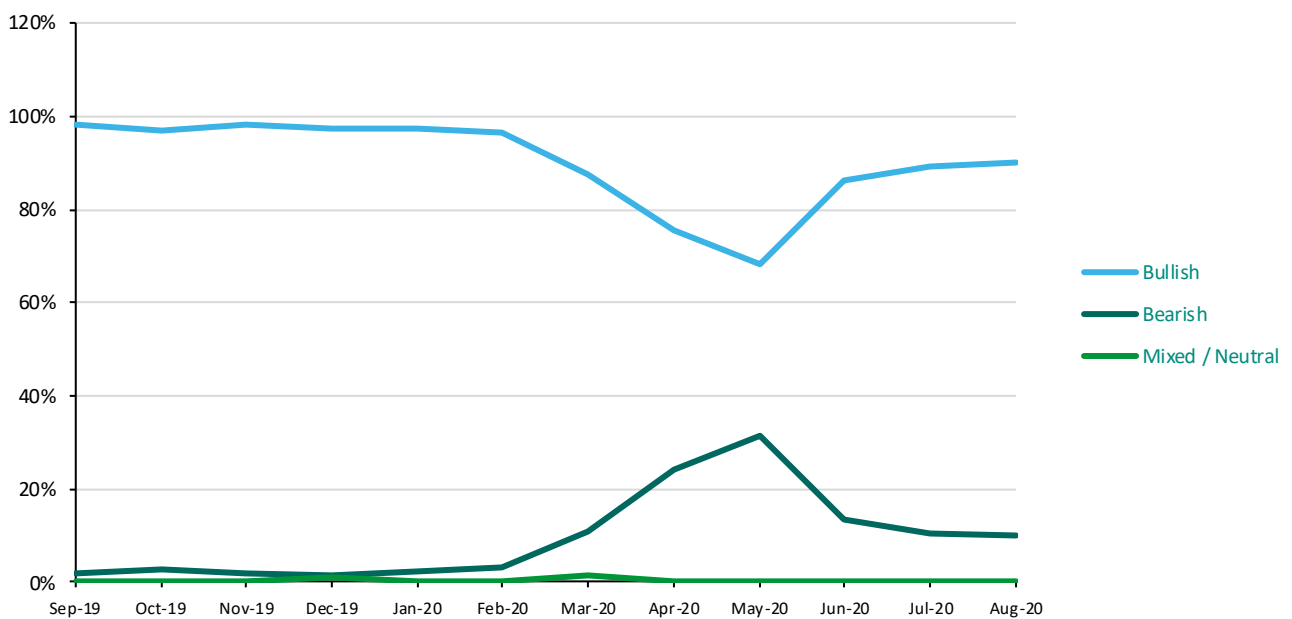
(Source Euronext)



# PRODUCT STRATEGIES

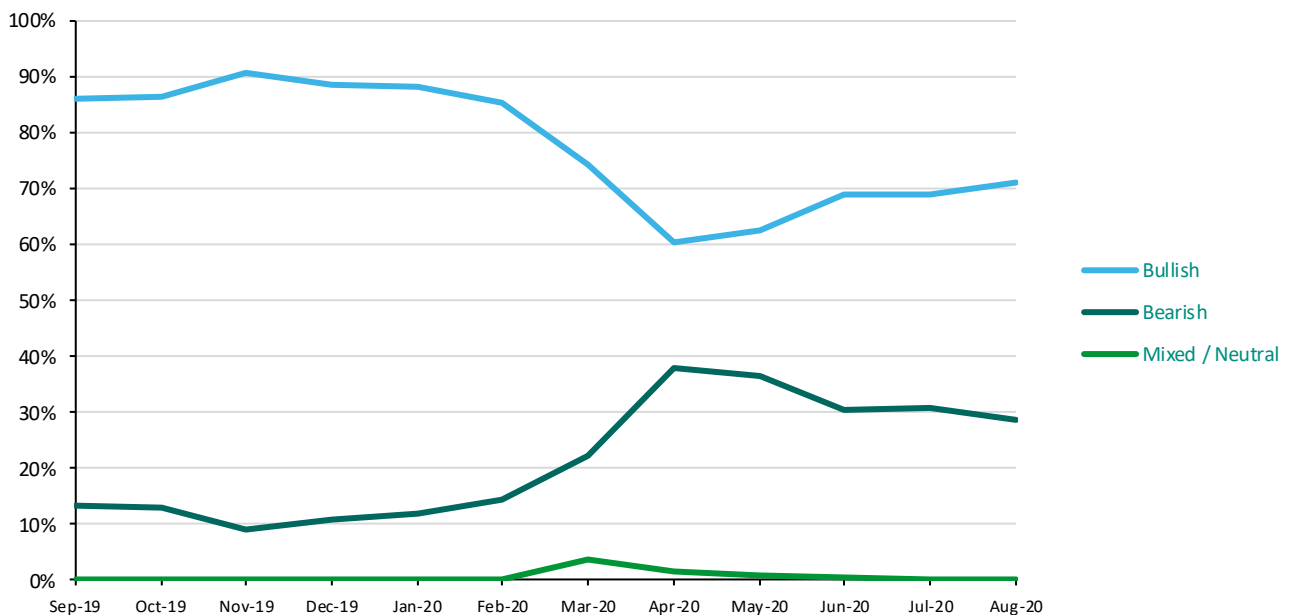
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# PRODUCT STRATEGIES

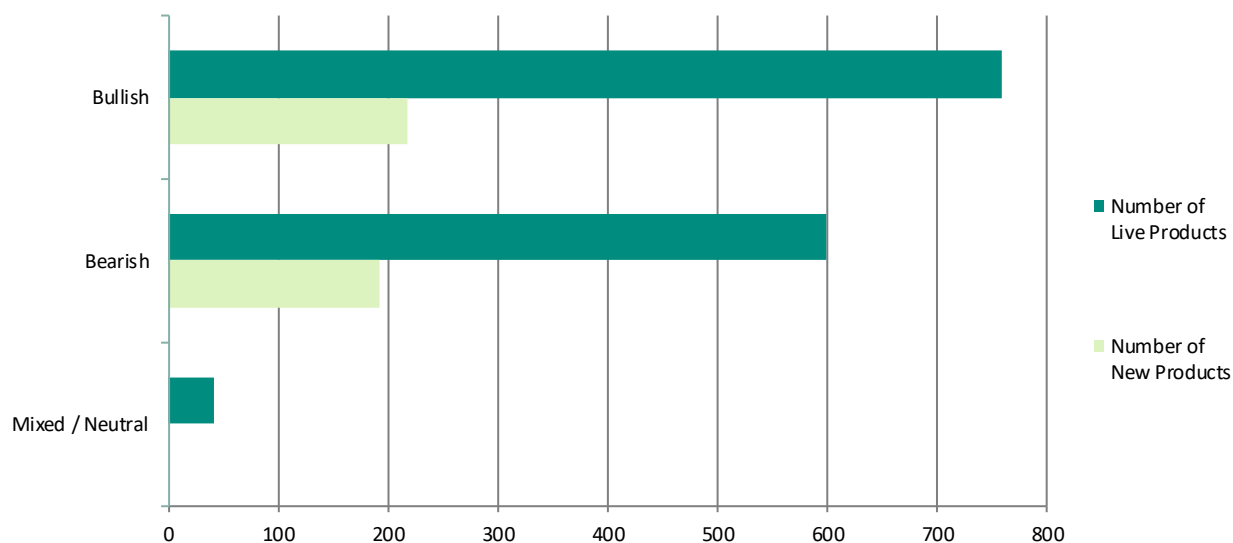
## Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	759	18.6%	5.0%	54.2%	218	-6.4%	-4.0%	53.2%
Bearish	599	12.0%	-9.3%	42.8%	192	-15.0%	-7.1%	46.8%
Mixed / Neutral	42	-15.6%	-48%	3.0%	0			0.0%
<b>Total</b>	<b>1,400</b>	<b>14.3%</b>	<b>-4.4%</b>	<b>100%</b>	<b>410</b>	<b>-10.7%</b>	<b>-5.5%</b>	<b>100%</b>

(Source Euronext)

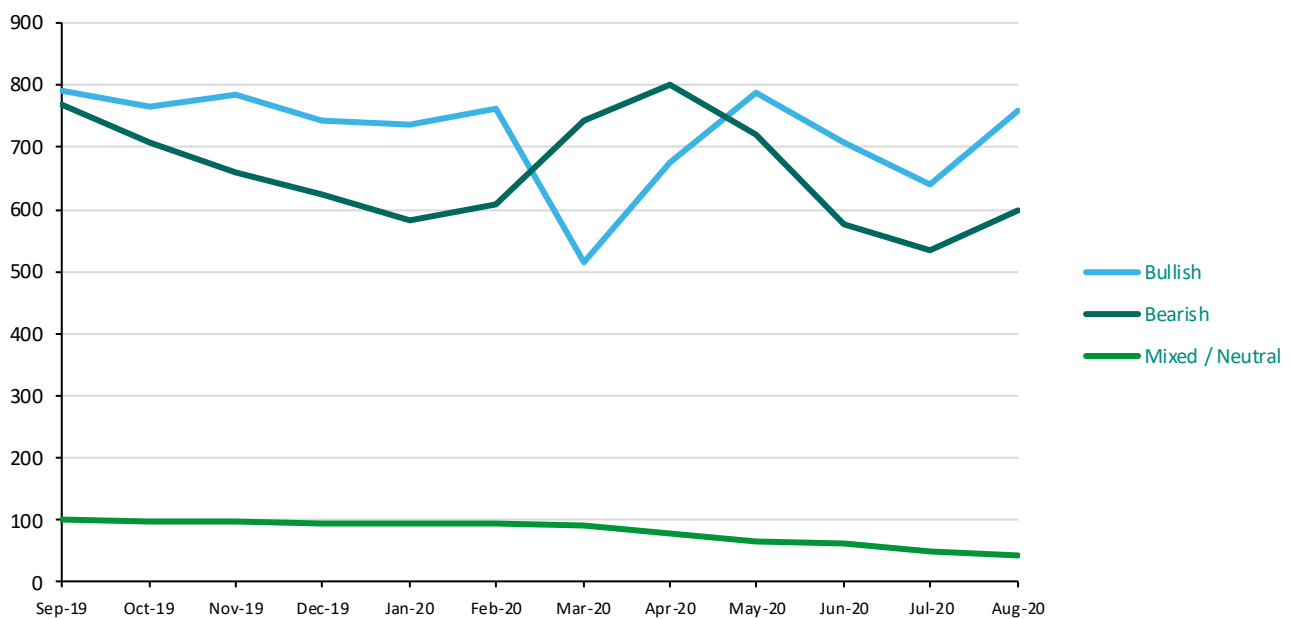




# PRODUCT STRATEGIES

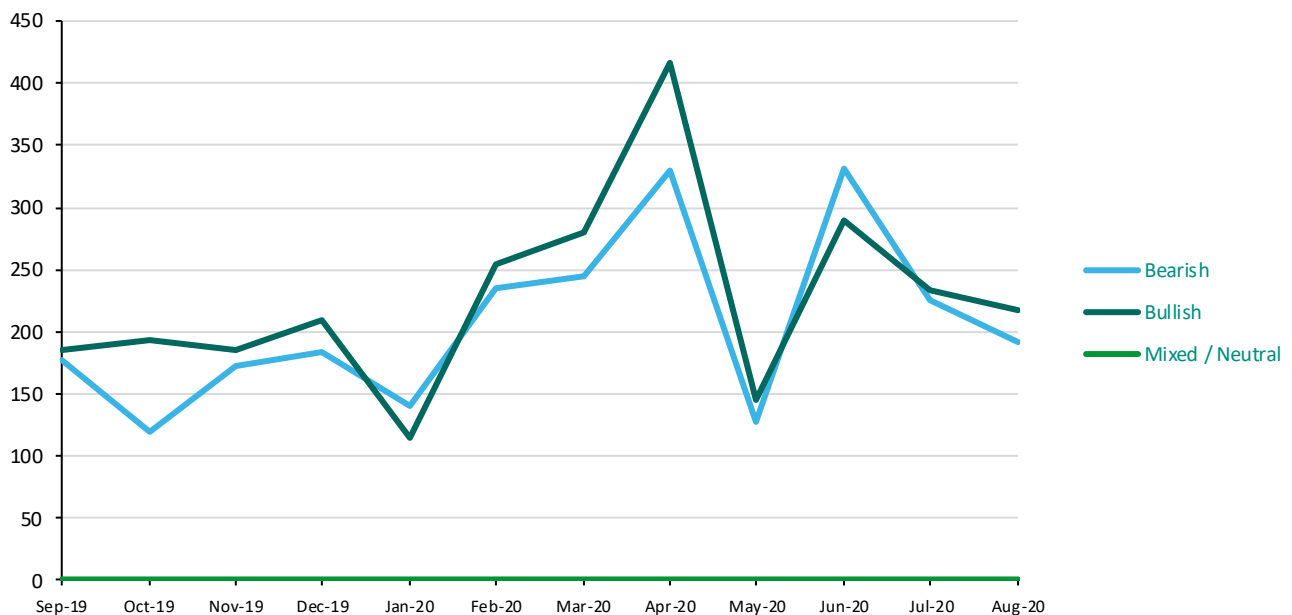
## Product Trend: Number of Live Products

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

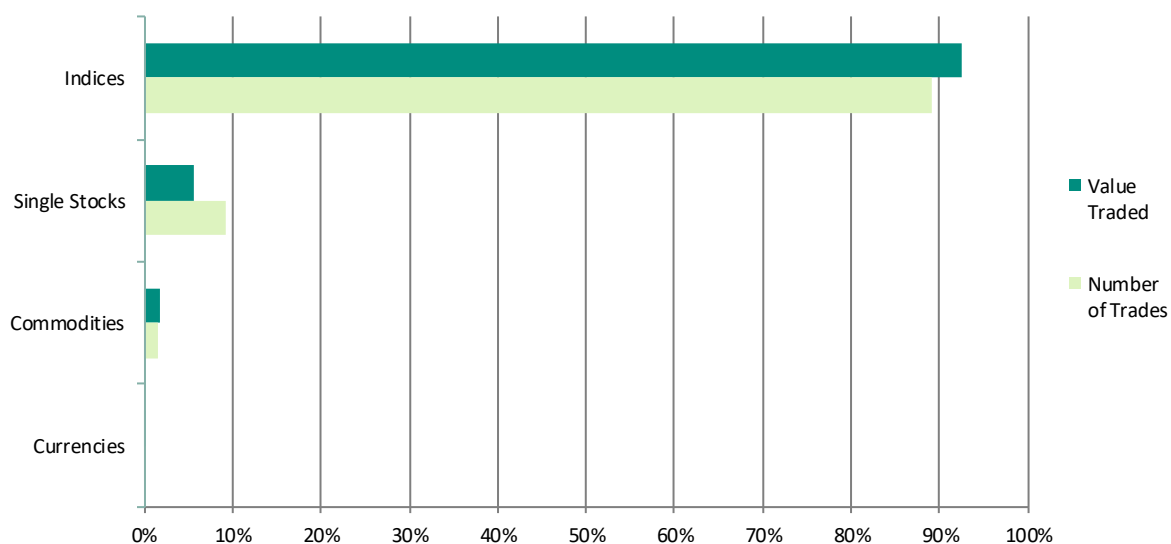
## Market Overview

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	1,397	-12.0%	-65%	92.5%	162	-16.2%	-53.3%	89.1%
Single Stocks	86	276%	-1.5%	5.7%	17	-5.8%	-43.1%	9.3%
Commodities	28	-13.9%	-36%	1.8%	2.7	11.5%	-34.6%	1.5%
Currencies	0	983%	44%	0.0%	0.2	338.1%	102.4%	0.1%
<b>Total</b>	<b>1,511</b>	<b>-8.1%</b>	<b>-62.9%</b>	<b>100%</b>	<b>182</b>	<b>-15.0%</b>	<b>-52.3%</b>	<b>100%</b>

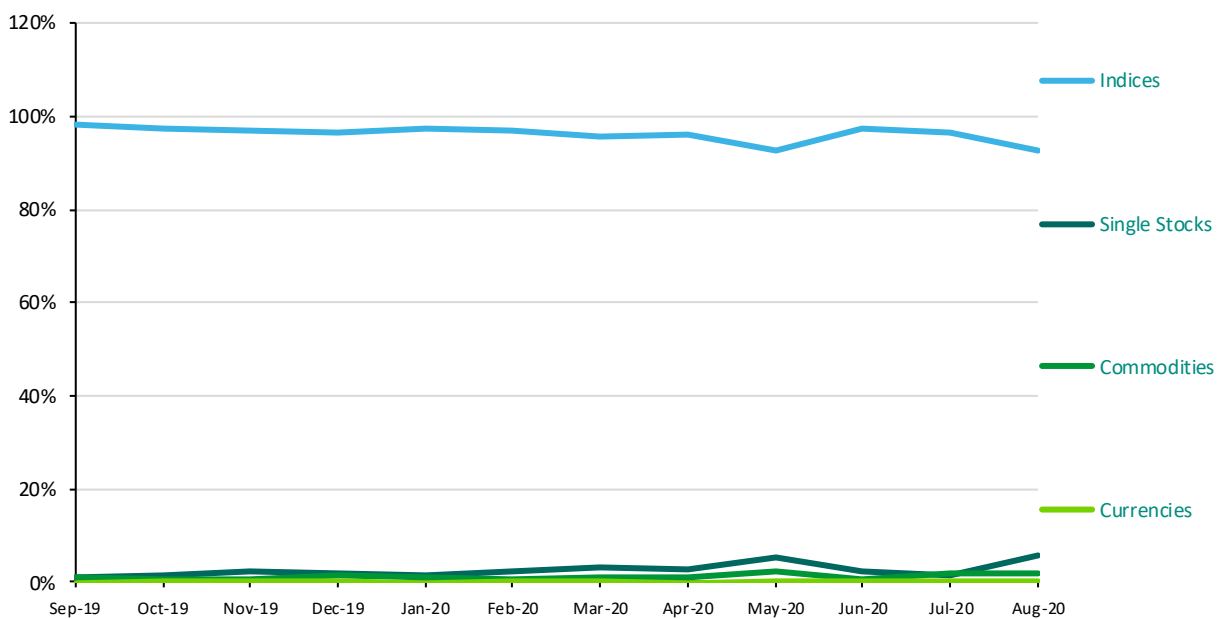
(Source Euronext)



# UNDERLYING TYPES

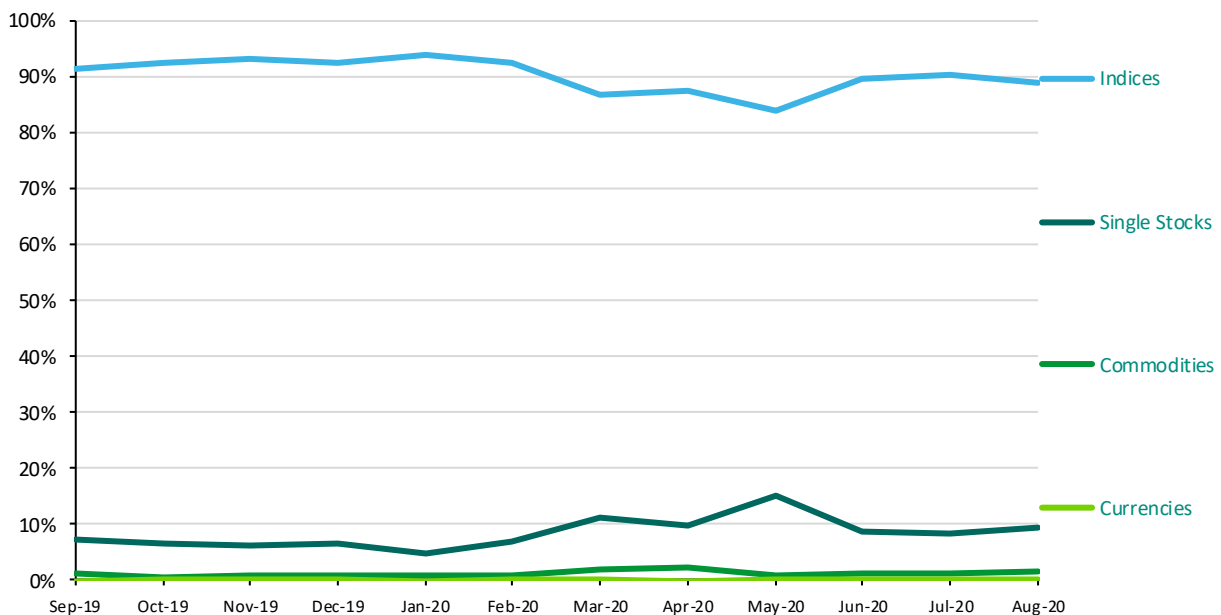
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## UNDERLYING TYPES

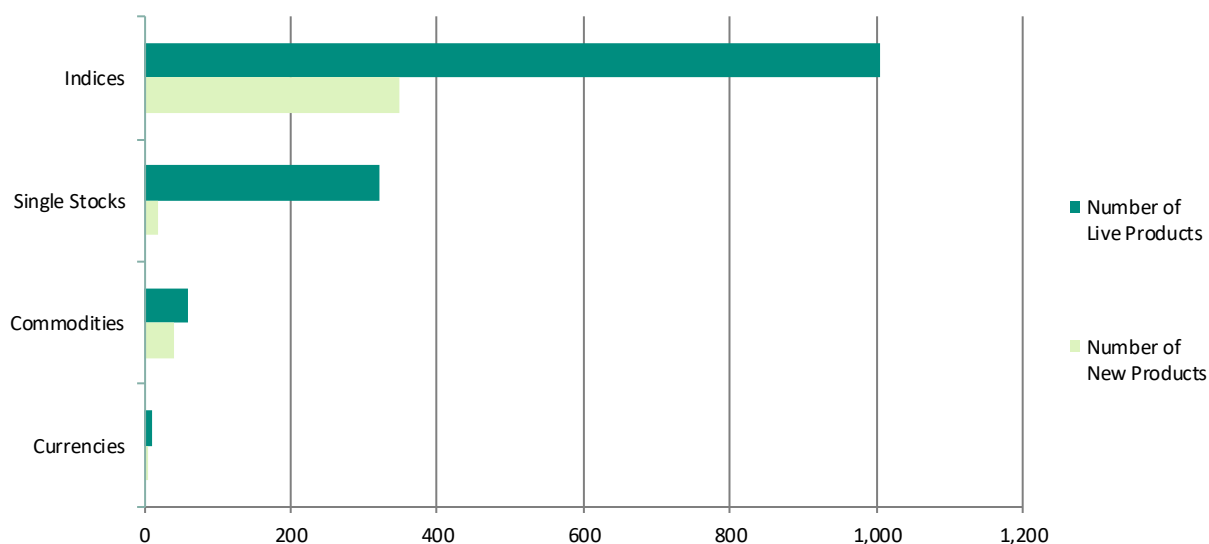
### Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	1,007	11.6%	-1.1%	71.9%	349	-1.7%	-0.4%	85.1%
Single Stocks	322	21%	-14.3%	23.0%	18	-81%	-72%	4.4%
Commodities	60	48%	18.9%	4.3%	39	333%	157%	9.5%
Currencies	11	-29%	-44%	0.8%	4		-18.6%	1.0%
<b>Total</b>	<b>1,400</b>	<b>14.3%</b>	<b>-4.4%</b>	<b>100%</b>	<b>410</b>	<b>-10.7%</b>	<b>-5.5%</b>	<b>100%</b>

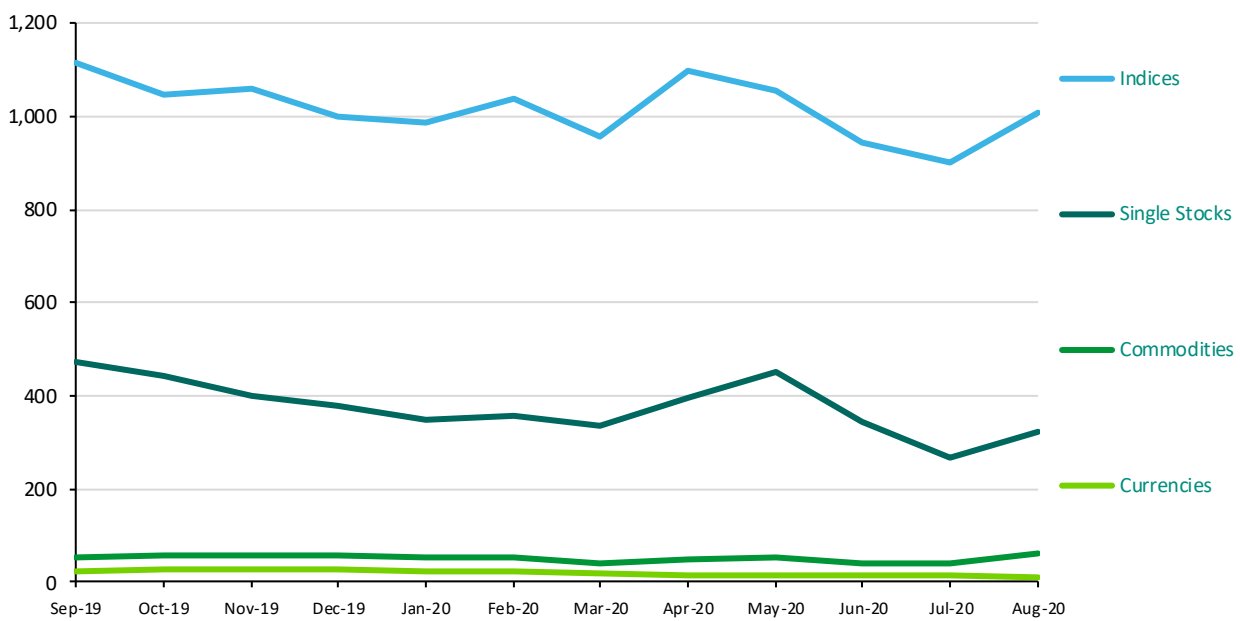
(Source Euronext)



# UNDERLYING TYPES

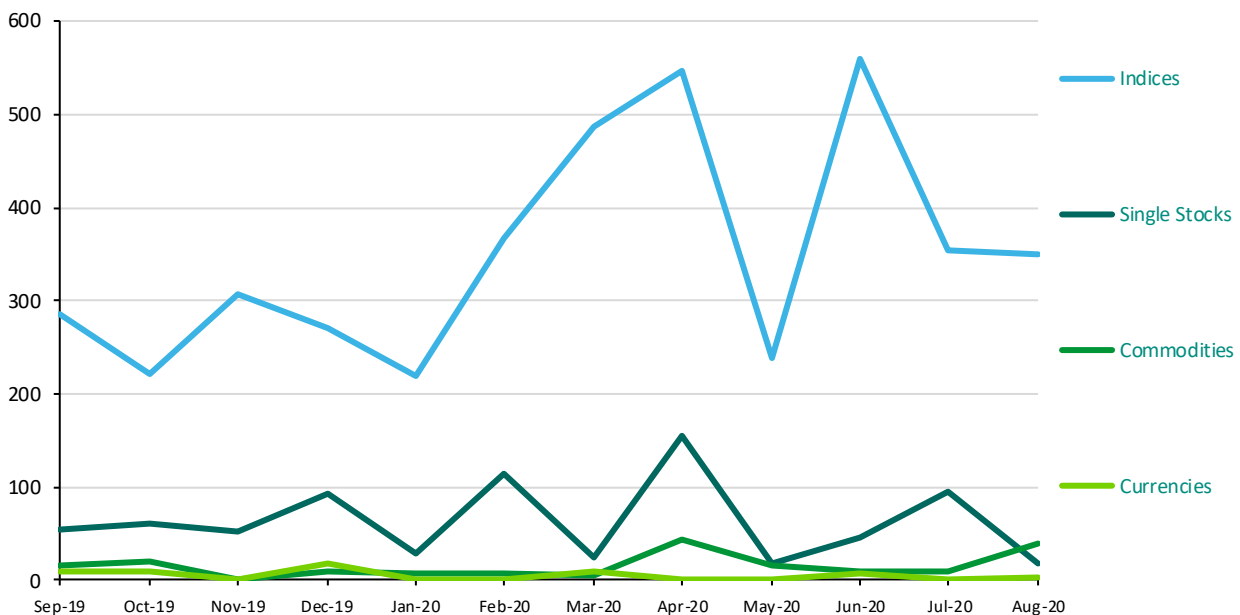
## Product Trend: Number of Live Products

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

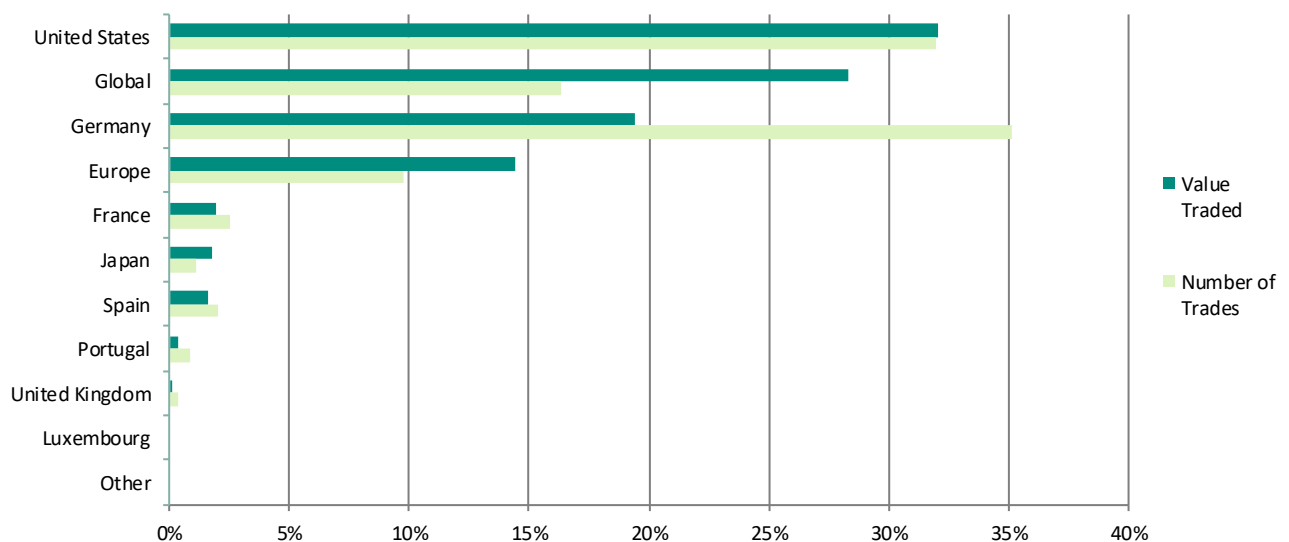
## Market Overview

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
United States	485	8.0%	-66%	32.1%	58	-10.1%	-55.0%	32.0%
Global	428	-19.0%	-68%	28.3%	30	-14.8%	-61%	16.4%
Germany	294	-22%	-32%	19.4%	64	-18.9%	-31%	35.2%
Europe	218	-2.2%	-67%	14.4%	18	-2.7%	-64%	9.7%
France	29	49%	-56%	1.9%	4.6	-0.8%	-43%	2.5%
Japan	26	156%	-49%	1.7%	2.0	60%	-67%	1.1%
Spain	24	-19.2%	-50%	1.6%	3.7	-61%	-55%	2.0%
Portugal	5	28%	-88%	0.3%	1.5	17.1%	-83%	0.8%
United Kingdom	2	79%	-84%	0.1%	0.6	-16.2%	-69%	0.3%
Luxembourg	0		-100%	0.0%	0.0		-100%	0.0%
Other	0			0.0%	0.0			0.0%
<b>Total</b>	<b>1,511</b>	<b>-8.1%</b>	<b>-62.9%</b>	<b>100%</b>	<b>182</b>	<b>-15.0%</b>	<b>-52.3%</b>	<b>100%</b>

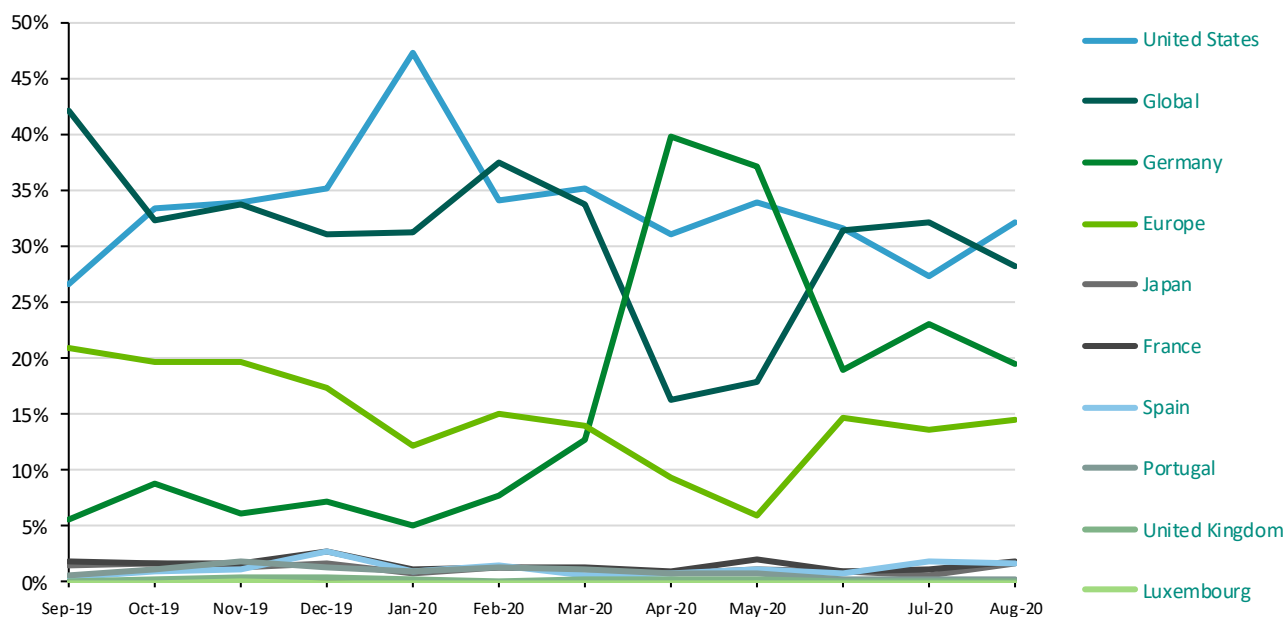
(Source Euronext)



# TOP 10 UNDERLYING COUNTRIES

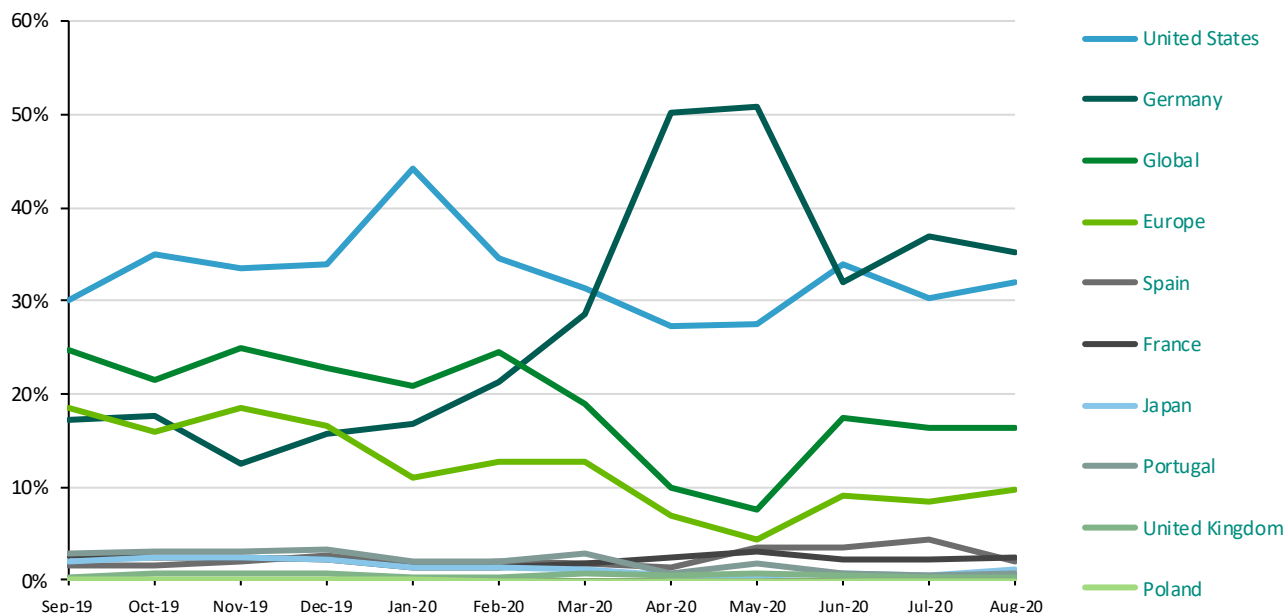
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



## TOP 10 UNDERLYING COUNTRIES

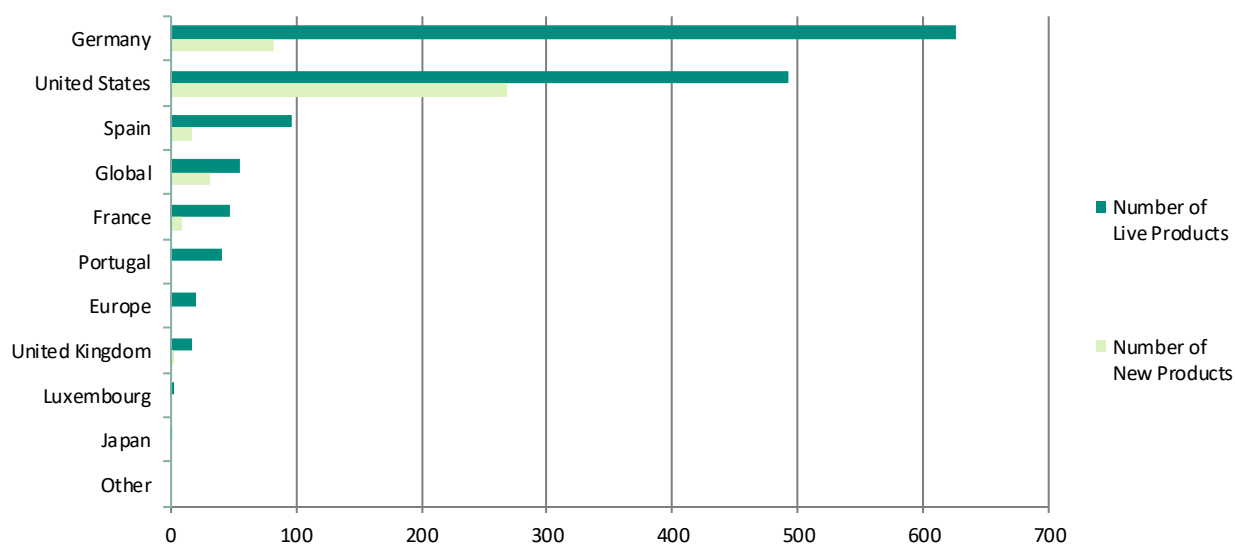
### Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Germany	627	2.5%	2.4%	44.8%	82	-37%	-54%	20.0%
United States	492	35%	-1.9%	35.2%	269	4.3%	43%	65.6%
Spain	97	3.6%	-13.1%	6.9%	17	-26%	-32%	4.1%
Global	55	35%	10.8%	4.0%	31	210%	113%	7.6%
France	48	9.0%	21%	3.4%	9	-44%	-36%	2.2%
Portugal	41	0.0%	-56%	2.9%	0		-100%	0.0%
Europe	20	16.8%	-43%	1.4%	0	-100%	-100%	0.0%
United Kingdom	16	71%	29%	1.2%	2	-78%	-50%	0.5%
Luxembourg	2	0.0%	-31%	0.1%	0		-100%	0.0%
Japan	1	0.0%	0.0%	0.1%	0			0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
<b>Total</b>	<b>1,400</b>	<b>14.3%</b>	<b>-4.4%</b>	<b>100%</b>	<b>410</b>	<b>-10.7%</b>	<b>-5.5%</b>	<b>100%</b>

(Source Euronext)

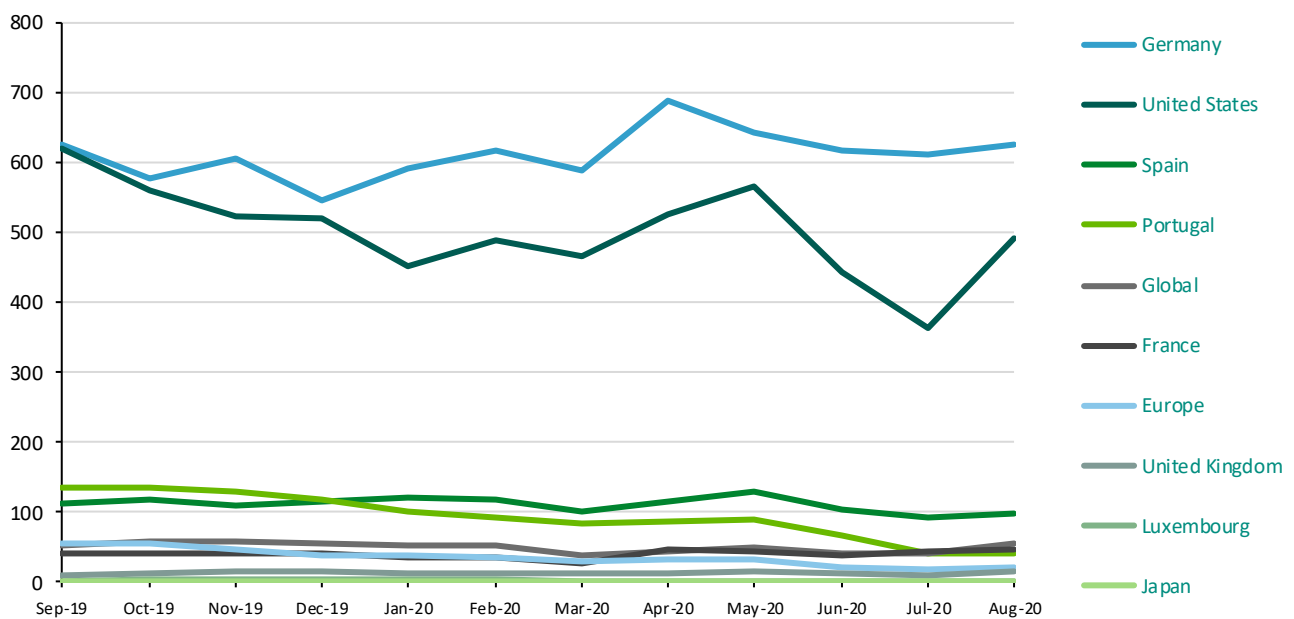




# TOP 10 UNDERLYING COUNTRIES

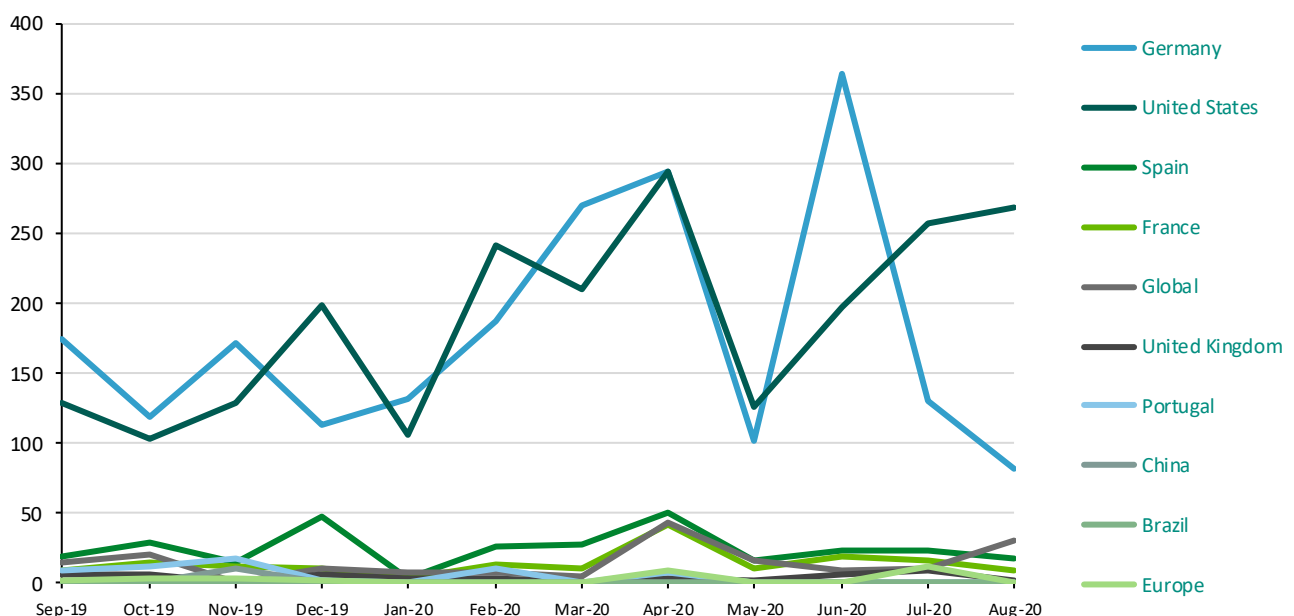
## Product Trend: Number of Live Products

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

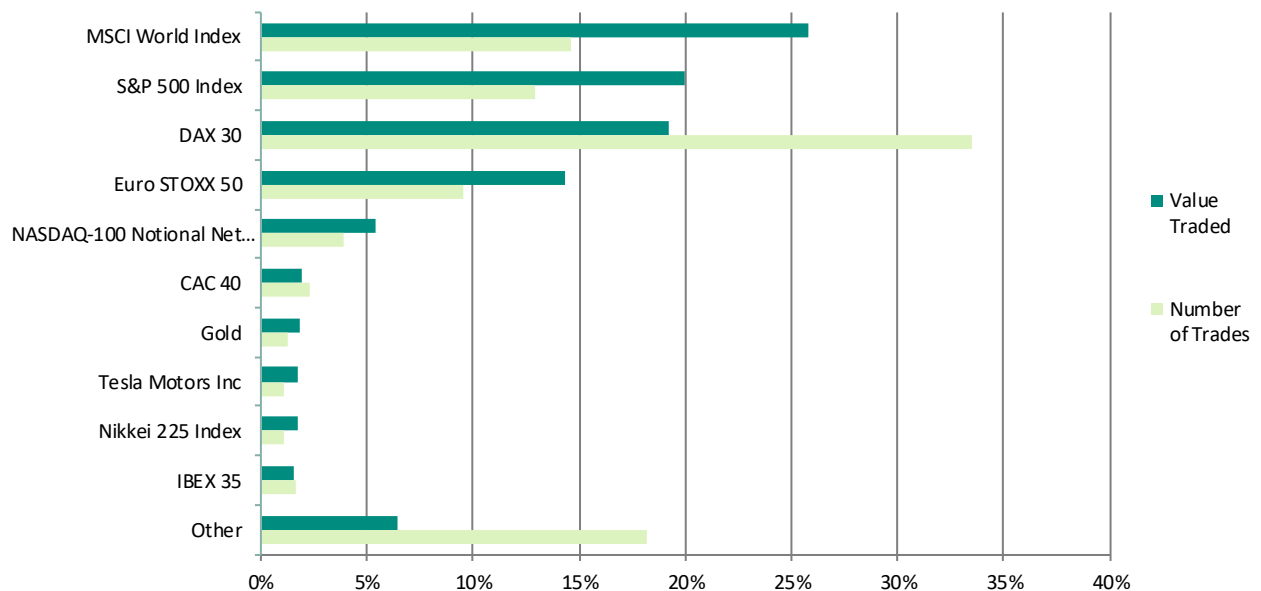
## Market Overview

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	390	-21%	-69%	25.8%	27	-16.9%	-62.0%	14.6%
S&P 500 Index	302	-11.3%	-73%	20.0%	23	-28%	-73%	12.9%
DAX 30	290	-22%	-32%	19.2%	61	-18.4%	-31%	33.5%
Euro STOXX 50	216	-2.7%	-66%	14.3%	17	-3.2%	-64%	9.5%
NASDAQ-100 Notional Net Total Return	82	81%	657%	5.4%	7.1	138%	732%	3.9%
CAC 40	29	51%	-56%	1.9%	4.1	21%	-40%	2.3%
Gold	28	-14.0%	1.9%	1.8%	2.4	9.5%	-8.0%	1.3%
Tesla Motors Inc	27	561%	456%	1.8%	2.0	-4.5%	-3.5%	1.1%
Nikkei 225 Index	26	156%	-49%	1.7%	2.0	60%	-67%	1.1%
IBEX 35	24	-17.1%	-50%	1.6%	3.0	-56%	-52%	1.6%
Other	97	26%	-75%	6.4%	33	-13.4%	-49%	18.2%
<b>Total</b>	<b>1,511</b>	<b>-8.1%</b>	<b>-62.9%</b>	<b>100%</b>	<b>182</b>	<b>-15.0%</b>	<b>-52.3%</b>	<b>100%</b>

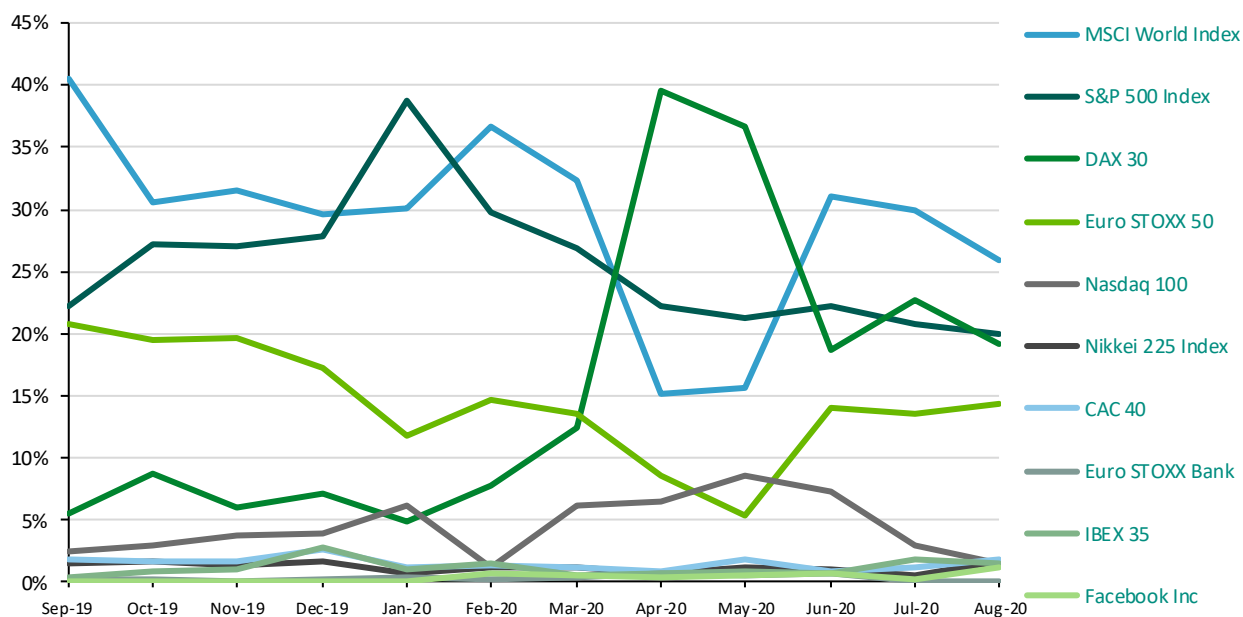
(Source Euronext)



# TOP 10 UNDERLYINGS

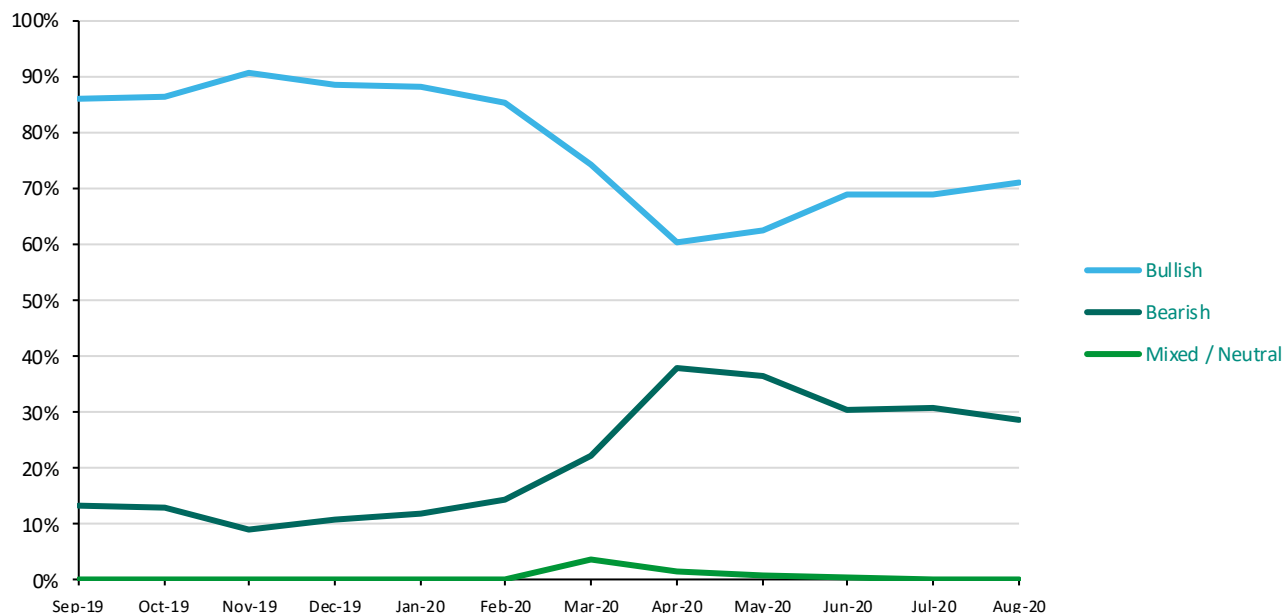
## Market Trend: Value traded

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



## Market Trend: Number of trades

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



# TOP 10 UNDERLYINGS

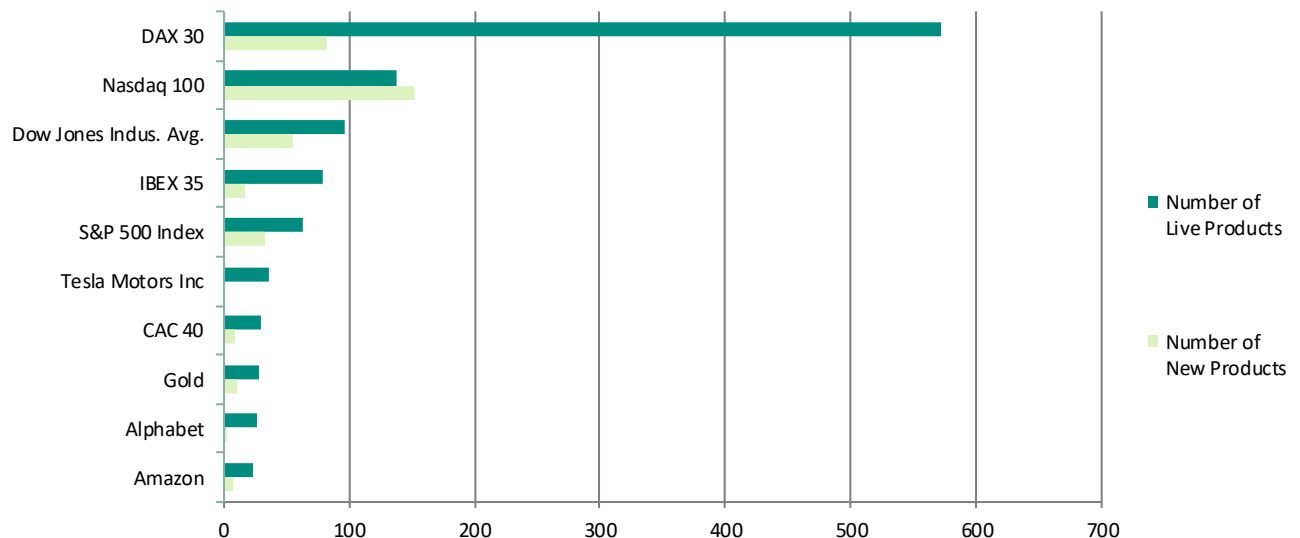
## Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
DAX 30	572	2.7%	4.7%	40.8%	82	-37%	-53%	20.0%
Nasdaq 100	138	41%	-7.8%	9.8%	153	28%	79%	37.3%
Dow Jones Indus. Avg.	97	29%	8.1%	7.0%	55	83%	65%	13.4%
IBEX 35	79	4.5%	-6.9%	5.6%	17	-26%	-28%	4.1%
S&P 500 Index	63	39%	-4.3%	4.5%	33	57%	76%	8.0%
Tesla Motors Inc	37	39%	37%	2.6%	0	-100%	-100%	0.0%
CAC 40	30	15.2%	4.3%	2.1%	9	-44%	-30%	2.2%
Gold	28	6.1%	24%	2.0%	10	100%	118%	2.4%
Alphabet	26	48%	3.3%	1.9%	2	-82%	-76%	0.5%
Amazon	23	9.5%	-32%	1.7%	7	-36%	-28%	1.7%
Other	307	19.6%	-21%	21.9%	42			10.2%
<b>Total</b>	<b>1,400</b>	<b>14.3%</b>	<b>-4.4%</b>	<b>100%</b>	<b>410</b>	<b>-10.7%</b>	<b>-5.5%</b>	<b>100%</b>

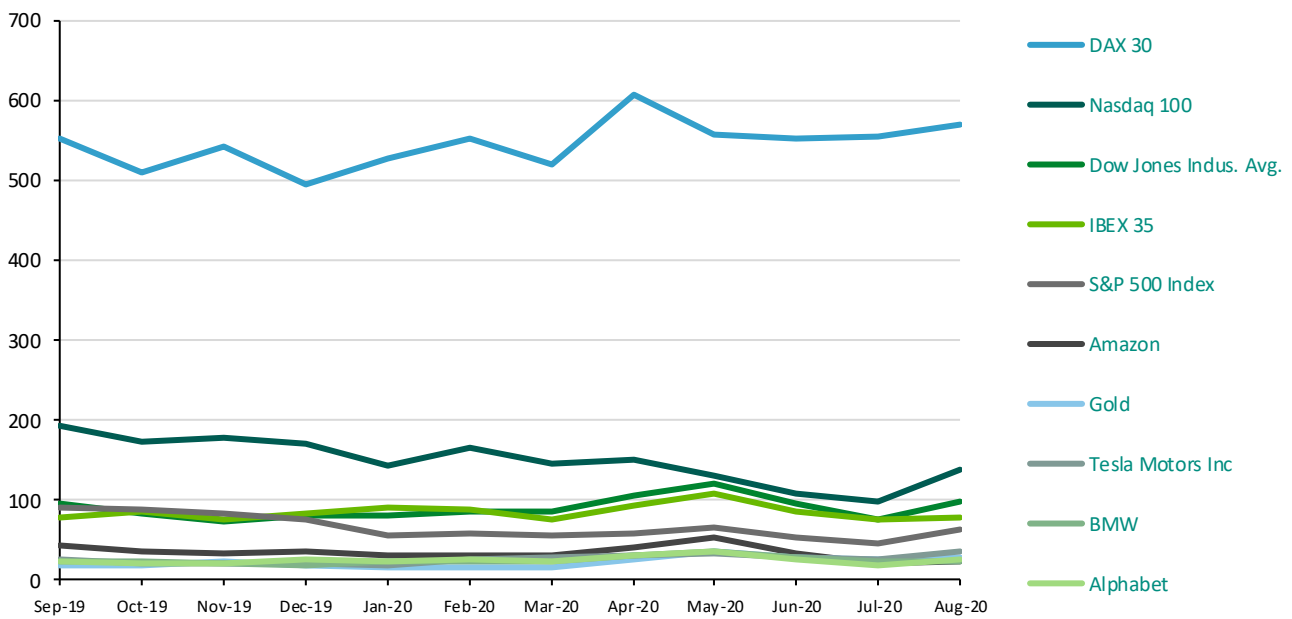
(Source Euronext)



# TOP 10 UNDERLYINGS

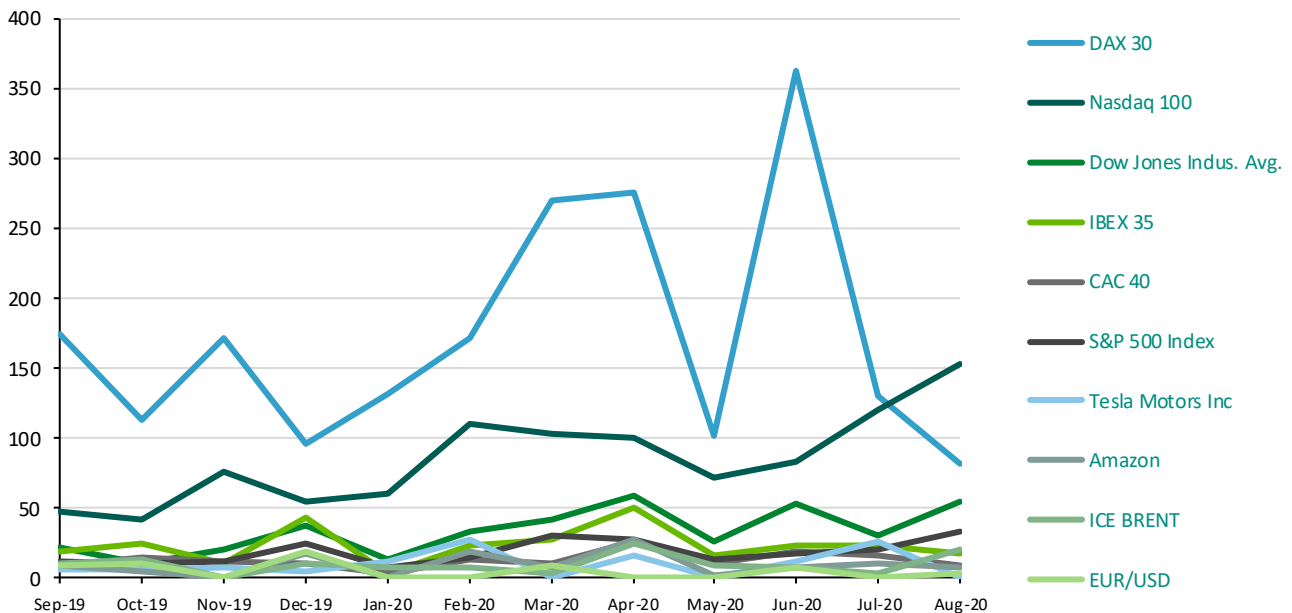
## Product Trend: Number of Live Products

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	8,198	560
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	6,118	426
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	4,545	365
PTBCPZYM0047	BCP	1300	Tracker Certificates	NASDAQ-100 Notional Net Tot	1,715	150
PTBITYE0034	BCP	1300	Tracker Certificates	DAX 30	1,706	123
DE000KB196F1	Citi	2200	Knock-Out Warrants	DAX 30	572	27
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	553	41
DE000KA39J10	Citi	2100	Warrants	DAX 30	526	27
PTBCPAYM0053	BCP	1300	Tracker Certificates	Gold	520	26
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	492	70
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	466	29
DE000KB19889	Citi	2200	Knock-Out Warrants	DAX 30	399	29
DE000KB197P8	Citi	2200	Knock-Out Warrants	Tesla Motors Inc	364	14
DE000CU1Q0Q5	Société Générale	2100	Warrants	DAX 30	339	22
DE000SB4MP40	Société Générale	2100	Warrants	Nasdaq 100	296	2
DE000KA39HR1	Citi	2100	Warrants	DAX 30	289	14
DE000CU1Q0T9	Société Générale	2100	Warrants	DAX 30	224	15
DE000SB3R8A5	Société Générale	2100	Warrants	Apple Computer Inc.	217	13
DE000KA39KP9	Citi	2100	Warrants	DAX 30	180	6
DE000KB198D2	Citi	2200	Knock-Out Warrants	Facebook Inc	150	9
DE000SB3R8V1	Société Générale	2100	Warrants	Tesla Motors Inc	149	4
DE000CL1E6T9	Société Générale	2100	Warrants	DAX 30	127	8
DE000CL1EZV5	Société Générale	2100	Warrants	Netflix	112	3
DE000KB6NYE6	Citi	2200	Knock-Out Warrants	Amazon	112	24
DE000KB6NXT6	Citi	2200	Knock-Out Warrants	Facebook Inc	108	28
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	107	31
DE000SB0UQS2	Société Générale	2200	Knock-Out Warrants	DAX 30	104	13
DE000KB192V7	Citi	2200	Knock-Out Warrants	S&P 500 Index	102	14
DE000KB192A1	Citi	2200	Knock-Out Warrants	DAX 30	101	71
PTBIU2YE0087	BCP	1300	Tracker Certificates	STOXX 600 Basic Resources Inc	98	2
DE000KB6NXQ2	Citi	2200	Knock-Out Warrants	Amazon	97	27
DE000CU1RLA0	Société Générale	2100	Warrants	DAX 30	92	4
DE000SB4JK16	Société Générale	2200	Knock-Out Warrants	DAX 30	88	35
DE000SB4MQQ5	Société Générale	2100	Warrants	S&P 500 Index	76	1
DE000KB199V2	Citi	2200	Knock-Out Warrants	DAX 30	74	18
DE000KA39J44	Citi	2100	Warrants	DAX 30	74	5
DE000SB03Y48	Société Générale	2200	Knock-Out Warrants	CAC 40	73	7
DE000CL1EZQ5	Société Générale	2100	Warrants	Apple Computer Inc.	67	9
DE000CL1E6S1	Société Générale	2100	Warrants	DAX 30	67	9
DE000CL1EZT9	Société Générale	2100	Warrants	Facebook Inc	62	10
PTBCPYM0055	BCP	1300	Tracker Certificates	MSCI Emerging Markets	53	4
DE000KB196A2	Citi	2200	Knock-Out Warrants	DAX 30	53	1
PTBIU3YE0078	BCP	1300	Tracker Certificates	STOXX 600 Utilities	53	3
DE000SB03Z05	Société Générale	2200	Knock-Out Warrants	DAX 30	47	1
DE000KB19590	Citi	2200	Knock-Out Warrants	DAX 30	46	1
DE000KB191N6	Citi	2200	Knock-Out Warrants	DAX 30	45	1
DE000CL8NHD7	Société Générale	2100	Warrants	Nasdaq 100	43	1
DE000CL85MD8	Société Générale	2100	Warrants	DAX 30	42	2
DE000SB3A2W1	Société Générale	2200	Knock-Out Warrants	DAX 30	42	48
DE000CL8M473	Société Générale	2205	Open-End Knock-Out Warrants	Gold	41	12

(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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