

# **Eurex Monthly Statistics**

September 2023



#### Monthly Report: Danmarks Nationalbank now centrally clears repos at Eurex

- Danmarks Nationalbank joins Eurex for centrally cleared repo transactions as fifth central bank
- Onboarding of the first Nordic central bank is another milestone for Eurex's cleared repo markets

Danmarks Nationalbank is now actively trading and centrally clearing repo transactions at Eurex. The onboarding of the first Nordic central bank is a major milestone for Eurex's cleared repo markets.

Over 160 counterparties registered with Eurex's repo markets

Eurex's deep liquid and centrally cleared repo markets allow to trade repos with over 160 registered participants. For more than 20 years, Eurex has enabled its clients to efficiently and securely raise or place cash in four currencies against more than 13,000 domestic and international securities. Apart from commercial banks and most recently buy-side entities, Eurex has developed a strong membership base across European public sector entities. Danmarks Nationalbank is already the second central bank outside the euro area to join Eurex and overall, the fifth central bank connected to Eurex for repo so far.

Martin Wagner Toftdahl, Head of Banking and Markets at Danmarks Nationalbank: "Joining centrally cleared repo markets is an important milestone in our reserve management. First and foremost, centrally cleared repo transactions are perfectly in line with our aim of having broad market access and ensuring efficient management across products. Having access to liquid markets for cleared repos will further strengthen our ability to achieve underlying demand for our euro liquidity."

Matthias Graulich, Member of the Executive Board at Eurex Clearing: "We welcome Danmarks Nationalbank as a Eurex Trading and Clearing Member for our repo markets. Eurex is excited to facilitate the needs of Danmarks Nationalbank with our innovative offerings. Our cleared repo markets have proven to be an efficient and reliable source of funding during all times of market events."

Significant volume increase in Eurex's cleared repo markets

With the current market environment, TLTRO repayments, and further reduction of excess liquidity, Eurex is seeing a significant increase in trading activities and reaching new record volumes in its cleared repo markets.

The total traded repo volume on Eurex across all markets has doubled this year (January to August 2023) compared to the same period in 2022. GC Pooling rose by 270 percent and the Repo Market by around 30 percent. Average Daily Term-adjusted trading volume (single counted) also reached record levels of about EUR 340 billion which is an increase of more than 70 percent compared to same period last year. Looking only at the buy side, total traded repo volume increased 265 percent year-on-year during the same period.



#### Eurex Total

Number of Products2,794Number of Series516,058Launched Products per Month30

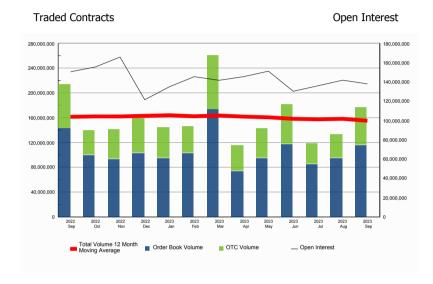
#### **Volume Development Trend**

YoY Change ← YTM/YTM prev. Year ←

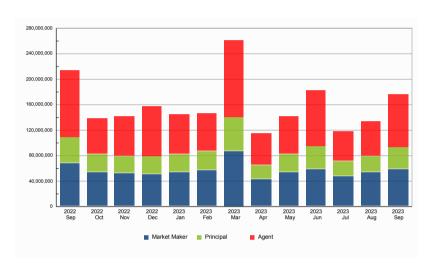
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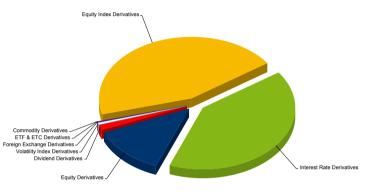
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



#### **Traded Contracts by Product Group**



Month	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent N	Market Maker	Principal	EUR	Contracts	Options	Futures
Sep 2023	176,617,108	-17.6%	8,410,338	65.34%	15,109,206	46.9%	33.2%	19.9%	12,233,134	137,924,246	28.36%	71.64%
Aug 2023	133,435,403	8.0%	5,801,539	71.07%	14,888,574	41.0%	40.0%	19.0%	9,509,770	141,731,439	34.31%	65.69%
Jul 2023	118,592,302	-7.6%	5,647,252	71.07%	13,433,162	39.9%	40.1%	20.0%	8,454,546	135,889,603	36.35%	63.65%
Jun 2023	182,078,303	-13.6%	8,276,287	64.48%	15,494,145	48.1%	32.1%	19.9%	12,515,224	130,236,464	26.64%	73.36%
May 2023	142,501,864	-8.9%	6,477,357	66.57%	15,245,677	42.0%	37.6%	20.4%	9,600,037	151,076,878	33.30%	66.70%
Apr 2023	115,727,057	-15.4%	6,429,281	63.73%	12,362,573	43.4%	36.7%	19.8%	7,330,605	145,397,481	36.72%	63.28%
Mar 2023	260,915,252	6.0%	11,344,141	66.70%	27,815,037	46.4%	33.2%	20.4%	16,984,727	141,569,419	30.42%	69.58%
Feb 2023	146,117,208	-12.2%	7,305,860	69.74%	16,307,679	40.2%	38.7%	21.1%	10,528,387	145,369,837	36.28%	63.72%
Jan 2023	144,631,082	8.4%	6,574,140	65.66%	16,657,385	43.0%	37.6%	19.4%	9,770,865	134,911,808	39.59%	60.41%
Dec 2022	158,362,232	8.4%	7,541,059	64.42%	15,146,994	50.4%	32.0%	17.6%	10,588,277	121,451,258	28.41%	71.59%
Nov 2022	141,772,240	-0.5%	6,444,193	65.15%	17,062,572	43.7%	37.4%	18.9%	9,075,939	165,702,868	40.32%	59.68%
Oct 2022	139,353,311	5.7%	6,635,872	71.02%	20,787,496	40.6%	38.7%	20.7%	9,361,483	155,422,934	36.55%	63.45%
Sep 2022	214,218,080	19.3%	9,737,185	66.37%	23,855,565	49.3%	31.5%	19.2%	14,667,485	150,433,244	28.52%	71.48%

Most Active Products (Traded Con	tracts)		
EURO STOXX 50® Index	Future	FESX	25,453,808
Futures			
EURO STOXX 50® Index	Option	OESX	21.269.024
Options	Option	OLOX	21,200,024
•			
Euro-Bund Futures	Future	FGBL	19,401,826
Euro-Bobl Futures	Future	FGBM	16,655,617
Euro-Schatz Futures	Future	FGBS	15,995,987
EURO STOXX® Banks	Future	FESB	6.500.184
Futures		. 202	0,000,.0.
Euro-BTP Futures	Future	FBTP	4,868,155
Euro-OAT-Futures	Future	FOAT	4.773.558
			, -,
STOXX® Europe 600	Future	FXXP	3,325,147
Short Term Euro-BTP-	Future	FBTS	3.131.143
Futures			-, -,,

Year	Traded Contracts				No of Trades	Market Share	•		Capital Volume in Mio	Open Interest in	Market Share	e
	Total	YoY Change	Daily Average (	Order Book Share		Agent I	Market Maker	Principal	EUR	Contracts	Options	Futures
2023	1,420,615,579	-6.3%	7,399,039	66.97%	147,313,438	44.0%	36.0%	20.0%	96,927,294	142,011,288	32.88%	67.12%
2022	1,955,730,332	14.8%	7,609,846	65.79%	226,949,389	46.4%	34.6%	19.0%	135,385,819	123,878,699	33.58%	66.42%
2021	1,703,174,493	-8.5%	6,653,025	62.87%	146,615,383	45.0%	36.7%	18.3%	126,090,824	127,110,212	36.49%	63.51%
2020	1,861,416,584	-4.4%	7,299,673	64.85%	170,368,292	40.6%	38.9%	20.4%	118,040,190	123,297,826	37.21%	62.79%
2019	1,947,144,196	-0.2%	7,696,222	58.23%	133,260,780	45.2%	34.9%	19.9%	121,174,140	128,791,347	35.98%	64.02%



#### Equity Derivatives

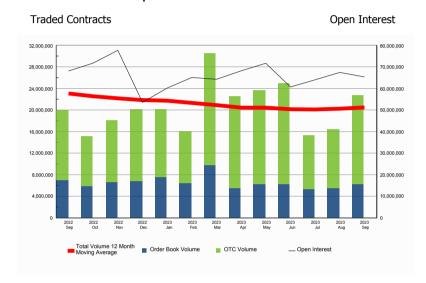
Number of Products1,912Number of Series387,842Launched Products per Month30

#### **Volume Development Trend**

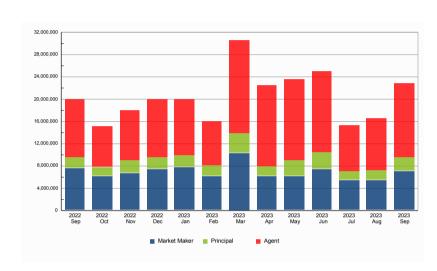
YoY Change → YTM/YTM prev. Year ←

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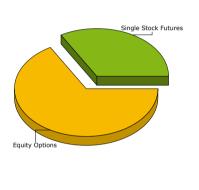
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



#### **Traded Contracts by Product Type**



Traded Contracts

Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Shar	е
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
Sep 2023	22,808,459	14.2%	1,086,117	27.15%	182,337	58.3%	31.3%	10.3%	86,864	65,327,249	66.53%	33.47%
Aug 2023	16,511,507	11.5%	717,892	33.40%	188,694	56.0%	33.5%	10.5%	60,906	67,421,049	74.24%	25.76%
Jul 2023	15,272,568	-3.3%	727,265	34.64%	179,651	53.5%	35.3%	11.2%	59,461	63,998,413	78.84%	21.16%
Jun 2023	25,042,438	-12.1%	1,138,293	24.50%	196,046	58.4%	29.7%	12.0%	95,738	60,671,781	56.45%	43.55%
May 2023	23,650,259	-0.7%	1,075,012	26.10%	190,003	61.4%	26.4%	12.2%	90,473	71,668,861	54.05%	45.95%
Apr 2023	22,467,599	-19.8%	1,248,200	24.16%	168,699	64.8%	27.2%	8.0%	77,176	68,143,509	56.84%	43.16%
Mar 2023	30,534,557	-14.0%	1,327,589	31.68%	277,401	54.6%	33.7%	11.8%	108,244	64,226,016	68.01%	31.99%
Feb 2023	16,071,995	-23.4%	803,600	40.22%	213,383	49.4%	38.5%	12.1%	72,462	65,071,787	83.81%	16.19%
Jan 2023	20,076,426	-6.4%	912,565	37.34%	282,594	50.7%	38.7%	10.6%	89,927	60,173,161	76.88%	23.12%
Dec 2022	20,069,779	-16.3%	955,704	34.22%	215,256	52.2%	37.1%	10.7%	83,042	53,537,036	63.62%	36.38%
Nov 2022	18,055,142	-20.2%	820,688	36.75%	221,275	50.0%	37.4%	12.6%	77,718	77,662,330	76.40%	23.60%
Oct 2022	15,139,777	-29.1%	720,942	39.06%	214,448	48.7%	40.4%	10.8%	57,708	71,749,470	82.03%	17.97%
Sep 2022	19,977,568	-30.9%	908,071	34.82%	224,494	51.7%	38.4%	9.9%	83,348	68,071,378	67.98%	32.02%

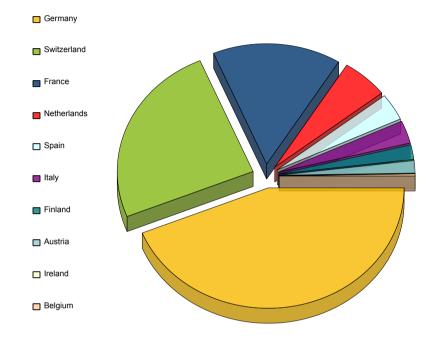
Most Active Products (Traded Conti	racts)		
Deutsche Bank	Option	DBK	1,100,124
Banco Santander S.A.	Future	SANH	1,072,050
UBS	Option	UBSN	1,014,635
Deutsche Telekom	Option	DTE	630,229
TOTALENERGIES SE	Future	TOTH	412,951
Banco Bilbao Vizcaya Argentaria	Future	BBVG	411,422
Crédit Agricole	Option	XCA	409,554
Société Générale	Option	SGE	369,367
Koninklijke KPN N.V.	Future	KPNP	360,000
ams AG Inhaber-Aktien o.N.	Option	AMS	341,534

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
2023	192,435,808	-7.8%	1,002,270	30.33%	1,878,808	56.8%	32.3%	11.0%	741,251	68,963,022	66.95%	33.05%
2022	262,052,982	-11.1%	1,019,661	31.10%	2,688,034	55.4%	35.3%	9.3%	1,052,337	55,749,236	65.65%	34.35%
2021	294,788,450	10.7%	1,151,517	27.20%	2,576,513	57.9%	31.4%	10.7%	1,190,870	62,028,333	68.36%	31.64%
2020	266,319,440	-36.3%	1,044,390	30.95%	2,926,027	48.7%	38.0%	13.3%	1,063,656	56,092,493	71.01%	28.99%
2019	417,897,434	14.4%	1,651,769	20.29%	3,039,547	63.6%	27.6%	8.9%	1,461,578	61,465,454	44.43%	55.57%



Volume by Product & Country

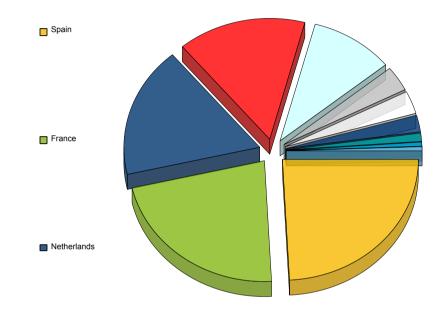
Equity Options by Country



**Traded Contracts** 

Country of U	nderlying	Traded Contracts	Share
Top 10	Germany	6,657,845	43.9%
	Switzerland	3,734,688	24.6%
	France	2,300,392	15.2%
	Netherlands	870,428	5.7%
	Spain	533,220	3.5%
	Italy	481,077	3.2%
	Finland	281,577	1.9%
	Austria	231,800	1.5%
	Ireland	34,067	0.2%
	Belgium	27,014	0.2%
Total		15,152,108	100.0%

#### Single Stock Futures by Country



**Traded Contracts** 

Country of Underlying		Traded Contracts	Share
Top 10	Spain	1,852,401	24.3%
	France	1,686,825	22.1%
	Netherlands	1,336,410	17.5%
	Germany	1,171,538	15.3%
	Finland	752,414	9.9%
	Switzerland	264,743	3.5%
	Ireland	230,340	3.0%
	Italy	178,852	2.3%
	Belgium	75,286	1.0%
	Great Britain	50,006	0.7%
Others		35,946	0.5%
Total		7,634,761	100.0%



#### Equity Derivatives :: Single Stock Futures

Number of Products 1,274
Number of Series 18,426
Launched Products per Month 0

#### **Volume Development Trend**

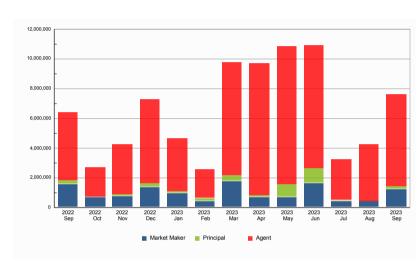
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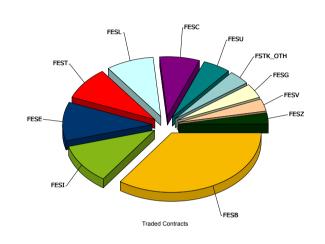
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



#### **Traded Contracts by Product Class**



Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	7,634,761	19.4%	363,560	0.00%	1,086	80.8%	16.4%	2.8%	23,679	4,367,889		
Aug 2023	4,253,475	18.6%	184,934	0.00%	318	89.3%	10.3%	0.4%	9,083	5,255,519		
Jul 2023	3,231,208	-6.0%	153,867	0.00%	343	84.3%	13.9%	1.8%	8,314	5,087,234		
Jun 2023	10,904,966	-21.4%	495,680	0.00%	1,282	75.5%	15.2%	9.3%	35,396	5,148,713		
May 2023	10,866,279	7.6%	493,922	0.00%	907	85.5%	6.6%	7.9%	32,270	8,542,175		
Apr 2023	9,697,425	-38.1%	538,746	0.00%	809	91.2%	7.2%	1.5%	23,847	6,688,731		
Mar 2023	9,767,208	-35.3%	424,661	0.00%	1,280	77.5%	18.5%	4.1%	29,192	4,349,827		
Feb 2023	2,601,770	-26.5%	130,089	0.04%	464	76.5%	16.2%	7.3%	10,983	5,038,955		
Jan 2023	4,641,226	15.5%	210,965	0.03%	769	76.8%	21.3%	2.0%	14,123	4,798,532		
Dec 2022	7,302,116	-26.4%	347,720	0.02%	1,249	77.4%	18.8%	3.8%	26,497	4,419,161		
Nov 2022	4,260,824	-28.7%	193,674	0.01%	669	78.9%	18.5%	2.6%	15,587	6,814,107		
Oct 2022	2,720,464	-64.1%	129,546	0.03%	463	74.6%	24.4%	1.0%	11,703	4,876,900		
Sep 2022	6,395,843	-37.0%	290,720	0.02%	1,245	71.4%	24.7%	3.9%	26,791	4,722,666		

Most Active Products (Traded Contracts)		
Banco Santander S.A.	SANH	1,072,050
TOTALENERGIES SE	TOTH	412,951
Banco Bilbao Vizcaya Argentaria	BBVG	411,422
Koninklijke KPN N.V.	KPNP	360,000
Telefónica	TEFG	313,932
Société Générale	SGEI	250,200
FUT ON PHY ING	INNQ	248,336
AXA	AXAG	233,850
TRF ON Ryanair	TRYA	230,000
Crédit Agricole	XCAH	199,100

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	63,598,318	-16.0%	331,241	0.01%	7,258	82.0%	13.3%	4.7%	186,887	7,772,462		
2022	90,006,658	-3.5%	350,220	0.01%	12,492	77.3%	20.4%	2.3%	315,904	6,223,411		
2021	93,258,535	20.8%	364,291	0.02%	13,383	77.8%	17.6%	4.6%	370,432	9,160,188		
2020	77,212,511	-66.8%	302,794	0.06%	15,796	70.7%	23.2%	6.1%	302,142	6,199,575		
2019	232,226,570	31.8%	917,892	0.12%	37,734	85.8%	10.4%	3.8%	666,260	10,506,303		

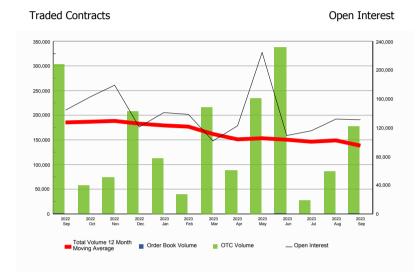


#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Automobiles & Parts Components

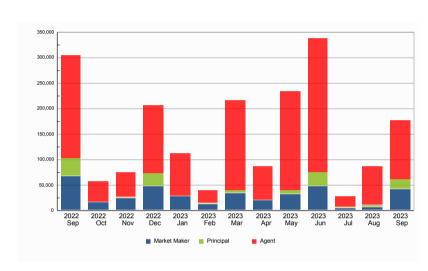
Number of Products 44
Number of Series 573
Launched Products per Month 0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↓ ↓ <-25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

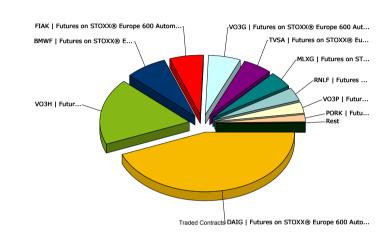


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	177,151	-41.8%	8,436	0.11%	89	64.9%	23.7%	11.4%	1,465	130,946		
Aug 2023	87,218	57.8%	3,792	0.03%	37	88.9%	8.5%	2.6%	685	131,753		
Jul 2023	27,387	-63.9%	1,304	0.00%	28	76.4%	20.0%	3.7%	295	115,543		
Jun 2023	337,895	-9.6%	15,359	0.07%	112	77.7%	14.1%	8.2%	2,419	108,878		
May 2023	233,944	12.9%	10,634	0.00%	67	83.0%	13.3%	3.6%	1,457	224,608		
Apr 2023	87,676	-59.7%	4,871	0.00%	28	76.3%	22.3%	1.4%	632	122,386		
Mar 2023	215,882	-45.5%	9,386	0.00%	98	81.1%	16.1%	2.8%	1,896	101,419		
Feb 2023	39,220	-42.4%	1,961	0.00%	23	60.8%	32.2%	6.9%	441	138,305		
Jan 2023	113,082	-27.8%	5,140	0.00%	59	74.4%	24.8%	0.9%	1,063	140,815		
Dec 2022	207,842	-24.1%	9,897	0.01%	87	64.6%	23.1%	12.3%	1,600	120,797		
Nov 2022	74,720	34.8%	3,396	0.00%	38	65.5%	33.0%	1.6%	722	178,955		
Oct 2022	57,907	41.4%	2,757	0.00%	32	72.4%	26.9%	0.7%	491	162,508		
Sep 2022	304.512	27.0%	13.841	0.02%	111	65.9%	22.4%	11.7%	3.002	144,166		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	1,319,455	-28.8%	6,872	0.03%	541	77.3%	17.3%	5.4%	10,354	160,706		
2022	2,194,930	18.9%	8,541	0.01%	805	68.8%	25.7%	5.5%	19,180	182,798		
2021	1,846,476	-32.2%	7,213	0.01%	725	64.5%	23.8%	11.7%	17,314	181,526		
2020	2,723,714	-64.2%	10,681	0.06%	813	78.5%	14.0%	7.5%	13,698	179,791		
2019	7,609,231	73.5%	30,076	0.25%	2,842	86.2%	10.3%	3.5%	41,399	481,413		



Most Active Products (Traded Contracts)		
MERCEDES-BENZ GROUP AG	DAIG	77,750
VOLKSWAGEN AG VORZUGSAKTIEN O.ST. O.N.	VO3H	31,850
BMW	BMWF	13,190
Stellantis N.V:	FIAK	11,000
Volkswagen Vz.	VO3G	10,215
TRF ON Valeo SE	TVSA	9,496
Michelin	MLXG	8,000
Renault	RNLF	6,378
PHY VOLKSWAGEN VZ	VO3P	5,422
Porsche Automobil Holding	PORK	3,300



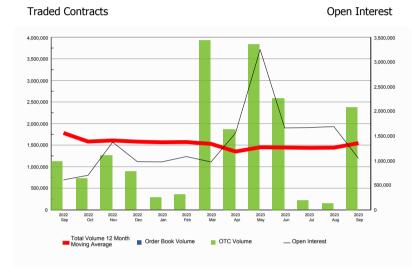
#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Banks Components

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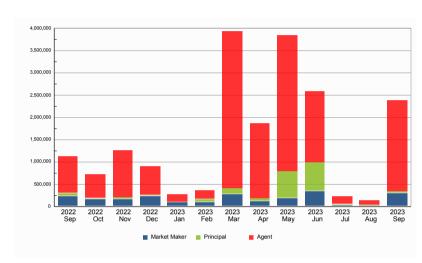
Number of Products 864 Number of Series Launched Products per Month

#### **Volume Development Trend** MoM Change 1 YTM/YTM prev. Year ← $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

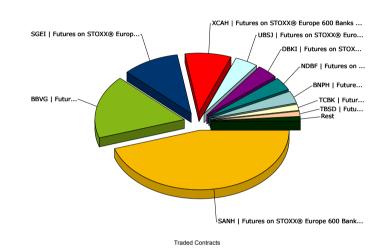


#### **Traded Contracts by Account Type**



Month	Traded Contracts Total	YoY Change	Daily Average	Orderbook Share	No of Trades	Market Sha Agent	ire Market Maker	Principal	Capital Volume in Mio EUR	Open Interest in Contracts	Market Share Calls	Puts
Sep 2023	2,388,677	111.4%	113,747	0.00%	101	85.3%	12.6%	2.1%	2,702	1,044,640		
Aug 2023	139,691	58.2%	6,074	0.02%	20	85.7%	12.5%	1.8%	291	1,687,844		
Jul 2023	222,162	-28.4%	10,579	0.00%	16	81.2%	17.4%	1.4%	303	1,669,128		
Jun 2023	2,594,602	-2.3%	117,936	0.00%	104	61.5%	13.1%	25.3%	3,605	1,659,966		
May 2023	3,846,749	44.2%	174,852	0.00%	166	79.4%	5.1%	15.5%	6,002	3,251,249		
Apr 2023	1,871,749	-53.3%	103,986	0.00%	65	89.7%	6.4%	3.9%	2,182	1,558,300		
Mar 2023	3,940,526	-11.3%	171,327	0.00%	113	89.8%	7.0%	3.2%	3,771	970,470		
Feb 2023	370,531	22.5%	18,527	0.01%	31	53.9%	27.1%	19.0%	675	1,080,756		
Jan 2023	285,393	-37.5%	12,972	0.00%	43	64.3%	30.4%	5.3%	646	972,146		
Dec 2022	900,415	-26.9%	42,877	0.01%	107	70.7%	26.9%	2.3%	2,126	978,578		
Nov 2022	1,275,380	30.3%	57,972	0.00%	92	83.8%	12.2%	4.0%	2,263	1,373,473		
Oct 2022	720,028	-76.8%	34,287	0.00%	32	74.5%	24.1%	1.4%	578	700,643		
Sep 2022	1,129,738	-41.8%	51,352	0.01%	73	73.8%	21.4%	4.8%	1,017	607,743		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	15,660,080	-2.5%	81,563	0.00%	659	80.4%	9.4%	10.2%	20,178	2,439,057		
2022	18,958,750	33.4%	73,769	0.00%	1,093	83.9%	13.9%	2.2%	25,645	1,373,527		
2021	14,207,892	14.8%	55,500	0.04%	1,175	80.3%	13.3%	6.4%	34,581	1,416,119		
2020	12,371,513	-85.0%	48,516	0.07%	1,409	57.4%	32.0%	10.5%	15,390	832,654		
2019	82,603,003	51.3%	326,494	0.05%	4,192	85.4%	9.4%	5.2%	76,906	2,253,064		



Most Active Products (Traded Contracts)		
Banco Santander S.A.	SANH	1,072,050
Banco Bilbao Vizcaya Argentaria	BBVG	411,422
Société Générale	SGEI	250,200
Crédit Agricole	XCAH	199,100
UBS Group AG	UBSJ	100,000
Deutsche Bank AG	DBKI	91,250
Nordea Bank ABP	NDBF	88,000
BNP Paribas	BNPH	78,300
TRF ON Commerzbank AG	TCBK	41,473
TRF ON Banco Santander Central Hispano	TBSD	29,732

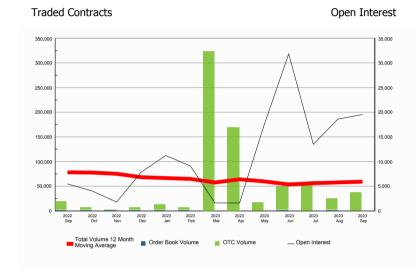


#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Basic Resources Components

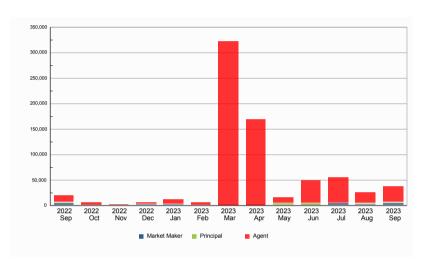
Number of Products35Number of Series486Launched Products per Month0

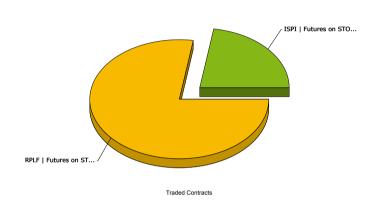
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Most Active Products (Traded Contracts)		
UPM-Kymmene	RPLF	29,080
ARCELORMITTAL	ISPI	8,400

Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	37,480	91.7%	1,785	0.00%	7	82.1%	11.2%	6.7%	112	19,545		
Aug 2023	26,155	255.9%	1,137	0.19%	6	80.7%	9.7%	9.6%	76	18,595		
Jul 2023	54,900	133.3%	2,614	0.00%	12	89.9%	10.1%	0.0%	245	13,490		
Jun 2023	49,505	-60.2%	2,250	0.15%	11	89.7%	0.2%	10.1%	159	31,840		
May 2023	16,280	-75.4%	740	0.00%	4	69.3%	0.0%	30.7%	63	17,420		
Apr 2023	169,600	82.5%	9,422	0.00%	17	99.9%	0.1%	0.0%	529	1,590		
Mar 2023	323,300	-21.2%	14,057	0.00%	21	99.7%	0.3%	0.0%	416	1,590		
Feb 2023	6,200	-76.6%	310	4.03%	16	94.8%	5.2%	0.0%	46	9,090		
Jan 2023	13,353	-61.6%	607	2.06%	25	84.5%	15.5%	0.0%	163	11,220		
Dec 2022	6,190	-93.0%	295	3.23%	14	60.0%	40.0%	0.0%	59	7,845		
Nov 2022	375	-98.8%	17	20.00%	4	40.0%	60.0%	0.0%	19	1,780		
Oct 2022	6,585	-47.4%	314	8.73%	27	91.3%	8.7%	0.0%	22	4,030		
Sep 2022	19,550	-61.4%	889	2.94%	33	71.1%	27.9%	1.0%	132	5,470		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	696,773	-13.5%	3,629	0.09%	119	95.6%	2.3%	2.2%	1,808	48,125		
2022	818,680	-14.6%	3,186	0.20%	248	73.9%	14.4%	11.7%	3,040	23,820		
2021	958,090	87.3%	3,743	0.04%	181	68.4%	17.3%	14.3%	2,830	61,525		
2020	511,542	-37.3%	2,006	0.06%	147	68.1%	25.2%	6.8%	1,260	72,980		
2019	815,384	92.3%	3,223	0.05%	302	81.8%	11.6%	6.6%	2,077	107,975		



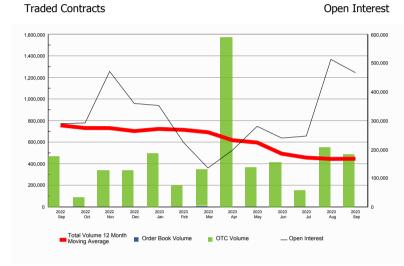
#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Chemicals Components

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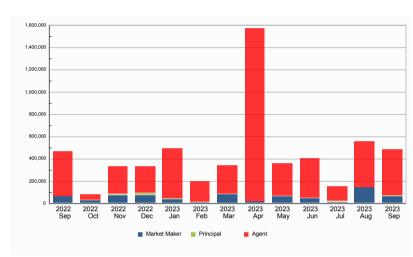
Number of Products 944 Number of Series Launched Products per Month

### **Volume Development Trend** MoM Change ← YTM/YTM prev. Year ↓ $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

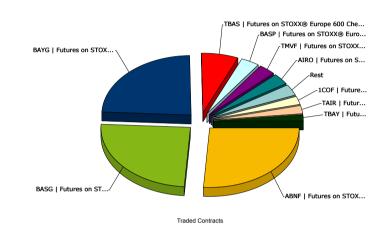


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	488,759	4.6%	23,274	0.00%	82	84.9%	12.9%	2.2%	2,155	466,475		
Aug 2023	555,560	-20.7%	24,155	0.00%	32	74.3%	25.7%	0.0%	995	512,673		
Jul 2023	154,934	-73.9%	7,378	0.00%	14	84.7%	9.3%	6.0%	334	246,067		
Jun 2023	409,614	-75.2%	18,619	0.00%	80	88.6%	11.4%	0.1%	2,305	239,136		
May 2023	365,349	-41.3%	16,607	0.00%	67	81.2%	17.7%	1.1%	2,313	280,002		
Apr 2023	1,572,120	-36.1%	87,340	0.00%	49	98.7%	1.3%	0.0%	1,500	197,251		
Mar 2023	345,529	-43.4%	15,023	0.06%	101	74.8%	24.0%	1.3%	2,074	135,056		
Feb 2023	202,866	-33.8%	10,143	0.01%	31	94.4%	5.6%	0.0%	728	224,291		
Jan 2023	496,726	91.4%	22,578	0.00%	66	91.0%	8.6%	0.4%	1,143	352,291		
Dec 2022	338,193	-49.4%	16,104	0.01%	117	71.4%	22.7%	5.9%	2,063	359,458		
Nov 2022	336,381	-2.2%	15,290	0.01%	79	76.0%	22.0%	2.0%	1,450	470,837		
Oct 2022	85,142	-77.7%	4,054	0.22%	25	66.4%	31.2%	2.3%	374	291,466		
Sep 2022	467,480	-40.4%	21,249	0.01%	109	85.8%	13.5%	0.7%	2,375	289,365		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	4,591,457	-40.1%	23,914	0.00%	522	88.7%	10.7%	0.7%	13,547	570,208		
2022	8,430,700	5.2%	32,804	0.01%	1,190	75.2%	23.0%	1.8%	31,217	891,096		
2021	8,012,229	41.0%	31,298	0.00%	1,076	83.3%	12.6%	4.1%	37,996	393,429		
2020	5,682,358	-45.7%	22,284	0.04%	1,404	82.3%	9.8%	7.9%	34,562	655,361		
2019	10,466,419	58.2%	41,369	0.03%	1,972	89.3%	5.3%	5.4%	40,169	970,774		



Most Active Products (Traded Contracts)		
ABN AMRO Bank	ABNF	127,250
BASF	BASG	121,850
BAYER AG	BAYG	115,600
TRF ON BASF	TBAS	32,484
PHY BASF AG	BASP	16,250
TeamViewer AG	TMVF	16,000
AIR LIQUIDE	AIRO	15,200
Covestro AG	1COF	11,800
TRF ON AIR LIQUIDE	TAIR	9,720
TRF ON BAYER AG	TBAY	8,800



#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Construction & Materials Components

Number of Products 33
Number of Series 468
Launched Products per Month 0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↓ ↓ <-25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

Total

46,757

21,911

3,830

169,256

116,840

66,720

91,539

40,798

9,922

115,347

85,075

86,858

66,530

Sep 2023

Aug 2023

Jul 2023

Jun 2023

May 2023

Apr 2023

Mar 2023

Feb 2023

Jan 2023

Dec 2022

Nov 2022

Oct 2022

Sep 2022

YoY Change

-29.7%

121.1%

-57.7%

-28.8%

-45.4%

-77.1%

-54.2%

-16.6%

-89.7%

-64.5%

-41.7%

-30.6%

-62.8%

2,227

953

182

7,693

5,311

3,707

3,980

2,040

451

5,493

3,867

4,136

3,024

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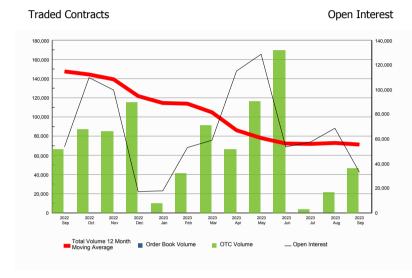
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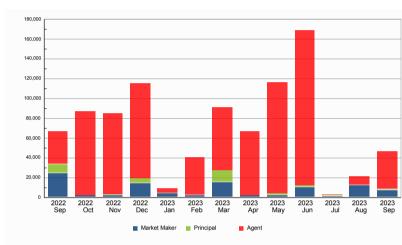
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#### **Traded Contracts by Account Type**



	0 (	2022 Sep	2022 Oct	2022 Nov	2022 Dec	2023 Jan		2023 Mar	2023 Apr	2023 May	2023 Jun	2023 Jul	2023 Aug	2023 Sep	
					■ Marke	et Make	r Princ	ipal	■ Agent	t.					
des	Market Sha Agent		et Maker		Principa	_	Capital V EUR	'olume i	n Mio	Open II		n		et Share alls	Puts
31	81.1%		15.8%		3.0%			46	0		32,86	30	0	ulio	i uto
17	43.5%		56.5%		0.0%			17			68,62				
6	39.9%	2	17.7%		12.4%	)		5	51		57,3	55			
48	92.6%		5.9%		1.5%	)		1,07	<b>'</b> 4		53,52	25			
23	95.9%		2.4%		1.7%	)		83	5		128,68	30			
16	96.3%		3.7%		0.0%	)		49	)4		115,09	90			
44	70.2%		16.4%		13.3%	)		82	24		58,9°	10			
12	94.2%		5.8%		0.0%	)		55	7		52,9	56			
15	55.6%	4	11.9%		2.6%	)		ç	14		17,84	14			
51	83.5%		12.9%		3.6%	)		1.14	.9		17.19	94			

900

721

486

99,618

109,703

53,560

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	567,573	-51.7%	2,956	0.00%	212	86.4%	10.3%	3.3%	4,561	35,328		
2022	1,461,265	-38.3%	5,686	0.01%	419	82.3%	15.1%	2.6%	10,400	42,650		
2021	2,369,047	118.4%	9,254	0.08%	599	84.7%	13.4%	1.9%	17,171	117,080		
2020	1,084,598	-67.8%	4,253	0.04%	373	72.3%	26.4%	1.4%	5,349	106,688		
2019	3,369,277	-6.5%	13,317	0.32%	1,488	87.4%	11.6%	1.0%	20,003	109,135		

96.2%

97.1%

49.2%

3.1%

2.9%

36.9%

0.7%

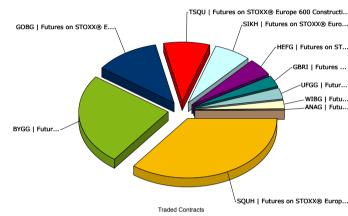
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13.8%

24

13

47



Most Active Products (Traded Contracts)		
Vinci	SQUH	16,490
Bouygues	BYGG	11,500
Saint-Gobain	GOBG	5,550
TRF ON VINCI	TSQU	3,804
SIKA AG	SIKH	3,200
HeidelbergCement	HEFG	2,130
Geberit (100)	GBRI	1,530
Ferrovial	UFGG	1,373
Wienerberger	WIBG	1,000
Acciona	ANAG	180



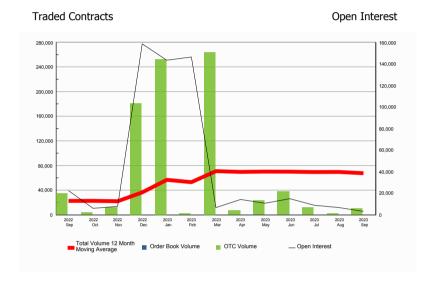
#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Financial Services Components

Number of Products28Number of Series378Launched Products per Month0

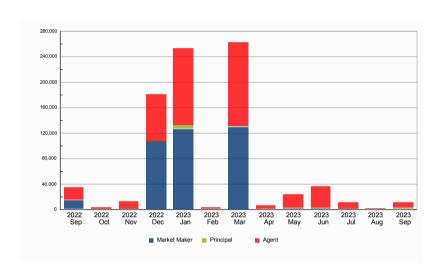
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↑

 $\downarrow$  < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

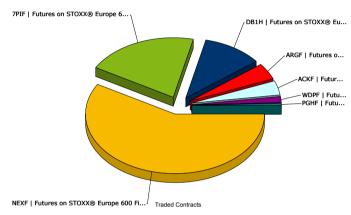
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



<b>Traded Contracts by Product</b>	



Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	10,792	-69.5%	514	0.00%	15	78.3%	1.6%	20.1%	80	3,162		
Aug 2023	2,900	163.6%	126	0.00%	3	94.8%	5.2%	0.0%	44	6,758		
Jul 2023	11,479	-38.3%	547	0.00%	7	99.8%	0.2%	0.0%	118	8,858		
Jun 2023	37,479	-4.2%	1,704	0.00%	26	95.6%	3.7%	0.7%	397	14,979		
May 2023	23,470	33.9%	1,067	0.11%	22	89.6%	9.3%	1.1%	257	10,732		
Apr 2023	7,500	-66.3%	417	0.00%	2	100.0%	0.0%	0.0%	59	14,233		
Mar 2023	263,276	441.3%	11,447	0.00%	9	50.6%	49.4%	0.0%	133	6,733		
Feb 2023	3,000	-93.8%	150	0.00%	1	100.0%	0.0%	0.0%	10	146,358		
Jan 2023	252,764	>1000%	11,489	0.00%	15	47.7%	49.9%	2.4%	146	143,358		
Dec 2022	180,914	>1000%	8,615	0.00%	13	40.9%	59.0%	0.0%	225	158,512		
Nov 2022	12,850	-38.2%	584	0.00%	4	93.8%	6.2%	0.0%	137	7,868		
Oct 2022	3,918	56.7%	187	0.00%	9	84.3%	11.9%	3.7%	67	6,018		
Sep 2022	35,380	657.6%	1,608	0.00%	11	58.4%	41.6%	0.0%	181	22,500		

Most Active Products (Traded Contracts)		
Nexi SpA	NEXF	6,297
Poste Italiane	7PIF	2,200
Deutsche Börse	DB1H	1,150
argenx SE	ARGF	500
Ackermans & van Haaren	ACKF	399
Warehouses De Pauw Sca	WDPF	200
Partners Grp Holding	PGHF	46

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	612,660	156.3%	3,191	0.00%	100	56.1%	42.5%	1.4%	1,244	137,266		
2022	436,743	327.6%	1,699	0.00%	126	55.5%	41.9%	2.7%	2,149	180,187		
2021	102,144	-14.5%	399	0.00%	101	87.1%	7.9%	5.0%	1,217	25,111		
2020	119,508	-30.2%	469	0.02%	119	68.5%	22.8%	8.7%	1,255	11,003		
2019	171,204	4.1%	677	0.01%	127	86.5%	9.5%	4.0%	756	22,313		



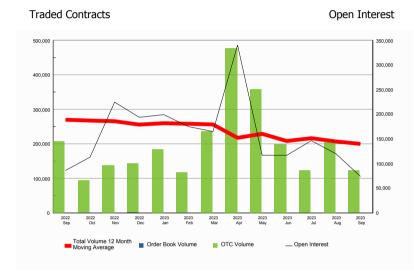
#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Food & Beverage Components

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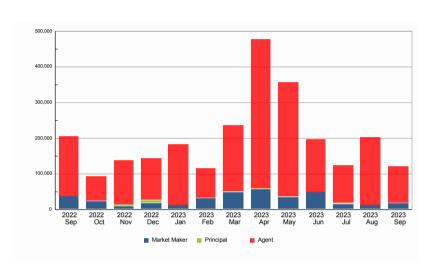
Number of Products 624 Number of Series Launched Products per Month

#### **Volume Development Trend** MoM Change 👃 YTM/YTM prev. Year ← $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

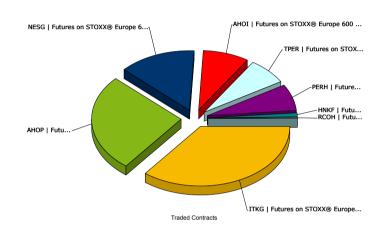


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	122,000	-41.0%	5,810	0.00%	41	85.3%	14.1%	0.5%	870	73,869		
Aug 2023	203,895	-35.8%	8,865	0.00%	18	94.5%	5.3%	0.2%	1,087	119,889		
Jul 2023	124,641	365.9%	5,935	0.02%	28	86.7%	13.0%	0.3%	979	146,404		
Jun 2023	197,299	-55.9%	8,968	0.00%	56	75.7%	24.0%	0.3%	1,390	116,625		
May 2023	358,226	62.9%	16,283	0.00%	52	89.8%	10.0%	0.2%	2,441	116,827		
Apr 2023	477,750	-49.3%	26,542	0.00%	79	87.5%	12.0%	0.5%	3,747	340,277		
Mar 2023	236,042	-9.1%	10,263	0.00%	63	78.0%	21.0%	1.0%	1,713	164,896		
Feb 2023	116,308	-14.7%	5,815	0.00%	25	71.8%	27.0%	1.2%	816	174,884		
Jan 2023	182,875	37.0%	8,313	0.00%	27	92.8%	6.5%	0.8%	784	199,192		
Dec 2022	144,583	-44.8%	6,885	0.18%	49	82.7%	12.1%	5.2%	1,207	193,745		
Nov 2022	138,058	-14.5%	6,275	0.00%	40	90.0%	6.6%	3.4%	984	224,540		
Oct 2022	94,775	-23.0%	4,513	0.00%	26	73.9%	26.1%	0.0%	779	113,012		
Sep 2022	206,743	-18.0%	9,397	0.00%	49	82.0%	17.5%	0.4%	1,210	85,937		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	2,019,036	-24.9%	10,516	0.00%	389	85.7%	13.7%	0.5%	13,827	122,320		
2022	3,067,429	-29.3%	11,936	0.01%	640	79.2%	19.3%	1.5%	18,644	238,981		
2021	4,340,256	-20.7%	16,954	0.01%	818	81.6%	17.1%	1.3%	26,395	331,221		
2020	5,475,073	-45.1%	21,471	0.01%	1,011	78.2%	19.8%	2.1%	32,491	164,485		
2019	9,969,673	-10.4%	39,406	0.02%	1,776	82.3%	13.4%	4.3%	63,546	246,802		



Most Active Products (Traded Contracts)		
Anheuser-Bush InBev	ITKG	43,480
PHY AHOLD DELHAIZE N.V.	AHOP	32,000
Nestlé	NESG	17,108
Ahold N.V.	AHOI	10,000
TRF ON Pernod Ricard	TPER	8,990
Pernod Ricard	PERH	8,650
Heineken	HNKF	1,400
REMY COINTREAU S.A. , ACTIONS AU PORTEUR EO 1,60	RCOH	372

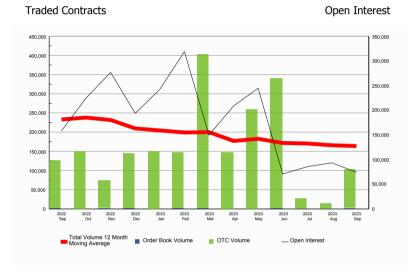


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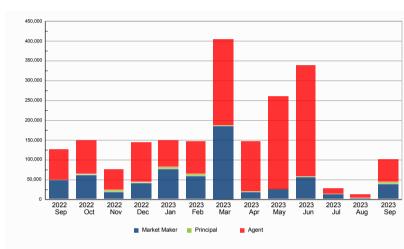
Number of Products 1,034 Number of Series Launched Products per Month

#### **Volume Development Trend** MoM Change 1 YTM/YTM prev. Year $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

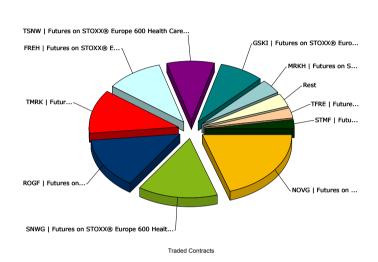
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



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Most Active Products (Traded Contracts)		
NOVARTIS SANDOZ	NOVG	20,440
BASKET		
SANOFI	SNWG	14,804
Roche Holding	ROGF	14,320
TRF ON Merck KGaA	TMRK	12,054
Fresenius SE	FREH	10,600
TRF ON SANOFI	TSNW	8,936
GSK Plc	GSKI	8,250
Merck KGaA	MRKH	3,850
TRF ON Fresenius SE	TFRE	2,775
Straumann Holding	STMF	2,700

Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	102,456	-19.4%	4,879	0.06%	68	57.3%	38.5%	4.2%	1,388	74,121		_
Aug 2023	13,990	-79.6%	608	0.00%	15	73.6%	26.4%	0.0%	237	93,350		
Jul 2023	27,569	-37.4%	1,313	0.00%	22	49.5%	48.6%	1.9%	424	85,500		
Jun 2023	340,137	-27.7%	15,461	0.02%	94	82.5%	16.4%	1.1%	3,677	70,626		
May 2023	260,868	34.8%	11,858	0.00%	52	89.8%	10.1%	0.1%	2,589	244,729		
Apr 2023	148,086	-65.0%	8,227	0.00%	53	86.5%	12.9%	0.7%	1,598	208,617		
Mar 2023	404,276	2.6%	17,577	0.03%	131	53.5%	46.0%	0.4%	3,968	149,477		
Feb 2023	147,170	-30.5%	7,359	0.04%	72	56.4%	39.8%	3.8%	1,930	318,869		
Jan 2023	150,659	-29.6%	6,848	0.00%	84	45.0%	51.6%	3.4%	1,436	242,279		
Dec 2022	144,315	-64.7%	6,872	0.05%	78	69.2%	28.1%	2.7%	1,621	193,699		
Nov 2022	75,432	-49.7%	3,429	0.16%	32	70.1%	24.6%	5.3%	700	276,715		
Oct 2022	149,899	64.1%	7,138	0.00%	76	57.7%	41.5%	0.8%	1,815	224,790		
Sep 2022	127,121	-52.5%	5,778	0.10%	74	61.9%	38.1%	0.0%	1,075	158,158		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	1,595,211	-25.7%	8,308	0.02%	591	68.5%	30.1%	1.4%	17,246	97,490		
2022	2,516,541	-35.1%	9,792	0.13%	1,028	70.5%	28.5%	1.0%	27,523	247,053		
2021	3,876,406	7.2%	15,142	0.11%	1,241	74.3%	24.0%	1.7%	37,817	343,642		
2020	3,615,377	-55.2%	14,178	0.04%	1,460	66.4%	31.8%	1.8%	44,784	197,187		
2019	8,073,391	37.1%	31,911	0.08%	2,803	76.3%	22.0%	1.7%	77,120	468,716		

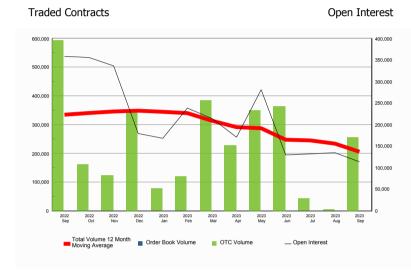


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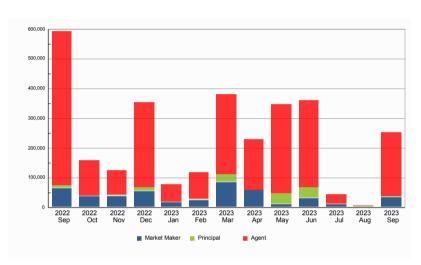
Number of Products123Number of Series1,703Launched Products per Month0

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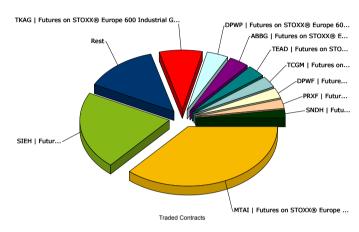
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



Traded	Contracts	by	Product



Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	255,210	-56.9%	12,153	0.00%	87	85.4%	13.0%	1.6%	1,547	113,559		
Aug 2023	5,627	-96.0%	245	0.00%	8	48.2%	42.2%	9.6%	39	134,792		
Jul 2023	43,362	-40.4%	2,065	0.00%	20	75.6%	24.4%	0.0%	353	131,966		
Jun 2023	362,476	-56.9%	16,476	0.00%	119	81.5%	8.3%	10.2%	3,337	129,556		
May 2023	348,360	-11.4%	15,835	0.00%	52	85.9%	2.9%	11.2%	2,743	280,802		
Apr 2023	229,473	-53.9%	12,749	0.01%	79	74.4%	24.8%	0.9%	1,860	170,665		
Mar 2023	383,115	-45.3%	16,657	0.01%	135	70.7%	22.6%	6.6%	2,700	214,020		
Feb 2023	120,372	-31.4%	6,019	0.01%	42	76.1%	19.6%	4.3%	964	238,202		
Jan 2023	78,715	-37.1%	3,578	0.00%	60	76.4%	21.8%	1.8%	626	168,207		
Dec 2022	354,669	10.3%	16,889	0.00%	108	80.5%	15.2%	4.3%	2,542	179,198		
Nov 2022	124,351	102.1%	5,652	0.00%	50	66.7%	29.8%	3.5%	808	336,012		
Oct 2022	160,592	79.3%	7,647	0.04%	41	76.0%	23.6%	0.4%	1,179	355,414		
Sep 2022	592,521	37.8%	26,933	0.01%	153	87.0%	10.9%	2.0%	3,677	358,239		

Most Active Products (Traded Contracts)		
Wartsila	MTAI	92,858
Siemens	SIEH	53,888
ThyssenKrupp	TKAG	20,000
ABB LTD	ABBG	9,500
PHY DEUTSCHE POST AG	DPWP	9,500
TRF ON AIRBUS SE	TEAD	8,568
TRF ON Capgemini	TCGM	7,978
Deutsche Post	DPWF	6,950
Prosus NV	PRXF	6,300
Schneider Electric	SNDH	5,545

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share		
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts	
2023	1,826,710	-48.4%	9,514	0.00%	602	78.9%	14.8%	6.3%	14,171	234,123			
2022	4,177,983	59.0%	16,257	0.02%	1,248	80.9%	16.9%	2.2%	29,291	336,878			
2021	2,627,007	-32.0%	10,262	0.06%	1,019	71.3%	23.0%	5.7%	20,937	254,693			
2020	3,863,880	-52.1%	15,152	0.07%	1,580	71.4%	22.1%	6.6%	23,090	228,798			
2019	8,073,012	22.3%	31,909	0.05%	2,568	83.9%	11.1%	5.0%	53,917	422,767			

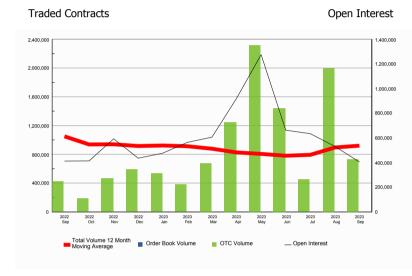


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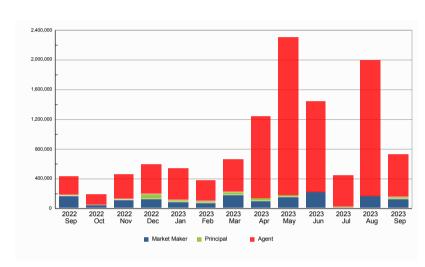
Number of Products 94
Number of Series 1,062
Launched Products per Month 0

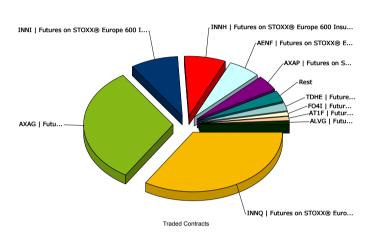
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#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	734,096	70.8%	34,957	0.00%	93	79.9%	16.4%	3.7%	1,842	404,322		
Aug 2023	2,003,562	157.7%	87,111	0.00%	44	91.5%	8.3%	0.2%	2,219	530,845		
Jul 2023	448,288	48.2%	21,347	0.00%	27	96.2%	1.6%	2.2%	723	634,005		
Jun 2023	1,447,491	-17.1%	65,795	0.00%	130	84.6%	14.9%	0.5%	3,800	662,375		
May 2023	2,310,906	-9.8%	105,041	0.00%	164	92.5%	6.6%	0.9%	5,598	1,275,620		
Apr 2023	1,247,449	-33.0%	69,303	0.00%	120	89.2%	8.5%	2.4%	3,070	920,976		
Mar 2023	668,610	-38.3%	29,070	0.00%	129	66.4%	26.5%	7.1%	2,442	605,990		
Feb 2023	388,400	-24.2%	19,420	0.00%	40	74.4%	16.9%	8.7%	1,120	563,430		
Jan 2023	536,900	19.5%	24,405	0.00%	60	80.3%	16.0%	3.7%	1,700	476,074		
Dec 2022	597,033	-32.8%	28,430	0.02%	104	66.9%	20.2%	12.9%	1,886	435,082		
Nov 2022	466,384	6.4%	21,199	0.00%	68	73.2%	25.2%	1.5%	1,668	592,459		
Oct 2022	193,224	-87.5%	9,201	0.01%	41	75.0%	22.9%	2.1%	1,103	413,014		
Sep 2022	429,809	-71.4%	19,537	0.02%	117	56.7%	39.3%	4.0%	2,020	411,530		

Most Active Products (Traded Contracts)		
FUT ON PHY ING	INNQ	248,336
AXA	AXAG	233,850
ING GROEP NV	INNI	63,000
FUT ON ING	INNH	55,000
Aegon	AENF	42,000
PHY AXA	AXAP	30,000
TRF ON Delivery Hero SE	TDHE	16,969
AGEAS	FO4I	8,170
AROUNDTOWN S.A.	AT1F	7,380
Allianz (100)	ALVG	7,140

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	9,785,702	0.6%	50,967	0.00%	807	86.7%	11.2%	2.1%	22,515	663,082		
2022	10,983,500	-7.7%	42,737	0.00%	1,269	76.1%	20.9%	2.9%	32,187	494,942		
2021	11,894,374	20.9%	46,462	0.00%	1,382	77.7%	18.1%	4.2%	35,825	839,400		
2020	9,836,978	-59.2%	38,576	0.03%	1,442	65.4%	31.6%	3.1%	26,487	785,829		
2019	24,085,309	49.0%	95,199	0.33%	5,506	80.8%	17.3%	1.9%	58,460	1,454,844		



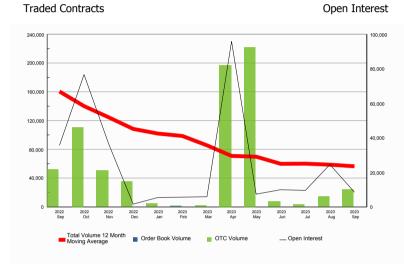
#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Media Components

Number of Products27Number of Series350Launched Products per Month0

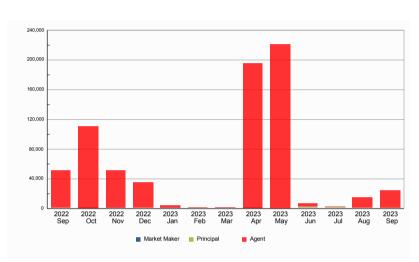
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↓

 $\downarrow$  < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

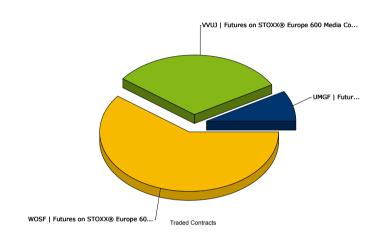


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	24,839	-52.4%	1,183	0.00%	7	98.3%	0.0%	1.7%	183	8,485		
Aug 2023	15,000	-52.3%	652	0.00%	1	100.0%	0.0%	0.0%	164	24,485		
Jul 2023	3,559	187.0%	169	0.00%	6	53.6%	21.1%	25.3%	20	9,485		
Jun 2023	7,839	-93.8%	356	0.00%	6	82.4%	9.6%	8.0%	35	9,926		
May 2023	222,000	-5.4%	10,091	0.00%	14	100.0%	0.0%	0.0%	415	7,347		
Apr 2023	196,348	-47.3%	10,908	0.00%	14	99.9%	0.1%	0.0%	220	95,887		
Mar 2023	1,950	-98.8%	85	0.00%	5	74.4%	25.6%	0.0%	13	5,893		
Feb 2023	1,705	-95.9%	85	3.58%	5	90.6%	0.0%	9.4%	9	5,583		
Jan 2023	5,007	-93.9%	228	0.00%	9	90.0%	10.0%	0.0%	14	5,400		
Dec 2022	35,701	-84.5%	1,700	0.00%	5	100.0%	0.0%	0.0%	33	1,576		
Nov 2022	51,465	-78.4%	2,339	0.00%	9	99.0%	1.0%	0.0%	107	36,515		
Oct 2022	111,040	-68.8%	5,288	0.00%	6	99.8%	0.2%	0.0%	219	76,670		
Sep 2022	52,140	-86.8%	2,370	0.00%	10	100.0%	0.0%	0.0%	381	35,630		

Year	Traded Contracts				No of Trades		ire		EUD		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	478,247	-56.6%	2,491	0.01%	67	99.0%	0.6%	0.4%	1,073	36,685		
2022	1,300,305	-59.4%	5,060	0.00%	119	91.2%	8.5%	0.3%	3,022	66,362		
2021	3,206,057	169.0%	12,524	0.00%	330	77.9%	21.7%	0.4%	9,159	196,438		
2020	1,191,813	-70.4%	4,674	0.01%	159	70.4%	25.9%	3.6%	2,598	140,045		
2019	4,024,602	-21.7%	15,908	0.44%	967	82.3%	16.7%	1.0%	10,491	230,755		



Most Active Products (Traded Contracts)													
Wolters Kluwer	WOSF	15,000											
Vivendi SA	VVUJ	7,773											
Universal Music Group	UMGF	2,066											
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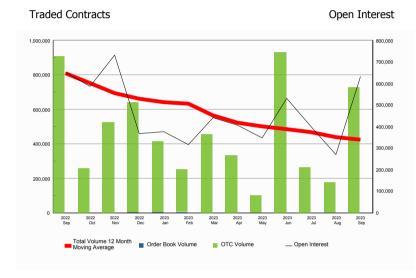


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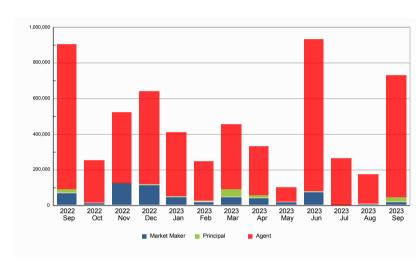
Number of Products28Number of Series378Launched Products per Month0

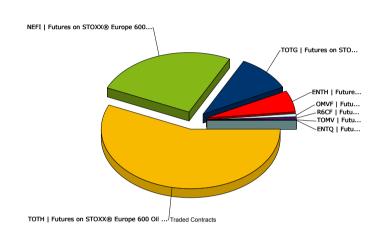
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#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	728,669	-19.6%	34,699	0.00%	81	93.7%	3.0%	3.3%	3,953	631,711		
Aug 2023	175,780	-66.1%	7,643	0.00%	13	96.6%	3.4%	0.0%	944	269,909		
Jul 2023	264,250	-44.4%	12,583	0.00%	12	98.7%	1.2%	0.1%	540	398,503		
Jun 2023	933,787	-17.2%	42,445	0.00%	80	91.6%	7.8%	0.7%	4,090	530,503		
May 2023	104,162	-71.0%	4,735	0.00%	9	81.8%	18.2%	0.0%	524	347,285		
Apr 2023	334,224	-60.3%	18,568	0.00%	32	83.3%	12.9%	3.8%	1,429	406,223		
Mar 2023	458,159	-64.0%	19,920	0.00%	62	80.6%	10.8%	8.6%	2,324	440,721		
Feb 2023	251,077	-29.6%	12,554	0.21%	24	89.8%	8.4%	1.8%	1,382	316,208		
Jan 2023	413,382	-36.7%	18,790	0.25%	42	86.9%	11.5%	1.7%	2,372	376,243		
Dec 2022	642,454	-37.7%	30,593	0.08%	82	81.6%	17.4%	1.0%	3,565	367,310		
Nov 2022	523,280	-57.1%	23,785	0.00%	37	75.5%	24.2%	0.2%	2,977	731,371		
Oct 2022	256,518	-72.9%	12,215	0.00%	28	94.0%	6.0%	0.0%	1,264	586,488		
Sep 2022	906,454	-37.3%	41,202	0.00%	71	90.2%	7.8%	2.0%	4,316	651,136		

Most Active Products (Traded Contracts)		
TOTALENERGIES SE	TOTH	412,951
NESTE OYJ	NEFI	188,098
TotalEnergies SE	TOTG	73,777
Eni SpA	ENTH	42,500
OMV	OMVF	5,000
Shell Plc	R6CF	4,851
TRF ON OMV	TOMV	892
Eni SpA	ENTQ	600

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mic		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	3,663,490	-43.7%	19,081	0.04%	355	89.7%	7.7%	2.6%	17,558	703,599		
2022	7,934,040	-35.9%	30,872	0.01%	637	82.8%	15.8%	1.4%	36,781	405,510		
2021	12,368,104	25.5%	48,313	0.01%	798	82.8%	14.7%	2.4%	45,851	1,029,897		
2020	9,852,329	-26.0%	38,637	0.02%	998	83.7%	13.6%	2.7%	30,905	696,566		
2019	13,312,824	50.1%	52,620	0.19%	3,142	90.6%	6.8%	2.6%	56,414	845,642		

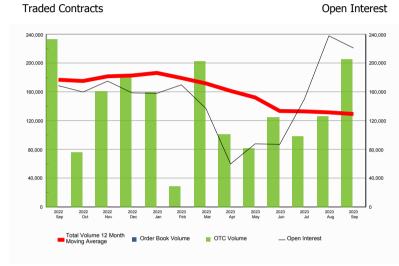


#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Personal & Household Goods Components

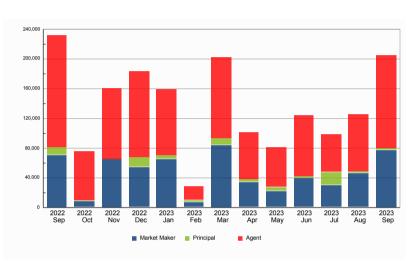
Number of Products 80
Number of Series 1,301
Launched Products per Month 0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↓ ✓ <-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**

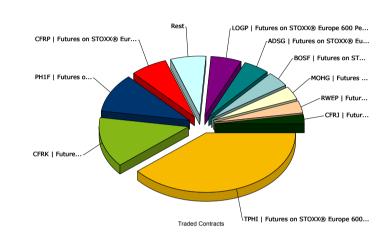


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	205,481	-11.7%	9,785	0.00%	89	60.8%	37.8%	1.5%	2,282	220,903		
Aug 2023	125,893	-11.8%	5,474	0.00%	31	61.2%	37.0%	1.8%	868	237,837		
Jul 2023	98,765	-6.3%	4,703	0.00%	36	51.9%	30.6%	17.5%	991	149,587		
Jun 2023	124,381	-64.4%	5,654	0.00%	101	66.2%	32.3%	1.6%	2,078	86,831		
May 2023	81,605	-57.4%	3,709	0.00%	55	66.3%	27.5%	6.2%	1,879	87,601		
Apr 2023	101,191	-55.1%	5,622	0.00%	35	62.6%	34.4%	3.0%	837	59,690		
Mar 2023	202,315	-31.0%	8,796	0.01%	83	53.6%	41.8%	4.6%	1,477	136,680		
Feb 2023	28,640	-74.8%	1,432	0.00%	23	67.2%	23.5%	9.3%	416	169,667		
Jan 2023	160,030	36.8%	7,274	0.00%	57	56.1%	40.9%	3.1%	724	157,856		
Dec 2022	183,749	8.2%	8,750	0.00%	82	63.4%	29.5%	7.1%	2,287	158,433		
Nov 2022	161,283	93.3%	7,331	0.00%	50	59.4%	40.3%	0.3%	1,008	174,847		
Oct 2022	75,545	-21.6%	3,597	0.00%	18	87.6%	11.6%	0.7%	1,321	159,646		
Sep 2022	232,763	82.4%	10,580	0.00%	94	64.8%	30.5%	4.7%	1,839	168,545		

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	1,128,301	-36.3%	5,877	0.00%	510	59.4%	36.2%	4.4%	11,551	324,766		
2022	2,191,928	64.5%	8,529	0.00%	802	68.4%	29.3%	2.3%	24,011	202,497		
2021	1,332,483	0.9%	5,205	0.00%	600	81.5%	13.5%	5.0%	25,740	155,153		
2020	1,320,914	-40.0%	5,180	0.03%	676	81.4%	16.2%	2.3%	21,919	97,814		
2019	2,201,454	-9.6%	8,701	0.03%	1,321	88.5%	8.7%	2.8%	55,791	60,665		



Most Active Products (Traded Contracts)		
TRF ON Philips	TPHI	80,000
CFR A SHARES	CFRK	27,900
Philips	PH1F	21,500
Compagnie	CFRP	14,000
Logitech [physical]	LOGP	11,600
Adidas	ADSG	9,565
Hugo Boss	BOSF	8,600
LVMH	MOHG	7,560
RWE AG	RWEP	6,940
Cie Financière Richemont	CFRJ	5,000

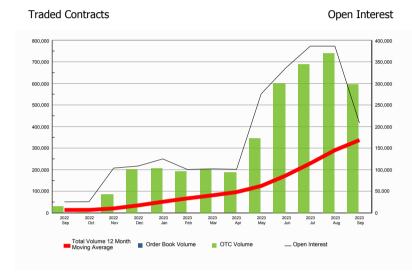


#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Real Estate Components

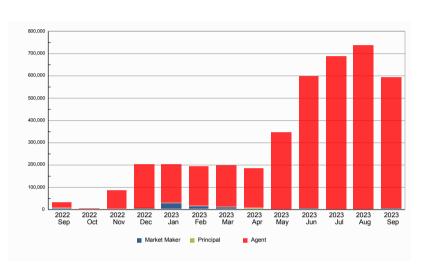
Number of Products41Number of Series770Launched Products per Month0

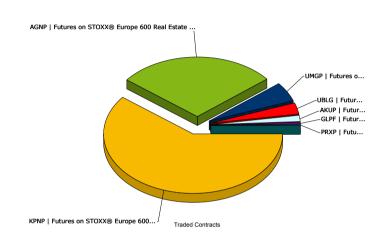
# Volume Development Trend MoM Change ← YTM/YTM prev. Year ↑ V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	594,040	>1000%	28,288	0.00%	15	99.0%	1.0%	0.0%	451	208,195		
Aug 2023	740,000	>1000%	32,174	0.00%	8	100.0%	0.0%	0.0%	423	386,395		
Jul 2023	688,555	>1000%	32,788	0.00%	12	100.0%	0.0%	0.0%	450	386,400		
Jun 2023	599,790	>1000%	27,263	0.00%	26	98.7%	1.3%	0.0%	461	335,845		
May 2023	346,900	>1000%	15,768	0.00%	9	100.0%	0.0%	0.0%	262	275,745		
Apr 2023	187,100	>1000%	10,394	0.00%	8	97.9%	1.6%	0.5%	230	100,845		
Mar 2023	199,690	475.5%	8,682	0.00%	19	95.3%	4.4%	0.4%	242	101,945		
Feb 2023	194,500	>1000%	9,725	0.00%	6	91.3%	8.7%	0.0%	188	100,500		
Jan 2023	204,695	>1000%	9,304	0.00%	11	86.0%	13.3%	0.7%	265	125,000		
Dec 2022	201,680	533.2%	9,604	0.00%	20	96.6%	3.1%	0.3%	238	108,478		
Nov 2022	85,000	>1000%	3,864	0.00%	2	100.0%	0.0%	0.0%	57	103,718		
Oct 2022	4,578	83.1%	218	0.00%	2	100.0%	0.0%	0.0%	50	25,868		
Sep 2022	32,130	61.9%	1,460	0.00%	20	79.5%	20.5%	0.0%	151	25,390		

Most Active Products (Traded Contracts)		
Koninklijke KPN N.V.	KPNP	360,000
Aegon N.V.	AGNP	169,000
Universal Music Group N.V.	UMGP	32,000
Unibail-RODAMCO- Westfield	UBLG	18,890
Akzo Nobel N.V.	AKUP	10,000
Galapagos NV	GLPF	3,000
Prosus N.V.	PRXP	1,150

Year	Traded Contracts				No of Trades	Market Sha	re				Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	3,755,270	>1000%	19,559	0.00%	114	98.0%	1.9%	0.1%	2,972	398,645		
2022	413,213	103.0%	1,608	0.00%	113	88.8%	10.7%	0.5%	1,002	112,728		
2021	203,550	-69.5%	795	0.00%	125	47.0%	47.8%	5.1%	1,004	22,700		
2020	667,445	8.8%	2,617	0.83%	553	72.6%	26.4%	1.0%	3,763	57,860		
2019	613,664	95.7%	2,426	2.21%	1,027	73.7%	22.0%	4.4%	5,743	36,705		

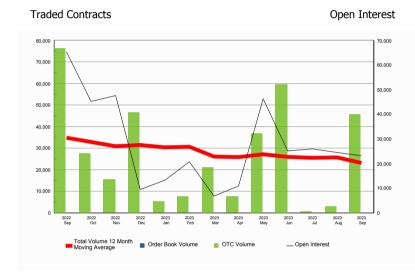


#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Retail Components

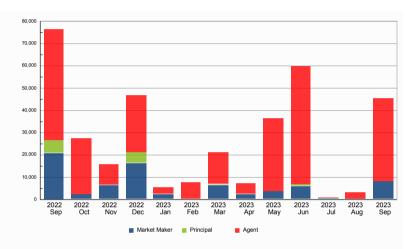
Number of Products 386 Number of Series Launched Products per Month

#### **Volume Development Trend** MoM Change 1 YTM/YTM prev. Year $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

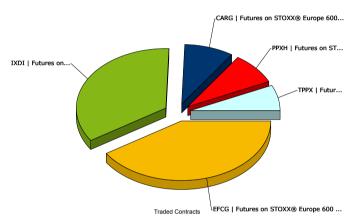
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



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Colruyt (100)	EFCG	18,650
INDITEX	IXDI	15,800
Carrefour	CARG	4,150
KERING	PPXH	3,910
TRF ON KERING	TPPX	3,148
Raiffeisen Bank International- AG	RAWH	C

Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	45,658	-40.2%	2,174	0.00%	19	82.2%	17.8%	0.0%	471	23,174		
Aug 2023	3,147	257.6%	137	0.00%	4	92.1%	7.9%	0.0%	87	24,492		
Jul 2023	823	-85.8%	39	0.00%	2	44.7%	55.3%	0.0%	47	25,939		
Jun 2023	59,789	-19.6%	2,718	0.00%	22	88.7%	10.0%	1.3%	468	25,116		
May 2023	36,676	75.0%	1,667	0.00%	5	89.6%	10.4%	0.0%	224	46,273		
Apr 2023	7,500	-28.2%	417	0.00%	5	68.7%	31.3%	0.0%	170	10,897		
Mar 2023	21,144	-72.1%	919	0.00%	16	67.8%	31.3%	0.9%	80	6,797		
Feb 2023	7,593	76.6%	380	0.00%	8	100.0%	0.0%	0.0%	41	20,710		
Jan 2023	5,419	-70.9%	246	0.00%	7	55.2%	44.8%	0.0%	93	13,210		
Dec 2022	46,740	17.5%	2,226	0.00%	26	54.9%	34.4%	10.7%	437	9,471		
Nov 2022	15,685	-60.3%	713	0.00%	11	58.0%	42.0%	0.0%	52	47,564		
Oct 2022	27,501	-45.9%	1,310	0.00%	9	91.4%	8.6%	0.0%	308	45,199		
Sep 2022	76,368	-8.0%	3,471	0.00%	22	65.2%	27.5%	7.3%	457	65,298		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	187,749	-34.7%	978	0.00%	88	83.5%	16.0%	0.5%	1,682	48,084		
2022	377,373	-66.5%	1,468	0.00%	170	58.7%	36.3%	5.0%	3,531	29,971		
2021	1,127,734	55.0%	4,405	0.00%	231	84.9%	13.5%	1.6%	7,507	69,349		
2020	727,621	-86.0%	2,853	0.00%	240	84.7%	13.4%	1.8%	4,782	84,543		
2019	5,181,219	64.7%	20,479	0.03%	675	96.8%	2.5%	0.7%	21,626	85,361		



#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Technology Components

0

Number of Products 584 Number of Series Launched Products per Month

#### **Volume Development Trend** MoM Change 1 YTM/YTM prev. Year $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

Total

186,620

16,471

343,326

257,772

274,073

399,486

274,305

83,835

274,514

434,186

65,447

31,985

257,843

Sep 2023

Aug 2023

Jul 2023

Jun 2023

May 2023

Apr 2023

Mar 2023

Feb 2023

Jan 2023

Dec 2022

Nov 2022

Oct 2022

Sep 2022

YoY Change

-27.6%

-96.4%

-50.3%

-61.2%

-18.4%

28.1%

-51.3%

-79.1%

63.5%

23.4%

-83.6%

-23.3%

-49.0%

8,887

16,349

11,717

12,458

22,194

11,926

4,192

12,478

20,676

2,975

1,523

11,720

716

0.00%

0.00%

0.01%

0.00%

0.02%

0.00%

0.00%

0.01%

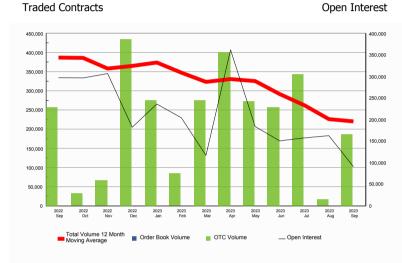
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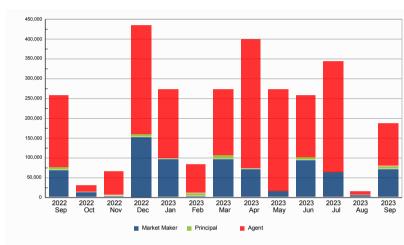
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#### **Traded Contracts by Account Type**



		2022 2022 Sep Oct		123 2023 2023 20 Ian Feb Mar A	23 2023 2023 pr May Jun	2023 2023 2023 Jul Aug Sep	
			■ Market Ma	aker Principal A	gent		
ades	Market Sha	are		Capital Volume in Mic		Market Share	
	Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
74	57.3%	38.9%	3.8%	1,262	90,674	1	
19	58.3%	41.3%	0.4%	289	162,628	3	
33	81.0%	18.9%	0.1%	1,038	157,439	9	
82	60.1%	36.5%	3.4%	2,323	150,613	3	
47	94.0%	5.9%	0.1%	1,655	183,812	2	
39	81.7%	17.6%	0.7%	1,061	361,543	3	
82	60.8%	35.0%	4.3%	2,143	116,97°	1	
25	87.8%	5.3%	6.9%	544	204,010	)	
29	63.8%	35.7%	0.5%	528	235,97	7	
81	63.2%	35.3%	1.5%	2,369	182,240	)	
22	89.7%	7.1%	3.2%	630	306,614	1	

532

2,555

296,464

297,121

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average O	order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	2,110,402	-45.1%	10,992	0.00%	430	73.4%	24.8%	1.8%	10,843	168,424		
2022	4,378,786	4.7%	17,038	0.01%	750	67.1%	30.6%	2.3%	19,301	232,471		
2021	4,183,107	89.8%	16,340	0.05%	746	75.2%	18.4%	6.4%	16,500	545,193		
2020	2,203,785	-80.8%	8,642	0.20%	851	65.0%	27.0%	8.0%	16,681	169,224		
2019	11,449,934	202.7%	45,257	0.03%	1,213	95.2%	2.4%	2.4%	26,286	317,548		

56.1%

69.9%

42.6%

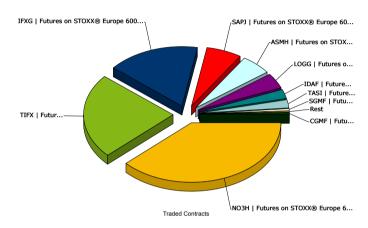
26.5%

1.3%

3.6%

31

96



Most Active Products (Traded Contracts)		
NOKIA CORP. Oyj	NO3H	71,000
TRF ON Infinion	TIFX	43,134
Infinion	IFXG	30,824
SAP SE	SAPJ	12,312
ASML Holding N.V.	ASMH	9,972
Logitech International	LOGG	7,850
Indra Sistemas	IDAF	5,000
TRF ON ASM International N.V.	TASI	3,840
STMicroelectronics	SGMF	1,050
Capgemini SA	CGMF	783

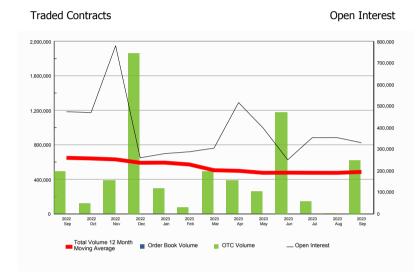


#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Telecommunications Components

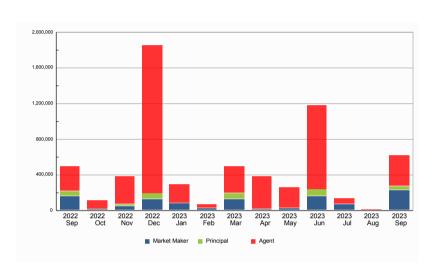
Number of Products32Number of Series469Launched Products per Month0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↓ ✓ <-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**

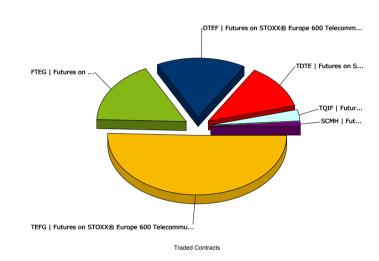


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	620,149	24.8%	29,531	0.00%	39	55.7%	37.1%	7.3%	660	329,578		
Aug 2023	100	-98.7%	4	0.00%	1	50.0%	0.0%	50.0%	<1	353,541		
Jul 2023	142,933	-11.2%	6,806	0.00%	6	50.0%	50.0%	0.0%	172	353,441		
Jun 2023	1,178,131	2.0%	53,551	0.00%	60	79.4%	13.7%	6.9%	975	250,508		
May 2023	264,035	-51.0%	12,002	0.00%	16	90.5%	9.5%	0.0%	237	397,826		
Apr 2023	384,735	-18.1%	21,374	0.01%	28	97.3%	2.7%	0.0%	601	515,861		
Mar 2023	496,133	-61.7%	21,571	0.01%	44	61.2%	24.6%	14.2%	754	304,514		
Feb 2023	74,376	-77.4%	3,719	0.00%	13	62.5%	37.5%	0.0%	102	287,700		
Jan 2023	298,009	5.6%	13,546	0.00%	27	73.9%	26.1%	0.0%	298	279,373		
Dec 2022	1,858,341	-20.1%	88,492	0.00%	84	89.6%	7.1%	3.3%	1,700	259,786		
Nov 2022	389,060	-25.3%	17,685	0.00%	25	82.5%	13.9%	3.6%	347	779,506		
Oct 2022	119,332	-41.5%	5,682	0.00%	6	85.3%	8.4%	6.3%	110	469,346		
Sep 2022	497.109	-44.2%	22.596	0.00%	45	56.4%	32.0%	11.6%	568	473,346		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	3,458,601	-27.0%	18,014	0.00%	234	73.3%	21.0%	5.7%	3,798	495,578		
2022	7,103,841	-7.9%	27,641	0.00%	419	77.3%	19.1%	3.6%	8,394	281,336		
2021	7,712,252	29.3%	30,126	0.01%	569	73.9%	19.5%	6.6%	9,073	1,009,441		
2020	5,965,825	-72.5%	23,395	0.03%	535	71.5%	19.6%	8.9%	5,991	485,069		
2019	21,676,942	12.6%	85,680	0.12%	1,523	90.8%	6.2%	3.1%	22,589	604,442		



TEFG	313,932
FTEG	105,500
DTEF	99,500
TDTE	74,877
TQIF	19,682
SCMH	6,658
	FTEG DTEF TDTE TQIF

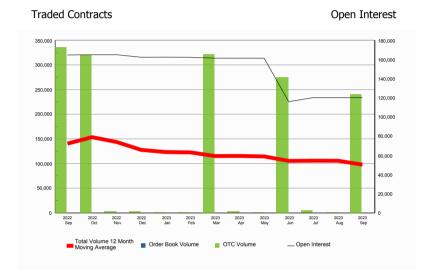


#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Travel & Leisure Components

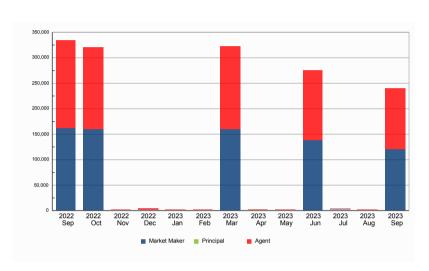
Number of Products19Number of Series253Launched Products per Month0

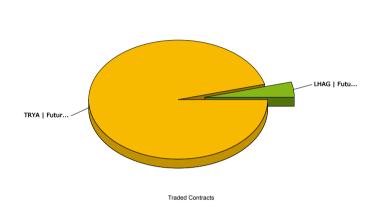
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↓ $\checkmark < -25\%$ ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Most Active Products (Traded Contracts)		
TRF ON Ryanair	TRYA	230,000
Lufthansa	LHAG	10,000

Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	240,000	-28.4%	11,429	0.00%	4	50.0%	50.0%	0.0%	383	120,196		
Aug 2023	76	-90.1%	3	0.00%	2	100.0%	0.0%	0.0%	3	120,196		
Jul 2023	5,240	773.3%	250	0.00%	3	52.3%	47.7%	0.0%	7	120,175		
Jun 2023	275,330	-28.3%	12,515	0.00%	3	50.1%	49.9%	0.0%	459	115,965		
May 2023	55	-99.5%	3	0.00%	1	100.0%	0.0%	0.0%	1	161,295		
Apr 2023	2,105	-21.7%	117	0.00%	2	51.3%	0.0%	48.7%	3	161,295		
Mar 2023	322,031	-98.7%	14,001	0.00%	6	50.2%	49.8%	0.0%	486	161,329		
Feb 2023	100	-99.8%	5	0.00%	1	100.0%	0.0%	0.0%	<1	162,272		
Jan 2023	89	-98.0%	4	0.00%	1	100.0%	0.0%	0.0%	2	162,372		
Dec 2022	3,836	-97.1%	183	0.00%	7	78.0%	22.0%	0.0%	18	162,283		
Nov 2022	3,530	95.3%	160	0.00%	2	100.0%	0.0%	0.0%	16	164,928		
Oct 2022	320,320	245.4%	15,253	0.00%	4	50.0%	50.0%	0.0%	372	164,928		
Sep 2022	335.200	245.4%	15.236	0.00%	8	51.8%	48.2%	0.0%	425	164.608		

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	845,026	-29.8%	4,401	0.00%	23	50.1%	49.8%	0.1%	1,345	121,829		
2022	1,531,618	106.8%	5,960	0.00%	81	52.9%	46.8%	0.3%	1,912	224,033		
2021	740,647	64.3%	2,893	0.00%	164	42.1%	45.4%	12.5%	974	245,906		
2020	450,866	-47.7%	1,768	0.51%	346	74.4%	22.6%	3.0%	867	31,331		
2019	862,309	-6.5%	3,408	0.06%	276	77.3%	15.7%	7.0%	3,110	46,851		



#### Equity Derivatives :: Single Stock Futures :: Futures on STOXX® Europe 600 Utilities Components

0

Number of Products 599 Number of Series Launched Products per Month

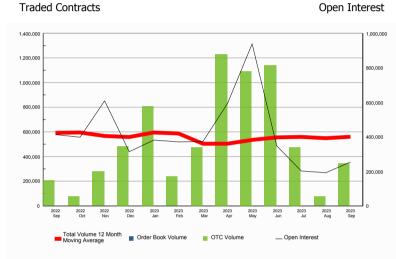
#### **Volume Development Trend** MoM Change 1 YTM/YTM prev. Year → $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

Sep 2022

207,695

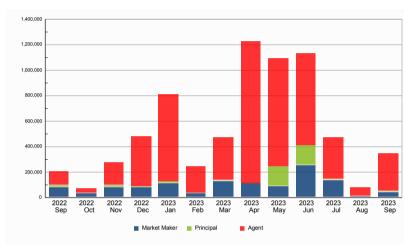
-59.5%



9,441

0.00%

#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	347,550	67.3%	16,550	0.00%	53	85.5%	11.4%	3.1%	644	253,888		
Aug 2023	77,388	-61.9%	3,365	0.00%	12	88.2%	11.8%	0.0%	173	191,980		
Jul 2023	476,316	11.0%	22,682	0.00%	35	69.1%	28.2%	2.6%	898	201,792		
Jun 2023	1,137,302	27.2%	51,696	0.00%	48	64.1%	22.3%	13.7%	1,534	347,696		
May 2023	1,093,429	50.8%	49,701	0.00%	39	77.6%	8.0%	14.3%	1,477	938,822		
Apr 2023	1,229,396	0.6%	68,300	0.00%	73	90.7%	9.0%	0.3%	1,924	594,003		
Mar 2023	477,083	-67.7%	20,743	0.00%	40	71.9%	26.6%	1.5%	891	373,041		
Feb 2023	242,661	-27.8%	12,133	0.00%	23	84.6%	14.6%	0.8%	386	370,581		
Jan 2023	809,153	118.4%	36,780	0.00%	64	84.1%	13.5%	2.4%	1,326	381,134		
Dec 2022	482,102	-16.9%	22,957	0.00%	42	81.9%	16.5%	1.6%	789	313,706		
Nov 2022	278,018	-55.2%	12,637	0.00%	36	65.8%	29.5%	4.7%	411	608,623		
Oct 2022	74,575	70.3%	3,551	0.03%	9	53.7%	46.3%	0.0%	262	397,660		

54.5%

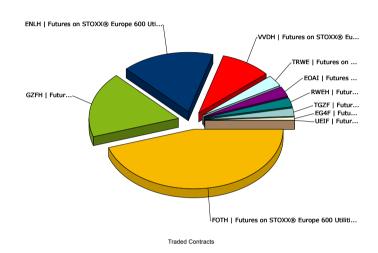
40.5%

5.0%

480

412,647

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	5,890,278	0.4%	30,679	0.00%	387	78.4%	15.4%	6.2%	9,252	641,095		
2022	6,701,156	-15.7%	26,075	0.00%	558	77.6%	21.1%	1.3%	11,938	351,156		
2021	7,944,595	61.8%	31,034	0.02%	783	76.4%	20.7%	2.9%	15,057	1,084,407		
2020	4,909,709	-50.8%	19,254	0.09%	874	62.5%	29.6%	7.9%	10,433	548,487		
2019	9,972,292	-23.7%	39,416	0.30%	2,609	79.9%	16.5%	3.6%	19,226	499,201		



Most Active Products (Traded Contracts)		
Fortum Oyj	FOTH	155,960
GDF Suez	GZFH	62,500
Enel SpA	ENLH	58,000
Veolia Environnement	VVDH	31,060
TRF ON RWE	TRWE	11,492
E.ON SE	EOAI	9,000
RWE	RWEH	8,809
TRF ON GDF Suez	TGZF	8,000
Enagas	EG4F	2,562
Terna	UEIF	167



AMGF | Futures on S&P 500 Componen...

#### Equity Derivatives :: Single Stock Futures :: Futures on S&P 500 Components

Number of Products110Number of Series1,630Launched Products per Month0

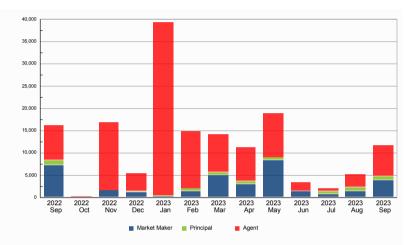
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↑ $\checkmark < -25\% \leftarrow >=-25\% \text{ and } < 0\% \rightarrow >=0\% \text{ and } <=25\%↑ > 25\%$

**Traded Contracts by Product** 

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



												ZALF   Futures on S&P 500 C
2022 Oct	2022 Nov	2022 Dec	2023 Jan	2023 Feb	2023 Mar	2023 Apr	2023 May	2023 Jun	2023 Jul	2023 Aug	2023 Sep	Traded Contracts
		■ Mark	et Maker	Princi	ipal	■ Agent	•			ŭ	·	

Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share		ı
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts	ľ
Sep 2023	11,736	-28.1%	559	0.00%	12	59.7%	32.6%	7.7%	86	7,439			
Aug 2023	5,215	32.0%	227	0.00%	4	56.9%	28.8%	14.4%	23	5,225			
Jul 2023	2,150	-73.0%	102	0.00%	2	30.2%	34.9%	34.9%	19	9,840			
Jun 2023	3,510	-81.9%	160	0.00%	4	57.3%	42.7%	0.0%	14	7,690			
May 2023	18,880	134.2%	858	0.00%	10	52.1%	44.3%	3.6%	138	7,190			
Apr 2023	11,220	-1.3%	623	0.00%	9	67.0%	27.6%	5.3%	59	18,440			
Mar 2023	14,240	-18.8%	619	0.00%	13	60.6%	35.2%	4.2%	68	11,270			
Feb 2023	14,960	424.0%	748	0.00%	4	86.0%	9.0%	5.0%	60	4,830			
Jan 2023	39,278	>1000%	1,785	0.03%	12	98.4%	0.8%	0.8%	171	16,890			
Dec 2022	5,511	319.7%	262	0.00%	6	72.3%	20.9%	6.8%	32	16,886			
Nov 2022	16,880	71.2%	767	0.00%	13	90.2%	9.8%	0.0%	170	16,845			
Oct 2022	20	>1000%	1	0.00%	1	100.0%	0.0%	0.0%	<1	7,074			
Sep 2022	16,315	1462.7%	742	0.00%	13	48.3%	44.0%	7.6%	73	7,094			

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	121,189	35.8%	631	0.01%	70	74.4%	21.2%	4.4%	638	9,239		
2022	111,659	-35.4%	434	0.01%	107	59.9%	38.4%	1.7%	818	17,533		
2021	172,719	78.9%	675	0.02%	92	82.7%	5.5%	11.8%	1,775	23,235		
2020	96,532	118.2%	379	0.09%	168	87.3%	5.3%	7.4%	1,378	33,128		
2019	44,245	-49.6%	175	0.09%	169	65.5%	22.9%	11.6%	567	6,944		

Most Active Products (Traded Contracts)		
Zalando SE Inhaber-Aktien o.N.	ZALF	8,150
Amgen	AMGF	2,586
NN Group N.V.	NNGF	1,000



Equity Derivatives :: Single Stock Futures :: Futures on Russian Stocks



# Traded Contracts & Open Interest Traded Contracts by Account Type Traded Contracts by Product Traded Contracts by Account Type Traded Contracts by Product No contract volume for reporting period Traded Contracts by Product No contract volume for reporting period No contract volume for reporting period

-100.0%

Year	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average Or	der Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
		-100.0%										
2022	42,900	-100.0%	167	0.00%	1	100.0%	0.0%	0.0%	30	42,900		
2021	0	>1000%			0				<1	0		
2020	127,727	-93.8%	501	0.00%	20	99.0%	0.0%	1.0%	146	24,800		
2019	923	0.0%	4	0.00%	2	0.0%	21.7%	78.3%	4	523		



#### Equity Derivatives :: Single Stock Futures :: Futures on Other Stocks

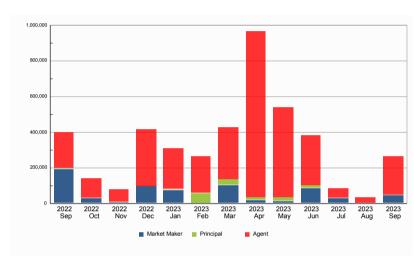
Number of Products249Number of Series3,570Launched Products per Month0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**

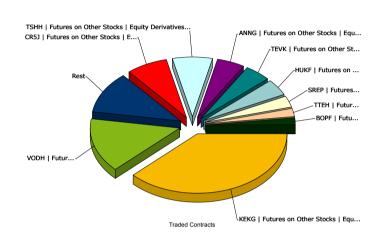


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	266,641	-33.7%	12,697	0.00%	79	83.0%	16.9%	0.2%	683	110,147		
Aug 2023	33,896	-35.0%	1,474	0.01%	23	88.7%	11.3%	0.0%	264	173,707		
Jul 2023	86,739	18.3%	4,130	0.00%	16	68.2%	31.8%	0.0%	305	166,317		
Jun 2023	381,581	-19.8%	17,345	0.00%	70	73.3%	22.4%	4.2%	795	200,514		
May 2023	543,472	8.1%	24,703	0.00%	33	93.3%	2.8%	3.9%	1,161	258,310		
Apr 2023	965,997	-29.9%	53,667	0.00%	56	96.3%	2.1%	1.7%	1,643	714,662		
Mar 2023	428,063	-55.0%	18,611	0.00%	66	68.1%	24.5%	7.4%	775	282,105		
Feb 2023	267,458	155.7%	13,373	0.00%	39	78.5%	0.7%	20.7%	568	449,753		
Jan 2023	311,261	6.6%	14,148	0.01%	56	74.4%	24.3%	1.3%	529	321,651		
Dec 2022	418,315	-12.8%	19,920	0.02%	86	76.7%	23.1%	0.1%	551	194,884		
Nov 2022	82,170	-75.4%	3,735	0.08%	31	93.8%	6.2%	0.0%	161	281,319		
Oct 2022	140,122	-16.6%	6,672	0.02%	27	78.0%	22.0%	0.0%	135	266,959		
Sep 2022	402,442	-3.7%	18,293	0.01%	58	51.0%	48.3%	0.7%	370	285,183		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average O	rder Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	3,285,108	-22.4%	17,110	0.00%	438	84.0%	11.5%	4.4%	6,722	316,813		
2022	4,873,318	20.8%	18,962	0.01%	669	70.2%	26.9%	2.9%	5,889	244,982		
2021	4,033,366	-8.6%	15,755	0.01%	628	68.1%	22.7%	9.2%	5,709	814,723		
2020	4,413,404	-42.3%	17,307	0.01%	618	67.5%	20.9%	11.6%	4,314	595,932		
2019	7,650,259	-20.8%	30,238	0.06%	1,234	82.7%	13.2%	4.1%	10,059	1,233,863		



Most Active Products (Traded Contracts)		
Kesko (100)	KEKG	101,000
Vodafone Goup PLC	VODH	39,000
UniCredit	CR5J	20,000
TRF ON Siemens Healthineers AG	TSHH	19,060
VONOVIA SE	ANNG	13,262
TRF ON Evonik Industries AG	TEVK	13,190
Huhtamaki	HUKF	11,756
Swiss Re	SREP	8,000
TIETO CORPORATION	TTEH	6,000
Bollore S.A.	BOPF	5,096



#### Equity Derivatives :: Equity Options

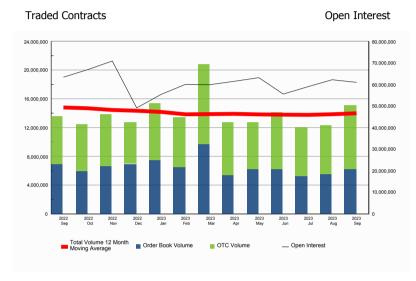
638 Number of Products 369,416 Number of Series Launched Products per Month 30

#### **Volume Development Trend**

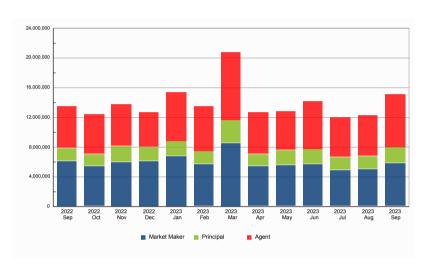
YoY Change → YTM/YTM prev. Year ←

 $\checkmark$  < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

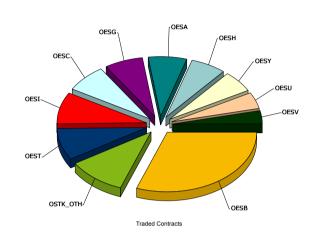
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



#### **Traded Contracts by Product Class**



Month	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	15,173,698	11.7%	722,557	40.80%	181,251	47.1%	38.8%	14.1%	63,185	60,959,360	45.30%	54.70%
Aug 2023	12,258,032	9.3%	532,958	44.99%	188,376	44.5%	41.5%	14.0%	51,823	62,165,530	43.44%	56.56%
Jul 2023	12,041,360	-2.5%	573,398	43.94%	179,308	45.3%	41.0%	13.7%	51,147	58,911,179	44.45%	55.55%
Jun 2023	14,137,472	-3.1%	642,612	43.39%	194,764	45.2%	40.8%	14.0%	60,342	55,523,068	40.72%	59.28%
May 2023	12,783,980	-6.8%	581,090	48.29%	189,096	41.0%	43.2%	15.9%	58,203	63,126,686	38.52%	61.48%
Apr 2023	12,770,174	3.5%	709,454	42.51%	167,890	44.7%	42.4%	12.9%	53,329	61,454,778	45.51%	54.49%
Mar 2023	20,767,349	1.8%	902,928	46.58%	276,121	43.8%	40.8%	15.4%	79,052	59,876,189	40.18%	59.82%
Feb 2023	13,470,225	-22.8%	673,511	47.99%	212,919	44.2%	42.8%	13.0%	61,479	60,032,832	41.41%	58.59%
Jan 2023	15,435,200	-11.4%	701,600	48.56%	281,825	42.9%	44.0%	13.1%	75,803	55,374,629	44.49%	55.51%
Dec 2022	12,767,663	-9.1%	607,984	53.79%	214,007	37.8%	47.5%	14.6%	56,545	49,117,875	44.20%	55.80%
Nov 2022	13,794,318	-17.1%	627,014	48.10%	220,606	41.1%	43.3%	15.6%	62,131	70,848,223	49.68%	50.32%
Oct 2022	12,419,313	-9.8%	591,396	47.61%	213,985	43.1%	43.9%	13.0%	46,005	66,872,570	41.93%	58.07%
Sep 2022	13,581,725	-27.6%	617,351	51.21%	223,249	42.5%	44.8%	12.7%	56,558	63,348,712	40.70%	59.30%

DBK	1,100,124
UBSN	1,014,635
DTE	630,229
XCA	409,554
SGE	369,367
AMS	341,534
ANN	320,245
BAY	310,474
CBK	301,472
1COV	298,930
	UBSN DTE XCA SGE AMS ANN BAY CBK

Year	Traded Contracts				No of Trades	Market Share	:		Capital Volume in Mio EUR		Market Share	
	Total	YoY Change	Daily Average O	rder Book Share		Agent I	Market Maker	Principal		Contracts	Calls	Puts
2023	128,837,490	-3.2%	671,029	45.30%	1,871,550	44.3%	41.6%	14.1%	554,364	61,190,560	42.56%	57.44%
2022	172,046,324	-14.6%	669,441	47.37%	2,675,542	44.0%	43.1%	12.9%	736,433	49,525,825	43.24%	56.76%
2021	201,529,915	6.6%	787,226	39.78%	2,563,130	48.7%	37.7%	13.6%	820,438	52,868,145	51.26%	48.74%
2020	189,106,929	1.9%	741,596	43.56%	2,910,231	39.7%	44.1%	16.2%	761,514	49,892,918	48.85%	51.15%
2019	185,670,864	-1.7%	733,877	45.52%	3,001,813	35.7%	49.0%	15.2%	795,318	50,959,151	43.78%	56.22%

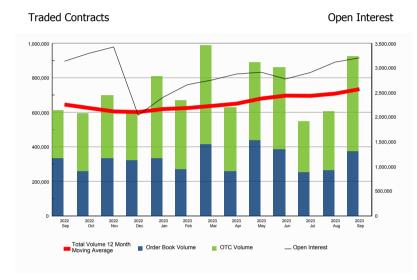


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Automobiles & Parts Components

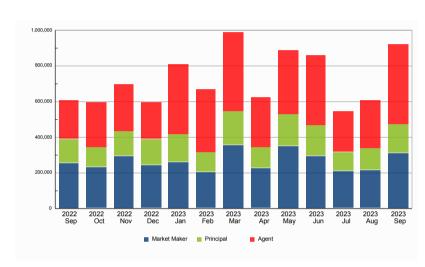
Number of Products 20
Number of Series 12,644
Launched Products per Month 0

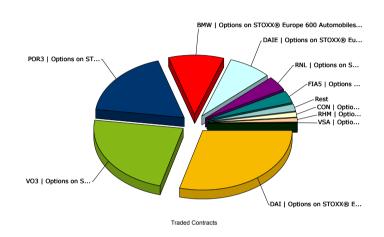
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↑ $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Share	Э		Capital Volume in Mio	Open Interest in	Market Shar	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	922,588	51.4%	43,933	40.78%	15,422	48.8%	33.9%	17.3%	7,259	3,205,411	41.51%	58.49%
Aug 2023	605,536	33.2%	26,328	43.84%	15,854	44.4%	35.9%	19.6%	4,919	3,116,347	34.47%	65.53%
Jul 2023	546,444	-3.2%	26,021	46.23%	13,593	42.3%	38.6%	19.0%	4,686	2,906,839	39.39%	60.61%
Jun 2023	859,051	31.9%	39,048	45.02%	17,619	45.5%	34.3%	20.2%	7,285	2,776,012	46.93%	53.07%
May 2023	890,404	66.2%	40,473	49.32%	18,857	40.6%	39.2%	20.2%	7,478	2,913,082	40.29%	59.71%
Apr 2023	627,487	32.5%	34,860	40.96%	13,816	44.9%	36.1%	19.0%	4,886	2,877,044	42.82%	57.18%
Mar 2023	989,986	17.6%	43,043	41.86%	22,555	45.0%	35.6%	19.4%	8,630	2,754,439	46.00%	54.00%
Feb 2023	668,381	12.5%	33,419	40.01%	16,061	53.1%	30.3%	16.6%	5,551	2,660,014	45.02%	54.98%
Jan 2023	807,723	34.1%	36,715	41.35%	19,293	48.6%	32.2%	19.2%	6,484	2,401,348	45.08%	54.92%
Dec 2022	597,056	-6.4%	28,431	53.87%	17,975	35.1%	40.8%	24.1%	4,807	2,041,716	39.83%	60.17%
Nov 2022	696,888	-25.4%	31,677	47.49%	17,676	37.5%	42.4%	20.1%	5,476	3,424,827	49.75%	50.25%
Oct 2022	597,233	-28.9%	28,440	43.07%	18,691	42.1%	39.0%	18.9%	4,099	3,297,456	42.03%	57.97%
Sep 2022	609,289	-40.4%	27,695	54.83%	22,040	36.1%	41.9%	22.1%	4,912	3,135,442	38.98%	61.02%

Most Active Products (Traded Contracts)		
MERCEDES-BENZ GROUP AG	DAI	268,241
VOLKSWAGEN VZ	VO3	214,747
Porsche Automobil Holding	POR3	164,404
BMW	BMW	93,226
MERCEDES-BENZ GROUP AG	DAIE	72,859
Renault	RNL	34,177
Stellantis N.V.	FIA5	31,518
Continental AG	CON	12,493
Rheinmetall	RHM	9,774
VALEO SE	VSA	3,446

Year	Traded Contracts					Market Shar	·e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	6,917,600	29.8%	36,029	43.27%	153,070	45.9%	35.1%	19.0%	57,179	3,205,801	42.76%	57.24%
2022	7,218,578	-34.6%	28,088	49.79%	228,291	40.0%	39.8%	20.2%	62,875	2,043,485	42.34%	57.66%
2021	11,040,137	6.7%	43,126	36.95%	259,364	49.2%	28.4%	22.5%	103,484	2,938,913	58.17%	41.83%
2020	10,348,379	-20.6%	40,582	49.69%	296,148	37.4%	40.7%	22.0%	62,548	3,082,626	54.06%	45.94%
2019	13,032,686	-5.2%	51,513	44.57%	343,000	38.0%	45.9%	16.1%	90,541	3,882,050	51.33%	48.67%

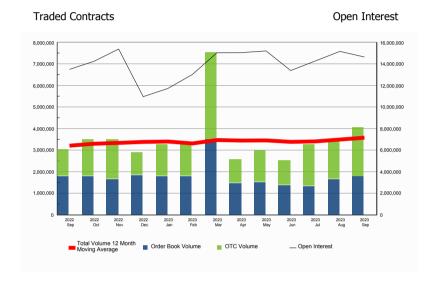


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Banks Components

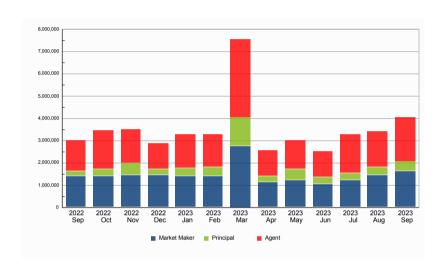
Number of Products39Number of Series25,095Launched Products per Month0

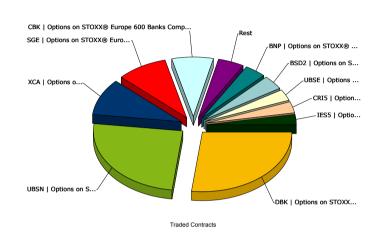
# Volume Development Trend MoM Change → YTM/YTM prev. Year → ✓ <-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades			Capital Volume in Mio	Open Interest in Market Sh		e	
	Total	YoY Change	Daily Average	Orderbook Share		Agent N	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	4,070,219	33.8%	193,820	43.64%	19,907	49.4%	39.7%	11.0%	7,250	14,634,939	56.02%	43.98%
Aug 2023	3,420,395	43.1%	148,713	48.29%	25,449	47.7%	42.1%	10.3%	6,098	15,154,656	57.84%	42.16%
Jul 2023	3,286,678	8.7%	156,508	39.86%	22,907	53.1%	37.8%	9.2%	5,600	14,265,150	53.47%	46.53%
Jun 2023	2,538,815	-24.2%	115,401	53.57%	20,751	46.9%	41.7%	11.4%	3,760	13,380,330	45.79%	54.21%
May 2023	3,015,062	2.8%	137,048	49.78%	21,680	43.6%	41.1%	15.3%	4,170	15,194,793	33.14%	66.86%
Apr 2023	2,558,924	-10.1%	142,162	56.67%	16,808	45.6%	43.7%	10.7%	3,602	15,043,211	44.28%	55.72%
Mar 2023	7,538,893	33.6%	327,778	46.22%	49,794	46.4%	36.5%	17.1%	9,621	15,030,425	39.70%	60.30%
Feb 2023	3,304,835	-24.5%	165,242	53.96%	21,334	45.8%	42.5%	11.7%	4,589	13,016,130	40.17%	59.83%
Jan 2023	3,291,443	6.8%	149,611	54.80%	21,771	46.4%	42.5%	11.1%	4,521	11,714,788	48.36%	51.64%
Dec 2022	2,898,945	23.5%	138,045	63.93%	25,645	40.4%	49.5%	10.1%	3,160	10,957,243	44.21%	55.79%
Nov 2022	3,505,675	15.5%	159,349	46.60%	23,786	43.0%	41.4%	15.6%	4,341	15,373,315	54.15%	45.85%
Oct 2022	3,480,931	44.8%	165,759	51.56%	30,487	51.1%	40.5%	8.3%	3,134	14,239,357	41.44%	58.56%
Sep 2022	3,041,928	-11.1%	138,269	59.23%	26,284	45.9%	45.6%	8.5%	3,802	13,486,355	47.03%	52.97%

Most Active Products (Traded Contracts)		
Deutsche Bank	DBK	1,100,124
UBS	UBSN	1,014,635
Crédit Agricole	XCA	409,554
Société Générale	SGE	369,367
Commerzbank	CBK	301,472
BNP Paribas	BNP	157,439
Banco Santander Central Hispano	BSD2	153,325
UBS AG	UBSE	128,084
UniCredit (ITA exec. type)	CRI5	121,417
Banca Intesa (ITA exec. type)	IES5	114,110

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	33,025,264	7.6%	172,007	48.81%	220,401	47.2%	40.2%	12.6%	49,211	14,638,188	46.09%	53.91%
2022	40,568,859	-4.8%	157,855	50.21%	289,627	47.5%	41.7%	10.8%	49,269	10,962,312	43.88%	56.12%
2021	42,616,564	6.0%	166,471	40.46%	260,469	53.5%	33.2%	13.3%	53,555	9,201,778	55.42%	44.58%
2020	40,192,859	12.5%	157,619	45.95%	240,760	43.9%	41.3%	14.9%	44,660	9,214,432	52.70%	47.30%
2019	35,726,922	-11.7%	141,213	46.50%	264,177	36.6%	47.3%	16.1%	46,552	11,121,822	39.50%	60.50%

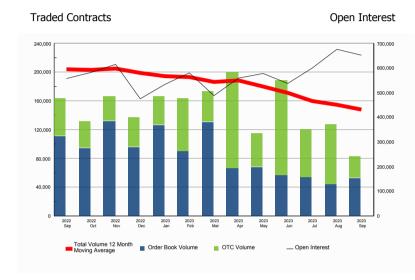


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Basic Resources Components

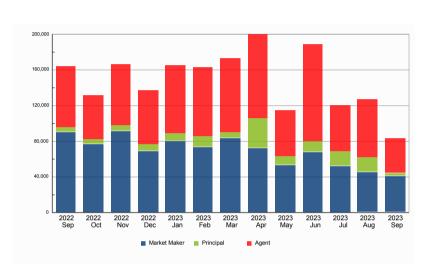
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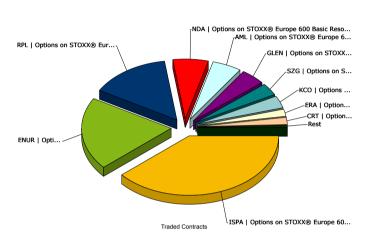
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#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Share	Э		Capital Volume in Mio	Open Interest in	Market Shar	e `
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	83,417	-49.1%	3,972	61.91%	1,619	47.3%	49.4%	3.3%	223	651,538	29.12%	70.88%
Aug 2023	126,933	-32.8%	5,519	34.47%	1,594	51.1%	36.1%	12.8%	370	675,562	53.30%	46.70%
Jul 2023	120,982	-53.1%	5,761	44.03%	1,622	42.7%	42.6%	14.7%	255	599,731	51.68%	48.32%
Jun 2023	189,282	-35.7%	8,604	29.56%	3,680	57.7%	35.9%	6.4%	416	537,043	45.29%	54.71%
May 2023	115,081	-46.9%	5,231	58.73%	1,397	45.1%	45.9%	9.0%	267	577,483	21.28%	78.72%
Apr 2023	199,932	14.4%	11,107	32.88%	1,373	47.1%	35.9%	17.0%	470	558,808	21.14%	78.86%
Mar 2023	173,643	-31.9%	7,550	74.78%	2,271	48.0%	48.3%	3.6%	417	487,759	40.00%	60.00%
Feb 2023	163,036	-8.7%	8,152	55.04%	1,751	47.8%	45.0%	7.3%	482	579,874	38.36%	61.64%
Jan 2023	165,810	-24.4%	7,537	75.76%	2,190	46.5%	48.0%	5.5%	448	532,998	42.65%	57.35%
Dec 2022	136,810	-34.8%	6,515	70.11%	1,318	43.6%	50.2%	6.2%	326	474,824	32.31%	67.69%
Nov 2022	165,992	15.4%	7,545	78.88%	1,891	40.8%	55.2%	4.0%	370	614,584	30.47%	69.53%
Oct 2022	132,244	-7.3%	6,297	71.22%	1,556	38.0%	57.7%	4.3%	321	581,676	52.24%	47.76%
Sep 2022	163,794	-31.3%	7,445	67.61%	2,799	41.3%	55.0%	3.7%	405	556,857	44.09%	55.91%

Most Active Products (Traded Contracts)		
ArcelorMittal	ISPA	32,128
Stora Enso	ENUR	16,594
UPM-Kymmene Corporation	RPL	11,902
Aurubis	NDA	5,332
Aston Martin Lagonda Global Holdings plc	AML	4,369
Glencore International	GLEN	3,827
Salzgitter	SZG	2,813
Klöckner & Co	KCO	2,790
Eramet	ERA	1,625
CaixaBank	CRT	1,500

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	e
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	1,338,116	-31.4%	6,969	51.05%	17,497	48.6%	42.4%	9.0%	3,347	651,988	38.09%	61.91%
2022	2,384,799	15.9%	9,279	51.58%	24,721	47.9%	41.6%	10.5%	6,286	476,525	53.83%	46.17%
2021	2,057,788	46.5%	8,038	40.12%	26,190	51.7%	34.1%	14.2%	5,598	409,687	72.34%	27.66%
2020	1,404,963	-38.3%	5,510	54.27%	17,886	42.5%	47.9%	9.6%	2,262	307,319	48.21%	51.79%
2019	2,278,465	47.1%	9,006	46.95%	34,123	42.0%	46.8%	11.1%	4,042	381,030	50.33%	49.67%

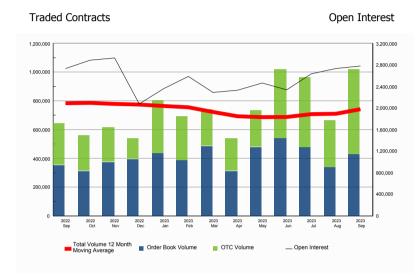


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Chemicals Components

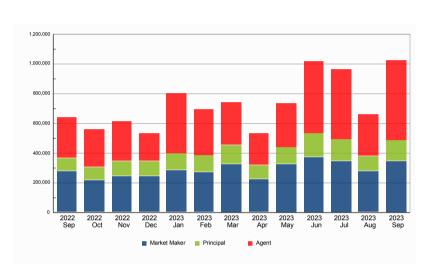
Number of Products23Number of Series15,706Launched Products per Month0

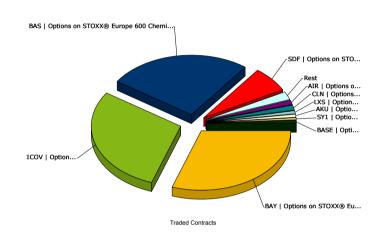
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio Open Interest in		Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,022,917	59.6%	48,710	41.94%	17,385	52.1%	34.1%	13.9%	5,158	2,778,726	45.06%	54.94%
Aug 2023	661,760	4.9%	28,772	51.17%	14,467	43.0%	42.4%	14.5%	3,316	2,731,952	47.38%	52.62%
Jul 2023	966,373	32.3%	46,018	49.54%	19,418	48.9%	35.8%	15.3%	4,774	2,633,645	47.97%	52.03%
Jun 2023	1,018,897	1.6%	46,314	53.04%	20,161	47.3%	36.7%	16.0%	4,475	2,337,000	43.07%	56.93%
May 2023	736,268	-9.3%	33,467	64.49%	16,717	39.8%	43.9%	16.3%	3,398	2,463,070	31.53%	68.47%
Apr 2023	536,219	-40.0%	29,790	57.42%	13,967	40.7%	42.0%	17.2%	2,724	2,329,650	42.57%	57.43%
Mar 2023	744,691	-34.5%	32,378	65.14%	19,181	39.0%	43.7%	17.4%	3,718	2,288,212	37.81%	62.19%
Feb 2023	693,730	-13.2%	34,687	55.82%	19,208	44.7%	38.9%	16.4%	4,105	2,585,458	47.63%	52.37%
Jan 2023	800,733	-13.2%	36,397	54.60%	20,674	50.3%	35.9%	13.8%	4,863	2,359,986	48.31%	51.69%
Dec 2022	537,360	-9.0%	25,589	72.72%	18,976	35.2%	45.4%	19.4%	3,088	2,076,038	37.76%	62.24%
Nov 2022	617,737	-12.4%	28,079	60.36%	18,221	43.8%	40.1%	16.0%	3,900	2,927,958	54.01%	45.99%
Oct 2022	562,526	5.9%	26,787	55.23%	18,683	45.4%	38.7%	15.9%	2,996	2,885,740	44.28%	55.72%
Sep 2022	640,810	-8.4%	29,128	55.29%	18,576	42.5%	43.7%	13.8%	3,423	2,730,592	42.46%	57.54%

Most Active Products (Traded Contracts)		
Bayer	BAY	310,474
Covestro AG	1COV	298,930
BASF	BAS	262,682
K+S	SDF	71,673
Air Liquide	AIR	13,760
Clariant	CLN	13,084
Lanxess	LXS	8,671
Akzo Nobel	AKU	7,636
Symrise	SY1	7,434
BASF	BASE	7,239

Year	Traded Contracts				No of Trades	Market Share	•		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average C	Order Book Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	7,181,588	-5.1%	37,404	54.01%	161,178	45.8%	38.7%	15.5%	36,534	2,803,176	43.67%	56.33%
2022	9,285,932	6.7%	36,132	52.71%	260,630	45.2%	39.1%	15.7%	56,341	2,076,058	48.46%	51.54%
2021	8,701,540	-13.6%	33,990	48.06%	248,154	45.1%	37.9%	17.0%	56,289	2,064,083	56.36%	43.64%
2020	10,066,396	-15.4%	39,476	51.03%	282,468	38.1%	41.4%	20.5%	63,985	2,335,865	53.29%	46.71%
2019	11,896,175	7.7%	47,020	45.56%	322,352	36.3%	47.6%	16.1%	78,075	2,441,597	48.75%	51.25%

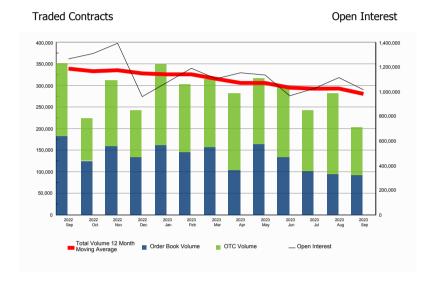


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Construction & Materials Components

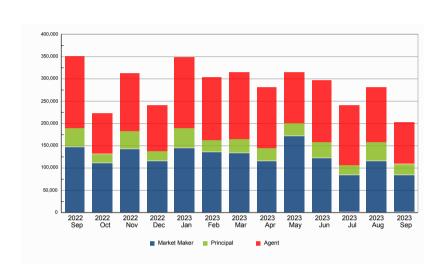
Number of Products 33
Number of Series 18,870
Launched Products per Month 0

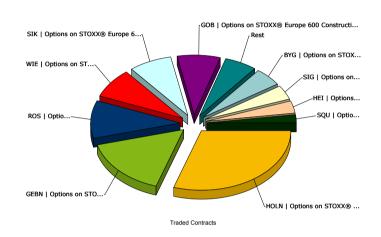
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#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Shai	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	202,839	-42.3%	9,659	44.80%	4,788	46.9%	41.7%	11.3%	1,252	1,014,741	35.26%	64.74%
Aug 2023	280,910	1.2%	12,213	33.67%	5,450	43.7%	41.1%	15.2%	1,630	1,113,366	39.08%	60.92%
Jul 2023	242,067	-9.9%	11,527	42.11%	5,517	55.9%	34.7%	9.4%	1,410	1,025,369	41.04%	58.96%
Jun 2023	297,201	-30.6%	13,509	44.77%	5,681	46.6%	40.7%	12.7%	1,806	965,807	39.40%	60.60%
May 2023	315,822	-0.2%	14,356	51.79%	5,483	36.8%	54.1%	9.2%	1,811	1,134,182	32.20%	67.80%
Apr 2023	281,757	-29.2%	15,653	36.68%	5,540	48.7%	40.6%	10.7%	1,740	1,152,376	44.24%	55.76%
Mar 2023	314,102	-28.2%	13,657	49.67%	7,110	47.8%	42.6%	9.6%	1,918	1,104,354	30.81%	69.19%
Feb 2023	303,702	0.2%	15,185	47.92%	6,546	46.8%	44.8%	8.4%	1,827	1,188,949	48.67%	51.33%
Jan 2023	348,061	-7.1%	15,821	46.48%	7,283	45.6%	41.2%	13.1%	1,773	1,073,296	49.26%	50.74%
Dec 2022	242,046	-26.7%	11,526	55.46%	5,989	43.5%	47.4%	9.1%	1,644	958,832	45.29%	54.71%
Nov 2022	311,961	9.7%	14,180	50.75%	7,428	41.8%	45.9%	12.3%	1,644	1,392,089	49.35%	50.65%
Oct 2022	223,754	-24.3%	10,655	55.82%	6,409	41.8%	49.3%	8.9%	1,159	1,308,733	41.59%	58.41%
Sep 2022	351,824	-18.1%	15,992	51.58%	8,541	46.1%	41.7%	12.2%	1,855	1,265,244	35.66%	64.34%

Most Active Products (Traded Contract	s)	
Holcim Ltd	HOLN	61,055
Geberit	GEBN	31,981
Zur Rose Group	ROS	20,529
Wienerberger	WIE	16,519
Sika	SIK	15,827
Saint-Gobain	GOB	15,785
Bouygues	BYG	10,273
SIG Group	SIG	7,770
HeidelbergCement	HEI	7,235
Vinci	SQU	4,290

Year	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	;
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	2,586,461	-18.1%	13,471	44.49%	53,398	46.3%	42.7%	11.1%	15,167	1,016,336	40.21%	59.79%
2022	3,934,224	-2.3%	15,308	48.37%	93,412	45.9%	42.5%	11.6%	22,599	960,016	41.28%	58.72%
2021	4,024,852	14.6%	15,722	39.23%	74,432	49.7%	38.0%	12.3%	23,269	830,791	51.75%	48.25%
2020	3,513,524	-4.0%	13,779	42.21%	74,313	42.7%	40.2%	17.1%	17,151	700,050	50.32%	49.68%
2019	3,660,242	5.8%	14,467	46.94%	84,950	35.9%	47.1%	17.1%	17,515	725,182	42.17%	57.83%

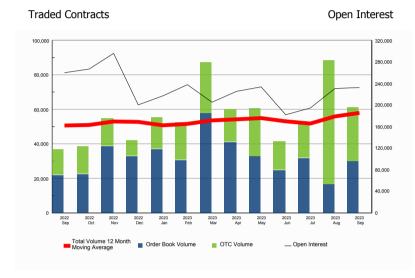


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Financial Services Components

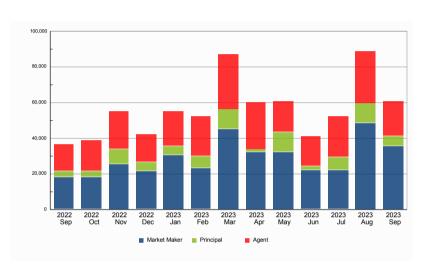
Number of Products 17
Number of Series 7,382
Launched Products per Month 0

#### 

#### **Traded Contracts & Open Interest**

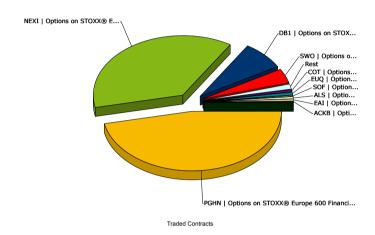


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Sha	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	60,987	66.6%	2,904	49.34%	1,912	32.8%	57.9%	9.3%	414	232,386	32.38%	67.62%
Aug 2023	88,666	127.2%	3,855	18.50%	1,626	32.4%	54.6%	12.9%	669	230,503	43.42%	56.58%
Jul 2023	52,566	-22.8%	2,503	60.03%	2,163	44.3%	42.4%	13.3%	458	194,415	53.10%	46.90%
Jun 2023	41,266	-35.2%	1,876	59.11%	1,880	40.5%	54.1%	5.4%	345	181,875	48.16%	51.84%
May 2023	60,618	16.6%	2,755	53.64%	2,126	28.8%	52.9%	18.3%	483	233,631	24.36%	75.64%
Apr 2023	59,962	14.2%	3,331	68.55%	1,868	43.1%	53.3%	3.6%	320	225,279	46.37%	53.63%
Mar 2023	87,072	38.4%	3,786	66.58%	3,473	35.6%	52.0%	12.4%	599	205,151	35.52%	64.48%
Feb 2023	52,651	23.6%	2,633	57.35%	2,318	43.0%	44.5%	12.5%	435	237,634	43.40%	56.60%
Jan 2023	55,188	-30.1%	2,509	66.48%	3,002	36.0%	55.7%	8.3%	344	216,883	40.22%	59.78%
Dec 2022	42,309	-6.6%	2,015	78.05%	2,337	37.1%	50.3%	12.6%	360	200,212	32.88%	67.12%
Nov 2022	55,009	80.1%	2,500	70.54%	2,391	38.6%	46.0%	15.4%	419	295,719	46.55%	53.45%
Oct 2022	38,655	10.1%	1,841	57.54%	1,912	44.1%	47.0%	8.9%	332	266,577	52.11%	47.89%
Sep 2022	36,606	-30.6%	1.664	60.18%	1,896	40.7%	50.0%	9.3%	363	259.863	25.59%	74.41%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	558,976	12.6%	2,911	53.83%	20,368	36.8%	52.2%	11.0%	4,066	234,083	40.18%	59.82%
2022	632,361	18.8%	2,461	56.55%	26,096	44.6%	46.3%	9.1%	4,821	200,212	36.58%	63.42%
2021	532,332	-12.4%	2,079	67.10%	23,010	47.8%	43.8%	8.4%	4,963	88,930	57.66%	42.34%
2020	607,359	11.6%	2,382	57.49%	23,237	43.1%	43.1%	13.9%	5,387	79,240	51.26%	48.74%
2019	544,297	25.5%	2,151	54.08%	14,865	44.9%	35.6%	19.5%	4,640	83,763	67.83%	32.17%



Most Active Products (Traded Contracts)		
Partners GRP Holding	PGHN	28,464
NEXI	NEXI	22,738
Deutsche Börse	DB1	4,621
SoftwareONE Holding	SWO	2,474
Comet Holding	COT	419
EURAZEO SE	EUQ	412
SOFINA	SOF	297
ALSO Holding	ALS	272
GRP BRUXELLES LAMBERT	EAI	249
Ackermans & van Haaren	ACKB	248

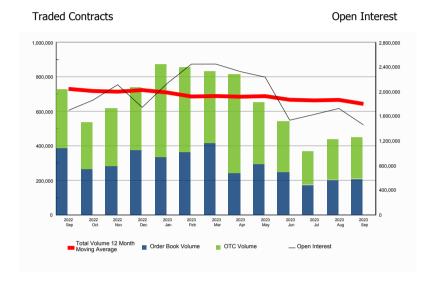


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Food & Beverage Components

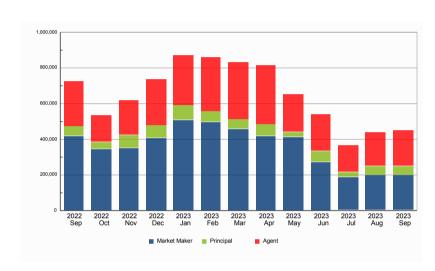
Number of Products36Number of Series23,295Launched Products per Month0

# Volume Development Trend MoM Change → YTM/YTM prev. Year ← $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**

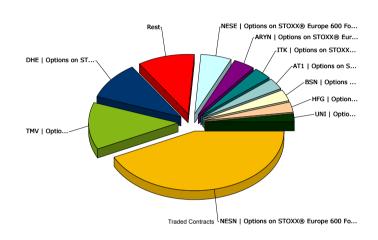


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Share	•		Capital Volume in Mio	Open Interest in	Market Shar	е
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	450,344	-38.1%	21,445	46.04%	7,403	44.9%	44.3%	10.8%	3,232	1,459,670	45.88%	54.12%
Aug 2023	438,191	8.8%	19,052	46.14%	8,730	43.0%	45.9%	11.1%	3,172	1,725,683	44.81%	55.19%
Jul 2023	365,685	-11.0%	17,414	47.58%	8,113	41.1%	51.7%	7.2%	3,033	1,628,845	46.84%	53.16%
Jun 2023	542,517	-31.6%	24,660	45.98%	8,895	39.1%	49.9%	11.0%	3,895	1,535,251	37.48%	62.52%
May 2023	650,679	6.2%	29,576	44.90%	10,473	32.3%	63.0%	4.7%	6,426	2,234,627	44.04%	55.96%
Apr 2023	812,809	-5.1%	45,156	29.87%	10,738	40.6%	51.6%	7.7%	7,451	2,323,486	52.33%	47.67%
Mar 2023	834,304	3.7%	36,274	50.01%	15,125	38.6%	54.6%	6.7%	6,383	2,446,026	46.22%	53.78%
Feb 2023	857,945	-24.6%	42,897	42.51%	26,110	34.7%	57.7%	7.6%	7,448	2,445,534	41.56%	58.44%
Jan 2023	871,784	-16.0%	39,627	38.26%	19,006	32.2%	57.8%	9.9%	8,232	2,126,857	41.09%	58.91%
Dec 2022	737,049	17.8%	35,098	50.70%	12,901	34.8%	55.3%	9.9%	6,664	1,743,689	42.20%	57.80%
Nov 2022	617,233	-6.9%	28,056	45.58%	9,980	31.7%	56.9%	11.3%	5,266	2,110,892	47.71%	52.29%
Oct 2022	536,610	-21.7%	25,553	49.36%	10,723	28.9%	64.4%	6.6%	4,767	1,861,868	44.37%	55.63%
Sep 2022	728,100	-5.4%	33,095	53.01%	11,828	34.9%	57.0%	8.1%	5,601	1,695,913	41.16%	58.84%

Year	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average C	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	5,824,258	-14.2%	30,335	42.64%	114,593	37.7%	54.0%	8.3%	49,272	1,460,191	44.47%	55.53%
2022	8,675,854	1.4%	33,758	50.84%	157,696	33.7%	59.1%	7.2%	77,393	1,743,929	42.00%	58.00%
2021	8,557,244	9.5%	33,427	47.13%	133,795	36.0%	57.2%	6.8%	72,369	1,572,227	44.78%	55.22%
2020	7,816,525	-10.0%	30,653	43.31%	123,730	30.8%	59.5%	9.7%	68,556	1,657,207	43.20%	56.80%
2019	8,686,402	13.3%	34,334	43.72%	120,681	29.3%	58.9%	11.8%	69,227	1,506,749	47.95%	52.05%



Most Active Products (Traded Contracts)		
Nestlé	NESN	193,032
TeamViewer AG	TMV	57,171
Delivery Hero SE	DHE	46,391
NESTLE AG	NESE	24,572
Aryzta	ARYN	17,632
Anheuser-Busch-InBev	ITK	15,161
AROUNDTOWN S.A.	AT1	14,292
Danone	BSN	13,669
HelloFresh SE	HFG	12,139
Unilever PLC	UNI	10,278

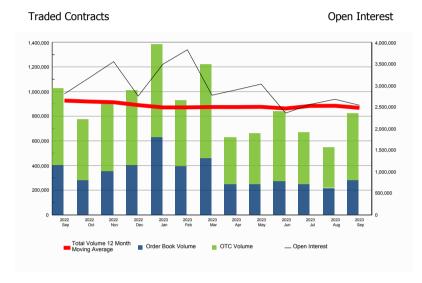


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Health Care Components

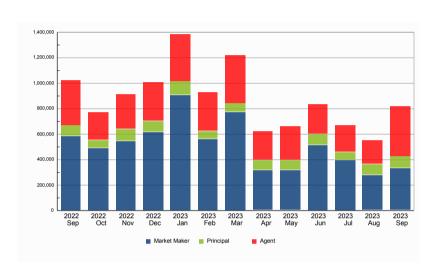
Number of Products 26
Number of Series 16,995
Launched Products per Month 0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← ↓ <-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

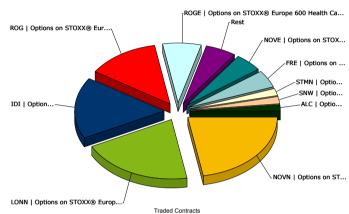
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



<b>Traded Contracts</b>	by	Product



Month	Traded Contracts				No of Trades	Market Share	•		Capital Volume in Mio	Open Interest in	Market Shar	е
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	823,493	-19.7%	39,214	34.20%	14,187	48.0%	39.9%	12.0%	8,418	2,540,044	37.70%	62.30%
Aug 2023	551,807	2.3%	23,992	39.55%	14,141	33.7%	50.7%	15.5%	6,338	2,679,094	38.13%	61.87%
Jul 2023	672,807	59.1%	32,038	36.77%	13,278	31.9%	58.8%	9.2%	7,111	2,560,524	44.27%	55.73%
Jun 2023	839,406	-15.8%	38,155	32.34%	13,356	28.9%	61.0%	10.1%	11,548	2,358,779	41.77%	58.23%
May 2023	661,150	2.8%	30,052	37.65%	12,297	39.6%	48.0%	12.4%	8,266	3,031,466	48.68%	51.32%
Apr 2023	625,843	-0.5%	34,769	40.06%	12,931	36.4%	50.5%	13.1%	7,826	2,899,119	48.33%	51.67%
Mar 2023	1,222,551	2.9%	53,154	37.37%	21,888	30.9%	63.3%	5.9%	14,816	2,771,919	39.95%	60.05%
Feb 2023	931,944	0.3%	46,597	42.46%	19,187	32.7%	60.3%	6.9%	12,223	3,826,887	40.40%	59.60%
Jan 2023	1,382,650	-13.8%	62,848	45.80%	70,575	26.8%	65.4%	7.8%	18,985	3,490,241	34.96%	65.04%
Dec 2022	1,010,214	-21.6%	48,105	40.16%	23,155	30.1%	60.6%	9.3%	14,150	2,752,420	39.57%	60.43%
Nov 2022	917,857	-7.1%	41,721	38.52%	16,981	30.3%	59.2%	10.5%	13,065	3,551,117	43.78%	56.22%
Oct 2022	775,493	-10.5%	36,928	36.17%	15,080	29.2%	63.1%	7.7%	9,765	3,173,803	42.69%	57.31%
Sep 2022	1,025,360	-43.5%	46,607	39.27%	19,245	34.6%	57.0%	8.4%	12,429	2,804,896	38.81%	61.19%

Most Active Products (Traded Contracts)		
OPT ON NOVARTIS AG	NOVN	182,141
Lonza Group	LONN	168,693
Idorsia Ltd	IDI	137,489
Roche Holding	ROG	107,380
Roche Holding	ROGE	55,982
OPT E ON NOVARTIS AG	NOVE	39,615
Fresenius	FRE	38,914
Straumann Holding	STMN	16,091
Sanofi-Aventis old	SNW	15,685
ALCON	ALC	14,458

Year	Traded Contracts					Market Share			Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average C	order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	7,711,651	-3.3%	40,165	38.96%	191,840	33.5%	56.9%	9.6%	95,530	2,540,287	40.74%	59.26%
2022	10,681,683	-16.3%	41,563	41.38%	222,453	31.0%	61.0%	8.0%	141,340	2,755,470	40.58%	59.42%
2021	12,761,531	19.5%	49,850	35.18%	195,263	42.4%	50.7%	6.9%	143,700	3,020,334	41.62%	58.38%
2020	10,682,520	6.2%	41,892	39.48%	206,825	28.5%	61.1%	10.3%	141,149	2,537,913	44.14%	55.86%
2019	10,057,261	4.7%	39,752	45.92%	228,798	26.9%	62.3%	10.9%	116,522	2,453,868	45.34%	54.66%

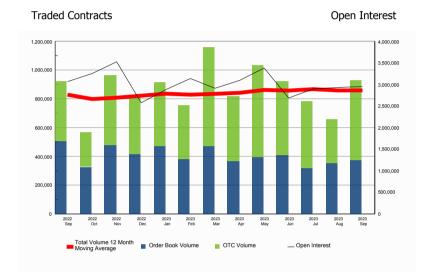


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Industrial Goods & Services Components

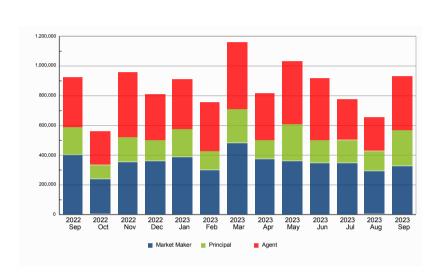
Number of Products 67
Number of Series 38,009
Launched Products per Month 0

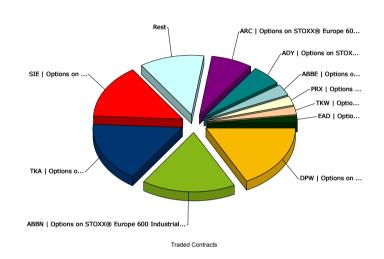
# <u>Volume Development Trend</u> MoM Change ↑ YTM/YTM prev. Year $\rightarrow$ $\downarrow$ < -25% ← >=-25% and < 0% $\rightarrow$ >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	928,533	0.5%	44,216	40.11%	17,707	38.7%	35.2%	26.1%	5,414	2,950,406	41.53%	58.47%
Aug 2023	658,632	-13.8%	28,636	52.92%	18,058	34.9%	43.9%	21.2%	4,844	2,929,194	37.18%	62.82%
Jul 2023	779,955	17.7%	37,141	40.70%	14,603	35.8%	44.0%	20.2%	4,901	2,896,802	41.57%	58.43%
Jun 2023	919,073	-5.2%	41,776	44.27%	16,710	45.3%	37.6%	17.1%	5,362	2,686,108	47.05%	52.95%
May 2023	1,032,163	30.0%	46,917	38.39%	15,612	41.0%	34.7%	24.3%	4,960	3,379,578	35.93%	64.07%
Apr 2023	820,213	11.7%	45,567	44.22%	12,986	39.2%	45.6%	15.2%	4,023	3,092,770	43.67%	56.33%
Mar 2023	1,160,322	6.4%	50,449	40.33%	19,538	38.8%	41.6%	19.6%	5,824	2,910,620	40.64%	59.36%
Feb 2023	755,879	-9.8%	37,794	50.39%	17,859	43.2%	39.4%	17.4%	4,518	3,136,962	42.02%	57.98%
Jan 2023	912,821	22.3%	41,492	51.53%	20,688	37.2%	42.0%	20.8%	4,799	2,878,758	42.65%	57.35%
Dec 2022	809,303	26.0%	38,538	51.48%	16,698	37.8%	44.5%	17.7%	4,133	2,574,715	46.83%	53.17%
Nov 2022	960,645	13.2%	43,666	49.62%	21,072	45.6%	36.6%	17.8%	5,301	3,525,118	54.17%	45.83%
Oct 2022	564,408	-39.1%	26,877	57.78%	16,428	40.7%	41.9%	17.3%	2,612	3,251,288	45.36%	54.64%
Sep 2022	923,980	5.0%	41,999	54.87%	21,001	36.2%	43.2%	20.6%	4,270	3,064,165	36.75%	63.25%

Most Active Products (Traded Contracts)		
Deutsche Post	DPW	162,836
ABB	ABBN	156,175
Thyssen Krupp	TKA	152,528
Siemens	SIE	138,277
Arcadis N.V.	ARC	69,902
ADYEN NV	ADY	52,303
ABB	ABBE	26,420
Prosus NV	PRX	23,470
Just Eat Takeaway.com N.V.	TKW	22,307
Airbus Group N.V.	EAD	17,358

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average C	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	7,967,591	5.9%	41,498	44.22%	153,761	39.5%	40.2%	20.3%	44,645	2,950,804	41.35%	58.65%
2022	9,858,488	-6.0%	38,360	55.28%	237,919	40.2%	43.7%	16.1%	51,310	2,581,573	42.29%	57.71%
2021	10,488,675	-36.0%	40,971	45.72%	221,554	42.1%	41.3%	16.6%	57,910	2,472,093	50.83%	49.17%
2020	16,380,081	-13.0%	64,236	48.43%	412,687	35.2%	46.9%	17.9%	82,216	3,415,858	45.74%	54.26%
2019	18,831,608	11.1%	74,433	46.90%	418,633	35.4%	47.2%	17.4%	90,581	3,866,579	47.47%	52.53%



#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Insurance Components

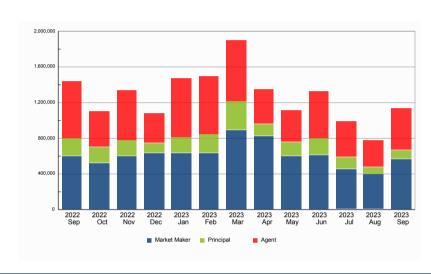
Number of Products33Number of Series21,938Launched Products per Month0

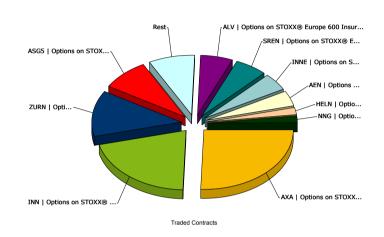
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Share	;		Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,132,069	-21.5%	53,908	41.31%	14,845	41.4%	49.7%	8.9%	5,660	6,846,933	30.65%	69.35%
Aug 2023	783,701	-39.5%	34,074	46.39%	14,005	39.2%	50.0%	10.8%	4,501	6,834,870	31.12%	68.88%
Jul 2023	988,902	-0.2%	47,091	42.23%	12,941	40.8%	45.8%	13.5%	4,543	6,785,454	30.35%	69.65%
Jun 2023	1,331,734	4.4%	60,533	39.69%	14,568	39.8%	45.8%	14.4%	5,866	6,442,325	32.45%	67.55%
May 2023	1,113,061	-12.0%	50,594	45.38%	16,184	31.9%	53.6%	14.6%	6,344	7,654,728	37.16%	62.84%
Apr 2023	1,345,547	6.3%	74,753	32.59%	15,762	29.2%	60.8%	10.0%	6,829	7,642,286	44.92%	55.08%
Mar 2023	1,904,222	-21.2%	82,792	48.36%	27,525	36.1%	46.7%	17.2%	9,313	7,548,063	34.03%	65.97%
Feb 2023	1,500,969	-25.0%	75,048	35.20%	15,575	43.5%	42.0%	14.5%	7,219	7,299,623	31.54%	68.46%
Jan 2023	1,469,809	-35.9%	66,810	39.97%	19,184	45.1%	42.9%	12.0%	8,305	6,786,715	36.88%	63.12%
Dec 2022	1,080,158	11.8%	51,436	49.56%	15,050	31.1%	58.5%	10.3%	5,748	6,081,910	41.12%	58.88%
Nov 2022	1,345,011	-3.9%	61,137	39.90%	16,091	41.8%	44.3%	13.8%	7,598	8,911,676	39.19%	60.81%
Oct 2022	1,106,528	-1.5%	52,692	36.96%	16,097	36.3%	47.5%	16.2%	5,143	8,472,159	38.91%	61.09%
Sep 2022	1,442,189	-30.5%	65,554	36.71%	16,893	44.7%	41.5%	13.8%	6,296	8,127,438	32.99%	67.01%

Most Active Products (Traded Contracts)		
AXA	AXA	289,208
ING	INN	234,048
Zurich Insurance Group	ZURN	141,827
Generali (ITA exec. type)	ASG5	95,874
Allianz	ALV	65,916
Swiss Re	SREN	64,829
ING GROEP NV CVA	INNE	52,374
Aegon	AEN	47,270
Helvetia Holding	HELN	24,016
NN GROUP NV	NNG	21,246

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	11,570,014	-18.8%	60,260	41.12%	150,589	38.6%	48.2%	13.2%	58,579	6,849,758	34.61%	65.39%
2022	17,776,793	-6.1%	69,170	36.48%	197,432	42.1%	46.4%	11.5%	86,854	6,085,863	35.53%	64.47%
2021	18,930,800	-15.9%	73,948	32.39%	182,240	43.6%	44.0%	12.4%	81,683	7,092,185	39.78%	60.22%
2020	22,520,235	8.1%	88,315	35.95%	254,391	35.5%	51.2%	13.3%	91,370	8,796,233	42.00%	58.00%
2019	20,828,815	-1.3%	82,327	40.55%	245,952	33.2%	54.0%	12.8%	94,355	7,321,207	40.41%	59.59%



#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Media Components

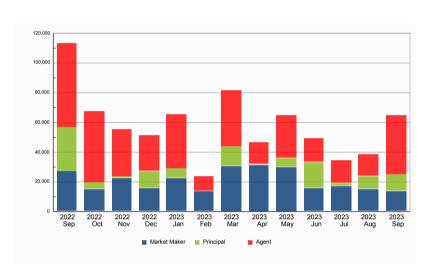
Number of Products 14
Number of Series 7,819
Launched Products per Month 0

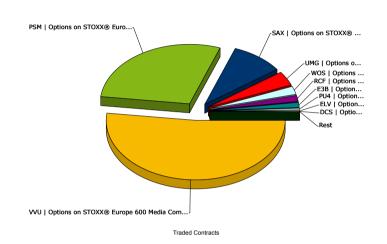
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Share	:		Capital Volume in Mio	Open Interest in	Market Shar	е
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	64,692	-43.0%	3,081	40.90%	746	60.7%	21.6%	17.6%	116	192,499	51.23%	48.77%
Aug 2023	38,855	34.1%	1,689	59.61%	930	39.6%	39.5%	20.9%	80	227,900	55.81%	44.19%
Jul 2023	34,797	-33.0%	1,657	73.13%	1,221	44.3%	48.5%	7.2%	67	217,209	40.93%	59.07%
Jun 2023	49,378	-29.6%	2,244	53.05%	805	32.5%	32.4%	35.1%	128	211,296	25.35%	74.65%
May 2023	64,573	-7.8%	2,935	77.99%	1,200	43.9%	46.5%	9.6%	116	260,071	26.99%	73.01%
Apr 2023	46,688	51.9%	2,594	51.53%	864	31.6%	67.0%	1.4%	86	257,439	31.15%	68.85%
Mar 2023	81,933	-20.8%	3,562	62.72%	1,275	46.6%	37.3%	16.1%	178	240,142	41.57%	58.43%
Feb 2023	23,944	-57.9%	1,197	83.50%	804	43.1%	56.4%	0.5%	75	236,268	39.94%	60.06%
Jan 2023	65,721	28.7%	2,987	45.09%	1,120	55.7%	34.1%	10.2%	174	229,524	49.89%	50.11%
Dec 2022	51,456	-40.0%	2,450	47.90%	1,118	47.4%	30.1%	22.5%	93	194,147	68.48%	31.52%
Nov 2022	55,782	-4.2%	2,536	54.06%	1,287	57.4%	40.0%	2.6%	204	267,465	48.53%	51.47%
Oct 2022	67,248	-12.4%	3,202	41.49%	1,001	70.7%	22.7%	6.7%	141	260,329	52.35%	47.65%
Sep 2022	113,525	65.3%	5,160	36.23%	1,283	49.8%	23.7%	26.5%	178	217,470	62.23%	37.77%

Most Active Products (Traded Contracts)		
VIVENDI	VVU	33,576
ProSiebenSat.1	PSM	18,627
Stroer SE Co. KGaA o.N.	SAX	6,105
Universal Music Group	UMG	2,473
Wolters Kluwer	WOS	1,305
Téléperformance	RCF	1,247
EUTELSAT GROUP	E3B	778
Publicis Groupe	PU4	466
RELX PLC	ELV	108
JCDECAUX	DCS	6

Year	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	į.
	Total	YoY Change	Daily Average C	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	470,581	-18.4%	2,451	58.80%	8,965	45.6%	40.4%	14.1%	1,021	192,719	40.37%	59.63%
2022	751,270	-10.9%	2,923	50.21%	13,472	53.7%	33.9%	12.3%	1,711	194,395	49.03%	50.97%
2021	843,626	-16.6%	3,295	40.96%	14,488	49.5%	34.9%	15.6%	2,360	119,912	60.08%	39.92%
2020	1,011,265	-13.9%	3,966	41.31%	15,236	38.1%	43.2%	18.8%	2,322	178,672	52.98%	47.02%
2019	1,174,501	-0.4%	4,642	55.63%	20,987	31.7%	54.8%	13.5%	2,956	216,362	42.51%	57.49%

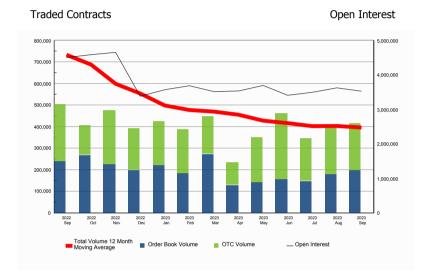


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Oil & Gas Components

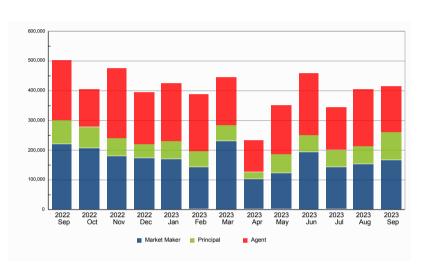
Number of Products 15
Number of Series 9,312
Launched Products per Month 0

# Volume Development Trend MoM Change → YTM/YTM prev. Year ↓ ✓ -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**

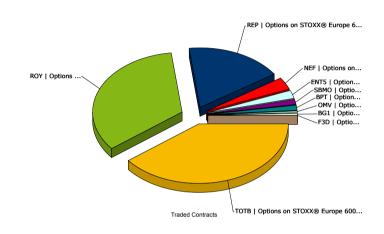


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Sha	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	416,971	-17.3%	19,856	47.70%	4,944	37.1%	40.2%	22.6%	1,645	3,524,301	53.01%	46.99%
Aug 2023	403,579	2.4%	17,547	43.89%	4,588	46.8%	38.1%	15.2%	1,414	3,621,483	43.36%	56.64%
Jul 2023	345,449	-32.6%	16,450	42.53%	6,041	42.0%	41.4%	16.6%	1,303	3,492,524	49.43%	50.57%
Jun 2023	460,744	-23.1%	20,943	33.82%	6,265	45.3%	41.5%	13.1%	1,799	3,405,789	43.08%	56.92%
May 2023	352,192	-48.3%	16,009	39.85%	5,342	47.5%	34.7%	17.8%	1,340	3,690,900	47.00%	53.00%
Apr 2023	232,641	-42.6%	12,925	54.99%	4,073	46.3%	43.8%	9.9%	884	3,530,916	52.05%	47.95%
Mar 2023	446,326	-16.9%	19,405	61.28%	7,206	36.6%	51.3%	12.1%	1,739	3,512,661	40.06%	59.94%
Feb 2023	387,603	-39.3%	19,380	47.54%	5,871	49.1%	37.1%	13.8%	1,460	3,682,533	52.00%	48.00%
Jan 2023	425,256	-61.1%	19,330	52.05%	4,926	46.1%	40.0%	13.8%	1,579	3,567,026	46.53%	53.47%
Dec 2022	393,854	-57.8%	18,755	49.75%	4,203	44.2%	43.6%	12.2%	1,673	3,378,704	52.56%	47.44%
Nov 2022	474,306	-69.3%	21,559	47.53%	5,193	49.0%	37.9%	13.1%	2,009	4,649,956	60.13%	39.87%
Oct 2022	405,419	-57.3%	19,306	65.81%	6,342	31.8%	50.7%	17.5%	1,438	4,582,929	53.62%	46.38%
Sep 2022	504.317	-44.8%	22.924	47.08%	6.271	40.6%	43.9%	15.5%	1,855	4,498,568	46.11%	53.89%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	3,470,761	-35.3%	18,077	46.85%	49,256	43.9%	41.0%	15.1%	13,163	3,524,710	46.97%	53.03%
2022	6,639,566	-47.6%	25,835	47.08%	68,947	46.4%	40.3%	13.4%	24,020	3,378,749	49.96%	50.04%
2021	12,673,351	24.6%	49,505	29.71%	80,669	55.0%	32.8%	12.2%	37,884	4,600,688	45.49%	54.51%
2020	10,170,527	57.4%	39,884	34.55%	88,331	52.8%	36.2%	10.9%	27,144	3,661,154	45.48%	54.52%
2019	6,459,584	11.5%	25,532	45.59%	74,720	37.7%	47.3%	14.9%	22,715	2,500,840	40.32%	59.68%



Most Active Products (Traded Contracts)		
TotalEnergies SE	ТОТВ	164,951
Shell Plc	ROY	140,200
Repsol YPF	REP	72,224
Neste Oil Corporation	NEF	14,181
ENI (ITA exec. type)	ENT5	9,748
SBM Offshore	SBMO	5,699
BP	BPT	4,766
OMV	OMV	2,946
BAWAG Group AG	BG1	2,160
Fugro	F3D	96
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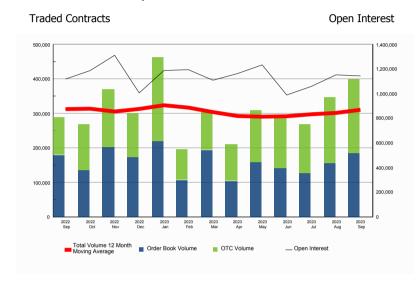


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Personal & Household Goods Components

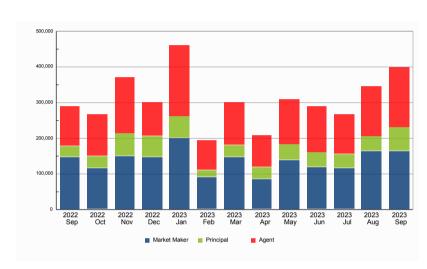
Number of Products 29
Number of Series 18,787
Launched Products per Month 0

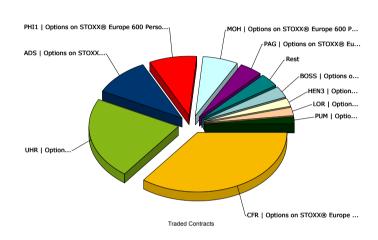
# Volume Development Trend MoM Change → YTM/YTM prev. Year ← V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Shai	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	398,757	37.8%	18,988	46.03%	13,832	42.3%	41.3%	16.4%	5,802	1,143,711	34.92%	65.08%
Aug 2023	345,196	15.4%	15,009	44.90%	13,204	40.2%	47.8%	12.0%	4,898	1,151,667	36.92%	63.08%
Jul 2023	268,902	34.7%	12,805	47.37%	10,742	42.7%	43.5%	13.8%	4,119	1,058,122	46.07%	53.93%
Jun 2023	291,069	5.2%	13,230	48.11%	10,256	45.0%	40.9%	14.1%	3,495	988,520	38.70%	61.30%
May 2023	308,877	-6.9%	14,040	51.47%	10,767	40.5%	44.5%	15.0%	4,311	1,232,933	45.12%	54.88%
Apr 2023	209,953	-39.4%	11,664	49.69%	9,881	43.1%	40.7%	16.2%	3,191	1,162,450	45.75%	54.25%
Mar 2023	301,991	-34.0%	13,130	63.78%	14,195	40.3%	48.6%	11.1%	4,111	1,108,340	45.72%	54.28%
Feb 2023	195,157	-29.8%	9,758	54.51%	10,719	42.9%	46.8%	10.3%	2,700	1,193,911	46.90%	53.10%
Jan 2023	461,996	38.5%	21,000	47.62%	13,509	43.6%	43.6%	12.8%	5,346	1,186,967	49.32%	50.68%
Dec 2022	300,032	42.8%	14,287	57.77%	10,109	31.5%	48.8%	19.7%	3,007	1,005,365	41.63%	58.37%
Nov 2022	371,152	-20.8%	16,871	54.18%	13,980	42.3%	40.5%	17.2%	3,690	1,310,775	44.17%	55.83%
Oct 2022	268,693	5.5%	12,795	49.70%	11,213	44.5%	42.9%	12.6%	2,782	1,186,334	36.26%	63.74%
Sep 2022	289,273	-20.0%	13,149	61.53%	9,715	38.3%	50.9%	10.8%	2,636	1,117,844	31.38%	68.62%

Most Active Products (Traded Contracts	)	
Compagnie Financière Richemont	CFR	140,766
Swatch Group	UHR	88,847
Adidas	ADS	40,563
Philips	PHI1	34,120
LVMH	MOH	25,766
Porsche AG pref.	PAG	16,711
Hugo Boss	BOSS	12,670
Henkel	HEN3	8,811
L Oréal	LOR	8,363
Puma	PUM	8,124

Year	Traded Contracts	1			No of Trades Market Share				Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	2,781,898	-1.1%	14,489	49.90%	107,105	42.2%	44.1%	13.6%	37,972	1,144,284	43.00%	57.00%
2022	3,751,760	7.5%	14,598	56.20%	130,359	42.2%	44.0%	13.8%	38,195	1,005,596	37.11%	62.89%
2021	3,491,139	-25.4%	13,637	49.51%	122,396	47.7%	40.5%	11.8%	37,223	847,797	51.30%	48.70%
2020	4,679,611	-19.1%	18,351	41.30%	140,307	40.3%	44.7%	15.0%	39,324	814,374	39.01%	60.99%
2019	5,783,275	34.4%	22,859	45.24%	182,447	37.3%	48.8%	14.0%	49,936	1,053,371	38.67%	61.33%



#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Real Estate Components

Daily Average Orderbook Share

11.37%

19.45%

26.76%

15.50%

40.94%

16.13%

31.23%

81.97%

25.31%

59.30%

37.95%

70.61%

30.29%

4,136

2,191

2,651

4,449

3,225

4,527

4,070

1,359

3.886

2,117

2,470

1,428

3,081

Number of Products 10
Number of Series 5,352
Launched Products per Month 0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↑ $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**

Total

86,864

50,401

55,664

97,875

70,940

81,492

93,617

27,181

85,502

44,466

54,330

29,984

67,782

Sep 2023

Aug 2023

Jul 2023

Jun 2023

May 2023

Apr 2023

Mar 2023

Feb 2023

Jan 2023

Dec 2022

Nov 2022

Oct 2022

Sep 2022

YoY Change

28.2%

-35.5%

406.7%

358.5%

38.6%

451.4%

151.1%

2.2%

-49.2%

-24.7%

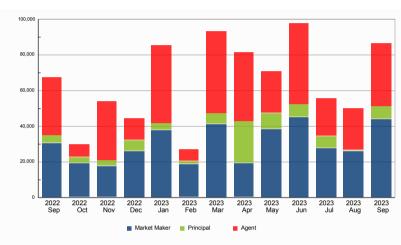
-0.9%

-3.3%

-35.8%



#### **Traded Contracts by Account Type**



	0	-											
	0 -	2022 2022 Sep Oct	2022 2022 Nov Dec	2023 Jan	2023 Feb	2023 Mar	2023 Apr	2023 May	2023 Jun	2023 Jul	2023 Aug	2023 Sep	
		·	■ Marke	et Maker	Princip	oal	■ Agen	t			Ů	·	
f Trades	Market Sha	ire		(	Capital V	olume i	n Mio	Open In	iterest i	n	Marke	et Share	
	Agent	Market Maker	Principal	[	EUR			Contrac	ts		С	alls	Puts
935	40.9%	50.8%	8.3%	1		23	32	3	300,95	57	55.5	5%	44.45%
1,107	47.3%	51.4%	1.3%	,		15	54	3	326,62	24	40.8	9%	59.11%
1,465	38.4%	49.8%	11.8%			21	12	3	305,26	33	48.5	9%	51.41%
1,655	46.5%	46.3%	7.2%	,		25	58	2	280,5	15	61.2	0%	38.80%
2,513	33.4%	53.8%	12.8%	,		20	)7	3	35,91	10	56.9	0%	43.10%
1,249	47.5%	23.9%	28.6%			22	22	3	317,76	69	74.2	1%	25.79%
2,016	49.5%	44.1%	6.4%			26	66	2	277,07	75	51.8	3%	48.17%
1,776	24.1%	68.7%	7.2%			11	14	2	255,95	51	24.0	5%	75.95%

261

145

170

92

184

248,499

199,193

252,232

242,350

227,831

54.71%

54.45%

48.16%

64.23%

74.78%

45.29%

45.55%

51.84%

35.77%

25.22%

Year	Traded Contracts				No of Trades	Market Shar	re e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	649,536	36.3%	3,383	25.42%	14,344	43.9%	46.0%	10.1%	1,926	301,084	55.19%	44.81%
2022	605,275	-2.7%	2,355	38.88%	19,170	44.1%	49.9%	6.0%	2,004	199,727	65.63%	34.37%
2021	622,102	-14.9%	2,430	35.58%	21,204	51.3%	37.7%	11.0%	2,182	178,698	66.05%	33.95%
2020	730,880	136.2%	2,866	47.23%	27,183	49.9%	41.2%	9.0%	3,283	143,272	45.96%	54.04%
2019	309,489	-13.4%	1,223	78.67%	18,916	34.3%	58.5%	7.2%	2,208	55,257	35.54%	64.46%

51.3%

28.3%

61.1%

25.0%

48.0%

1,628

1,824

1,677

1,894

1,894

44.2%

58.9%

32.0%

64.8%

44.7%

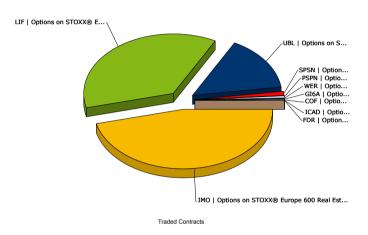
4.5%

12.8%

6.9%

10.2%

7.3%



Most Active Products (Traded Contracts)		
IMMOFINANZ	IMO	40,024
KLEPIERRE	LIF	31,929
Unibail-RODAMCO- Westfield	UBL	13,028
Swiss Prime Site	SPSN	956
PSP Swiss Property	PSPN	406
Wereldhave	WER	200
Gecina	GI6A	166
Cofinimmo	COF	112
Icade	ICAD	38
Covivio	FDR	5

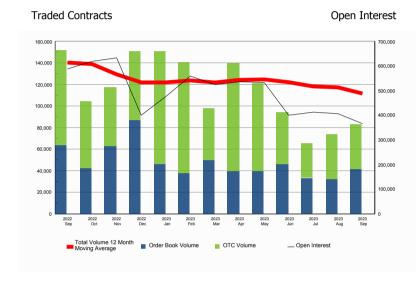


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Retail Components

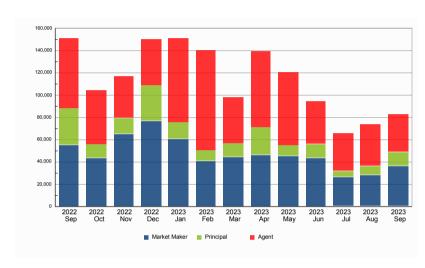
Number of Products 13
Number of Series 8,364
Launched Products per Month 0

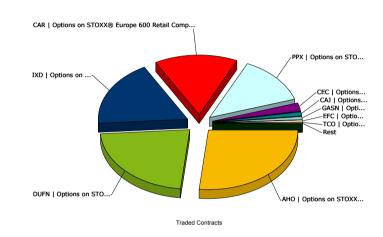
# Volume Development Trend MoM Change → YTM/YTM prev. Year ← ✓ <-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Sha	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	82,711	-45.3%	3,939	50.17%	1,733	40.5%	43.6%	15.9%	689	365,906	47.93%	52.07%
Aug 2023	74,056	-12.2%	3,220	43.13%	1,401	51.5%	38.6%	9.9%	385	406,278	61.23%	38.77%
Jul 2023	65,578	-41.7%	3,123	50.05%	1,634	51.6%	40.3%	8.1%	461	412,511	51.33%	48.67%
Jun 2023	94,442	-24.8%	4,293	48.24%	1,780	41.1%	45.8%	13.1%	493	399,892	44.19%	55.81%
May 2023	120,986	4.6%	5,499	32.70%	1,676	54.4%	37.5%	8.1%	674	532,939	58.48%	41.52%
Apr 2023	139,221	26.7%	7,735	28.34%	1,316	48.9%	33.2%	17.9%	650	535,335	72.32%	27.68%
Mar 2023	97,830	-19.1%	4,253	50.47%	2,174	41.9%	45.0%	13.0%	594	524,079	50.88%	49.12%
Feb 2023	140,549	18.3%	7,027	26.87%	1,686	63.9%	29.1%	7.0%	537	558,904	57.74%	42.26%
Jan 2023	151,161	-0.1%	6,871	30.23%	1,993	49.7%	40.2%	10.1%	640	475,867	57.29%	42.71%
Dec 2022	150,397	-37.3%	7,162	57.78%	3,536	27.8%	50.7%	21.6%	559	400,060	44.75%	55.25%
Nov 2022	117,053	-49.5%	5,321	53.66%	2,896	32.1%	55.1%	12.8%	513	632,695	60.53%	39.47%
Oct 2022	104,648	-13.7%	4,983	40.52%	1,994	46.1%	41.7%	12.2%	443	618,476	52.11%	47.89%
Sep 2022	151,326	-53.1%	6,878	41.80%	2,358	41.9%	36.4%	21.7%	537	587,534	40.06%	59.94%

Most Active Products (Traded Contracts)		
Ahold	AHO	22,143
Dufry AG	DUFN	18,377
Inditex	IXD	14,925
Carrefour	CAR	12,380
PPR	PPX	10,666
Ceconomy AG	CEC	1,835
Casino Guichard	CAJ	983
Galenica AG Namens- Aktien SF	GASN	757
Colruyt	EFC	334
TESCO	TCO	234

Year	Traded Contracts				No of Trades	Market Share	е		Capital Volume in Mio	Open Interest in	Market Share	į.
	Total	YoY Change	Daily Average (	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	966,534	-11.4%	5,034	37.63%	15,393	50.1%	38.5%	11.5%	5,122	365,917	56.84%	43.16%
2022	1,462,441	-44.8%	5,690	51.04%	33,411	39.5%	43.2%	17.3%	6,107	480,245	46.53%	53.47%
2021	2,649,855	58.0%	10,351	53.65%	44,765	36.7%	49.2%	14.1%	8,139	728,398	40.06%	59.94%
2020	1,677,214	-37.4%	6,577	54.68%	39,219	32.9%	55.5%	11.6%	6,342	606,894	35.91%	64.09%
2019	2,677,390	-22.7%	10,583	49.10%	52,419	33.0%	50.0%	16.9%	9,811	803,727	42.62%	57.38%

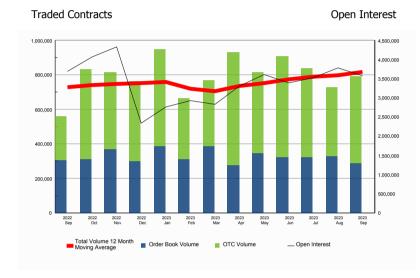


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Technology Components

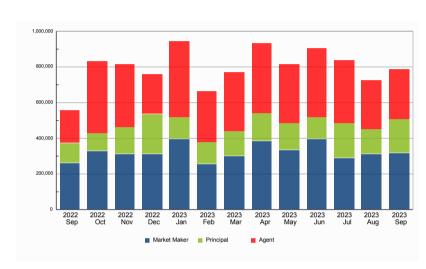
Number of Products49Number of Series25,485Launched Products per Month29

# Volume Development Trend MoM Change → YTM/YTM prev. Year → $\downarrow < -25\% ← >=-25\% \text{ and } < 0\% → >=0\% \text{ and } <=25\% ↑ > 25\%$

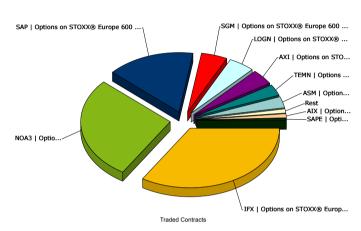
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



Traded	Contracts	by	Product



Month	Traded Contracts				No of Trades	Market Share	•		Capital Volume in Mio	Open Interest in	Market Sha	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	790,259	41.3%	37,631	36.58%	10,848	36.1%	39.7%	24.3%	4,497	3,575,902	37.19%	62.81%
Aug 2023	725,167	16.1%	31,529	45.26%	12,607	37.5%	42.8%	19.7%	3,760	3,780,150	38.34%	61.66%
Jul 2023	837,917	27.8%	39,901	38.63%	12,127	42.3%	34.3%	23.4%	4,314	3,522,696	32.70%	67.30%
Jun 2023	906,640	41.1%	41,211	35.58%	11,047	42.9%	43.4%	13.7%	3,777	3,388,833	49.78%	50.22%
May 2023	813,855	31.7%	36,993	42.23%	12,277	40.3%	41.2%	18.5%	4,038	3,606,127	40.81%	59.19%
Apr 2023	933,423	64.6%	51,857	29.25%	9,702	41.9%	40.9%	17.2%	2,924	3,308,756	32.78%	67.22%
Mar 2023	770,730	-18.3%	33,510	50.28%	13,787	43.0%	38.5%	18.5%	3,966	2,829,392	40.26%	59.74%
Feb 2023	663,555	-41.5%	33,178	46.54%	13,168	42.8%	38.7%	18.5%	3,582	2,926,510	45.36%	54.64%
Jan 2023	947,071	9.1%	43,049	40.69%	15,522	45.5%	41.4%	13.1%	3,941	2,760,741	41.72%	58.28%
Dec 2022	762,120	8.1%	36,291	39.30%	12,066	29.4%	40.9%	29.6%	2,899	2,338,571	45.49%	54.51%
Nov 2022	813,093	11.1%	36,959	45.48%	16,442	43.3%	38.0%	18.7%	3,677	4,328,118	61.32%	38.68%
Oct 2022	833,677	21.5%	39,699	37.26%	14,470	48.3%	39.5%	12.2%	2,828	4,064,791	34.68%	65.32%
Sep 2022	559,416	-11.4%	25,428	54.26%	11,526	33.7%	46.4%	19.9%	2,458	3,689,493	38.10%	61.90%

Most Active Products (Traded Contracts)		
Infineon	IFX	267,971
Nokia	NOA3	218,654
SAP	SAP	125,608
STMicroelectronics	SGM	37,621
Logitech	LOGN	37,594
AtoS	AXI	32,060
TEMENOS AG	TEMN	25,117
ASML Holding	ASM	22,930
Aixtron	AIX	7,956
SAP	SAPE	4,253

Year	Traded Contracts					Market Shar	·e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	7,388,617	11.7%	38,482	40.09%	111,085	41.5%	40.2%	18.3%	34,800	3,577,684	39.81%	60.19%
2022	9,021,954	-34.9%	35,105	46.79%	175,569	39.4%	42.8%	17.7%	42,202	2,339,128	42.83%	57.17%
2021	13,858,578	6.0%	54,135	49.92%	189,519	37.0%	47.5%	15.5%	49,444	3,298,581	59.84%	40.16%
2020	13,075,760	-5.9%	51,277	47.24%	192,258	35.3%	48.0%	16.7%	44,444	2,976,591	57.52%	42.48%
2019	13,899,983	3.2%	54,941	49.23%	175,335	35.2%	52.3%	12.5%	44,301	3,285,042	44.80%	55.20%

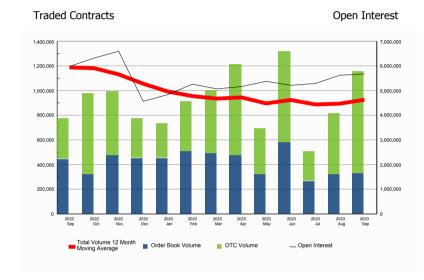


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Telecommunications Components

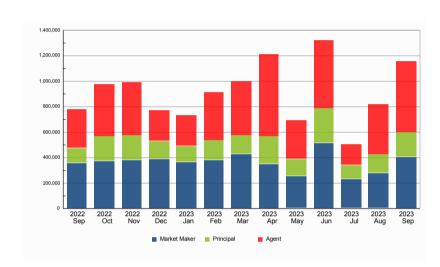
Number of Products 23
Number of Series 10,490
Launched Products per Month 1

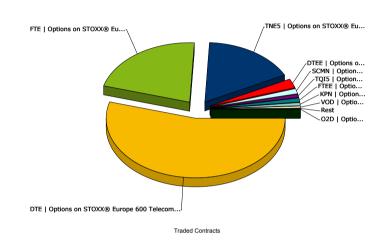
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades			Capital Volume in Mio	Open Interest in	Market Share	ę	
	Total	YoY Change	Daily Average	Orderbook Share		Agent N	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,158,970	48.8%	55,189	28.09%	4,090	48.5%	34.6%	16.9%	1,792	5,675,464	49.03%	50.97%
Aug 2023	818,906	10.9%	35,605	38.94%	5,001	48.2%	34.0%	17.8%	1,551	5,622,159	41.14%	58.86%
Jul 2023	507,871	-46.3%	24,184	51.51%	3,499	32.7%	44.9%	22.4%	846	5,287,187	56.09%	43.91%
Jun 2023	1,323,515	33.9%	60,160	43.77%	9,790	40.2%	39.1%	20.7%	2,056	5,213,408	41.43%	58.57%
May 2023	693,565	-45.7%	31,526	46.62%	4,185	44.4%	36.3%	19.3%	1,161	5,376,876	45.11%	54.89%
Apr 2023	1,215,514	10.9%	67,529	38.90%	7,707	53.1%	28.4%	18.6%	2,342	5,163,253	47.60%	52.40%
Mar 2023	1,003,768	-19.8%	43,642	48.75%	8,350	42.8%	42.5%	14.7%	2,003	5,068,470	46.84%	53.16%
Feb 2023	910,174	-32.8%	45,509	55.67%	7,325	41.2%	41.5%	17.2%	1,638	5,258,933	44.42%	55.58%
Jan 2023	732,636	-50.9%	33,302	61.33%	6,322	33.1%	49.2%	17.7%	1,180	4,837,927	51.60%	48.40%
Dec 2022	774,757	-54.1%	36,893	58.60%	8,302	31.2%	50.5%	18.3%	1,164	4,561,750	38.71%	61.29%
Nov 2022	990,916	-37.6%	45,042	48.25%	10,845	41.5%	38.4%	20.1%	1,718	6,594,390	51.96%	48.04%
Oct 2022	977,420	-7.7%	46,544	32.73%	8,922	42.2%	38.2%	19.6%	1,642	6,318,572	47.54%	52.46%
Sep 2022	778,686	-9.7%	35,395	56.52%	7,599	39.4%	45.4%	15.2%	1,515	5,979,068	38.96%	61.04%

Most Active Products (Traded Contracts)		
Deutsche Telekom	DTE	630,229
Orange	FTE	247,660
Telefonica	TNE5	195,719
Deutsche Telekom	DTEE	26,181
Swisscom	SCMN	15,738
Telecom Italia (ITA exec. type)	TQI5	12,500
Orange	FTEE	11,542
KPN	KPN	11,062
VODAFONE GROUP	VOD	4,569
Telefonica Deutschland O2	O2D	1,774

Year	Traded Contracts				No of Trades	Market Share	9		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average O	rder Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	8,364,919	-15.7%	43,567	44.55%	56,269	43.7%	38.1%	18.2%	14,569	5,675,705	46.41%	53.59%
2022	12,667,373	-18.5%	49,289	43.33%	103,618	43.9%	38.9%	17.2%	21,397	4,561,904	44.80%	55.20%
2021	15,535,687	23.0%	60,686	39.67%	89,922	50.6%	33.6%	15.8%	23,418	4,728,543	52.50%	47.50%
2020	12,629,602	9.1%	49,528	38.92%	91,159	40.8%	37.2%	22.0%	18,938	3,720,830	48.28%	51.72%
2019	11,579,538	-7.9%	45,769	41.35%	85,536	36.8%	42.9%	20.3%	16,693	3,613,772	43.96%	56.04%

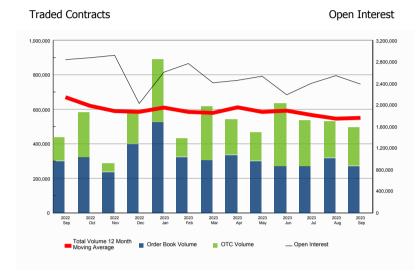


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Travel & Leisure Components

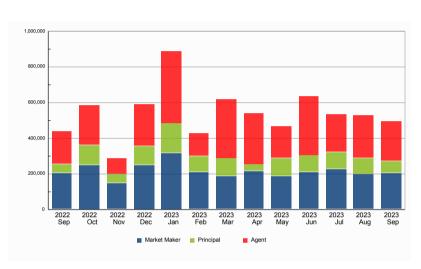
Number of Products 10
Number of Series 6,215
Launched Products per Month 0

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#### **Traded Contracts & Open Interest**

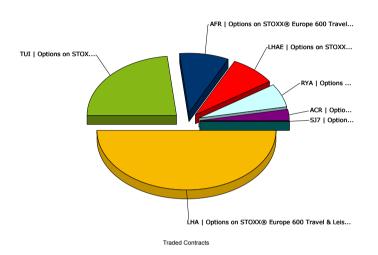


#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Shai	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	493,282	12.1%	23,490	54.41%	4,483	45.4%	40.9%	13.7%	428	2,387,133	41.51%	58.49%
Aug 2023	530,958	-32.5%	23,085	59.24%	4,586	45.4%	37.9%	16.8%	418	2,543,946	30.38%	69.62%
Jul 2023	535,564	-35.7%	25,503	50.65%	3,525	40.0%	42.3%	17.7%	325	2,401,369	42.36%	57.64%
Jun 2023	634,022	16.1%	28,819	42.34%	3,577	51.6%	32.6%	15.8%	462	2,189,877	32.01%	67.99%
May 2023	465,162	-40.9%	21,144	64.48%	4,469	38.6%	40.4%	21.0%	341	2,533,631	44.89%	55.11%
Apr 2023	543,098	247.8%	30,172	61.39%	8,113	52.8%	39.6%	7.5%	396	2,457,224	59.64%	40.36%
Mar 2023	619,122	-9.7%	26,918	48.84%	4,876	53.6%	29.8%	16.5%	404	2,411,479	26.98%	73.02%
Feb 2023	430,740	-41.3%	21,537	75.09%	3,141	30.7%	48.5%	20.8%	206	2,768,955	33.28%	66.72%
Jan 2023	889,933	50.2%	40,452	59.29%	4,618	45.7%	35.3%	18.9%	477	2,606,912	44.19%	55.81%
Dec 2022	589,137	-8.4%	28,054	67.17%	7,082	39.4%	41.9%	18.6%	394	2,026,656	42.49%	57.51%
Nov 2022	289,002	-55.8%	13,136	80.64%	4,656	30.6%	51.7%	17.8%	161	2,921,455	37.62%	62.38%
Oct 2022	583,311	-50.6%	27,777	55.02%	5,477	38.1%	43.0%	18.8%	274	2,875,723	39.12%	60.88%
Sep 2022	440,205	-40.6%	20,009	67.87%	3,784	42.1%	45.7%	12.2%	188	2.841.204	31.77%	68.23%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average (	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	5,141,881	-7.5%	26,781	56.58%	41,388	45.6%	37.9%	16.5%	3,458	2,387,626	39.52%	60.48%
2022	7,021,966	5.6%	27,323	51.61%	60,601	49.6%	35.4%	15.0%	4,039	2,026,820	43.39%	56.61%
2021	6,648,627	32.0%	25,971	54.48%	65,318	47.3%	38.8%	13.9%	5,543	2,821,388	47.66%	52.34%
2020	5,035,157	37.8%	19,746	56.64%	98,553	38.2%	41.1%	20.7%	5,254	1,344,145	40.43%	59.57%
2019	3,653,458	2.0%	14,441	54.71%	61,299	34.1%	50.2%	15.7%	5,955	1,119,244	37.86%	62.14%



Most Active Products (Traded Contracts)		
Lufthansa	LHA	246,600
TUI	TUI	115,752
Air France KLM	AFR	43,765
Deutsche Lufthansa AG	LHAE	40,931
Ryanair	RYA	31,304
Accor	ACR	14,798
Sodexo	SJ7	132

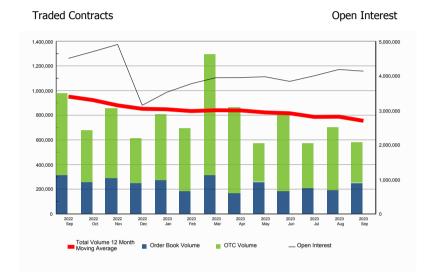


#### Equity Derivatives :: Equity Options :: Options on STOXX® Europe 600 Utilities Components

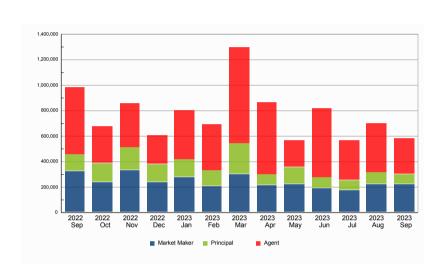
Number of Products 21
Number of Series 13,414
Launched Products per Month 0

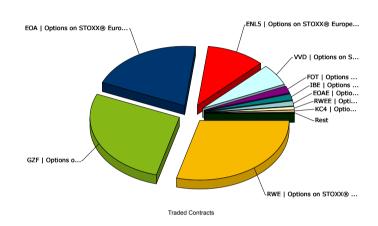
# Volume Development Trend MoM Change ← YTM/YTM prev. Year ← $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



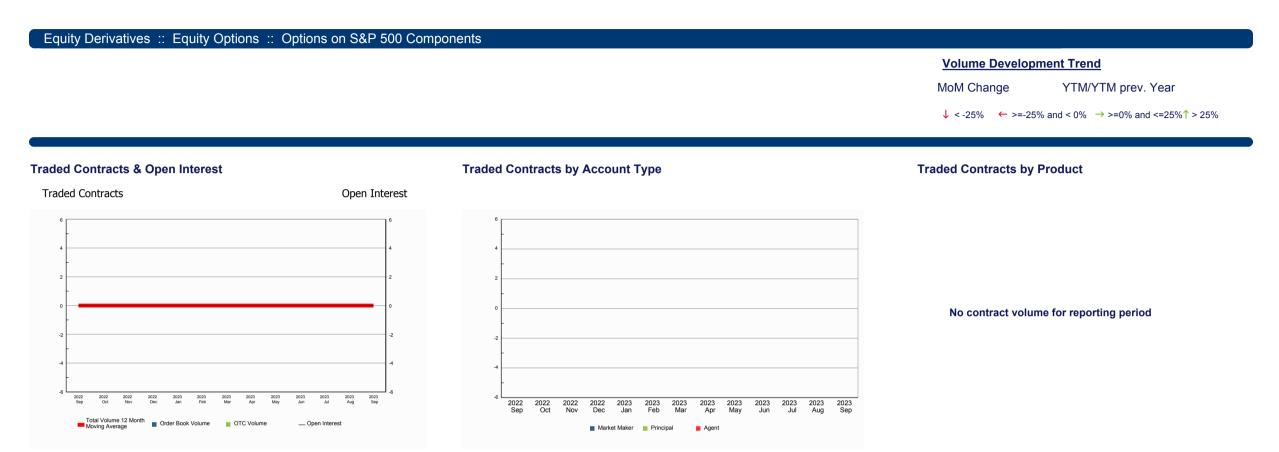


Month	Traded Contracts				No of Trades	Market Share	е		Capital Volume in Mio	Open Interest in	Market Shar	re Te
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	583,376	-40.6%	27,780	42.12%	5,437	48.7%	38.7%	12.6%	1,308	4,133,430	36.54%	63.46%
Aug 2023	701,993	2.8%	30,521	27.78%	5,730	55.1%	31.9%	13.1%	1,409	4,182,757	29.67%	70.33%
Jul 2023	571,588	-38.1%	27,218	36.47%	5,016	55.5%	30.3%	14.2%	1,136	3,999,770	33.11%	66.89%
Jun 2023	819,608	-9.2%	37,255	22.54%	6,475	66.1%	23.3%	10.6%	1,381	3,837,395	27.60%	72.40%
May 2023	569,008	-25.6%	25,864	45.45%	7,039	37.4%	38.6%	24.0%	1,128	3,971,087	40.28%	59.72%
Apr 2023	864,672	-1.9%	48,037	18.85%	4,083	65.3%	24.5%	10.2%	1,379	3,949,492	47.71%	52.29%
Mar 2023	1,295,219	6.6%	56,314	24.27%	8,715	57.8%	23.4%	18.7%	2,215	3,945,099	48.47%	51.53%
Feb 2023	697,200	-19.8%	34,860	26.36%	5,716	52.8%	30.0%	17.2%	1,450	3,771,959	35.87%	64.13%
Jan 2023	805,902	-5.5%	36,632	33.95%	8,793	47.7%	34.7%	17.5%	1,753	3,523,071	44.73%	55.27%
Dec 2022	609,330	-35.5%	29,016	40.86%	9,588	38.0%	38.9%	23.1%	978	3,145,289	55.32%	44.68%
Nov 2022	858,113	-37.4%	39,005	33.51%	8,624	40.5%	39.2%	20.4%	1,474	4,907,765	43.63%	56.37%
Oct 2022	681,018	-33.5%	32,429	37.50%	9,306	43.4%	35.0%	21.6%	1,129	4,701,644	38.89%	61.11%
Sep 2022	981,818	-45.4%	44,628	32.26%	10,094	53.0%	33.5%	13.6%	1,781	4,504,761	46.53%	53.47%

Most Active Products (Traded Contracts)		
RWE	RWE	170,285
GDF Suez	GZF	157,887
E.ON SE	EOA	119,913
Enel (ITA exec. type)	ENL5	63,150
Veolia Environnement	VVD	32,627
Fortum Corporation	FOT	11,478
Iberdrola	IBE	10,508
E.ON	EOAE	8,135
RWE	RWEE	4,548
KONE	KC4	2,839

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	6,908,566	-14.4%	35,982	29.34%	57,004	55.1%	29.5%	15.4%	13,159	4,138,849	39.33%	60.67%
2022	10,223,673	-38.2%	39,781	34.69%	110,741	51.3%	32.9%	15.8%	17,868	3,180,610	45.51%	54.49%
2021	16,555,563	45.0%	64,670	24.77%	114,782	62.9%	23.0%	14.2%	26,537	3,741,203	54.38%	45.62%
2020	11,417,330	18.8%	44,774	29.81%	112,992	49.7%	27.1%	23.2%	19,990	3,201,206	54.90%	45.10%
2019	9,611,658	-30.9%	37,991	37.09%	98,416	41.6%	39.4%	19.0%	13,942	3,446,884	42.12%	57.88%







Agent Market Maker



Equity Derivatives :: Equity Options :: Options on Russian Stocks



# Traded Contracts & Open Interest Traded Contracts by Account Type Traded Contracts by Product No contract volume for reporting period No contract volume for reporting period No contract volume for reporting period Traded Contracts by Products No contract volume for reporting period Traded Contracts by Products No contract volume for reporting period Traded Contracts by Products No contract volume for reporting period Traded Contracts by Products No contract volume for reporting period Traded Contracts by Products No contract volume for reporting period Traded Contracts by Products No contract volume for reporting period Traded Contracts by Products (Traded Contracts)

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	Total	YoY Change	Daily Average	Order Book Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
		-100.0%										
2022	93,554	-84.3%	364	57.44%	800	60.9%	37.8%	1.3%	138	263,757	46.15%	53.85%
2021	597,334	113.8%	2,333	43.49%	1,148	71.2%	21.7%	7.1%	633	227,661	61.02%	38.98%
2020	279,347	143.2%	1,095	34.52%	1,046	54.7%	29.1%	16.2%	286	69,177	43.28%	56.72%
2019	114,873	52.1%	454	38.90%	611	46.5%	26.1%	27.4%	138	35,600	72.69%	27.31%

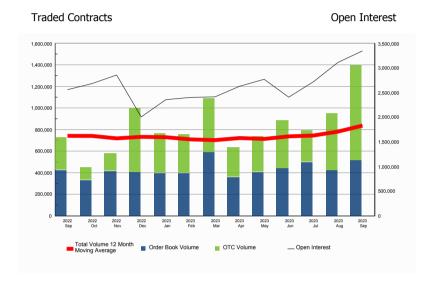


#### Equity Derivatives :: Equity Options :: Options on Other Stocks

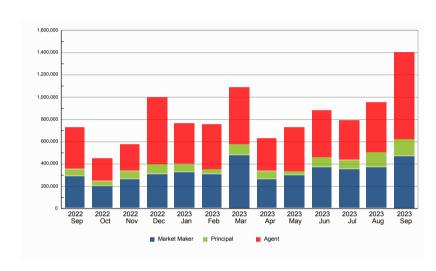
Number of Products 140
Number of Series 73,067
Launched Products per Month 0

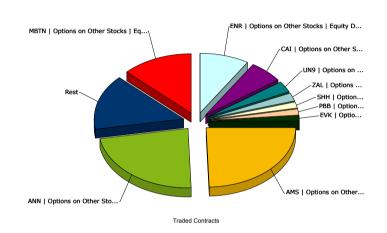
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year → V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Share	P		Capital Volume in Mio	Open Interest in	Market Shar	te
	Total	YoY Change	Daily Average	Orderbook Share		Agent N	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,400,410	91.4%	66,686	37.07%	19,028	55.7%	33.4%	10.9%	2,394	3,345,263	44.52%	55.48%
Aug 2023	952,390	84.3%	41,408	43.97%	19,848	46.5%	39.4%	14.1%	1,894	3,111,339	35.54%	64.46%
Jul 2023	795,571	13.2%	37,884	62.04%	19,883	45.8%	44.2%	9.9%	1,594	2,717,754	36.23%	63.77%
Jun 2023	882,937	48.0%	40,134	49.73%	19,813	48.3%	41.8%	9.9%	1,735	2,407,013	29.08%	70.92%
May 2023	734,514	-11.9%	33,387	55.54%	18,802	53.9%	41.3%	4.9%	1,286	2,769,572	38.60%	61.40%
Apr 2023	634,779	56.9%	35,266	56.25%	15,113	47.7%	41.0%	11.3%	1,384	2,628,115	44.57%	55.43%
Mar 2023	1,087,027	-7.1%	47,262	54.59%	25,067	47.2%	43.7%	9.1%	2,338	2,412,484	36.70%	63.30%
Feb 2023	761,050	-23.9%	38,053	52.21%	16,764	53.4%	40.3%	6.3%	1,322	2,401,843	48.97%	51.03%
Jan 2023	764,000	-5.5%	34,727	51.94%	19,728	47.6%	43.3%	9.1%	1,699	2,356,225	48.12%	51.88%
Dec 2022	1,000,864	20.5%	47,660	40.13%	16,135	60.1%	30.7%	9.2%	1,553	2,006,541	52.65%	47.35%
Nov 2022	576,563	-32.0%	26,207	71.60%	19,489	41.8%	46.4%	11.8%	1,135	2,856,077	39.88%	60.12%
Oct 2022	449,513	-1.4%	21,405	73.28%	17,300	45.8%	44.8%	9.5%	910	2,682,765	34.68%	65.32%
Sep 2022	731,497	-49.8%	33,250	58.25%	19,622	52.1%	39.4%	8.5%	1,870	2,558,174	34.12%	65.88%

Most Active Products (Traded Contracts)		
ams AG Inhaber-Aktien o.N.	AMS	341,534
Dt. Annington Immobilien SE	ANN	320,245
Meyer Burger Technology	MBTN	179,442
Siemens Energy	ENR	124,140
CA Immobilien Anlagen AG	CAI	88,616
UNIQA Insurance Group AG	UN9	40,000
Zalando SE Inhaber-Aktien o.N.	ZAL	34,187
Siemens Healthineers AG	SHH	22,338
Deutsche Pfandbriefbank AG Inhaber-Aktien o.N.	PBB	21,519
Evonik Industries AG	EVK	20,553

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	8,012,678	18.5%	41,733	50.21%	174,046	49.9%	40.4%	9.7%	15,646	3,531,370	40.09%	59.91%
2022	8,789,921	5.4%	34,202	55.19%	220,577	52.5%	38.2%	9.4%	19,662	2,009,451	45.45%	54.55%
2021	8,342,590	71.4%	32,588	46.82%	194,448	50.1%	39.1%	10.9%	24,256	1,884,255	47.40%	52.60%
2020	4,867,395	0.1%	19,088	58.21%	171,502	44.2%	42.0%	13.9%	14,904	1,049,860	50.84%	49.16%
2019	4,864,242	17.3%	19,226	59.33%	153,596	46.6%	42.8%	10.5%	14,612	1,045,205	43.76%	56.24%

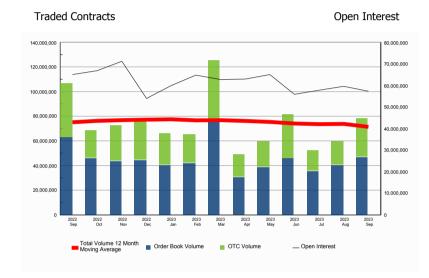


#### Equity Index Derivatives

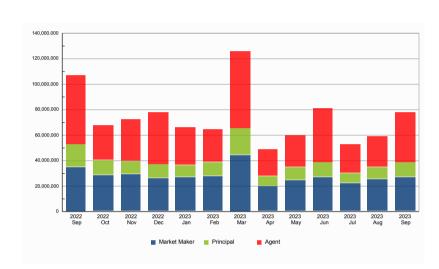
Number of Products385Number of Series76,877Launched Products per Month0

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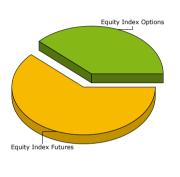
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



#### **Traded Contracts by Product Type**



Traded Contracts

Month	Traded Contracts				No of Trades	Market Shar	e		Capital Volume in Mio	Open Interest in	Market Shar	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
Sep 2023	78,382,529	-26.7%	3,732,501	59.22%	6,620,675	50.2%	34.2%	15.6%	3,614,292	57,293,874	38.01%	61.99%
Aug 2023	59,365,075	4.1%	2,581,090	67.97%	6,658,129	41.4%	43.2%	15.5%	2,884,829	59,581,018	50.59%	49.41%
Jul 2023	52,570,457	-10.7%	2,503,355	67.45%	5,456,929	42.5%	42.4%	15.1%	2,580,723	57,784,973	51.72%	48.28%
Jun 2023	81,508,168	-15.9%	3,704,917	56.80%	6,187,911	52.2%	33.2%	14.6%	3,675,393	55,872,511	37.57%	62.43%
May 2023	59,897,790	-13.7%	2,722,627	64.41%	6,018,197	42.2%	41.4%	16.4%	2,743,271	65,026,884	51.13%	48.87%
Apr 2023	49,047,908	-13.0%	2,724,884	62.68%	4,823,016	42.7%	40.9%	16.4%	2,179,533	62,930,281	53.82%	46.18%
Mar 2023	125,739,413	1.1%	5,466,931	60.99%	11,033,963	48.2%	35.3%	16.5%	4,887,439	62,743,622	39.68%	60.32%
Feb 2023	65,047,285	-13.5%	3,252,364	64.41%	7,117,037	40.6%	42.8%	16.6%	2,998,451	64,769,204	50.67%	49.33%
Jan 2023	66,241,475	5.8%	3,010,976	60.46%	6,957,224	44.9%	40.3%	14.9%	2,855,112	59,920,245	52.89%	47.11%
Dec 2022	77,725,772	6.8%	3,701,227	57.25%	6,673,733	52.0%	33.8%	14.2%	3,216,739	53,961,356	34.48%	65.52%
Nov 2022	72,888,298	10.3%	3,313,104	59.50%	7,589,103	45.2%	40.3%	14.5%	3,054,503	71,195,729	54.15%	45.85%
Oct 2022	68,223,484	24.8%	3,248,737	67.32%	8,861,012	41.1%	41.6%	17.3%	2,709,830	66,836,467	49.33%	50.67%
Sep 2022	106,888,483	30.1%	4,858,567	58.83%	10,009,952	50.7%	32.9%	16.4%	4,025,458	65,031,859	37.57%	62.43%

Most Active Products (Traded Conf	racts)		
EURO STOXX 50® Index Futures	Future	FESX	25,453,808
EURO STOXX 50® Index Options	Option	OESX	21,269,024
EURO STOXX® Banks Futures	Future	FESB	6,500,184
STOXX® Europe 600	Future	FXXP	3,325,147
EURO STOXX® Banks Options	Option	OESB	2,688,544
DAX® Options	Option	ODAX	1,622,485
DAX® Futures	Future	FDAX	1,552,077
KOSPI 200	Option	OKS2	1,420,757
SMI® Futures	Future	FSMI	1,051,839
Mini-DAX Futures	Future	FDXM	1,023,490

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
2023	637,800,100	-9.9%	3,321,876	62.17%	60,873,081	45.8%	38.5%	15.8%	28,419,042	57,686,902	45.87%	54.13%
2022	926,526,748	21.3%	3,605,162	61.56%	104,256,893	46.9%	37.5%	15.6%	37,140,171	54,017,682	44.54%	55.46%
2021	763,587,671	-25.1%	2,982,764	59.60%	73,582,753	44.0%	39.8%	16.2%	32,811,209	51,332,114	46.52%	53.48%
2020	1,019,059,736	10.8%	3,996,313	64.03%	99,141,341	37.8%	42.7%	19.5%	36,971,209	53,847,270	43.31%	56.69%
2019	920,074,621	0.4%	3,636,659	61.16%	72,300,278	38.4%	41.3%	20.3%	36,421,794	53,648,340	46.91%	53.09%

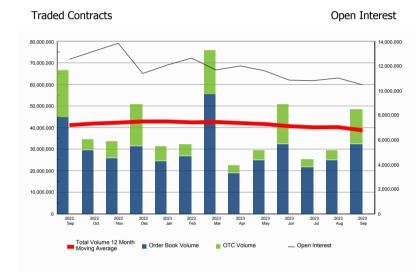


#### Equity Index Derivatives :: Equity Index Futures

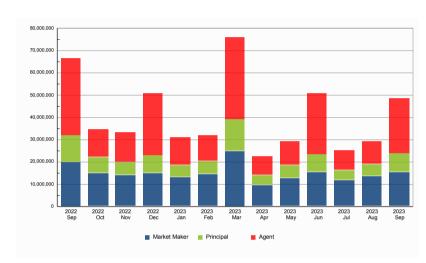
Number of Products270Number of Series4,503Launched Products per Month0

# YoY Change YTM/YTM prev. Year V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



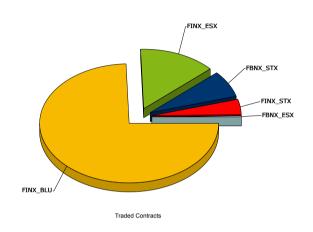
#### **Traded Contracts by Account Type**



Month	Traded Contracts Total	YoY Change	Daily Average	Orderbook Share	No of Trades	Market Shar	e Market Maker	Principal	Capital Volume in Mio EUR	Open Interest in Contracts	Market Share Calls	Puts
Sep 2023	48,586,801	-27.2%	2,313,657	66.56%	5,401,617	51.1%	32.1%	16.7%	2,375,905	10,465,558		
Aug 2023	29,331,354	3.2%	1,275,276	83.99%	5,031,162	35.2%	46.8%	18.0%	1,597,799	11,019,985		
Jul 2023	25,379,878	-20.0%	1,208,566	84.32%	4,114,024	36.0%	45.8%	18.2%	1,420,013	10,811,524		
Jun 2023	50,882,715	-18.6%	2,312,851	63.72%	4,903,980	54.2%	30.1%	15.6%	2,434,870	10,846,324		
May 2023	29,270,180	-16.7%	1,330,463	84.33%	4,764,265	36.5%	44.0%	19.5%	1,558,257	11,600,911		
Apr 2023	22,651,522	-20.4%	1,258,418	83.19%	3,724,012	37.6%	42.9%	19.6%	1,160,517	11,998,765		
Mar 2023	75,840,897	2.7%	3,297,430	73.13%	9,242,018	48.5%	32.9%	18.6%	3,218,488	11,676,136		
Feb 2023	32,087,840	-13.7%	1,604,392	83.31%	5,597,606	36.0%	44.8%	19.2%	1,724,499	12,630,202		
Jan 2023	31,203,248	0.6%	1,418,329	77.66%	5,313,729	40.7%	42.1%	17.2%	1,549,067	12,069,849		
Dec 2022	50,928,545	14.7%	2,425,169	61.59%	5,235,778	54.8%	29.7%	15.5%	2,233,842	11,385,215		
Nov 2022	33,421,590	17.1%	1,519,163	76.75%	5,742,153	41.0%	42.0%	16.9%	1,617,516	13,837,137		
Oct 2022	34,566,697	35.2%	1,646,033	84.79%	6,981,985	36.5%	43.2%	20.4%	1,549,112	13,193,850		
Sep 2022	66,734,216	32.7%	3,033,373	67.12%	8,048,922	51.9%	29.9%	18.1%	2,666,024	12,539,155		

Year	Traded Contracts				No of Trades	Market Share	e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average O	rder Book Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	345,234,435	-12.6%	1,798,096	75.53%	48,092,413	44.1%	38.1%	17.9%	17,039,414	10,476,216		
2022	513,859,611	25.8%	1,999,454	74.61%	85,332,639	45.9%	36.1%	18.1%	22,735,875	11,423,188		
2021	408,351,654	-29.3%	1,595,124	74.42%	63,118,387	44.2%	37.0%	18.9%	20,050,380	9,186,944		
2020	577,663,382	18.3%	2,265,347	79.92%	84,645,662	37.9%	40.5%	21.6%	23,291,745	9,474,641		
2019	488,498,763	-1.7%	1,930,825	74.06%	58,089,112	38.2%	39.1%	22.6%	22,180,915	10,055,245		

#### **Traded Contracts by Product Class**



Most Active Products (Traded Contracts)		
EURO STOXX 50® Index Futures	FESX	25,453,808
EURO STOXX® Banks Futures	FESB	6,500,184
STOXX® Europe 600	FXXP	3,325,147
DAX® Futures	FDAX	1,552,077
SMI® Futures	FSMI	1,051,839
Mini-DAX Futures	FDXM	1,023,490
MSCI Emerging Markets Asia	FMEA	948,934
TRF ON EUROSTOXX50	TESX	598,901
Micro-DAX Futures	FDXS	498,873
MSCI World	FMWN	487,214

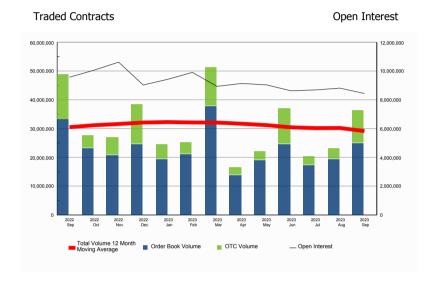


#### Equity Index Derivatives :: Equity Index Futures :: Equity Index Futures

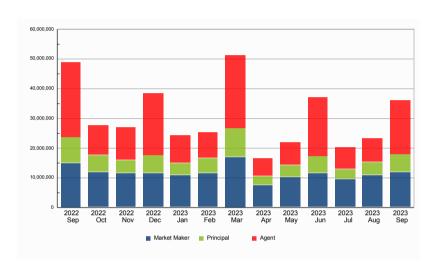
Number of Products213Number of Series4,307Launched Products per Month0

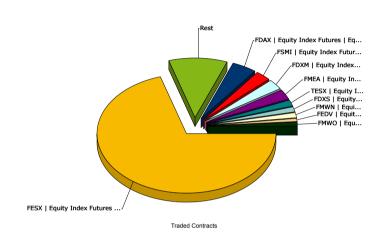
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



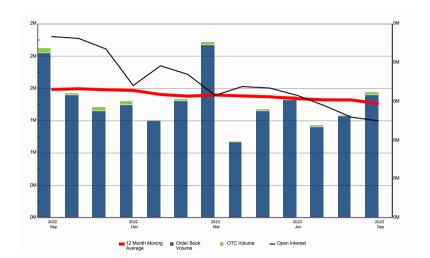


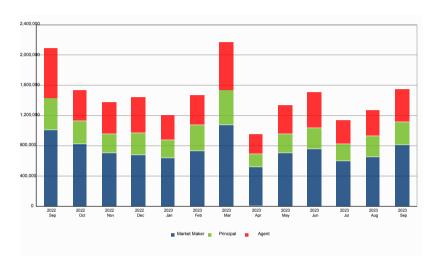
Month	Traded Contracts				No of Trades	Market Shai	·e		Capital Volume in Mio	Open Interest in	Market Share	,
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	36,214,661	-26.2%	1,724,508	68.75%	4,683,383	50.6%	32.6%	16.7%	2,217,676	8,435,103		
Aug 2023	23,311,613	2.5%	1,013,548	83.45%	4,453,723	35.2%	47.4%	17.4%	1,523,300	8,811,000		
Jul 2023	20,231,147	-14.9%	963,388	84.48%	3,632,812	36.0%	46.6%	17.4%	1,357,108	8,683,652		
Jun 2023	37,056,663	-19.5%	1,684,394	66.02%	4,277,611	53.0%	30.9%	16.1%	2,270,918	8,631,152		
May 2023	22,031,458	-21.0%	1,001,430	85.47%	4,175,490	35.1%	45.9%	19.0%	1,486,450	9,042,938		
Apr 2023	16,537,453	-22.4%	918,747	83.71%	3,252,916	36.0%	45.1%	18.9%	1,103,516	9,133,883		
Mar 2023	51,242,203	-0.9%	2,227,922	73.87%	7,639,462	48.0%	33.1%	18.9%	2,995,768	8,934,252		
Feb 2023	25,226,369	-5.9%	1,261,318	83.93%	4,956,043	34.6%	46.5%	18.9%	1,650,507	9,904,619		
Jan 2023	24,434,147	7.9%	1,110,643	78.65%	4,697,337	39.2%	43.9%	16.9%	1,480,783	9,424,943		
Dec 2022	38,564,348	19.0%	1,836,398	63.95%	4,651,923	54.2%	30.2%	15.5%	2,096,975	9,026,275		
Nov 2022	26,995,604	23.9%	1,227,073	76.66%	5,133,956	40.9%	42.5%	16.6%	1,550,277	10,617,849		
Oct 2022	27,637,600	40.9%	1,316,076	83.81%	6,242,902	36.6%	43.5%	20.0%	1,485,748	10,060,383		
Sep 2022	49,056,827	34.1%	2,229,856	67.79%	7,068,783	51.6%	30.2%	18.3%	2,500,021	9,570,892		

Most Active Products (Traded Contracts)		
EURO STOXX 50® Index Futures	FESX	25,453,808
DAX® Futures	FDAX	1,552,077
SMI® Futures	FSMI	1,051,839
Mini-DAX Futures	FDXM	1,023,490
MSCI Emerging Markets Asia	FMEA	948,934
TRF ON EUROSTOXX50	TESX	598,901
Micro-DAX Futures	FDXS	498,873
MSCI World	<b>FMWN</b>	487,214
EURO STOXX® Select Dividend 30 Index Futures	FEDV	395,173
MSCI World	FMWO	354,424

Year	Traded Contracts				No of Trades	Market Shar	re e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	256,285,714	-12.2%	1,334,821	76.80%	41,768,777	42.9%	39.3%	17.7%	16,086,027	8,444,990		
2022	385,174,707	28.2%	1,498,734	75.34%	75,636,848	45.2%	36.6%	18.2%	21,474,521	9,064,111		
2021	300,452,746	-32.2%	1,173,644	76.01%	55,758,247	43.2%	38.4%	18.4%	18,953,106	6,584,724		
2020	443,370,513	19.5%	1,738,708	81.29%	76,607,055	37.0%	42.0%	21.0%	22,310,000	6,710,075		
2019	370,912,872	-4.7%	1,466,059	75.73%	52,689,727	37.2%	40.9%	21.9%	21,160,310	6,818,561		

#### Equity Index Derivatives :: Equity Index Futures :: Equity Index Futures :: DAX® Futures

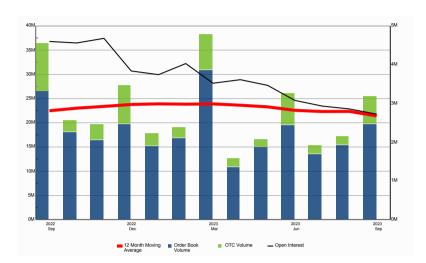


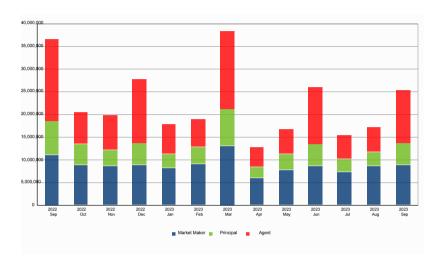


Month	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,552,077	-25.9%	73,908	97.99%	1,019,822	28.4%	52.1%	19.5%	610,547	49,945		
Aug 2023	1,270,130	-1.2%	55,223	98.84%	921,193	27.4%	51.0%	21.5%	504,393	51,863		
Jul 2023	1,142,274	-13.8%	54,394	98.54%	817,042	28.2%	52.6%	19.2%	461,048	57,866		
Jun 2023	1,502,667	-15.4%	68,303	97.21%	962,030	31.4%	50.0%	18.5%	606,582	63,174		
May 2023	1,338,171	-8.7%	60,826	98.68%	956,574	29.0%	52.6%	18.3%	534,348	66,885		
Apr 2023	950,933	-12.5%	52,830	98.38%	695,690	27.3%	53.9%	18.8%	377,941	67,653		
Mar 2023	2,170,429	8.3%	94,366	98.23%	1,524,659	29.4%	49.3%	21.3%	827,986	63,143		
Feb 2023	1,462,146	-14.2%	73,107	98.44%	1,057,284	26.3%	50.2%	23.5%	564,428	73,958		
Jan 2023	1,210,020	-33.4%	55,001	98.40%	891,056	27.9%	52.1%	20.0%	452,384	78,368		
Dec 2022	1,440,295	-5.8%	68,585	96.47%	944,233	33.4%	47.3%	19.4%	513,340	68,185		
Nov 2022	1,371,896	-10.4%	62,359	95.73%	1,015,001	30.3%	51.1%	18.7%	481,881	87,054		
Oct 2022	1,540,434	7.7%	73,354	98.62%	1,194,655	26.8%	53.3%	19.9%	488,015	92,496		
Sep 2022	2.093.954	9.6%	95,180	97.31%	1.423.798	32.0%	48.2%	19.7%	667.186	93,451		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	12,598,847	-13.5%	65,619	98.27%	8,845,350	28.5%	51.3%	20.2%	4,939,656	49,945		
2022	18,911,803	0.0%	73,587	97.78%	13,869,958	28.9%	50.1%	21.0%	6,555,530	68,185		
2021	16,937,445	0.0%	66,162	98.36%	11,981,327	29.7%	48.1%	22.2%	6,440,912	57,549		
2020	25,039,383	0.0%	98,194	98.30%	19,706,678	28.9%	41.3%	29.8%	7,613,409	53,576		
2019	27,798,116	0.0%	109,874	97.86%	20,463,115	32.5%	43.4%	24.1%	8,400,655	83,965		

#### Equity Index Derivatives :: Equity Index Futures :: Equity Index Futures :: EURO STOXX 50® Index Futures

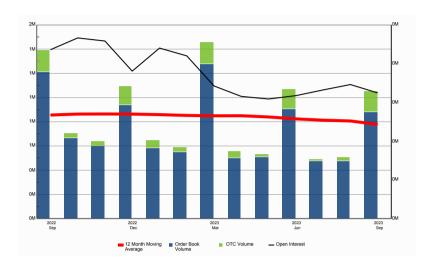


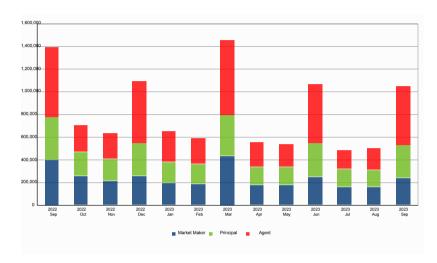


Month	Traded Contracts				No of Trades	Market Share	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	25,453,808	-30.3%	1,212,086	77.22%	1,940,375	46.6%	34.6%	18.8%	1,081,787	2,723,258		
Aug 2023	17,311,304	1.6%	752,665	88.50%	1,771,396	32.2%	49.4%	18.4%	746,551	2,856,865		
Jul 2023	15,358,844	-15.9%	731,374	88.57%	1,398,957	34.4%	47.6%	18.1%	672,951	2,931,274		
Jun 2023	26,040,444	-24.9%	1,183,657	75.27%	1,740,248	48.5%	33.2%	18.3%	1,132,603	3,077,337		
May 2023	16,698,358	-19.7%	759,016	89.49%	1,667,648	32.8%	46.9%	20.3%	718,572	3,465,938		
Apr 2023	12,730,632	-20.3%	707,257	85.75%	1,318,297	34.2%	46.1%	19.7%	548,267	3,611,787		
Mar 2023	38,256,616	1.8%	1,663,331	80.70%	3,647,681	44.9%	33.8%	21.3%	1,582,267	3,520,565		
Feb 2023	19,074,075	-4.0%	953,704	87.90%	2,004,353	32.4%	47.8%	19.7%	809,531	4,027,466		
Jan 2023	17,913,698	9.3%	814,259	84.26%	1,918,926	36.8%	45.1%	18.1%	734,660	3,741,489		
Dec 2022	27,859,238	20.9%	1,326,630	70.84%	1,988,484	50.8%	31.9%	17.3%	1,091,687	3,836,722		
Nov 2022	19,786,095	28.3%	899,368	82.69%	2,170,116	38.1%	43.9%	18.0%	759,086	4,678,012		
Oct 2022	20,617,642	45.5%	981,792	87.75%	2,703,012	34.6%	43.4%	22.0%	712,925	4,558,656		
Sep 2022	36,534,101	41.7%	1,660,641	72.59%	3,094,456	49.5%	30.0%	20.6%	1,278,476	4,598,199		

Year	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent N	Narket Maker	Principal	EUR	Contracts	Calls	Puts
2022	285,374,104	0.0%	1,110,405	80.22%	36,313,495	43.4%	36.6%	20.0%	10,594,955	3,836,722		
2021	223,870,918	0.0%	874,496	80.54%	25,524,859	40.9%	39.6%	19.5%	8,937,058	2,677,946		
2020	352,195,151	0.0%	1,381,157	85.14%	35,464,499	35.2%	43.4%	21.4%	11,170,573	2,917,794		
2019	292,360,338	0.0%	1,155,574	77.57%	18,296,471	35.4%	42.3%	22.3%	9,992,267	3,392,722		

#### Equity Index Derivatives :: Equity Index Futures :: Equity Index Futures :: SMI® Futures

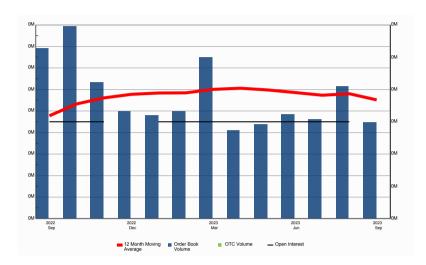


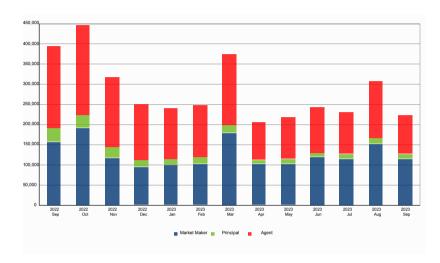


Month	Traded Contracts				No of Trades	Market Share	Э		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,051,839	-24.4%	50,088	83.41%	385,821	49.6%	22.6%	27.8%	121,075	129,797		
Aug 2023	504,127	-13.6%	21,919	94.15%	328,188	37.8%	31.6%	30.5%	58,090	138,423		
Jul 2023	489,538	-20.7%	23,311	96.61%	316,717	35.6%	32.0%	32.4%	56,475	132,865		
Jun 2023	1,069,479	-15.1%	48,613	84.29%	385,746	49.0%	23.2%	27.8%	124,087	126,979		
May 2023	535,575	-18.6%	24,344	94.46%	318,993	36.9%	33.5%	29.7%	62,910	123,504		
Apr 2023	554,276	1.2%	30,793	90.43%	326,055	39.4%	32.5%	28.1%	63,405	126,189		
Mar 2023	1,457,834	-2.4%	63,384	87.29%	598,110	45.6%	29.8%	24.6%	157,890	136,953		
Feb 2023	588,802	-12.0%	29,440	93.73%	383,960	37.8%	31.4%	30.8%	66,166	168,023		
Jan 2023	650,247	-7.5%	29,557	88.94%	394,942	41.6%	29.4%	29.0%	72,971	176,050		
Dec 2022	1,094,439	-0.9%	52,116	85.27%	389,684	49.9%	23.5%	26.6%	121,828	152,276		
Nov 2022	636,740	1.2%	28,943	94.43%	409,214	36.4%	33.9%	29.7%	71,046	183,326		
Oct 2022	707,688	15.8%	33,699	94.00%	466,846	34.0%	36.2%	29.8%	75,768	186,540		
Sep 2022	1,391,381	21.4%	63,245	86.75%	593,910	44.3%	28.6%	27.1%	153,992	174,355		

Year	Traded Contracts				No of Trades	Market Share	;		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent 1	Market Maker	Principal	EUR	Contracts	Calls	Puts
2022	10,362,584	0.0%	40,321	89.87%	5,573,208	40.7%	31.5%	27.8%	1,158,770	152,276		
2021	9,716,056	0.0%	37,953	91.55%	4,843,525	38.4%	30.1%	31.5%	1,044,223	144,500		
2020	13,449,542	0.0%	52,743	93.68%	6,960,333	33.9%	29.0%	37.1%	1,246,124	145,711		
2019	12,482,456	0.0%	49,338	89.84%	5,504,235	35.4%	25.0%	39.6%	1,094,440	181,592		

Equity Index Derivatives :: Equity Index Futures :: Equity Index Futures :: Eurex Daily Futures on KOSPI 200 Futures

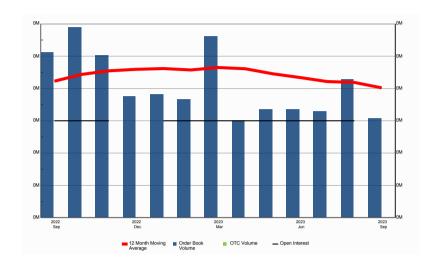


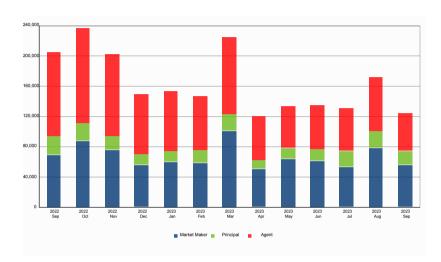


Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	224,363	-43.2%	10,684	100.00%	127,372	43.8%	51.1%	5.1%	13,292			
Aug 2023	308,186	15.4%	13,399	100.00%	174,675	45.7%	48.8%	5.5%	18,010	0		
Jul 2023	230,354	-24.7%	10,969	100.00%	122,809	45.1%	49.8%	5.1%	13,903	0		
Jun 2023	243,622	-22.8%	11,074	100.00%	138,506	46.8%	48.6%	4.5%	14,891	0		
May 2023	219,312	-17.9%	9,969	100.00%	127,787	48.2%	46.9%	4.9%	12,604	0		
Apr 2023	206,265	18.3%	11,459	100.00%	123,276	46.3%	49.0%	4.8%	11,708	0		
Mar 2023	375,590	34.8%	16,330	100.00%	235,237	47.0%	47.8%	5.2%	21,090	0		
Feb 2023	248,873	1.7%	12,444	100.00%	160,135	52.4%	40.5%	7.0%	14,645	0		
Jan 2023	240,677	18.4%	10,940	100.00%	154,513	52.2%	41.0%	6.8%	13,948	0		
Dec 2022	249,892	65.7%	11,900	100.00%	162,866	55.6%	38.0%	6.4%	13,969			
Nov 2022	316,637	112.8%	14,393	100.00%	202,266	54.9%	36.9%	8.3%	17,931	0		
Oct 2022	446,546	284.5%	21,264	100.00%	276,967	50.1%	42.6%	7.3%	23,136	0		
Sep 2022	395,240	221.9%	17,965	100.00%	242,765	51.5%	39.7%	8.7%	21,614	0		

Year	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Share		
	Total	YoY Change	Daily Average O	order Book Share		Agent M	arket Maker	Principal	EUR	Contracts	Calls	Puts	
2022	3,464,692	0.0%	13,481	100.00%	2,265,109	54.8%	37.4%	7.8%	207,506	0			
2021	962,343	0.0%	3,759	100.00%	649,114	66.0%	32.2%	1.8%	72,319	0			

Equity Index Derivatives :: Equity Index Futures :: Equity Index Futures :: Eurex Daily Futures on Mini KOSPI 200 Futures

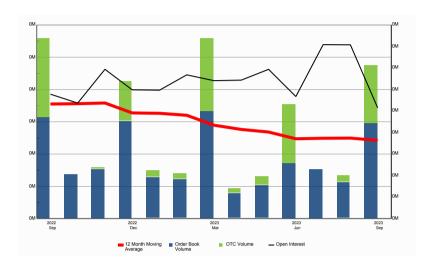


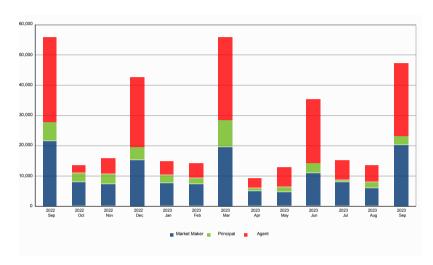


Month	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	123,790	-39.5%	5,895	100.00%	63,221	40.2%	44.5%	15.2%	1,460			
Aug 2023	171,678	-7.1%	7,464	100.00%	97,461	41.5%	45.3%	13.2%	2,004	0		
Jul 2023	131,274	-31.5%	6,251	100.00%	72,987	43.4%	40.8%	15.8%	1,576	0		
Jun 2023	134,877	-29.1%	6,131	100.00%	81,171	42.9%	45.6%	11.5%	1,641	0		
May 2023	134,185	-35.6%	6,099	100.00%	83,264	41.8%	47.1%	11.1%	1,543	0		
Apr 2023	121,029	-13.5%	6,724	100.00%	83,605	48.6%	41.3%	10.2%	1,371	0		
Mar 2023	225,330	19.3%	9,797	100.00%	159,336	45.6%	44.7%	9.6%	2,520	0		
Feb 2023	146,334	-12.4%	7,317	100.00%	99,916	48.1%	39.9%	12.0%	1,723	0		
Jan 2023	152,992	7.9%	6,954	100.00%	103,502	51.2%	38.9%	9.9%	1,769	0		
Dec 2022	149,920	17.5%	7,139	100.00%	100,767	53.1%	37.4%	9.5%	1,669			
Nov 2022	201,785	35.8%	9,172	100.00%	132,070	53.4%	37.7%	8.9%	2,286	0		
Oct 2022	236,095	74.3%	11,243	100.00%	151,709	53.0%	36.9%	10.1%	2,442	0		
Sep 2022	204.510	73.5%	9.296	100.00%	138.232	53.8%	33.7%	12.5%	2,235	0		

Year Trade	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent N	Market Maker	Principal	EUR	Contracts	Calls	Puts
2022	2.204.737	0.0%	8.579	100.00%	1.484.776	55.8%	35.8%	8.5%	26.688	0		
2022	1,636,064	0.0%	6,391	100.00%	1,007,757	68.0%	27.9%	4.1%	24,941	0		
2020	937,059	0.0%	3,675	100.00%	516,316	82.6%	15.7%	1.7%	10,707	0		
2019	79,748	0.0%	315	100.00%	55,022	55.6%	44.4%	0.0%	838	0		

#### Equity Index Derivatives :: Equity Index Futures :: Equity Index Futures :: STOXX® Europe 50 Index Futures





Month	Traded Contracts				No of Trades	Market Share	ę		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	47,432	-15.1%	2,259	62.15%	4,703	51.5%	42.4%	6.2%	1,888	10,294		
Aug 2023	13,492	4.5%	587	84.06%	3,487	41.2%	45.5%	13.3%	535	16,148		
Jul 2023	15,331	14.5%	730	100.00%	4,156	43.3%	51.0%	5.6%	606	16,163		
Jun 2023	35,301	-41.5%	1,605	48.81%	2,885	59.5%	30.6%	9.8%	1,414	11,346		
May 2023	12,993	-42.4%	591	78.83%	3,394	50.2%	35.1%	14.7%	522	13,871		
Apr 2023	9,387	-62.7%	522	84.02%	2,382	36.6%	52.2%	11.2%	376	12,871		
Mar 2023	55,823	-39.8%	2,427	59.59%	5,059	49.1%	35.2%	15.6%	2,118	12,816		
Feb 2023	14,085	-34.3%	704	87.33%	4,294	33.8%	51.3%	14.9%	548	13,359		
Jan 2023	14,877	-8.5%	676	86.27%	5,133	32.0%	51.0%	17.0%	570	11,936		
Dec 2022	42,647	-46.4%	2,031	71.03%	3,587	54.1%	35.7%	10.2%	1,610	11,968		
Nov 2022	16,013	20.0%	728	96.40%	5,657	32.7%	45.8%	21.5%	585	13,874		
Oct 2022	13,623	8.9%	649	100.00%	5,357	20.8%	58.6%	20.6%	467	10,739		
Sep 2022	55,843	1.2%	2,538	56.48%	5,724	50.2%	38.5%	11.3%	1,956	11,564		

Year	Traded Contracts				No of Trades	Market Share	;		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average O	rder Book Share		Agent M	Market Maker	Principal	EUR	Contracts	Calls	Puts
2022	392,903	0.0%	1,529	70.57%	61.190	44.3%	46.7%	9.1%	14.023	11.968		
2021	341,056	0.0%	1,332	62.94%	37,857	53.4%	39.8%	6.8%	11,945	17,249		
2020	577,573	0.0%	2,265	76.56%	128,665	44.8%	43.7%	11.5%	16,707	10,351		
2019	509,092	0.0%	2,012	78.43%	111,619	41.4%	43.0%	15.7%	16,012	15,339		



#### Equity Index Derivatives :: Equity Index Futures :: EURO STOXX® Sector Index Futures

Daily Average Orderbook Share

60.59%

82.44%

86.49%

60.67%

80.79%

84.30%

74.66%

82.15%

74.39%

54.77%

74.05%

88.84%

68.71%

305,799

439,557

316,481

154,063

142,777

366,386

231,182

250,702

794,393

238,584

210,071

345,888

184,432

210,712

523,943

23

69

0

Number of Products Number of Series Launched Products per Month

#### **Volume Development Trend** MoM Change 1 YTM/YTM prev. Year $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

Sep 2023

Aug 2023

Jul 2023

Jun 2023

May 2023

Apr 2023

Mar 2023

Feb 2023

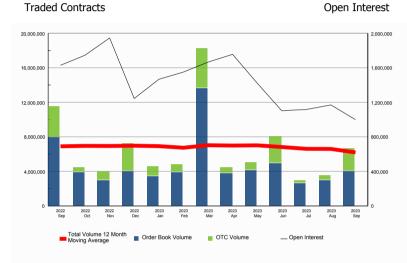
Jan 2023

Dec 2022

Nov 2022

Oct 2022

Sep 2022



YoY Change

-42.3%

-3.5%

-45.9%

-22.5%

6.1%

-8.6%

23.5%

-31.5%

-12.3%

6.0%

-3.6%

16.2%

39.2%

6,646,104

3,543,448

2,998,322

8,060,500

5,086,005

4,512,643

18,271,050

4,771,688

4,621,559

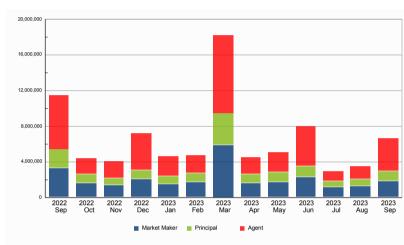
7,263,647

4,057,514

4,424,959

11,526,750

#### **Traded Contracts by Account Type**



		2022 2023 Sep Od			023 2023 Jan Feb	2023 Mar	2023 Apr	2023 May	2023 Jun	2023 Jul	2023 Aug	2023 Sep	
				Market M	aker Princ	cipal	Agent						
o of Trades	Market Sha	ire			Capital \	/olume ir	n Mio	Open Ir		ı	Marke	t Share	
	Agent	Market Mak	ter Pr	rincipal	EUR			Contrac	ts		Ca	alls	Puts
260,480	55.3%	28.0	% 1	6.7%		38,30	8	(	99,03	30			
222,072	41.6%	36.89	% 2	1.7%		20,21	0	1,1	69,42	22			
196,117	37.7%	38.7	% 2	3.6%		17,01	4	1,1	16,95	53			
276,485	56.4%	28.2	% 1	5.4%		43,55	7	1,1	02,65	54			
280,471	43.7%	34.2	% 2	2.1%		26,24	.9	1,4	122,70	)2			
241,759	42.0%	34.5	% 2	3.5%		23,73	5	1,7	756,08	30			
962,890	48.3%	32.5	% 1	9.3%		95,96	4	1,6	65,34	16			
306,645	42.1%	36.9	% 2	0.9%		28,11	2	1,5	550,56	67			
285,061	48.6%	32.4	% 1	9.0%		24,99	5	1,4	166,37	75			
237,551	57.4%	27.89	% 1	4.8%		36,18	8	1,2	244,13	35			
233,918	46.8%	35.1°	% 1	8.2%		19,55	6	1,9	945,99	95			

19,139

50,561

1,745,957

1,628,787

Year	Traded Contracts				No of Trades	Market Share	•		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	58,511,319	-13.8%	304,746	74.08%	3,031,980	47.9%	32.6%	19.5%	318,143	999,475		
2022	83,644,429	22.9%	325,465	73.34%	4,233,946	50.3%	32.2%	17.5%	385,518	1,244,272		
2021	68,085,862	-27.7%	265,960	71.54%	2,842,202	47.6%	30.4%	22.0%	328,265	1,560,575		
2020	94,127,482	13.2%	369,127	75.76%	2,676,128	41.1%	33.7%	25.2%	334,978	1,674,500		
2019	83,175,525	10.9%	328,757	68.93%	2,156,288	41.9%	31.2%	27.0%	398,974	2,258,686		

40.6%

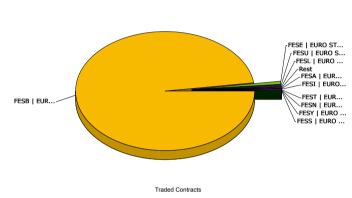
53.1%

37.1%

28.5%

22.3%

18.4%



Most Active Products (Traded Contracts)		
EURO STOXX® Banks Futures	FESB	6,500,184
EURO STOXX® Oil & Gas Futures	FESE	45,238
EURO STOXX® Utilities Futures	FESU	43,601
EURO STOXX® Real Estate Futures	FESL	20,719
EURO STOXX® Automobiles & Parts Futures	FESA	6,554
EURO STOXX® Insurance Futures	FESI	6,209
EURO STOXX® Telecommunications Futures	FEST	6,034
EURO STOXX® Construction & Materials Futures	FESN	3,695
EURO STOXX® Technology Futures	FESY	3,602
EURO STOXX® Basic Resources Futures	FESS	2,649



#### Equity Index Derivatives :: Equity Index Futures :: STOXX® Europe 600 Sector Index Futures

23

69

0

Number of Products Number of Series Launched Products per Month

#### **Volume Development Trend** MoM Change 1 YTM/YTM prev. Year $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

2,705,177

Sep 2023

Aug 2023

Jul 2023

Jun 2023

May 2023 Apr 2023

Mar 2023

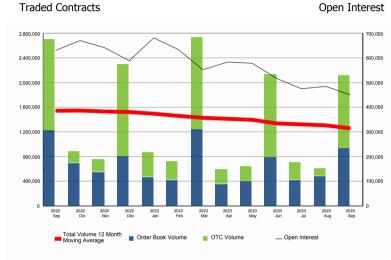
Feb 2023 Jan 2023

Dec 2022

Nov 2022

Oct 2022

Sep 2022

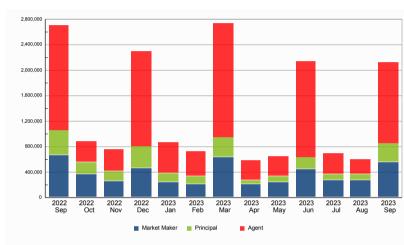


122,963

-2.4%

45.05%

#### **Traded Contracts by Account Type**



Average Orde	r Book Volume C	TC Volume	_ Open Interest		■ Market Maker ■ Principal ■ Agent							
Fraded Contracts	V V 01	D. 11. A		No of Trades	Market Sha		5: : 1	Capital Volume in Mio EUR	Open Interest in Contracts	Market Share		
Total 2,123,053	YoY Change	Daily Average 101,098	Orderbook Share 43.68%	174,377	Agent 59.5%	Market Maker 26.0%	Principal 14.5%	38,843	449,700	Calls	Puts	
	-21.5%	,		*				•	•			
603,007	-23.9%	26,218	80.17%	124,579	38.0%	45.2%	16.7%	11,561	484,477			
702,584	-21.0%	33,456	58.84%	113,007	47.4%	38.2%	14.3%	12,579	475,076			
2,143,460	-24.8%	97,430	36.52%	123,689	70.5%	20.6%	8.8%	38,061	516,748			
642,654	-23.0%	29,212	61.87%	105,115	48.6%	37.7%	13.7%	10,901	578,278			
593,852	-24.3%	32,992	57.71%	83,455	54.3%	34.2%	11.5%	10,262	583,347			
2,733,709	-12.1%	118,857	45.40%	241,554	65.4%	23.2%	11.3%	47,983	552,043			
725,854	-37.1%	36,293	57.47%	130,466	54.3%	28.6%	17.1%	14,672	634,117			
870,842	-27.1%	39,584	53.80%	148,862	56.4%	28.6%	15.0%	14,873	681,354			
2,304,853	-4.4%	109,755	34.71%	137,136	65.1%	19.8%	15.0%	40,803	588,922			
761,302	-19.5%	34,605	70.63%	159,821	46.5%	33.7%	19.8%	13,413	641,554			
883,555	4.6%	42,074	78.04%	189,763	37.5%	41.8%	20.7%	12,189	670,343			

24.5%

14.5%

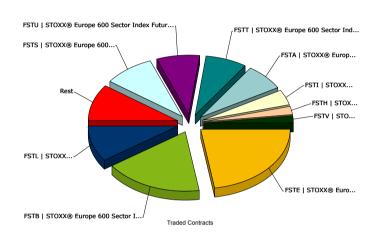
45,557

630,229

Year	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent M	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	11,139,015	-22.2%	58,016	49.14%	1,245,104	59.7%	27.6%	12.7%	199,734	450,026		
2022	18,262,640	0.0%	71,061	55.37%	2,187,470	55.3%	29.4%	15.3%	304,595	588,922		
2021	18,257,991	22.5%	71,320	53.56%	2,031,474	55.5%	27.4%	17.2%	287,701	614,395		
2020	14,907,732	9.5%	58,462	65.15%	1,866,005	48.9%	32.7%	18.4%	197,077	596,498		
2019	13,611,823	-2.3%	53,802	61.89%	1,479,209	49.0%	34.4%	16.6%	226,202	418,369		

61.0%

227,471



Most Active Products (Traded Contracts)		
STOXX® Europe 600 Oil & Gas Futures	FSTE	479,095
STOXX® Europe 600 Banks Futures	FSTB	375,154
STOXX® Europe 600 Real Estate Futures	FSTL	209,578
STOXX® Europe 600 Basic Resources Futures	FSTS	193,935
STOXX® Europe 600 Utilities Futures	FSTU	164,573
STOXX® Europe 600 Telecommunications Futures	FSTT	158,420
STOXX® Europe 600 Automobiles & Parts Futures	FSTA	157,503
STOXX® Europe 600 Insurance Futures	FSTI	87,957
STOXX® Europe 600 Health Care Futures	FSTH	44,991
STOXX® Europe 600 Travel & Leisure Futures	FSTV	42,371





Agent Market Maker



#### Equity Index Derivatives :: Equity Index Futures :: EURO STOXX® Broadbased and Size Index Futures

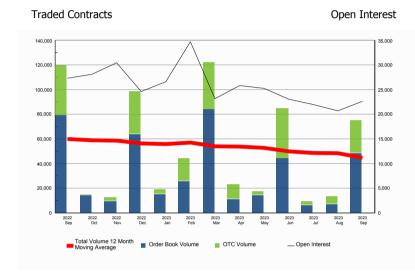
21

0

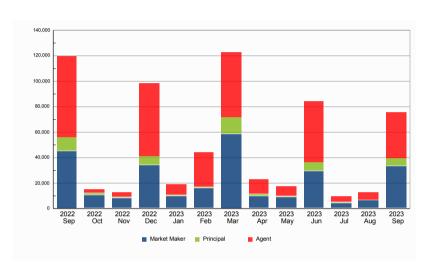
Number of Products
Number of Series
Launched Products per Month

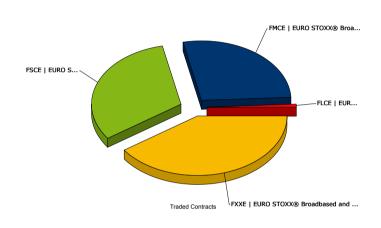
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↓ V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Most Active Products (Traded Contracts	5)	
Euro STOXX®	FXXE	30,417
Euro STOXX® Small	FSCE	23,565
Euro STOXX® Mid	FMCE	20,726
Euro STOXX® Large	FLCE	699

Month	Traded Contracts				No of Trades	Market Shar	re e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	75,407	-37.0%	3,591	63.60%	1,867	47.5%	44.1%	8.3%	1,558	22,633		
Aug 2023	13,103	-16.2%	570	51.73%	778	47.0%	49.3%	3.7%	284	20,688		
Jul 2023	9,322	-62.6%	444	67.41%	1,022	48.4%	47.2%	4.5%	192	21,965		
Jun 2023	84,483	-28.5%	3,840	52.80%	2,267	56.8%	34.7%	8.5%	1,734	23,045		
May 2023	17,188	-42.4%	781	82.05%	1,921	43.7%	53.4%	2.8%	326	25,242		
Apr 2023	23,286	-10.3%	1,294	48.73%	1,549	50.0%	42.3%	7.7%	488	25,818		
Mar 2023	122,615	-23.0%	5,331	68.36%	3,439	41.6%	47.9%	10.5%	2,568	23,157		
Feb 2023	44,232	49.1%	2,212	58.01%	2,722	61.4%	35.4%	3.2%	964	34,706		
Jan 2023	19,462	-24.7%	885	79.23%	2,500	45.0%	51.0%	4.0%	386	26,586		
Dec 2022	98,596	-21.5%	4,695	64.36%	4,336	58.1%	34.4%	7.5%	1,901	24,609		
Nov 2022	12,965	-20.0%	589	74.23%	1,253	31.0%	62.8%	6.2%	245	30,434		
Oct 2022	15,402	-45.3%	733	90.46%	1,187	19.8%	70.4%	9.8%	264	28,113		
Sep 2022	119.679	-14.5%	5,440	66.38%	2.795	52.9%	37.8%	9.3%	2.184	27,295		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	409,098	-25.5%	2,131	62.57%	18,065	49.0%	43.2%	7.8%	8,500	22,633		
2022	676,017	-6.5%	2,630	68.84%	33,763	46.0%	46.4%	7.6%	13,184	24,609		
2021	722,983	-20.2%	2,824	52.64%	40,382	50.8%	39.1%	10.1%	16,342	31,118		
2020	906,082	3.2%	3,553	52.08%	41,840	55.1%	37.4%	7.5%	15,306	39,094		
2019	877,768	-19.6%	3,469	55.48%	32,459	52.5%	41.4%	6.0%	16,006	41,582		



#### Equity Index Derivatives :: Equity Index Futures :: STOXX® Europe 600 Broadbased and Size Index Futures

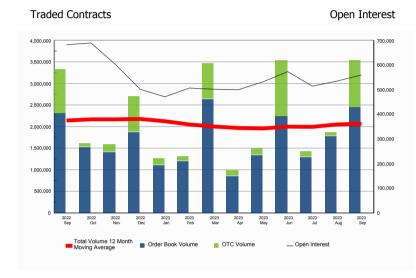
37

0

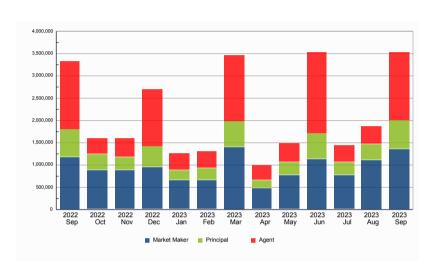
Number of Products
Number of Series
Launched Products per Month

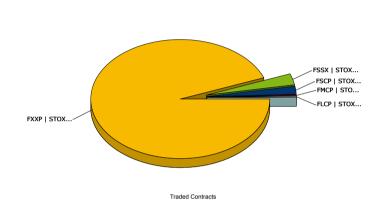
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← $\checkmark < -25\%$ ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Most Active Products (Traded Contracts)		
STOXX® Europe 600	FXXP	3,325,147
EURO STOXX 50 ESG	FSSX	105,633
STOXX® Europe Small 200	FSCP	74,920
STOXX® Europe Mid 200	FMCP	11,098
STOXX® Europe Large 200	FLCP	10,778

Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	3,527,576	6.1%	167,980	69.08%	281,510	43.4%	38.3%	18.2%	79,521	559,092		
Aug 2023	1,860,183	55.6%	80,878	95.24%	230,010	21.7%	59.0%	19.3%	42,444	534,398		
Jul 2023	1,438,503	-3.6%	68,500	90.08%	171,066	26.2%	53.0%	20.8%	33,120	513,878		
Jun 2023	3,537,609	16.3%	160,800	63.32%	223,928	51.8%	32.1%	16.0%	80,600	572,725		
May 2023	1,492,875	-7.2%	67,858	89.13%	201,268	28.4%	51.7%	19.9%	34,331	531,751		
Apr 2023	984,288	-29.6%	54,683	85.43%	144,333	33.6%	49.3%	17.1%	22,516	499,637		
Mar 2023	3,471,320	-13.9%	150,927	76.10%	394,673	43.1%	40.1%	16.8%	76,204	501,338		
Feb 2023	1,319,697	-41.0%	65,985	90.63%	201,730	29.7%	49.8%	20.5%	30,244	506,193		
Jan 2023	1,257,238	-32.8%	57,147	86.82%	179,969	30.0%	52.1%	17.9%	28,031	470,591		
Dec 2022	2,697,101	3.6%	128,433	68.99%	204,832	47.6%	35.1%	17.3%	57,976	501,274		
Nov 2022	1,594,205	0.3%	72,464	88.07%	213,205	26.4%	55.9%	17.7%	34,025	601,305		
Oct 2022	1,605,181	25.2%	76,437	94.11%	242,334	23.2%	54.9%	21.9%	31,772	689,054		
Sep 2022	3,325,783	32.6%	151.172	69.63%	310.316	46.0%	35.2%	18.8%	67,700	681,952		

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	18,889,289	-6.5%	98,382	78.59%	2,028,487	37.9%	44.0%	18.1%	427,010	559,092		
2022	26,101,818	25.3%	101,563	81.53%	3,240,612	34.6%	45.3%	20.1%	558,057	501,274		
2021	20,832,072	-14.5%	81,375	79.99%	2,446,082	36.1%	46.5%	17.4%	464,966	396,132		
2020	24,351,573	22.2%	95,496	81.08%	3,454,634	34.4%	44.6%	21.0%	434,385	454,474		
2019	19,920,775	13.2%	78,738	73.35%	1,731,429	35.1%	42.3%	22.6%	379,422	518,047		

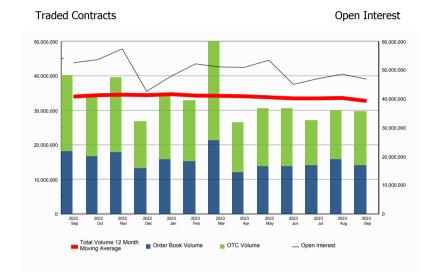


#### Equity Index Derivatives :: Equity Index Options

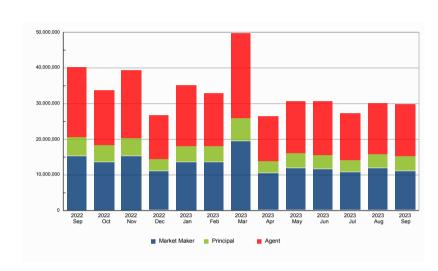
Number of Products 115
Number of Series 72,374
Launched Products per Month 0

# Volume Development Trend YoY Change YTM/YTM prev. Year ✓ <-25% >=-25% and <0% >=0% and <=25%↑>25%

#### **Traded Contracts & Open Interest**



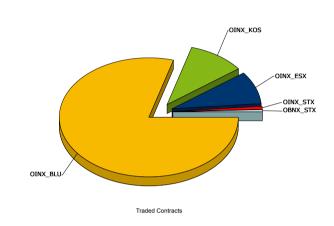
#### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	29,795,728	-25.8%	1,418,844	47.26%	1,219,058	48.7%	37.4%	13.8%	1,238,388	46,828,316	36.16%	63.84%
Aug 2023	30,033,721	5.0%	1,305,814	52.32%	1,626,967	47.4%	39.6%	13.0%	1,287,030	48,561,033	38.35%	61.65%
Jul 2023	27,190,579	0.1%	1,294,789	51.70%	1,342,905	48.5%	39.2%	12.3%	1,160,710	46,973,449	39.63%	60.37%
Jun 2023	30,625,453	-11.1%	1,392,066	45.31%	1,283,931	48.9%	38.2%	12.9%	1,240,523	45,026,187	36.24%	63.76%
May 2023	30,627,610	-10.5%	1,392,164	45.37%	1,253,932	47.7%	38.8%	13.4%	1,185,014	53,425,973	34.93%	65.07%
Apr 2023	26,396,386	-5.4%	1,466,466	45.09%	1,099,004	47.1%	39.2%	13.7%	1,019,016	50,931,516	37.51%	62.49%
Mar 2023	49,898,516	-1.4%	2,169,501	42.55%	1,791,945	47.8%	38.8%	13.4%	1,668,951	51,067,486	40.50%	59.50%
Feb 2023	32,959,445	-13.3%	1,647,972	46.02%	1,519,431	45.1%	40.8%	14.1%	1,273,952	52,139,002	35.40%	64.60%
Jan 2023	35,038,227	10.8%	1,592,647	45.15%	1,643,495	48.6%	38.6%	12.8%	1,306,044	47,850,396	40.93%	59.07%
Dec 2022	26,797,227	-5.6%	1,276,058	49.00%	1,437,955	46.5%	41.6%	11.9%	982,897	42,576,141	38.12%	61.88%
Nov 2022	39,466,708	5.1%	1,793,941	44.90%	1,846,950	48.7%	38.8%	12.5%	1,436,987	57,358,592	39.97%	60.03%
Oct 2022	33,656,787	15.7%	1,602,704	49.37%	1,879,027	45.9%	39.9%	14.2%	1,160,718	53,642,617	42.65%	57.35%
Sep 2022	40,154,267	26.0%	1,825,194	45.06%	1,961,030	48.6%	37.9%	13.5%	1,359,434	52,492,704	40.86%	59.14%

Year	Traded Contracts			No of Trades N	Market Share	e		Capital Volume in Mio	Open Interest in	Market Share		
	Total	YoY Change	Daily Average C	Order Book Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	292,565,665	-6.5%	1,523,780	46.40%	12,780,668	47.8%	39.0%	13.3%	11,379,628	47,210,686	37.93%	62.07%
2022	412,667,137	16.2%	1,605,709	45.32%	18,924,254	48.2%	39.3%	12.6%	14,404,296	42,594,494	42.29%	57.71%
2021	355,236,017	-19.5%	1,387,641	42.57%	10,464,366	43.8%	43.0%	13.2%	12,760,830	42,145,170	41.75%	58.25%
2020	441,396,354	2.3%	1,730,966	43.24%	14,495,679	37.8%	45.6%	16.7%	13,679,464	44,372,629	44.87%	55.13%
2019	431,575,858	3.0%	1,705,833	46.56%	14,211,166	38.7%	43.8%	17.6%	14,240,879	43,593,095	46.12%	53.88%

#### **Traded Contracts by Product Class**



OESX	21,269,024
OESB	2,688,544
ODAX	1,622,485
OKS2	1,420,757
OEXP	335,566
OKW3	300,062
OKW4	290,199
OKW1	266,841
OSMI	230,712
OKM3	229,407
	OESB ODAX OKS2 OEXP OKW3 OKW4 OKW1

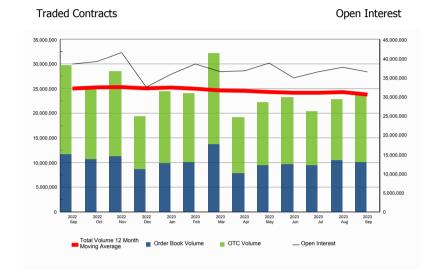


#### Equity Index Derivatives :: Equity Index Options :: Equity Index Options

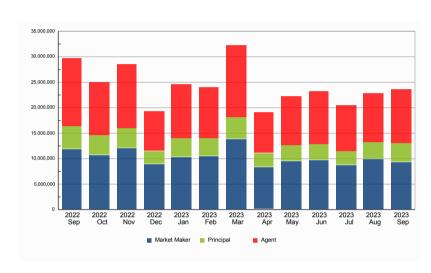
Number of Products 47
Number of Series 44,453
Launched Products per Month 0

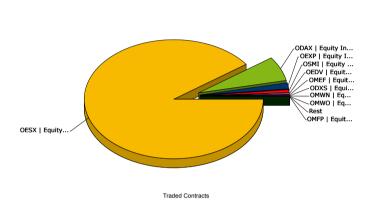
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#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



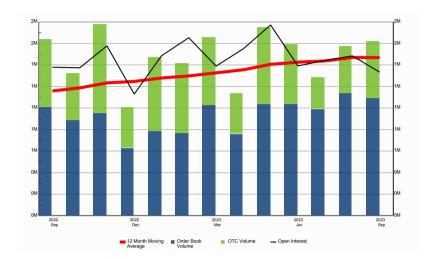


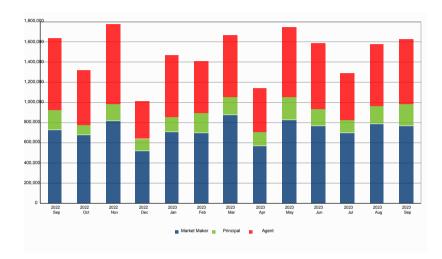
Month	Traded Contracts				No of Trades	Market Share	•		Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	23,652,775	-20.3%	1,126,323	42.38%	299,969	45.1%	39.7%	15.2%	1,035,840	36,492,381	34.56%	65.44%
Aug 2023	22,767,614	7.3%	989,896	46.14%	314,906	42.2%	43.5%	14.3%	1,008,154	37,703,348	35.78%	64.22%
Jul 2023	20,424,366	0.2%	972,589	45.80%	306,305	44.0%	43.1%	12.8%	907,241	36,521,907	37.54%	62.46%
Jun 2023	23,288,282	-7.2%	1,058,558	41.50%	322,357	45.2%	41.3%	13.5%	1,020,701	34,919,832	31.39%	68.61%
May 2023	22,269,612	-11.3%	1,012,255	42.29%	321,135	43.0%	42.7%	14.4%	972,809	38,800,054	29.83%	70.17%
Apr 2023	19,161,565	-4.9%	1,064,531	41.30%	242,012	42.1%	43.1%	14.7%	836,472	36,760,678	30.90%	69.10%
Mar 2023	32,195,834	-11.6%	1,399,819	42.88%	421,566	43.4%	42.9%	13.7%	1,357,112	36,576,735	32.40%	67.60%
Feb 2023	24,058,515	-10.7%	1,202,926	41.95%	298,328	41.4%	43.9%	14.7%	1,020,968	38,563,818	30.02%	69.98%
Jan 2023	24,562,224	8.7%	1,116,465	40.49%	307,322	43.3%	42.1%	14.5%	1,018,242	35,847,871	35.41%	64.59%
Dec 2022	19,323,030	-13.4%	920,144	44.98%	277,026	40.6%	45.9%	13.4%	762,535	32,520,277	34.36%	65.64%
Nov 2022	28,615,594	2.2%	1,300,709	39.33%	311,817	44.1%	42.0%	13.9%	1,121,427	41,534,130	35.80%	64.20%
Oct 2022	25,096,305	13.0%	1,195,062	42.52%	303,684	42.0%	42.3%	15.7%	893,465	39,202,979	39.28%	60.72%
Sep 2022	29,669,369	16.8%	1,348,608	39.30%	336,978	45.1%	40.1%	14.8%	1,068,546	38,539,185	35.97%	64.03%

Most Active Products (Traded Contracts)		
EURO STOXX 50® Index Options	OESX	21,269,024
DAX® Options	ODAX	1,622,485
EURO STOXX 50	OEXP	335,566
SMI® Options	OSMI	230,712
EURO STOXX® Select Dividend 30 Index Options	OEDV	90,500
MSCI EM	OMEF	63,895
DEUTSCHER AKTIENINDEX	ODXS	14,623
MSCI World	OMWN	13,000
MSCI World	OMWO	4,943
Options on MSCI EAFE (USD, Price)	OMFP	3,500

Year	Traded Contracts			No of Trades		Market Share	e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average (	Order Book Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	212,380,787	-6.7%	1,106,150	42.72%	2,833,900	43.3%	42.5%	14.2%	9,177,539	36,869,562	33.06%	66.94%
2022	300,557,020	8.8%	1,169,483	41.10%	3,757,386	43.1%	42.8%	14.1%	11,501,216	32,531,843	36.91%	63.09%
2021	276,306,365	-21.6%	1,079,322	43.17%	3,220,986	38.7%	46.9%	14.4%	11,141,914	32,121,879	34.86%	65.14%
2020	352,336,594	5.0%	1,381,712	43.44%	3,714,433	33.3%	49.5%	17.1%	11,997,726	33,701,658	39.73%	60.27%
2019	335,423,564	1.1%	1,325,785	44.96%	3,231,622	34.2%	48.4%	17.4%	12,077,341	35,446,905	41.45%	58.55%

#### Equity Index Derivatives :: Equity Index Options :: Equity Index Options :: DAX® Options

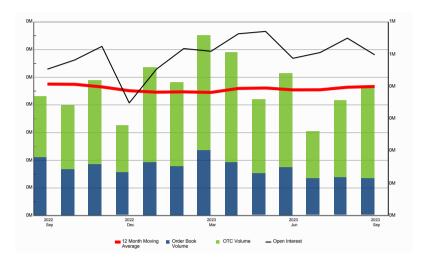


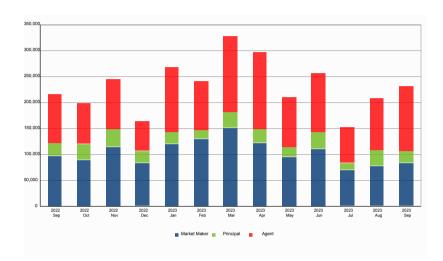


Month	Traded Contracts				No of Trades	Market Share	e		Capital Volume in Mio	Open Interest in	Market Shai	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,622,485	-0.8%	77,261	67.26%	81,004	39.3%	47.0%	13.7%	124,228	1,333,267	38.92%	61.08%
Aug 2023	1,575,045	32.3%	68,480	72.25%	84,254	38.6%	49.8%	11.6%	122,821	1,483,938	39.23%	60.77%
Jul 2023	1,290,913	12.2%	61,472	76.67%	77,881	36.6%	53.6%	9.9%	101,563	1,442,354	43.53%	56.47%
Jun 2023	1,591,887	17.6%	72,359	65.20%	83,207	41.5%	47.9%	10.5%	122,957	1,391,477	37.11%	62.89%
May 2023	1,748,189	53.5%	79,463	59.40%	78,413	40.1%	46.9%	13.1%	133,261	1,771,388	33.55%	66.45%
Apr 2023	1,140,292	42.7%	63,350	66.49%	49,786	38.0%	50.0%	11.9%	86,119	1,549,931	35.21%	64.79%
Mar 2023	1,662,002	25.9%	72,261	61.78%	72,170	36.6%	52.8%	10.6%	121,614	1,389,525	34.14%	65.86%
Feb 2023	1,412,484	19.7%	70,624	54.37%	51,108	36.7%	49.5%	13.8%	104,136	1,652,955	35.53%	64.47%
Jan 2023	1,469,511	35.2%	66,796	53.09%	55,594	41.6%	48.0%	10.4%	104,511	1,485,001	36.63%	63.37%
Dec 2022	1,010,550	18.7%	48,121	61.77%	45,672	37.2%	51.2%	11.7%	68,382	1,129,335	31.71%	68.29%
Nov 2022	1,776,521	46.6%	80,751	53.82%	60,615	44.8%	46.0%	9.3%	119,865	1,577,144	36.68%	63.32%
Oct 2022	1,319,115	34.6%	62,815	67.40%	61,028	41.1%	51.1%	7.7%	81,785	1,373,291	39.44%	60.56%
Sep 2022	1.636.103	33.4%	74.368	61.44%	66.933	43.3%	44.1%	12.6%	103.190	1.378.842	40.45%	59.55%

Year	Traded Contracts					Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average C	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	13,512,808	24.5%	70,379	63.85%	633,417	38.9%	49.4%	11.8%	1,021,209	1,333,267	36.99%	63.01%
2022	14,962,767	0.0%	58,221	64.12%	674,199	41.7%	47.3%	11.0%	1,001,927	1,129,335	36.46%	63.54%
2021	13,639,935	0.0%	53,281	67.18%	597,625	37.3%	51.3%	11.4%	980,267	796,096	35.70%	64.30%
2020	23,731,926	0.0%	93,066	72.39%	854,540	29.8%	58.7%	11.6%	1,409,654	1,255,914	42.09%	57.91%
2019	29,386,511	0.0%	116,152	68.17%	894,876	33.5%	56.0%	10.5%	1,750,844	2,267,970	46.98%	53.02%

#### Equity Index Derivatives :: Equity Index Options :: Equity Index Options :: SMI® Options

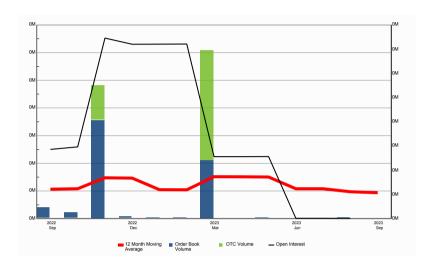


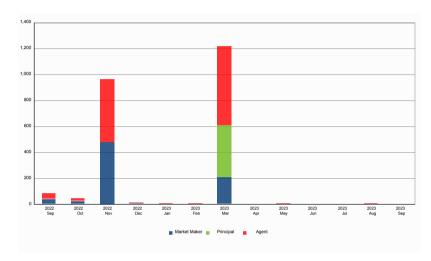


Month	Traded Contracts				No of Trades	Market Share	9		Capital Volume in Mio	Open Interest in	Market Shar	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	230,712	7.2%	10,986	29.05%	3,470	54.2%	35.7%	10.1%	25,999	498,065	42.79%	57.21%
Aug 2023	208,134	36.4%	9,049	33.08%	3,739	47.9%	37.4%	14.7%	23,296	549,555	44.82%	55.18%
Jul 2023	153,340	1.2%	7,302	43.83%	3,994	45.6%	45.4%	9.0%	17,604	505,045	56.02%	43.98%
Jun 2023	257,447	-13.5%	11,702	34.05%	4,815	44.3%	42.8%	12.9%	29,228	487,206	45.33%	54.67%
May 2023	209,767	4.7%	9,535	36.71%	5,046	45.5%	45.4%	9.1%	23,903	570,495	42.86%	57.14%
Apr 2023	296,151	41.0%	16,453	32.32%	5,558	49.7%	41.1%	9.2%	33,132	563,093	47.58%	52.42%
Mar 2023	326,955	-3.7%	14,215	36.28%	7,330	44.7%	46.3%	9.0%	34,793	508,982	41.67%	58.33%
Feb 2023	241,263	2.9%	12,063	36.65%	4,707	39.0%	53.3%	7.7%	26,750	517,322	52.24%	47.76%
Jan 2023	268,883	-10.4%	12,222	35.69%	5,780	46.8%	44.7%	8.5%	29,077	453,745	43.82%	56.18%
Dec 2022	163,647	-33.5%	7,793	48.02%	4,779	34.8%	51.2%	13.9%	17,511	349,026	36.34%	63.66%
Nov 2022	244,289	-18.8%	11,104	37.86%	5,408	39.1%	46.7%	14.3%	26,250	524,147	38.78%	61.22%
Oct 2022	198,952	-2.5%	9,474	41.79%	5,794	39.5%	45.0%	15.5%	21,052	482,017	43.70%	56.30%
Sep 2022	215,133	-16.2%	9,779	49.00%	6,464	43.5%	44.7%	11.8%	23,232	453,572	38.86%	61.14%

Year	Traded Contracts				No of Trades	Market Share	е			Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2022	2,708,077	0.0%	10,537	50.97%	81,702	39.8%	51.5%	8.6%	295,353	349,026	39.58%	60.42%
2021	3,265,270	0.0%	12,755	54.71%	95,478	38.4%	53.3%	8.3%	334,113	391,985	37.21%	62.79%
2020	4,435,551	0.0%	17,394	68.53%	145,712	32.6%	57.7%	9.7%	401,512	461,080	36.66%	63.34%
2019	4,249,292	0.0%	16,796	75.24%	148,067	32.9%	61.1%	6.0%	355,175	601,679	35.18%	64.82%

#### Equity Index Derivatives :: Equity Index Options :: Equity Index Options :: STOXX® Europe 50 Index Options





Month	Traded Contracts				No of Trades	Market Share	е		Capital Volume in Mio	Open Interest in	Market Sha	are
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023		-100.0%										
Aug 2023	1	-99.6%	0	100.00%	1	50.0%	50.0%	0.0%	0	2		100.00%
Jul 2023										3		
Jun 2023		-100.0%								3		
May 2023	3	-85.7%	0	100.00%	3	50.0%	50.0%	0.0%	0	513	66.67%	33.33%
Apr 2023		-100.0%								512		
Mar 2023	1,221	1303.4%	53	34.48%	8	50.0%	17.2%	32.8%	41	512	18.02%	81.98%
Feb 2023	4	-66.7%	0	100.00%	4	50.0%	50.0%	0.0%	0	1,442	50.00%	50.00%
Jan 2023	1	-99.9%	0	100.00%	1	50.0%	50.0%	0.0%	0	1,441		100.00%
Dec 2022	15	-65.1%	1	100.00%	1	50.0%	50.0%	0.0%	1	1,440		100.00%
Nov 2022	962	6771.4%	44	74.01%	26	50.0%	50.0%	0.0%	34	1,491	25.78%	74.22%
Oct 2022	45	650.0%	2	100.00%	8	50.0%	50.0%	0.0%	2	593	62.22%	37.78%
Sep 2022	84	71.4%	4	100.00%	19	50.0%	50.0%	0.0%	3	572	11.90%	88.10%

Year	Traded Contracts				No of Trades	Market Sha	re e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2022	3,517	0.0%	14	36.03%	99	63.9%	36.1%	0.0%	117	1,440	8.50%	91.50%
2021	2,090	0.0%	8	100.00%	53	50.0%	50.0%	0.0%	68	522	1.29%	98.71%
2020	1,364	0.0%	5	63.34%	99	68.3%	31.7%	0.0%	39	564	5.06%	94.94%
2019	5,734	0.0%	23	48.55%	93	49.8%	50.2%	0.0%	159	4,966	1.05%	98.95%



#### Equity Index Derivatives :: Equity Index Options :: EURO STOXX® Sector Index Options

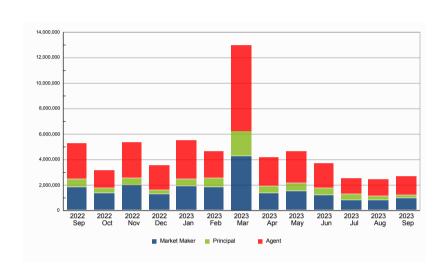
Number of Products23Number of Series10,633Launched Products per Month0

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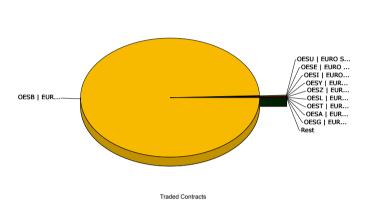
#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**



<b>Traded Contracts by Product</b>	



Month	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	2,704,414	-48.6%	128,782	35.94%	2,728	54.3%	34.8%	10.9%	14,375	9,395,434	34.35%	65.65%
Aug 2023	2,441,141	-20.8%	106,137	32.87%	2,511	52.8%	32.8%	14.4%	13,527	9,734,810	44.78%	55.22%
Jul 2023	2,530,055	-24.0%	120,479	32.51%	3,085	50.0%	33.0%	17.0%	13,320	9,432,248	45.46%	54.54%
Jun 2023	3,753,980	-30.4%	170,635	27.61%	4,760	53.5%	32.6%	13.9%	19,635	9,193,468	54.20%	45.80%
May 2023	4,678,423	-7.0%	212,656	29.49%	3,426	54.1%	32.8%	13.1%	24,348	13,346,339	51.20%	48.80%
Apr 2023	4,223,254	-16.5%	234,625	29.36%	3,765	53.8%	32.8%	13.3%	22,290	12,945,505	60.23%	39.77%
Mar 2023	13,010,851	12.6%	565,689	24.78%	11,353	52.2%	32.8%	15.0%	68,092	13,345,985	58.24%	41.76%
Feb 2023	4,683,548	-42.5%	234,177	28.74%	4,290	44.9%	39.1%	15.9%	26,100	12,367,834	51.55%	48.45%
Jan 2023	5,512,400	-5.1%	250,564	27.71%	3,391	55.7%	34.5%	9.8%	28,469	11,039,673	55.63%	44.37%
Dec 2022	3,580,977	-0.1%	170,523	24.22%	1,757	54.5%	35.8%	9.7%	16,444	9,351,258	42.65%	57.35%
Nov 2022	5,356,504	-23.3%	243,477	26.62%	3,388	52.9%	36.8%	10.3%	25,127	14,625,375	52.01%	47.99%
Oct 2022	3,148,586	-37.0%	149,933	36.89%	3,851	44.4%	44.2%	11.4%	13,964	13,268,249	59.20%	40.80%
Sep 2022	5,257,954	11.4%	238,998	31.06%	7,015	52.9%	35.1%	11.9%	22,512	12,946,463	59.36%	40.64%

Year	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	43,538,066	-17.3%	226,761	28.37%	39,309	52.4%	33.8%	13.8%	230,156	9,395,443	53.30%	46.70%
2022	64,731,558	14.3%	251,874	32.24%	58,834	58.7%	31.9%	9.5%	306,157	9,352,002	61.38%	38.62%
2021	56,627,723	-5.5%	221,202	26.65%	48,607	58.7%	30.5%	10.8%	270,097	9,141,638	69.90%	30.10%
2020	59,925,110	1.8%	235,000	19.18%	48,134	50.8%	30.7%	18.5%	221,057	9,969,816	71.01%	28.99%
2019	58,877,212	24.6%	232,716	24.96%	57,362	49.8%	26.6%	23.6%	280,490	7,629,309	68.53%	31.47%

Most Active Products (Traded Contracts)		
EURO STOXX® Banks Options	OESB	2,688,544
EURO STOXX® Utilities Options	OESU	4,781
EURO STOXX® Oil & Gas Options	OESE	4,152
EURO STOXX® Insurance Options	OESI	3,571
EURO STOXX® Technology Options	OESY	1,330
EURO STOXX® Personal & Household Goods Options	OESZ	542
EURO STOXX® Real Estate Options	OESL	500
EURO STOXX® Telecommunications Options	OEST	470
EURO STOXX® Automobiles & Parts Options	OESA	381
EURO STOXX® Industrial Goods & Services Options	OESG	75

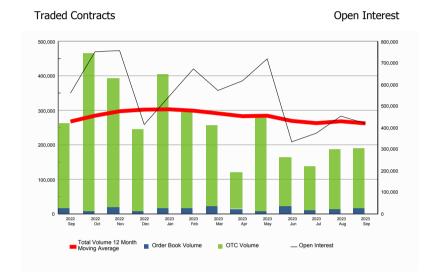


#### Equity Index Derivatives :: Equity Index Options :: STOXX® Europe 600 Sector Index Options

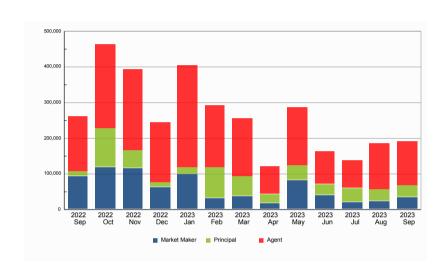
Number of Products23Number of Series7,716Launched Products per Month0

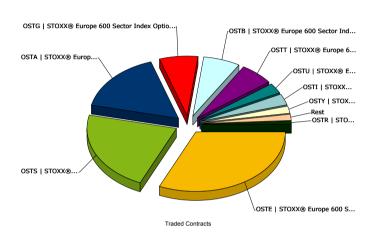
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#### **Traded Contracts & Open Interest**



#### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Share	е		Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	191,351	-27.2%	9,112	8.74%	786	64.3%	17.9%	17.9%	4,312	418,741	52.19%	47.81%
Aug 2023	187,272	52.1%	8,142	7.27%	689	69.8%	12.2%	18.0%	4,960	453,099	44.66%	55.34%
Jul 2023	137,933	-36.2%	6,568	7.10%	389	56.7%	15.6%	27.7%	4,251	373,949	35.41%	64.59%
Jun 2023	163,395	-52.4%	7,427	13.29%	763	56.3%	25.2%	18.5%	3,682	333,673	56.06%	43.94%
May 2023	287,685	6.2%	13,077	3.01%	506	56.3%	28.6%	15.1%	4,903	718,585	54.76%	45.24%
Apr 2023	120,760	-44.5%	6,709	10.30%	555	64.6%	15.7%	19.7%	3,107	616,939	40.55%	59.45%
Mar 2023	256,068	-27.0%	11,133	9.00%	982	63.0%	14.3%	22.7%	6,501	571,849	42.17%	57.83%
Feb 2023	294,100	-14.0%	14,705	5.43%	807	59.5%	10.6%	29.8%	5,187	672,044	66.77%	33.23%
Jan 2023	404,797	2.6%	18,400	3.76%	752	70.4%	24.7%	4.9%	6,120	543,025	67.75%	32.25%
Dec 2022	244,998	30.6%	11,667	3.50%	372	68.5%	25.2%	6.3%	3,346	413,911	65.43%	34.57%
Nov 2022	392,991	63.9%	17,863	5.04%	731	57.4%	29.8%	12.8%	5,365	756,542	62.90%	37.10%
Oct 2022	464,581	78.9%	22,123	1.81%	405	50.8%	25.6%	23.7%	4,522	751,761	59.39%	40.61%
Sep 2022	262,917	35.5%	11,951	6.59%	551	59.4%	35.1%	5.4%	3,728	559,658	53.84%	46.16%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	2,043,361	-19.0%	10,643	6.71%	6,229	62.9%	19.0%	18.1%	43,023	423,721	54.28%	45.72%
2022	3,624,037	17.1%	14,101	8.50%	9,484	64.9%	22.0%	13.1%	53,844	416,704	54.93%	45.07%
2021	3,093,868	89.8%	12,085	11.67%	12,552	71.3%	14.5%	14.2%	51,999	432,496	71.73%	28.27%
2020	1,630,218	6.3%	6,393	10.97%	7,115	62.9%	14.9%	22.2%	21,575	336,890	54.75%	45.25%
2019	1,533,438	6.8%	6,061	10.65%	6,548	56.7%	17.6%	25.8%	23,459	373,100	52.77%	47.23%

Most Active Products (Traded Contracts)		
STOXX® Europe 600 Oil & Gas Options	OSTE	60,547
STOXX® Europe 600 Basic Resources Options	OSTS	42,085
STOXX® Europe 600 Automobiles & Parts Options	OSTA	31,115
STOXX® Europe 600 Industrial Goods & Services Options	OSTG	13,275
STOXX® Europe 600 Banks Options	OSTB	13,090
STOXX® Europe 600 Telecommunications Options	OSTT	11,355
STOXX® Europe 600 Utilities Options	OSTU	5,672
STOXX® Europe 600 Insurance Options	OSTI	5,508
STOXX® Europe 600 Technology Options	OSTY	3,820
STOXX® Europe 600 Retail Options	OSTR	1,620

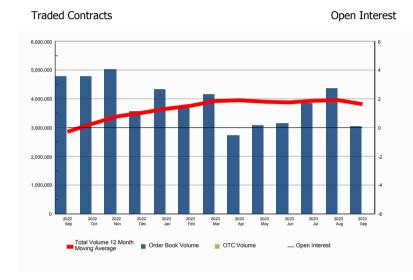


### Equity Index Derivatives :: Equity Index Options :: Eurex KOSPI Product

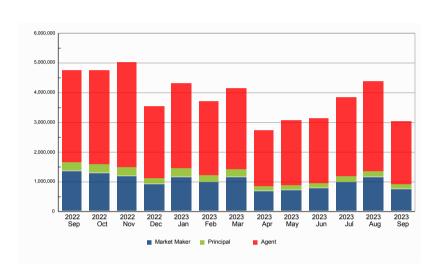
Number of Products 10 1,986 Number of Series Launched Products per Month

### **Volume Development Trend** MoM Change 👃 YTM/YTM prev. Year → $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

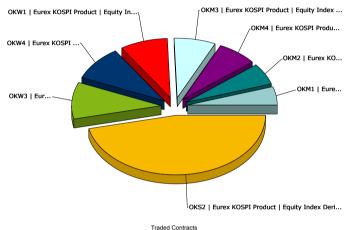
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



OKW1   Eurex KOSPI Product   Equity In



Month	Traded Contracts				No of Trades	Market Sha	·e		Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	3,056,525	-36.0%	145,549	100.00%	915,314	70.0%	25.1%	4.9%	179,923	0	47.85%	52.15%
Aug 2023	4,379,410	6.9%	190,409	100.00%	1,308,291	68.7%	26.4%	4.9%	254,856	0	48.08%	51.92%
Jul 2023	3,857,931	22.1%	183,711	100.00%	1,032,640	69.3%	25.3%	5.4%	230,656	0	46.97%	53.03%
Jun 2023	3,133,450	-8.6%	142,430	100.00%	955,600	69.2%	24.9%	5.9%	190,493	0	49.17%	50.83%
May 2023	3,073,571	-16.9%	139,708	100.00%	928,539	71.0%	23.2%	5.9%	176,361	0	47.28%	52.72%
Apr 2023	2,726,180	14.1%	151,454	100.00%	852,495	68.8%	24.9%	6.3%	153,925	0	48.47%	51.53%
Mar 2023	4,152,593	91.7%	180,548	100.00%	1,357,630	65.9%	28.1%	6.0%	231,606	0	48.20%	51.80%
Feb 2023	3,703,452	53.3%	185,173	100.00%	1,215,645	66.5%	27.0%	6.5%	217,103	0	48.64%	51.36%
Jan 2023	4,320,955	63.7%	196,407	100.00%	1,331,737	66.5%	26.8%	6.7%	248,794	0	51.21%	48.79%
Dec 2022	3,558,924	73.0%	169,473	100.00%	1,158,588	68.5%	25.4%	6.1%	199,132	0	51.57%	48.43%
Nov 2022	5,014,106	156.6%	227,914	100.00%	1,530,795	70.0%	23.8%	6.2%	283,366	0	49.09%	50.91%
Oct 2022	4,768,640	227.0%	227,078	100.00%	1,570,794	66.2%	27.1%	6.6%	245,365	0	48.64%	51.36%
Sep 2022	4,772,110	238.2%	216,914	100.00%	1,616,208	65.0%	28.8%	6.3%	261,001	0	49.06%	50.94%

Most Active Products (Traded Contracts)		
KOSPI 200	OKS2	1,420,757
DAILY FUT. ON KOSPI 200 WEEK 3 OPTION	OKW3	300,062
DAILY FUT. ON KOSPI 200 WEEK 4 OPTION	OKW4	290,199
DAILY FUT. ON KOSPI 200 WEEK 1 OPTION	OKW1	266,841
KOSPI 200 MONDAY WEEK 3 OPTION	OKM3	229,407
KOSPI 200 MONDAY WEEK 4 OPTION	OKM4	219,400
KOSPI 200 MONDAY WEEK 2 OPTION	OKM2	176,770
KOSPI 200 MONDAY WEEK 1 OPTION	OKM1	153,089

Year	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	32,404,067	12.6%	168,771	100.00%	9,897,891	68.3%	25.9%	5.8%	1,883,717	0	48.48%	51.52%
2022	42,110,152	156.3%	163,853	100.00%	15,094,957	66.6%	27.4%	6.0%	2,509,952	0	50.12%	49.88%
2021	16,429,015	-36.9%	64,176	100.00%	7,179,947	70.2%	29.3%	0.5%	1,238,279	0	50.85%	49.15%
2020	26,046,645	-26.1%	102,144	100.00%	10,723,765	65.0%	30.2%	4.9%	1,413,598	0	53.80%	46.20%
2019	35,236,582	-8.7%	139,275	100.00%	10,914,560	62.0%	29.2%	8.9%	1,850,474	0	53.14%	46.86%



### Equity Index Derivatives :: Equity Index Options :: EURO STOXX® Broadbased and Size Index Options

Number of Products 4
Number of Series 1,438
Launched Products per Month 0

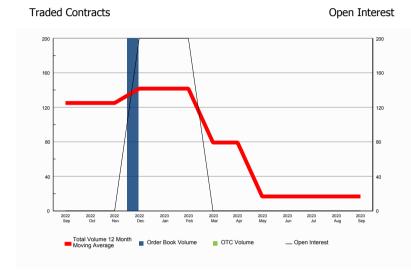
### **Volume Development Trend**

MoM Change YTM/YTM prev

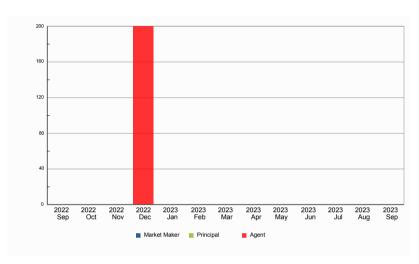


 $\downarrow$  < -25%  $\leftarrow$  >=-25% and < 0%  $\rightarrow$  >=0% and <=25%  $\uparrow$  > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product**

No contract volume for reporting period

		MOSLA	Cuve i io
Puts	l		

Month	Traded Contracts				No of Trades	Market Share	е	Capital Volume in Mio O			Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
May 2023	0				0				<1	0		
Mar 2023	0	-100.0%			0				<1	0		
Feb 2023	0	-100.0%			0				<1	200		
Jan 2023	0				0				<1	200		
Dec 2022	200		10	100.00%	2	100.0%	0.0%	0.0%	3	200	10	00.00%

	rear	Traded Contracts			No of Trades	Market Sna	are		Capital Volume in Mio		Market Share	
		Total	YoY Change	Daily Average Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2	2023	0	-100.0%		0				<1	200		
2	2022	1,700		7 11.76%	9	77.9%	0.0%	22.1%	33	950		100.00%

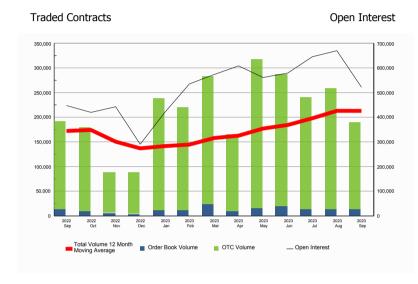


### Equity Index Derivatives :: Equity Index Options :: STOXX® Europe 600 Broadbased and Size Index Options

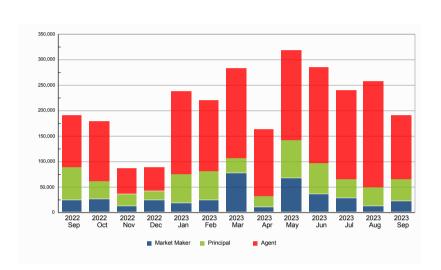
Number of Products 8
Number of Series 6,148
Launched Products per Month 0

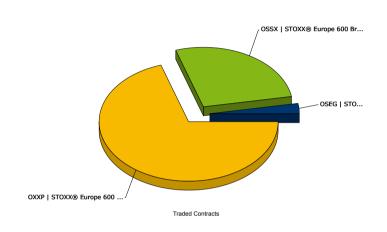
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### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**





OXXP	133.492
	. 50, 102
OSSX	51,790
OSEG	5,381

Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Shar	e
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	190,663	-0.7%	9,079	6.66%	261	65.2%	11.3%	23.4%	3,938	521,760	56.52%	43.48%
Aug 2023	258,284	236.2%	11,230	4.94%	570	80.6%	5.0%	14.5%	5,534	669,776	34.33%	65.67%
Jul 2023	240,294	212.2%	11,443	5.90%	486	72.4%	12.0%	15.6%	5,240	645,345	40.49%	59.51%
Jun 2023	286,346	43.1%	13,016	6.43%	451	65.9%	12.8%	21.3%	6,013	579,214	42.27%	57.73%
May 2023	318,319	119.6%	14,469	5.10%	326	55.1%	21.0%	23.9%	6,592	560,995	15.29%	84.71%
Apr 2023	164,627	55.8%	9,146	5.01%	177	80.4%	6.7%	12.8%	3,222	608,394	41.12%	58.88%
Mar 2023	283,170	127.8%	12,312	8.56%	414	62.0%	27.6%	10.4%	5,640	572,917	31.65%	68.35%
Feb 2023	219,830	19.7%	10,992	4.71%	361	63.4%	10.8%	25.7%	4,595	535,106	15.06%	84.94%
Jan 2023	237,851	30.0%	10,811	4.55%	293	68.0%	7.6%	24.4%	4,420	419,627	37.35%	62.65%
Dec 2022	89,098	-64.6%	4,243	4.41%	210	53.4%	27.1%	19.5%	1,438	290,495	59.68%	40.32%
Nov 2022	87,513	-76.4%	3,978	5.98%	219	58.2%	14.6%	27.2%	1,702	442,545	42.04%	57.96%
Oct 2022	178,675	14.7%	8,508	5.14%	293	65.8%	14.6%	19.6%	3,401	419,628	19.47%	80.53%
Sep 2022	191,917	29.3%	8,724	6.51%	278	53.5%	12.8%	33.7%	3,647	447,398	67.33%	32.67%

Year	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	2,199,384	70.8%	11,455	5.82%	3,339	67.3%	13.5%	19.2%	45,194	521,760	33.77%	66.23%
2022	1,642,670	-40.9%	6,392	10.71%	3,584	58.2%	21.1%	20.7%	33,094	292,995	43.92%	56.08%
2021	2,779,046	90.6%	10,856	2.92%	2,274	60.8%	19.6%	19.6%	58,541	449,157	65.88%	34.12%
2020	1,457,787	188.6%	5,717	7.13%	2,232	55.8%	17.0%	27.2%	25,508	364,265	43.79%	56.21%
2019	505,062	153.9%	1,996	8.48%	1,074	61.0%	23.5%	15.5%	9,114	143,781	30.09%	69.91%



### Dividend Derivatives

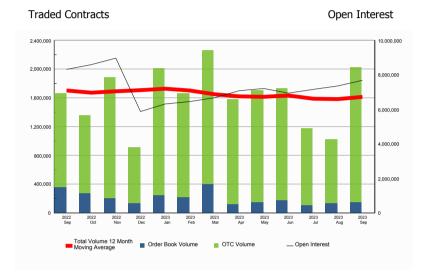
Number of Products338Number of Series3,238Launched Products per Month0

### **Volume Development Trend**

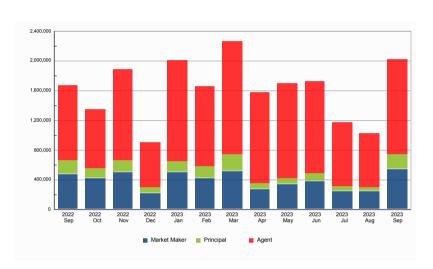
YoY Change → YTM/YTM prev. Year ←

 $\checkmark$  < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

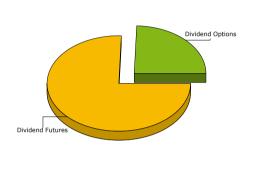
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Type**



Traded Contracts

Month	Traded Contracts				No of Trades Market Share				Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
Sep 2023	2,030,578	21.7%	96,694	7.12%	16,385	63.6%	26.7%	9.7%	12,294	7,680,820	24.57%	75.43%
Aug 2023	1,029,760	-5.6%	44,772	13.43%	11,865	71.2%	24.1%	4.7%	7,563	7,352,242	20.88%	79.12%
Jul 2023	1,176,569	-31.4%	56,027	9.31%	9,345	72.9%	21.5%	5.7%	7,153	7,153,958	13.55%	86.45%
Jun 2023	1,730,384	14.5%	78,654	10.26%	14,883	71.7%	22.4%	6.0%	11,652	6,936,298	17.56%	82.44%
May 2023	1,702,933	-4.2%	77,406	8.74%	14,075	75.0%	19.8%	5.1%	10,074	7,204,765	15.89%	84.11%
Apr 2023	1,575,917	-18.1%	87,551	7.67%	11,718	77.1%	17.1%	5.7%	8,164	7,076,719	17.17%	82.83%
Mar 2023	2,266,939	-21.6%	98,563	17.80%	21,956	67.2%	22.7%	10.0%	17,308	6,667,694	18.24%	81.76%
Feb 2023	1,666,363	-15.4%	83,318	12.73%	14,329	65.2%	25.4%	9.4%	12,101	6,448,326	22.14%	77.86%
Jan 2023	2,017,958	13.6%	91,725	12.27%	21,528	67.4%	25.1%	7.5%	14,603	6,308,874	21.86%	78.14%
Dec 2022	909,975	26.2%	43,332	14.74%	14,740	66.4%	24.5%	9.1%	6,628	5,871,992	18.83%	81.17%
Nov 2022	1,884,630	14.0%	85,665	10.55%	17,203	64.7%	26.5%	8.8%	12,249	8,964,293	22.08%	77.92%
Oct 2022	1,354,962	-21.4%	64,522	19.97%	18,073	58.8%	30.9%	10.3%	8,977	8,587,476	16.49%	83.51%
Sep 2022	1,668,145	5.8%	75,825	21.21%	24,837	60.2%	28.9%	10.9%	10,261	8,313,988	11.40%	88.60%

Most Active Products (Traded Con	tracts)		
EURO STOXX 50 Index Dividend Options	Option	OEXD	463,964
Intesa Sanpaolo	Future	I3ES	435,605
EURO STOXX 50® Index Dividend Futures	Future	FEXD	364,206
EURO STOXX® Banks Index Dividend Futures	Future	FEBD	195,433
Banco Santander S.A. DIVIDENDS	Future	S3SD	114,500
Société Générale	Future	S2GE	37,696
EURO STOXX® Banks Index Dividend Options	Option	OEBD	35,000
TOTALENERGIES SE DIVIDENDS	Future	T3OT	30,399
Banco Bilbao Vizcaya Argentaria	Future	B3BV	25,965
UniCredit	Future	C4RI	20,400

Year	Traded Contracts				No of Trades	Market Sha	re				Market Share	;
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
2023	15,197,401	-6.9%	79,153	11.20%	136,084	69.7%	22.9%	7.4%	100,913	7,704,138	19.36%	80.64%
2022	20,474,551	19.8%	79,668	16.10%	235,263	64.7%	26.1%	9.2%	126,178	5,978,728	16.99%	83.01%
2021	17,095,139	-10.4%	66,778	11.89%	136,227	65.0%	27.6%	7.4%	76,283	5,853,154	14.72%	85.28%
2020	19,078,867	15.8%	74,819	23.84%	294,313	56.6%	31.7%	11.8%	105,620	5,981,972	13.56%	86.44%
2019	16,475,056	0.2%	65,119	18.97%	146,637	54.5%	36.3%	9.2%	110,089	5,850,897	14.58%	85.42%



### Dividend Derivatives :: Dividend Futures

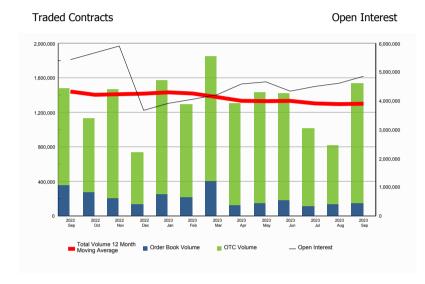
Number of Products336Number of Series2,466Launched Products per Month0

### **Volume Development Trend**

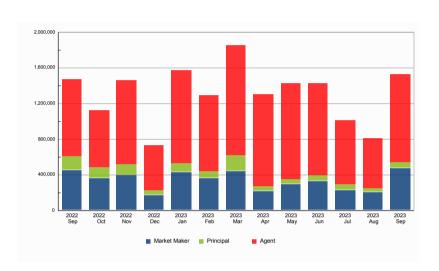
YoY Change → YTM/YTM prev. Year ←

 $\downarrow$  < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

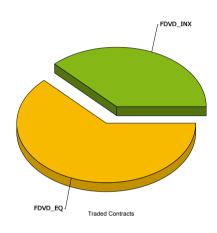
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Class**



Most Active Products (Traded Contracts)		
Intesa Sanpaolo	I3ES	435,605
EURO STOXX 50® Index Dividend Futures	FEXD	364,206
EURO STOXX® Banks Index Dividend Futures	FEBD	195,433
Banco Santander S.A. DIVIDENDS	S3SD	114,500
Société Générale	S2GE	37,696
TOTALENERGIES SE DIVIDENDS	T3OT	30,399
Banco Bilbao Vizcaya Argentaria	B3BV	25,965
UniCredit	C4RI	20,400
Vodafone Group DIV EUR	V2OE	19,740
AXA	A2XA	19,559

Month	Traded Contracts				No of Trades	Market Share	e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,531,614	3.6%	72,934	9.44%	16,153	64.3%	30.7%	4.9%	6,644	4,852,647		
Aug 2023	814,784	-10.6%	35,425	16.97%	11,704	69.3%	25.6%	5.0%	4,575	4,611,231		
Jul 2023	1,017,107	-25.6%	48,434	10.76%	9,246	71.2%	22.7%	6.1%	5,041	4,497,838		
Jun 2023	1,426,524	2.6%	64,842	12.43%	14,713	71.9%	22.8%	5.3%	7,603	4,334,025		
May 2023	1,432,359	-3.1%	65,107	10.39%	13,900	75.6%	20.3%	4.1%	6,452	4,658,564		
Apr 2023	1,305,393	-28.5%	72,522	9.26%	11,547	78.9%	16.4%	4.7%	4,677	4,584,106		
Mar 2023	1,853,360	-21.3%	80,581	21.72%	21,716	66.5%	24.1%	9.4%	12,201	4,211,485		
Feb 2023	1,297,445	-11.0%	64,872	16.30%	14,140	65.9%	27.8%	6.2%	7,518	4,052,775		
Jan 2023	1,576,843	12.9%	71,675	15.70%	21,280	66.2%	27.1%	6.7%	9,133	3,909,546		
Dec 2022	738,613	12.2%	35,172	18.15%	14,611	68.5%	24.1%	7.4%	4,569	3,668,029		
Nov 2022	1,468,498	5.5%	66,750	13.52%	16,956	64.7%	27.0%	8.3%	7,472	5,904,167		
Oct 2022	1,131,494	-28.2%	53,881	23.85%	17,935	57.3%	32.4%	10.4%	6,619	5,667,197		
Sep 2022	1,478,004	4.8%	67,182	23.93%	24,733	58.9%	30.3%	10.8%	8,063	5,429,698		

Year	Traded Contracts				No of Trades	Market Shai	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	12,255,429	-10.3%	63,830	13.88%	134,399	69.7%	24.3%	6.0%	63,844	4,875,965		
2022	16,995,902	16.6%	66,132	19.35%	233,347	65.1%	27.0%	8.0%	86,579	3,774,765		
2021	14,579,500	-11.6%	56,951	13.81%	134,683	66.7%	28.5%	4.8%	52,013	4,001,416		
2020	16,490,920	17.2%	64,670	27.46%	292,640	56.5%	33.2%	10.4%	80,977	3,952,415		
2019	14,072,708	0.1%	55,623	22.11%	145,014	53.2%	39.0%	7.8%	82,478	4,116,734		

0



### Dividend Derivatives :: Dividend Futures :: Equity Index Dividend Futures

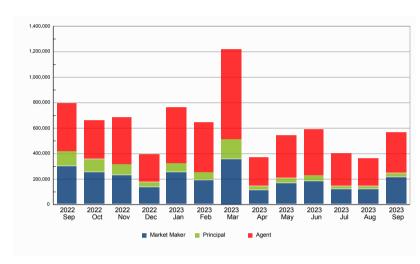
Number of Products 125 Number of Series Launched Products per Month

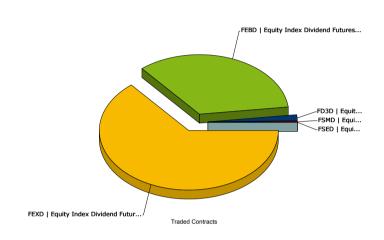
### **Volume Development Trend** MoM Change 1 YTM/YTM prev. Year ← $\checkmark$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**





Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	570,029	-28.5%	27,144	24.86%	15,071	57.4%	37.1%	5.5%	5,888	1,110,245		
Aug 2023	365,955	-16.5%	15,911	37.54%	11,151	60.8%	32.8%	6.3%	4,211	1,064,397		
Jul 2023	401,342	-45.5%	19,112	26.83%	8,508	64.2%	29.1%	6.6%	4,587	1,032,474		
Jun 2023	590,032	-13.9%	26,820	29.42%	13,645	61.0%	31.8%	7.2%	6,751	1,016,614		
May 2023	543,435	-17.9%	24,702	26.88%	12,907	62.6%	31.5%	5.9%	5,544	1,135,510		
Apr 2023	375,685	-25.0%	20,871	30.99%	10,529	61.4%	29.7%	8.8%	3,841	1,087,958		
Mar 2023	1,217,298	0.3%	52,926	32.68%	20,758	57.6%	29.6%	12.8%	11,622	1,071,360		
Feb 2023	644,690	-21.3%	32,235	32.03%	13,030	60.6%	29.9%	9.5%	6,842	966,075		
Jan 2023	766,216	37.9%	34,828	31.48%	19,818	58.1%	32.7%	9.2%	8,355	950,849		
Dec 2022	392,699	30.3%	18,700	33.37%	13,980	56.0%	33.8%	10.2%	4,185	974,590		
Nov 2022	686,164	41.2%	31,189	27.77%	15,959	54.0%	33.6%	12.4%	6,921	1,255,752		
Oct 2022	660,418	57.5%	31,448	40.37%	17,083	46.4%	38.3%	15.3%	6,195	1,275,113		
Sep 2022	797,122	73.2%	36,233	43.61%	23,567	47.5%	37.4%	15.2%	7,433	1,241,304		

Most Active Products (Traded Contracts)		
EURO STOXX 50® Index Dividend Futures	FEXD	364,206
EURO STOXX® Banks Index Dividend Futures	FEBD	195,433
EURO STOXX® Select Dividend 30 Index Dividend Futures	FD3D	9,131
SMI® Index Dividend	FSMD	959
STOXX® Europe 600 Oil&Gas Index Dividend Futures	FSED	300

Year	Traded Contracts				No of Trades	Market Share	•		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average O	rder Book Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	5,474,682	-14.6%	28,514	30.47%	125,417	59.8%	31.5%	8.7%	57,641	1,110,245		
2022	8,148,735	64.3%	31,707	39.44%	221,065	51.5%	35.6%	12.9%	78,756	974,680		
2021	4,960,373	-47.8%	19,376	39.09%	122,023	52.2%	39.9%	7.8%	43,886	884,009		
2020	9,500,895	32.5%	37,258	46.88%	282,313	48.2%	38.2%	13.6%	76,163	1,074,132		
2019	7,169,955	-0.6%	28,340	42.68%	136,258	48.7%	39.9%	11.4%	76,856	992,636		



### Dividend Derivatives :: Dividend Futures :: Single Stock Dividend Futures

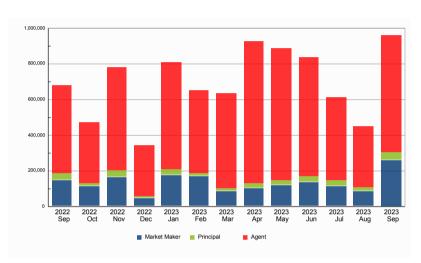
Number of Products315Number of Series2,341Launched Products per Month0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← ↓ <-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**

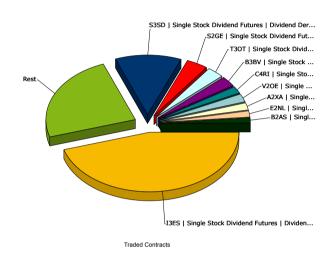


### **Traded Contracts by Account Type**



Month	Traded Contracts Total	YoY Change	Daily Average	Orderbook Share	No of Trades	Market Sha Agent		Principal	Capital Volume in Mio EUR	Open Interest in Contracts	Market Share Calls	Puts
Sep 2023	961,585	41.2%	45,790	0.30%	1,082	68.5%	27.0%	4.6%	756	3,742,402		
Aug 2023	448,829	-5.1%	19,514	0.19%	553	76.3%	19.8%	3.9%	363	3,546,834		
Jul 2023	615,765	-2.3%	29,322	0.29%	738	75.7%	18.5%	5.8%	454	3,465,364		
Jun 2023	836,492	18.8%	38,022	0.44%	1,068	79.6%	16.5%	4.0%	852	3,317,411		
May 2023	888,924	8.9%	40,406	0.30%	993	83.5%	13.5%	3.0%	908	3,523,054		
Apr 2023	929,708	-29.8%	51,650	0.48%	1,018	86.0%	11.1%	3.0%	836	3,496,148		
Mar 2023	636,062	-44.2%	27,655	0.75%	958	83.6%	13.5%	2.9%	579	3,140,125		
Feb 2023	652,755	2.3%	32,638	0.76%	1,110	71.3%	25.7%	3.0%	676	3,086,700		
Jan 2023	810,627	-3.5%	36,847	0.78%	1,462	73.9%	21.7%	4.3%	779	2,958,697		
Dec 2022	345,914	-3.1%	16,472	0.87%	631	82.6%	13.1%	4.3%	384	2,693,439		
Nov 2022	782,334	-13.6%	35,561	1.01%	997	74.1%	21.2%	4.7%	552	4,648,415		
Oct 2022	471,076	-59.3%	22,432	0.69%	852	72.6%	24.0%	3.4%	424	4,392,084		
Sep 2022	680,882	-28.4%	30,949	0.90%	1,166	72.3%	22.0%	5.7%	630	4,188,394		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	6,780,747	-6.4%	35,316	0.48%	8,982	77.7%	18.5%	3.8%	6,203	3,765,720		
2022	8,847,167	-8.0%	34,425	0.84%	12,282	77.6%	19.0%	3.5%	7,823	2,800,085		
2021	9,619,127	37.6%	37,575	0.77%	12,660	74.2%	22.6%	3.2%	8,127	3,117,407		
2020	6,990,025	1.3%	27,412	1.06%	10,327	67.7%	26.3%	6.0%	4,814	2,878,283		
2019	6,902,753	0.7%	27,284	0.73%	8,756	57.8%	38.0%	4.2%	5,622	3,124,098		



Most Active Products (Traded Contracts)		
Intesa Sanpaolo	I3ES	435,605
Banco Santander S.A. DIVIDENDS	S3SD	114,500
Société Générale	S2GE	37,696
TOTALENERGIES SE DIVIDENDS	T3OT	30,399
Banco Bilbao Vizcaya Argentaria	B3BV	25,965
UniCredit	C4RI	20,400
Vodafone Group DIV EUR	V2OE	19,740
AXA	A2XA	19,559
ENEL	E2NL	14,492
BASF	B2AS	14,462

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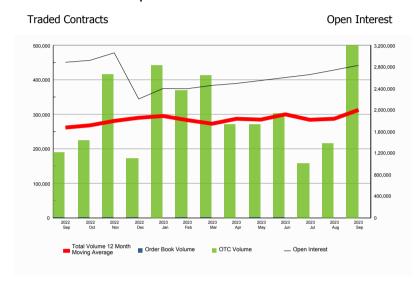


### Dividend Derivatives :: Dividend Options

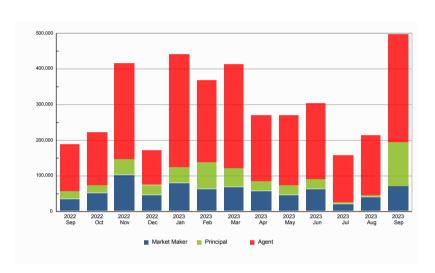
Number of Products 772 Number of Series Launched Products per Month

### **Volume Development Trend** YoY Change 1 YTM/YTM prev. Year → $\checkmark$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

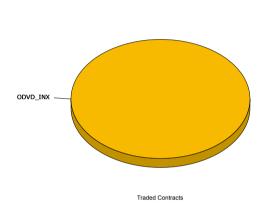
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Class**



Most Active Products (Traded Contracts)		
EURO STOXX 50 Index Dividend Options	OEXD	463,964
EURO STOXX® Banks Index Dividend Options	OEBD	35,000

Month	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Shar	re e
	Total	YoY Change	Daily Average	Orderbook Share		Agent N	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	498,964	162.4%	23,760	0.00%	232	61.2%	14.3%	24.5%	5,650	2,828,173	54.42%	45.58%
Aug 2023	214,976	19.4%	9,347	0.01%	161	78.2%	18.4%	3.5%	2,988	2,741,011	85.69%	14.31%
Jul 2023	159,462	-54.3%	7,593	0.04%	99	83.6%	13.7%	2.7%	2,112	2,656,120	66.81%	33.19%
Jun 2023	303,860	151.5%	13,812	0.07%	170	70.6%	20.5%	9.0%	4,049	2,602,273	75.37%	24.63%
May 2023	270,574	-9.5%	12,299	0.04%	175	72.4%	17.0%	10.6%	3,622	2,546,201	79.78%	20.22%
Apr 2023	270,524	174.6%	15,029	0.01%	171	68.5%	20.6%	10.9%	3,488	2,492,613	69.37%	30.63%
Mar 2023	413,579	-23.1%	17,982	0.24%	240	70.3%	16.8%	12.8%	5,108	2,456,209	69.56%	30.44%
Feb 2023	368,918	-28.0%	18,446	0.17%	189	62.8%	16.7%	20.5%	4,584	2,395,551	72.30%	27.70%
Jan 2023	441,115	16.2%	20,051	0.00%	248	71.6%	18.3%	10.1%	5,470	2,399,328	77.93%	22.07%
Dec 2022	171,362	173.6%	8,160	0.07%	129	57.4%	26.4%	16.2%	2,058	2,203,963	65.11%	34.89%
Nov 2022	416,132	59.2%	18,915	0.07%	247	64.8%	24.8%	10.4%	4,777	3,060,126	66.90%	33.10%
Oct 2022	223,468	51.2%	10,641	0.31%	138	66.5%	23.3%	10.3%	2,357	2,920,279	76.82%	23.18%
Sep 2022	190,141	14.9%	8,643	0.06%	104	70.5%	18.0%	11.5%	2,198	2,884,290	67.31%	32.69%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	2,941,972	10.3%	15,323	0.07%	1,685	69.4%	17.3%	13.3%	37,070	2,828,173	71.14%	28.86%
2022	3,478,649	38.3%	13,536	0.21%	1,916	63.0%	21.7%	15.3%	39,599	2,203,963	68.72%	31.28%
2021	2,515,639	-2.8%	9,827	0.75%	1,544	55.3%	22.3%	22.4%	24,270	1,851,738	64.98%	35.02%
2020	2,587,947	7.7%	10,149	0.77%	1,673	57.1%	22.3%	20.5%	24,643	2,029,557	68.63%	31.37%
2019	2,402,348	1.3%	9,495	0.62%	1,623	62.0%	20.7%	17.3%	27,611	1,734,163	52.71%	47.29%

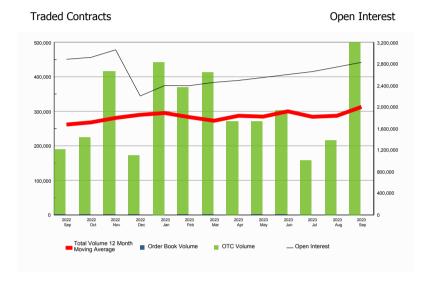


### Dividend Derivatives :: Dividend Options :: Options on Equity Index Dividend Futures

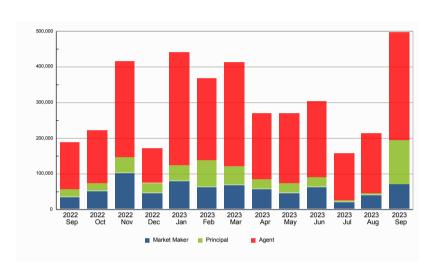
Number of Products2Number of Series772Launched Products per Month0

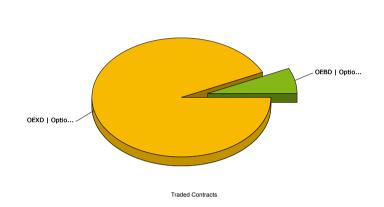
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year $\rightarrow$ $\downarrow$ < -25% ← >=-25% and < 0% $\rightarrow$ >=0% and <=25%↑ > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**





Most Active Products (Traded Contracts)		
EURO STOXX 50 Index Dividend Options	OEXD	463,964
EURO STOXX® Banks Index Dividend Options	OEBD	35,000

Month	Traded Contracts				No of Trades	Market Shar	re		Capital Volume in Mio	Open Interest in	Market Sha	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	498,964	162.4%	23,760	0.00%	232	61.2%	14.3%	24.5%	5,650	2,828,173	54.42%	45.58%
Aug 2023	214,976	19.4%	9,347	0.01%	161	78.2%	18.4%	3.5%	2,988	2,741,011	85.69%	14.31%
Jul 2023	159,462	-54.3%	7,593	0.04%	99	83.6%	13.7%	2.7%	2,112	2,656,120	66.81%	33.19%
Jun 2023	303,860	151.5%	13,812	0.07%	170	70.6%	20.5%	9.0%	4,049	2,602,273	75.37%	24.63%
May 2023	270,574	-9.5%	12,299	0.04%	175	72.4%	17.0%	10.6%	3,622	2,546,201	79.78%	20.22%
Apr 2023	270,524	174.6%	15,029	0.01%	171	68.5%	20.6%	10.9%	3,488	2,492,613	69.37%	30.63%
Mar 2023	413,579	-23.1%	17,982	0.24%	240	70.3%	16.8%	12.8%	5,108	2,456,209	69.56%	30.44%
Feb 2023	368,918	-28.0%	18,446	0.17%	189	62.8%	16.7%	20.5%	4,584	2,395,551	72.30%	27.70%
Jan 2023	441,115	16.2%	20,051	0.00%	248	71.6%	18.3%	10.1%	5,470	2,399,328	77.93%	22.07%
Dec 2022	171,362	173.6%	8,160	0.07%	129	57.4%	26.4%	16.2%	2,058	2,203,963	65.11%	34.89%
Nov 2022	416,132	59.2%	18,915	0.07%	247	64.8%	24.8%	10.4%	4,777	3,060,126	66.90%	33.10%
Oct 2022	223,468	51.2%	10,641	0.31%	138	66.5%	23.3%	10.3%	2,357	2,920,279	76.82%	23.18%
Sep 2022	190,141	14.9%	8,643	0.06%	104	70.5%	18.0%	11.5%	2,198	2,884,290	67.31%	32.69%

Year	Traded Contracts			No of Trades	Market Sha	re		Capital Volume in Mio		Market Share		
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	2,941,972	10.3%	15,323	0.07%	1,685	69.4%	17.3%	13.3%	37,070	2,828,173	71.14%	28.86%
2022	3,478,649	38.3%	13,536	0.21%	1,916	63.0%	21.7%	15.3%	39,599	2,203,963	68.72%	31.28%
2021	2,515,639	-2.8%	9,827	0.75%	1,544	55.3%	22.3%	22.4%	24,270	1,851,738	64.98%	35.02%
2020	2,587,947	7.7%	10,149	0.77%	1,673	57.1%	22.3%	20.5%	24,643	2,029,557	68.63%	31.37%
2019	2,402,348	1.3%	9,495	0.62%	1,623	62.0%	20.7%	17.3%	27,611	1,734,163	52.71%	47.29%

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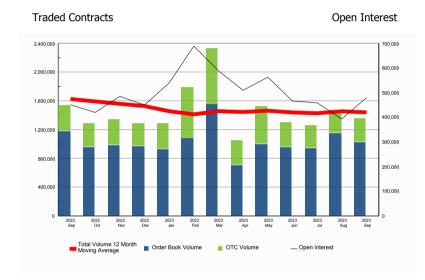


### Volatility Index Derivatives

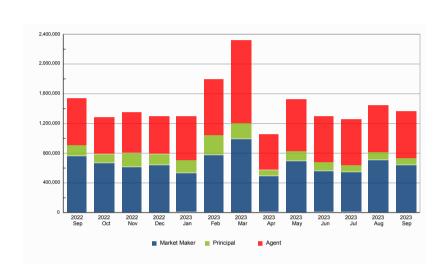
Number of Products 1,109 Number of Series Launched Products per Month

### **Volume Development Trend** YoY Change ← YTM/YTM prev. Year ← $\checkmark$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

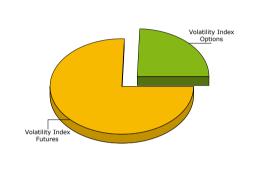
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Type**



Traded Contracts

Most Active Products (Traded Con	tracts)		
Futures on VSTOXX®	Future	FVS	1,025,700
Option on VSTOXX Future	Option	OVS2	333,192

Month	Traded Contracts				No of Trades	Market Shar	·e		Capital Volume in Mio	Open Interest in	Market Sha	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
Sep 2023	1,358,892	-11.9%	64,709	75.00%	157,615	45.9%	47.1%	7.1%	2,461	479,380	24.52%	75.48%
Aug 2023	1,441,122	29.4%	62,657	80.15%	191,745	43.5%	48.7%	7.8%	2,877	392,890	16.67%	83.33%
Jul 2023	1,255,835	-9.7%	59,802	74.51%	153,763	49.0%	43.3%	7.7%	2,340	458,542	20.69%	79.31%
Jun 2023	1,298,113	-18.0%	59,005	73.16%	151,775	47.9%	43.2%	8.9%	2,361	465,734	21.55%	78.45%
May 2023	1,520,189	16.1%	69,100	65.59%	177,120	45.8%	45.8%	8.4%	3,339	562,760	30.86%	69.14%
Apr 2023	1,056,559	-12.2%	58,698	67.10%	124,428	46.5%	46.3%	7.2%	2,397	509,068	32.90%	67.10%
Mar 2023	2,325,193	30.4%	101,095	67.04%	334,114	48.2%	42.2%	9.6%	5,689	588,122	30.43%	69.57%
Feb 2023	1,789,821	-22.6%	89,491	60.67%	184,778	42.0%	43.1%	14.9%	3,908	688,629	37.73%	62.27%
Jan 2023	1,292,066	-40.1%	58,730	71.39%	165,182	45.6%	40.8%	13.6%	2,788	538,906	26.50%	73.50%
Dec 2022	1,293,254	-22.3%	61,584	75.16%	172,067	39.1%	48.9%	11.9%	3,148	449,841	22.30%	77.70%
Nov 2022	1,350,176	-22.8%	61,372	72.75%	154,581	41.3%	44.9%	13.9%	3,491	484,591	27.15%	72.85%
Oct 2022	1,286,376	-23.8%	61,256	74.68%	209,219	38.7%	51.4%	9.9%	4,011	419,459	22.03%	77.97%
Sep 2022	1,542,775	-23.3%	70,126	75.83%	262,261	40.8%	49.4%	9.8%	4,644	450,417	21.85%	78.15%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
2023	13,337,790	-7.3%	69,468	69.97%	1,640,520	46.0%	44.3%	9.7%	28,161	479,624	27.40%	72.60%
2022	18,324,074	-16.3%	71,300	74.82%	3,064,219	37.8%	50.5%	11.7%	54,488	449,841	23.78%	76.22%
2021	21,889,784	11.7%	85,507	66.56%	2,158,832	35.6%	52.2%	12.2%	52,135	503,393	33.48%	66.52%
2020	19,594,641	-16.0%	76,842	67.98%	1,587,505	34.6%	48.6%	16.9%	54,647	519,916	35.23%	64.77%
2019	23,322,746	-3.5%	92,185	70.58%	962,562	35.8%	47.8%	16.3%	40,345	487,201	31.69%	68.31%

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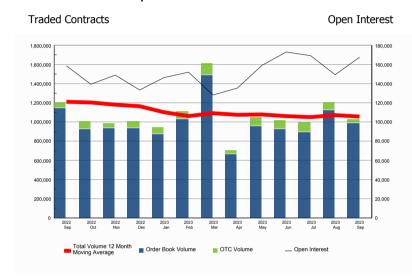


### Volatility Index Derivatives :: Volatility Index Futures

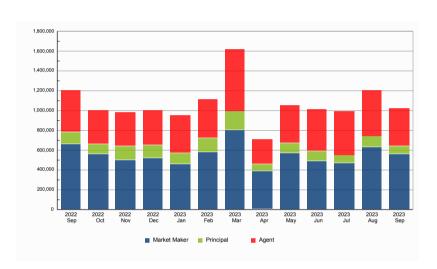
Number of Products 17 Number of Series Launched Products per Month

### **Volume Development Trend** YoY Change ← YTM/YTM prev. Year ← $\checkmark$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

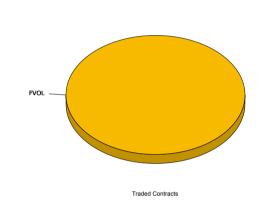
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Class**



Most Active Products (Traded Contracts)		
Futures on VSTOXX®	FVS	1,025,700

Month	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,025,700	-14.9%	48,843	96.05%	156,977	37.6%	54.6%	7.9%	1,745	167,524		
Aug 2023	1,200,932	25.8%	52,214	93.80%	191,154	38.6%	52.4%	8.9%	2,237	149,288		
Jul 2023	996,020	-11.0%	47,430	89.86%	153,075	44.4%	46.7%	8.9%	1,664	169,158		
Jun 2023	1,018,407	-16.9%	46,291	90.45%	151,252	42.0%	47.5%	10.5%	1,686	173,011		
May 2023	1,051,096	4.3%	47,777	91.18%	176,423	35.8%	53.7%	10.5%	2,089	158,975		
Apr 2023	708,976	-22.1%	39,388	94.06%	123,869	35.9%	54.6%	9.5%	1,433	135,369		
Mar 2023	1,617,545	28.0%	70,328	91.77%	332,971	38.6%	49.8%	11.6%	3,802	128,174		
Feb 2023	1,114,492	-29.8%	55,725	92.64%	183,913	34.9%	52.2%	12.8%	2,183	151,946		
Jan 2023	949,716	-44.2%	43,169	91.93%	164,432	39.5%	48.1%	12.4%	1,890	146,328		
Dec 2022	1,004,905	-16.3%	47,853	92.65%	171,367	35.6%	51.5%	12.9%	2,216	133,356		
Nov 2022	983,546	-21.8%	44,707	95.44%	154,072	35.0%	50.9%	14.0%	2,282	148,906		
Oct 2022	1,002,924	-8.1%	47,758	92.42%	208,545	34.1%	55.5%	10.5%	2,948	139,344		
Sep 2022	1,205,670	-9.4%	54,803	94.68%	261,631	35.2%	54.4%	10.4%	3,413	158,614		

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	9,682,884	-11.8%	50,432	92.36%	1,634,066	38.6%	51.0%	10.4%	18,729	167,768		
2022	13,966,853	-4.1%	54,346	94.98%	3,056,363	33.2%	55.4%	11.5%	38,264	133,356		
2021	14,561,665	14.7%	56,882	94.49%	2,148,791	32.3%	53.7%	14.0%	31,285	151,706		
2020	12,692,395	-20.3%	49,774	92.70%	1,574,623	33.2%	45.2%	21.6%	33,340	105,678		
2019	15,932,474	2.3%	62,974	91.75%	949,290	35.0%	47.3%	17.7%	25,418	189,145		

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### Volatility Index Derivatives :: Volatility Index Futures :: VSTOXX® Futures

Number of Products 2 17 Number of Series

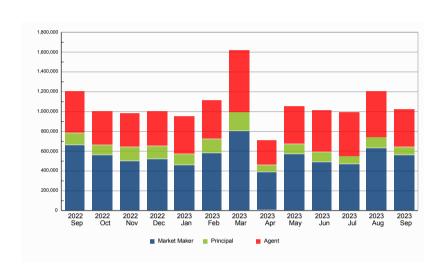
Launched Products per Month

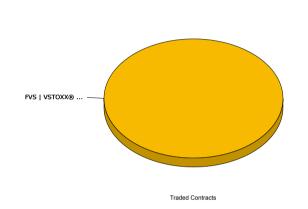
### **Volume Development Trend** MoM Change ← YTM/YTM prev. Year ← $\checkmark$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**





Most Active Products (Traded Contracts)		
Futures on VSTOXX®	FVS	1,025,700

Month	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	1,025,700	-14.9%	48,843	96.05%	156,977	37.6%	54.6%	7.9%	1,745	167,524		
Aug 2023	1,200,932	25.8%	52,214	93.80%	191,154	38.6%	52.4%	8.9%	2,237	149,288		
Jul 2023	996,020	-11.0%	47,430	89.86%	153,075	44.4%	46.7%	8.9%	1,664	169,158		
Jun 2023	1,018,407	-16.9%	46,291	90.45%	151,252	42.0%	47.5%	10.5%	1,686	173,011		
May 2023	1,051,096	4.3%	47,777	91.18%	176,423	35.8%	53.7%	10.5%	2,089	158,975		
Apr 2023	708,976	-22.1%	39,388	94.06%	123,869	35.9%	54.6%	9.5%	1,433	135,369		
Mar 2023	1,617,545	28.0%	70,328	91.77%	332,971	38.6%	49.8%	11.6%	3,802	128,174		
Feb 2023	1,114,492	-29.8%	55,725	92.64%	183,913	34.9%	52.2%	12.8%	2,183	151,946		
Jan 2023	949,716	-44.2%	43,169	91.93%	164,432	39.5%	48.1%	12.4%	1,890	146,328		
Dec 2022	1,004,905	-16.3%	47,853	92.65%	171,367	35.6%	51.5%	12.9%	2,216	133,356		
Nov 2022	983,546	-21.8%	44,707	95.44%	154,072	35.0%	50.9%	14.0%	2,282	148,906		
Oct 2022	1,002,924	-8.1%	47,758	92.42%	208,545	34.1%	55.5%	10.5%	2,948	139,344		
Sep 2022	1,205,670	-9.4%	54,803	94.68%	261,631	35.2%	54.4%	10.4%	3,413	158,614		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	9,682,884	-11.8%	50,432	92.36%	1,634,066	38.6%	51.0%	10.4%	18,729	167,768		
2022	13,966,853	-4.1%	54,346	94.98%	3,056,363	33.2%	55.4%	11.5%	38,264	133,356		
2021	14,561,665	14.7%	56,882	94.49%	2,148,791	32.3%	53.7%	14.0%	31,285	151,706		
2020	12,692,395	-20.3%	49,774	92.70%	1,574,623	33.2%	45.2%	21.6%	33,340	105,678		
2019	15,932,474	2.3%	62,974	91.75%	949,290	35.0%	47.3%	17.7%	25,418	189,145		

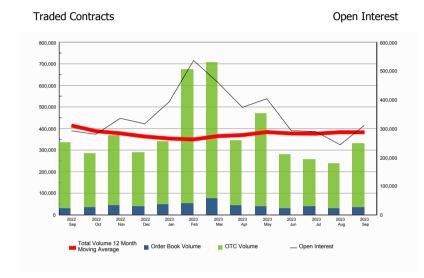


### Volatility Index Derivatives :: Volatility Index Options

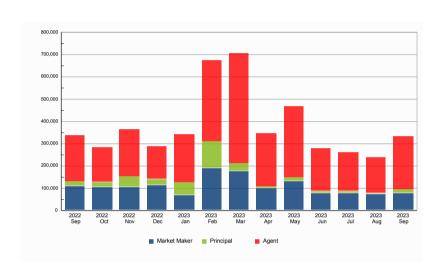
Number of Products 1
Number of Series 1,092
Launched Products per Month 0

# Volume Development Trend YoY Change ← YTM/YTM prev. Year → ↓ < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

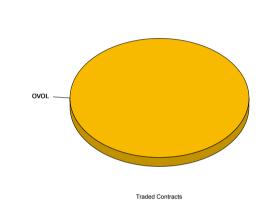
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Class**



Most Active Products (Traded Contracts)		
Option on VSTOXX Future	OVS2	333,192

Month	Traded Contracts				No of Trades			Capital Volume in Mio		Market Sha	re	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	333,192	-1.2%	15,866	10.21%	638	71.4%	24.0%	4.6%	716	311,856	46.54%	53.46%
Aug 2023	240,190	51.4%	10,443	11.87%	591	67.8%	30.3%	1.9%	640	243,602	69.58%	30.42%
Jul 2023	259,815	-4.1%	12,372	15.68%	688	66.6%	30.4%	3.0%	676	289,384	67.70%	32.30%
Jun 2023	279,706	-21.6%	12,714	10.19%	523	69.3%	27.3%	3.4%	675	292,723	73.20%	26.80%
May 2023	469,093	55.6%	21,322	8.26%	697	68.1%	28.1%	3.7%	1,250	403,785	65.24%	34.76%
Apr 2023	347,583	18.7%	19,310	12.11%	559	68.2%	29.3%	2.5%	964	373,699	67.29%	32.71%
Mar 2023	707,648	36.0%	30,767	10.51%	1,143	70.0%	24.8%	5.2%	1,887	459,948	62.02%	37.98%
Feb 2023	675,329	-7.1%	33,766	7.93%	865	53.7%	28.0%	18.3%	1,726	536,683	69.88%	30.12%
Jan 2023	342,350	-24.5%	15,561	14.42%	750	62.6%	20.7%	16.7%	898	392,578	68.90%	31.10%
Dec 2022	288,349	-37.8%	13,731	14.19%	700	51.5%	40.2%	8.4%	932	316,485	84.13%	15.87%
Nov 2022	366,630	-25.2%	16,665	11.86%	509	57.9%	28.7%	13.3%	1,209	335,685	83.49%	16.51%
Oct 2022	283,452	-52.5%	13,498	11.92%	674	55.1%	36.9%	8.0%	1,063	280,115	73.59%	26.41%
Sep 2022	337,105	-50.4%	15,323	8.41%	630	60.8%	31.8%	7.4%	1,232	291,803	59.03%	40.97%

Year	Traded Contracts				No of Trades	Market Sha	re				Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	3,654,906	6.9%	19,036	10.67%	6,454	65.6%	26.7%	7.7%	9,432	311,856	65.38%	34.62%
2022	4,357,221	-40.5%	16,954	10.22%	7,856	52.7%	34.7%	12.6%	16,224	316,485	64.02%	35.98%
2021	7,328,119	6.2%	28,625	11.08%	10,041	42.2%	49.2%	8.6%	20,850	351,687	50.68%	49.32%
2020	6,902,246	-6.6%	27,068	22.52%	12,882	37.1%	54.7%	8.2%	21,307	414,238	55.29%	44.71%
2019	7,390,272	-13.9%	29,211	24.94%	13,272	37.6%	49.1%	13.4%	14,927	298,056	59.11%	40.89%

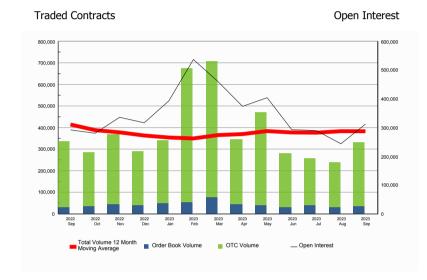


### Volatility Index Derivatives :: Volatility Index Options :: VSTOXX® Options

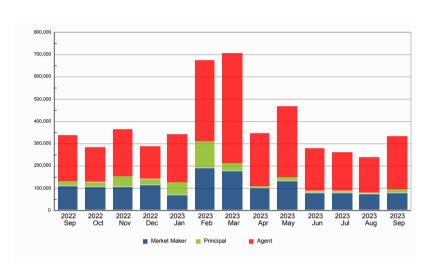
Number of Products 1
Number of Series 1,092
Launched Products per Month 0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year $\rightarrow$ $\downarrow$ < -25% $\leftarrow$ >=-25% and < 0% $\rightarrow$ >=0% and <=25%↑ > 25%

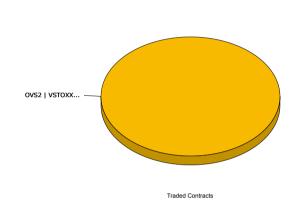
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



Traded Contracts by Product	



Most Active Products (Traded Contracts)		
Option on VSTOXX Future	OVS2	333,192

Month	Traded Contracts				No of Trades	Market Share	ę		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	333,192	-1.2%	15,866	10.21%	638	71.4%	24.0%	4.6%	716	311,856	46.54%	53.46%
Aug 2023	240,190	51.4%	10,443	11.87%	591	67.8%	30.3%	1.9%	640	243,602	69.58%	30.42%
Jul 2023	259,815	-4.1%	12,372	15.68%	688	66.6%	30.4%	3.0%	676	289,384	67.70%	32.30%
Jun 2023	279,706	-21.6%	12,714	10.19%	523	69.3%	27.3%	3.4%	675	292,723	73.20%	26.80%
May 2023	469,093	55.6%	21,322	8.26%	697	68.1%	28.1%	3.7%	1,250	403,785	65.24%	34.76%
Apr 2023	347,583	18.7%	19,310	12.11%	559	68.2%	29.3%	2.5%	964	373,699	67.29%	32.71%
Mar 2023	707,648	36.0%	30,767	10.51%	1,143	70.0%	24.8%	5.2%	1,887	459,948	62.02%	37.98%
Feb 2023	675,329	-7.1%	33,766	7.93%	865	53.7%	28.0%	18.3%	1,726	536,683	69.88%	30.12%
Jan 2023	342,350	-24.5%	15,561	14.42%	750	62.6%	20.7%	16.7%	898	392,578	68.90%	31.10%
Dec 2022	288,349	-37.8%	13,731	14.19%	700	51.5%	40.2%	8.4%	932	316,485	84.13%	15.87%
Nov 2022	366,630	-25.2%	16,665	11.86%	509	57.9%	28.7%	13.3%	1,209	335,685	83.49%	16.51%
Oct 2022	283,452	-52.5%	13,498	11.92%	674	55.1%	36.9%	8.0%	1,063	280,115	73.59%	26.41%
Sep 2022	337,105	-50.4%	15,323	8.41%	630	60.8%	31.8%	7.4%	1,232	291,803	59.03%	40.97%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	3,654,906	6.9%	19,036	10.67%	6,454	65.6%	26.7%	7.7%	9,432	311,856	65.38%	34.62%
2022	4,357,221	-40.5%	16,954	10.22%	7,856	52.7%	34.7%	12.6%	16,224	316,485	64.02%	35.98%
2021	7,328,119	6.2%	28,625	11.08%	10,041	42.2%	49.2%	8.6%	20,850	351,687	50.68%	49.32%
2020	6,902,246	-6.6%	27,068	22.52%	12,882	37.1%	54.7%	8.2%	21,307	414,238	55.29%	44.71%
2019	7,390,272	-13.9%	29,211	24.94%	13,272	37.6%	49.1%	13.4%	14,927	298,056	59.11%	40.89%



### ETF & ETC Derivatives

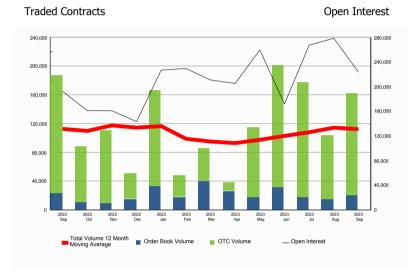
Number of Products 56 25,382 Number of Series Launched Products per Month

### **Volume Development Trend**

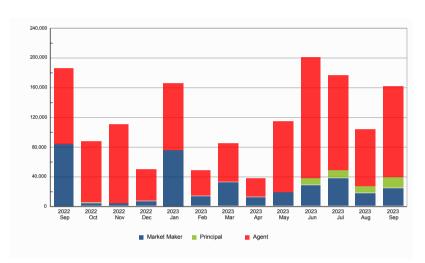
YoY Change ← YTM/YTM prev. Year ←

#### $\checkmark$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Type**



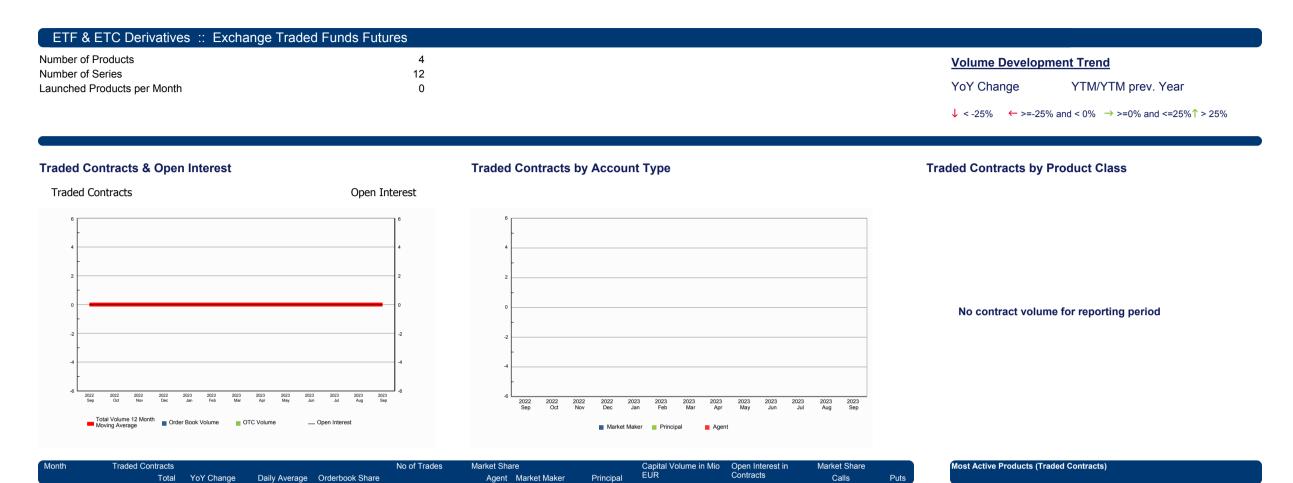
Traded Contracts

Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
Sep 2023	161,984	-13.2%	7,714	12.31%	1,029	75.3%	15.4%	9.3%	604	223,464	100.00%	0.00%
Aug 2023	104,016	271.2%	4,522	13.47%	913	73.7%	16.7%	9.6%	371	278,354	99.97%	0.03%
Jul 2023	176,906	52.1%	8,424	9.56%	671	72.6%	21.7%	5.7%	639	267,202	99.98%	0.02%
Jun 2023	200,829	48.7%	9,129	15.44%	985	81.0%	14.0%	5.0%	990	171,829	99.96%	0.04%
May 2023	114,855	90.8%	5,221	15.64%	1,293	83.0%	17.0%	0.0%	425	259,421	99.97%	0.03%
Apr 2023	38,445	-41.0%	2,136	68.56%	609	65.9%	34.1%	0.0%	225	205,061	99.94%	0.06%
Mar 2023	85,934	-34.8%	3,736	45.94%	1,760	61.5%	38.0%	0.5%	404	210,750	99.96%	0.04%
Feb 2023	48,384	-81.3%	2,419	34.77%	1,084	72.1%	27.9%	0.0%	217	229,360	99.95%	0.05%
Jan 2023	165,814	17.7%	7,537	19.54%	1,648	54.0%	46.0%	0.0%	782	226,620	99.97%	0.03%
Dec 2022	50,190	-41.9%	2,390	29.20%	710	85.4%	14.6%	0.0%	353	143,116	99.82%	0.18%
Nov 2022	111,137	459.0%	5,052	8.47%	1,409	95.6%	4.4%	0.0%	641	160,822	99.88%	0.12%
Oct 2022	87,735	-27.7%	4,178	11.47%	1,520	94.1%	5.8%	0.1%	439	161,074	99.91%	0.09%
Sep 2022	186,675	-14.4%	8,485	12.65%	1,914	54.7%	45.2%	0.1%	743	192,493	99.97%	0.03%

Most Active Products (Traded Conti	racts)		
ISHARES PHYSICAL GOLD	Option	IGLN	142,041
Options on iShares Core FTSE 100 UCITS (Dist)	Option	ISF	8,657
iShares Core EURO STOXX50® UCITS ETF (Dist)	Option	EUN2	7,680
Options on iShares STOXX Europe 600 UCITS ETF (DE)	Option	EXSA	2,030
Options on iShares EURO STOXX Banks 30-15 UCITS ETF (DE)	Option	EXX1	1,110
iShares DAX® UCITS ETF (DE)	Option	EXS1	448
WisdomTree WTI Crude Oil	Option	OCRU	17
Options on iShares Core MSCI World UCITS ETF	Option	IWDA	1

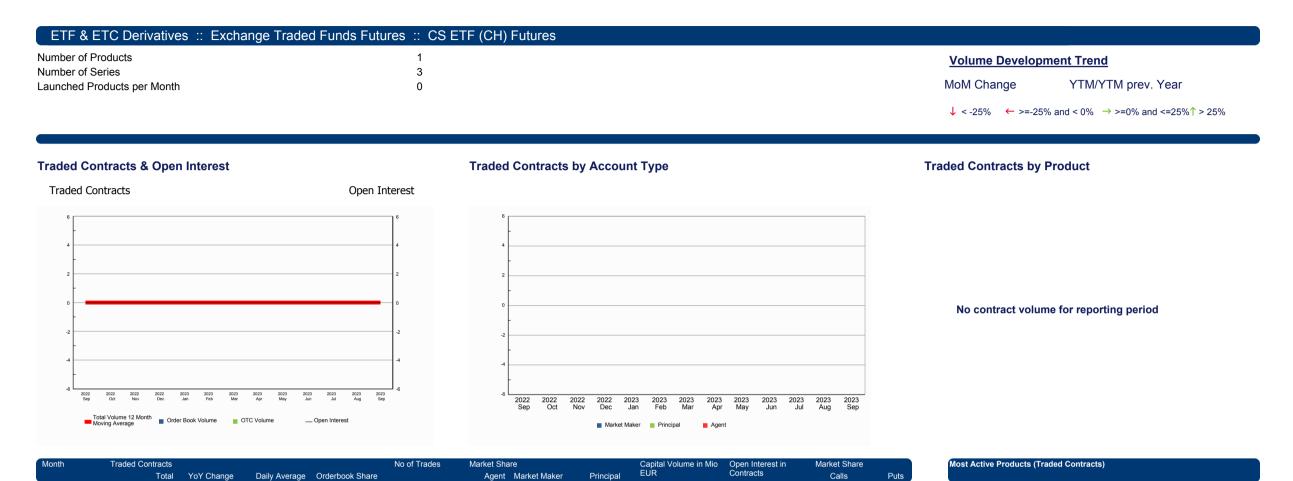
Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
2023	1,097,167	-2.3%	5,714	19.59%	9,992	71.8%	24.1%	4.1%	4,657	238,300	99.97%	0.03%
2022	1,372,280	-26.1%	5,340	17.41%	20,767	71.3%	25.7%	3.0%	7,213	192,758	99.71%	0.29%
2021	1,857,120	-77.4%	7,254	10.76%	15,998	68.5%	26.4%	5.2%	6,580	204,849	99.98%	0.02%
2020	8,202,151	-3.0%	32,165	2.20%	16,970	55.3%	38.9%	5.8%	25,571	298,577	100.00%	0.00%
2019	8,456,800	482.2%	33,426	1.13%	2,737	58.5%	30.3%	11.2%	22,470	502,883	100.00%	0.00%





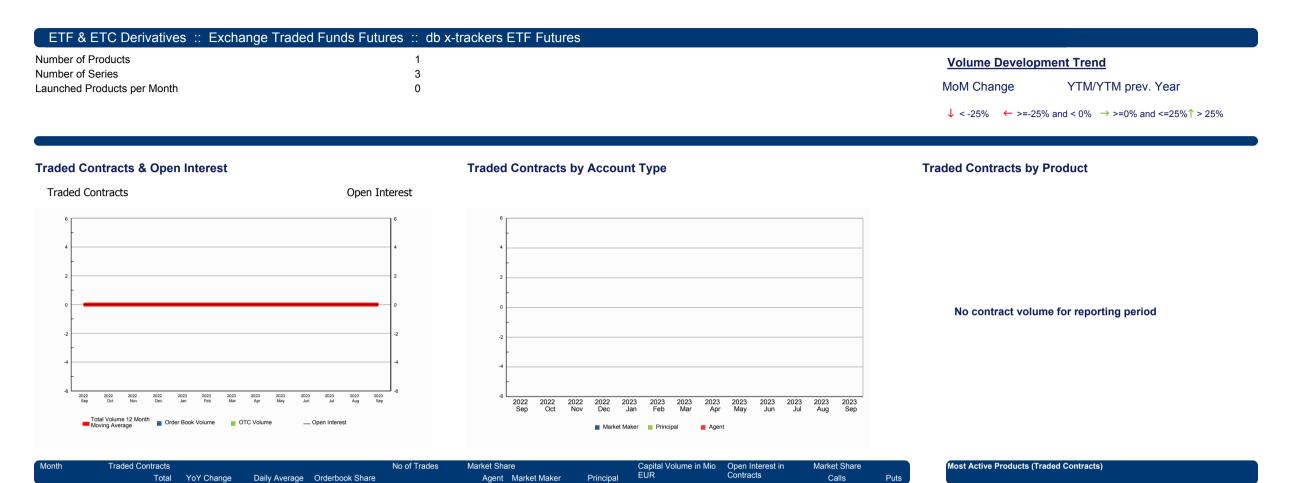
Traded Contracts			No of Trades Market Share					Market Share		
Total	YoY Change	Daily Average Order Book Share		Agent Market Maker	Principal	EUR	Contracts	Calls	Puts	
0	-100.0%		0			<1	0			
			Total YoY Change Daily Average Order Book Share	Total YoY Change Daily Average Order Book Share	Total YoY Change Daily Average Order Book Share Agent Market Maker	Total YoY Change Daily Average Order Book Share Agent Market Maker Principal	Total YoY Change Daily Average Order Book Share Agent Market Maker Principal EUR	Total YoY Change Daily Average Order Book Share Agent Market Maker Principal EUR Contracts	Total YoY Change Daily Average Order Book Share Agent Market Maker Principal EUR Contracts Calls	Total YoY Change Daily Average Order Book Share Agent Market Maker Principal EUR Contracts Calls Puts





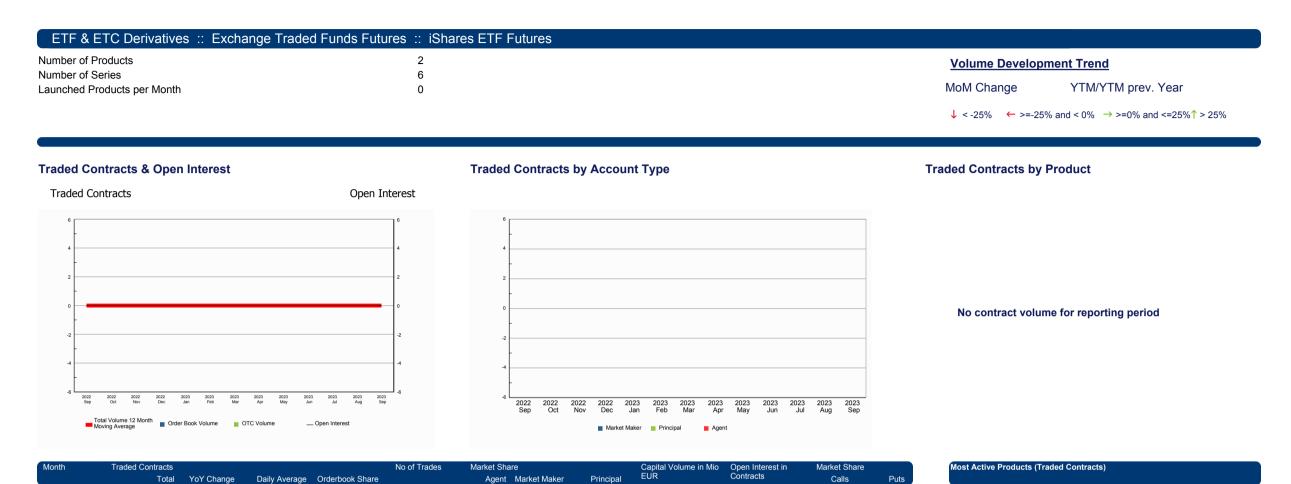












Year	Traded Contracts			No of Trades	Market Share		Capital Volume in Mio		Market Share		
	Total	YoY Change	Daily Average Order Book Share		Agent Market Maker	Principal	EUR	Contracts	Calls	Puts	
2019	0			0			<1	0			
		-100.0%									

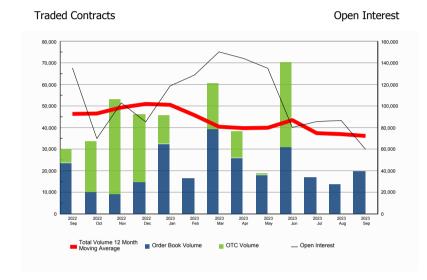


### ETF & ETC Derivatives :: Exchange Traded Funds Options

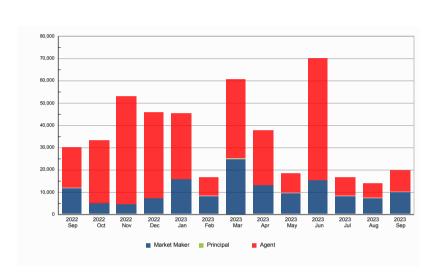
Number of Products 41
Number of Series 16,708
Launched Products per Month 0

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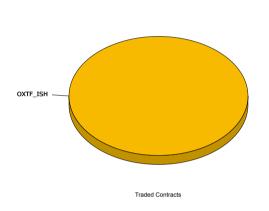
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Class**



Month	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Shar	е
	Total	YoY Change	Daily Average	Orderbook Share		Agent N	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	19,926	-33.7%	949	100.00%	1,019	50.1%	49.9%	0.0%	122	59,747	41.33%	58.67%
Aug 2023	13,882	-27.9%	604	100.00%	896	47.5%	52.5%	0.0%	70	86,595	15.40%	84.60%
Jul 2023	16,877	-81.1%	804	100.00%	650	50.1%	49.9%	0.0%	120	85,535	48.95%	51.05%
Jun 2023	70,315	152.7%	3,196	43.99%	948	77.8%	22.2%	0.0%	521	80,150	8.93%	91.07%
May 2023	18,734	12.7%	852	94.66%	1,269	49.9%	50.1%	0.0%	92	134,910	11.83%	88.17%
Apr 2023	38,070	-17.1%	2,115	68.25%	590	65.9%	34.1%	0.0%	224	144,121	22.32%	77.68%
Mar 2023	60,596	-51.4%	2,635	64.59%	1,738	58.1%	41.2%	0.7%	316	150,163	26.82%	73.18%
Feb 2023	16,600	-77.7%	830	100.00%	1,064	49.6%	50.4%	0.0%	105	128,750	49.21%	50.79%
Jan 2023	45,621	-9.7%	2,074	70.58%	1,625	64.8%	35.2%	0.0%	372	118,615	47.11%	52.89%
Dec 2022	46,100	75.7%	2,195	31.59%	688	84.3%	15.7%	0.0%	337	85,258	33.97%	66.03%
Nov 2022	53,074	168.2%	2,412	17.10%	1,364	91.4%	8.6%	0.0%	409	102,850	34.38%	65.62%
Oct 2022	33,547	7.4%	1,597	29.43%	1,475	84.8%	14.8%	0.4%	266	69,815	3.43%	96.57%
Sep 2022	30,064	-18.1%	1,367	78.18%	1,871	60.5%	39.2%	0.3%	183	135,345	14.99%	85.01%

Most Active Products (Traded Contracts)		
Options on iShares Core FTSE 100 UCITS (Dist)	ISF	8,657
iShares Core EURO STOXX50® UCITS ETF (Dist)	EUN2	7,680
Options on iShares STOXX Europe 600 UCITS ETF (DE)	EXSA	2,030
Options on iShares EURO STOXX Banks 30-15 UCITS ETF (DE)	EXX1	1,110
iShares DAX® UCITS ETF (DE)	EXS1	448
Options on iShares Core MSCI World UCITS ETF	IWDA	1

Year	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average (	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	300,621	-37.2%	1,566	70.94%	9,799	62.3%	37.6%	0.1%	1,941	74,573	27.12%	72.88%
2022	611,386	51.6%	2,379	37.58%	17,830	74.5%	20.5%	5.0%	4,392	134,882	13.90%	86.10%
2021	403,219	-14.3%	1,575	47.82%	15,678	55.7%	25.7%	18.6%	2,333	144,712	22.13%	77.87%
2020	470,433	22.2%	1,845	32.24%	16,546	61.8%	16.8%	21.4%	3,203	134,377	22.34%	77.66%
2019	385,112	532.4%	1,522	20.73%	2,500	65.8%	10.8%	23.4%	2,464	72,370	20.33%	79.67%



### ETF & ETC Derivatives :: Exchange Traded Funds Options :: CS ETF (CH) Options

0

Number of Products 329 Number of Series Launched Products per Month

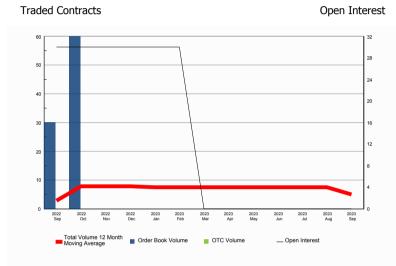
### **Volume Development Trend**

MoM Change

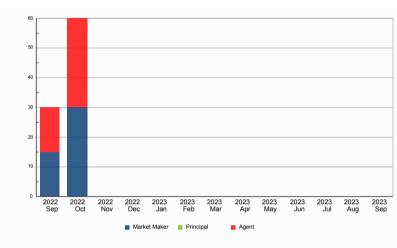
YTM/YTM prev. Year

 $\checkmark$  < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product**

No contract volume for reporting period

st Active Products (Traded Contracts)

Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	0	-100.0%			0				<1	0		
Mar 2023	0				0				<1	0		
Feb 2023	0	-100.0%			0				<1	30		
Jan 2023	0	100.070			0				<1	30		
Dec 2022	0				0				<1	30		
Nov 2022	0				0				<1	30		
Oct 2022	60		3	100.00%	2	50.0%	50.0%	0.0%	<1	30	100.00%	
Sep 2022	30		1	100.00%	1	50.0%	50.0%	0.0%	<1	30	100.00%	

Year	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average Or	rder Book Share		Agent M	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	3 0	-100.0%			0				<1	30		
2022	94	-100.0%	0	100.00%	4	50.0%	50.0%	0.0%	1	30	95.74%	4.26%
2019	0	-100.0%			0				<1	32		



### ETF & ETC Derivatives :: Exchange Traded Funds Options :: db x-trackers ETF Options

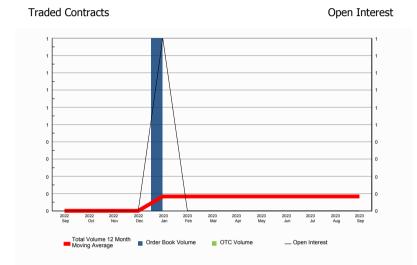
Number of Products3Number of Series720Launched Products per Month0

### **Volume Development Trend**

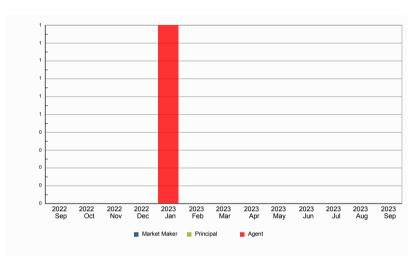
MoM Change YTM/YTM prev. Year

 $\downarrow$  < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

#### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product**

No contract volume for reporting period

**Most Active Products (Traded Contracts)** 

Month	Traded Contracts				No of Trades	Market Share	;		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent I	Market Maker	Principal	EUR	Contracts	Calls	Puts
Feb 2023	0				0				<1	0		
Jan 2023	1		0	100.00%	1	100.0%	0.0%	0.0%	<1	1	1	00.00%

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio		Market Shar	e
	Total	YoY Change	Daily Average C	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	1		0	100.00%	1	100.0%	0.0%	0.0%	<1	1		100.00%
2022	0	-100.0%			0				<1	0		
2021	8	-77.8%	0	100.00%	2	50.0%	50.0%	0.0%	<1	8		100.00%
2020	36	>1000%	0	100.00%	9	51.4%	48.6%	0.0%	<1	25	61.11%	38.89%
2019	1	-95.0%	0	100.00%	1	50.0%	50.0%	0.0%	<1	3	100.00%	



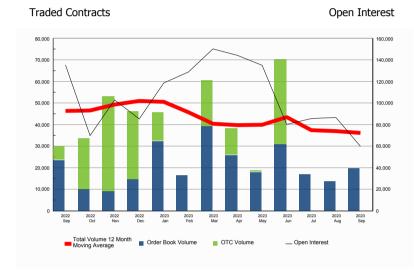
### ETF & ETC Derivatives :: Exchange Traded Funds Options :: iShares ETF Options

Number of Products 37
Number of Series 15,659
Launched Products per Month 0

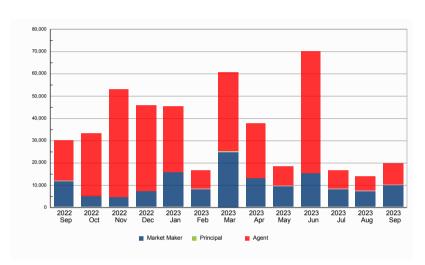
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↓

 $\downarrow$  < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

#### **Traded Contracts & Open Interest**

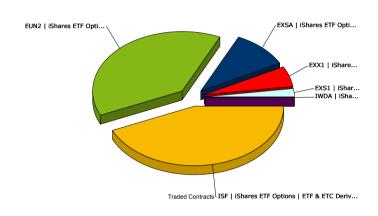


### **Traded Contracts by Account Type**



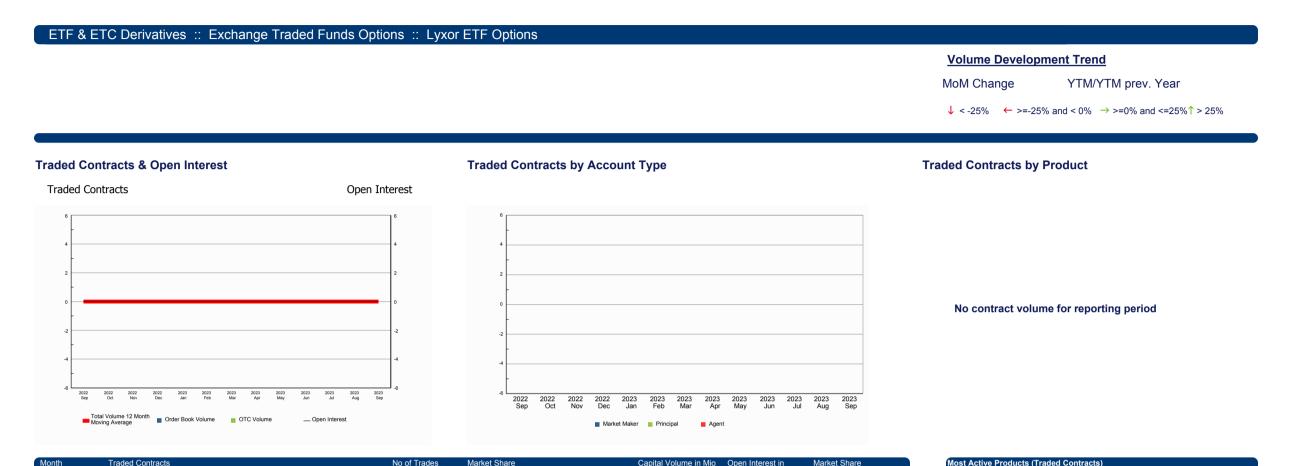
Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Sha	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	19,926	-33.7%	949	100.00%	1,019	50.1%	49.9%	0.0%	122	59,747	41.33%	58.67%
Aug 2023	13,882	-27.9%	604	100.00%	896	47.5%	52.5%	0.0%	70	86,595	15.40%	84.60%
Jul 2023	16,877	-81.1%	804	100.00%	650	50.1%	49.9%	0.0%	120	85,535	48.95%	51.05%
Jun 2023	70,315	152.7%	3,196	43.99%	948	77.8%	22.2%	0.0%	521	80,150	8.93%	91.07%
May 2023	18,734	12.7%	852	94.66%	1,269	49.9%	50.1%	0.0%	92	134,910	11.83%	88.17%
Apr 2023	38,070	-17.1%	2,115	68.25%	590	65.9%	34.1%	0.0%	224	144,121	22.32%	77.68%
Mar 2023	60,596	-51.4%	2,635	64.59%	1,738	58.1%	41.2%	0.7%	316	150,163	26.82%	73.18%
Feb 2023	16,600	-77.7%	830	100.00%	1,064	49.6%	50.4%	0.0%	105	128,720	49.21%	50.79%
Jan 2023	45,620	-9.7%	2,074	70.58%	1,624	64.8%	35.2%	0.0%	372	118,584	47.11%	52.89%
Dec 2022	46,100	75.7%	2,195	31.59%	688	84.3%	15.7%	0.0%	337	85,228	33.97%	66.03%
Nov 2022	53,074	168.2%	2,412	17.10%	1,364	91.4%	8.6%	0.0%	409	102,820	34.38%	65.62%
Oct 2022	33,487	7.2%	1,595	29.30%	1,473	84.9%	14.7%	0.4%	265	69,785	3.26%	96.74%
Sep 2022	30,034	-18.2%	1,365	78.16%	1,870	60.5%	39.2%	0.3%	183	135,315	14.91%	85.09%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	300,620	-37.2%	1,566	70.94%	9,798	62.3%	37.6%	0.1%	1,941	74,542	27.12%	72.88%
2022	611,292	51.6%	2,379	37.57%	17,826	74.5%	20.5%	5.0%	4,391	134,852	13.89%	86.11%
2021	403,211	-14.3%	1,575	47.82%	15,676	55.7%	25.7%	18.6%	2,333	144,704	22.13%	77.87%
2020	470,397	22.1%	1,845	32.24%	16,537	61.8%	16.8%	21.4%	3,203	134,352	22.34%	77.66%
2019	385,111	533.2%	1,522	20.73%	2,499	65.8%	10.8%	23.4%	2,464	72,335	20.33%	79.67%



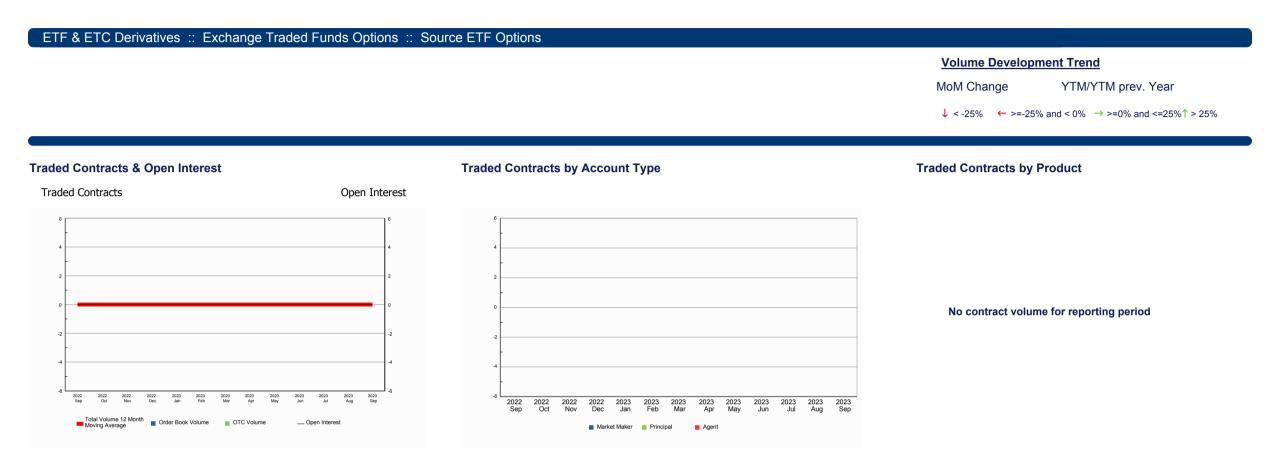
Most Active Products (Traded Contracts)		
Options on iShares Core FTSE 100 UCITS (Dist)	ISF	8,657
iShares Core EURO STOXX50® UCITS ETF (Dist)	EUN2	7,680
Options on iShares STOXX Europe 600 UCITS ETF (DE)	EXSA	2,030
Options on iShares EURO STOXX Banks 30-15 UCITS ETF (DE)	EXX1	1,110
iShares DAX® UCITS ETF (DE)	EXS1	448
Options on iShares Core MSCI World UCITS ETF	IWDA	1













Agent Market Maker

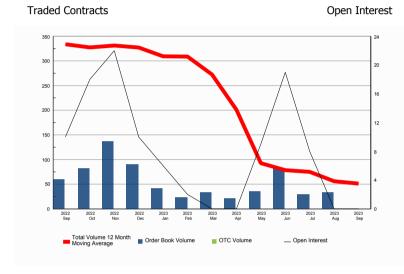


### ETF & ETC Derivatives :: Exchange Traded Commodities Futures

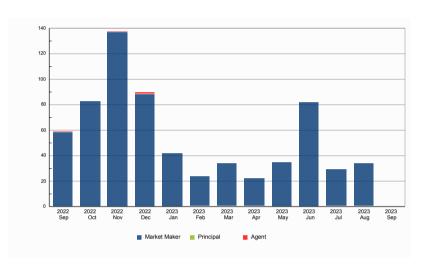
Number of Products3Number of Series32Launched Products per Month0

# YoY Change YTM/YTM prev. Year V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Class**

No contract volume for reporting period

Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	0	-100.0%			0				<1	0		
Aug 2023	34	-87.0%	1	100.00%	9	0.0%	100.0%	0.0%	<1	0		
Jul 2023	29	-58.6%	1	100.00%	10	0.0%	100.0%	0.0%	<1	8		
Jun 2023	82	-67.6%	4	100.00%	22	0.0%	100.0%	0.0%	2	19		
May 2023	35	-97.4%	2	100.00%	12	0.0%	100.0%	0.0%	<1	9		
Apr 2023	22	-97.5%	1	100.00%	8	0.0%	100.0%	0.0%	<1	0		
Mar 2023	34	-92.8%	1	100.00%	14	0.0%	100.0%	0.0%	<1	0		
Feb 2023	24	-20.0%	1	100.00%	12	0.0%	100.0%	0.0%	<1	2		
Jan 2023	42	-83.6%	2	100.00%	13	0.0%	100.0%	0.0%	<1	6		
Dec 2022	90	-35.3%	4	100.00%	20	2.2%	97.8%	0.0%	1	10		
Nov 2022	138	50.0%	6	100.00%	36	0.7%	99.3%	0.0%	2	22		
Oct 2022	83	-48.1%	4	100.00%	31	0.0%	100.0%	0.0%	2	18		
Sep 2022	59	353.8%	3	100.00%	26	0.8%	99.2%	0.0%	1	10		

Year	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	302	-91.6%	2	100.00%	100	0.0%	100.0%	0.0%	7	8		
2022	3,926	871.8%	15	100.00%	2,823	30.2%	69.8%	0.0%	119	10		
2021	404	U.U /U	2	100.00%	116	0.1%	98.4%	1.5%	20	24		



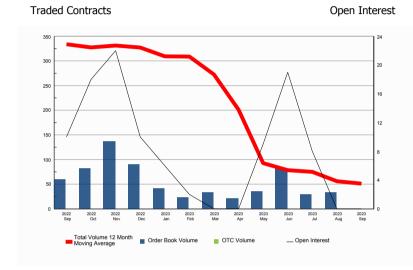
### ETF & ETC Derivatives :: Exchange Traded Commodities Futures :: Deutsche Borse Commodities Futures

Number of Products
Number of Series

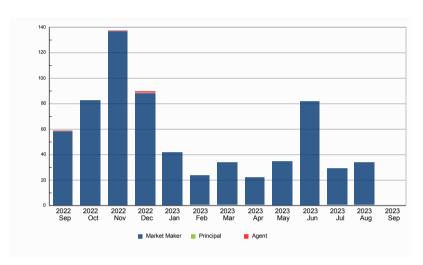
Launched Products per Month

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#### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product**

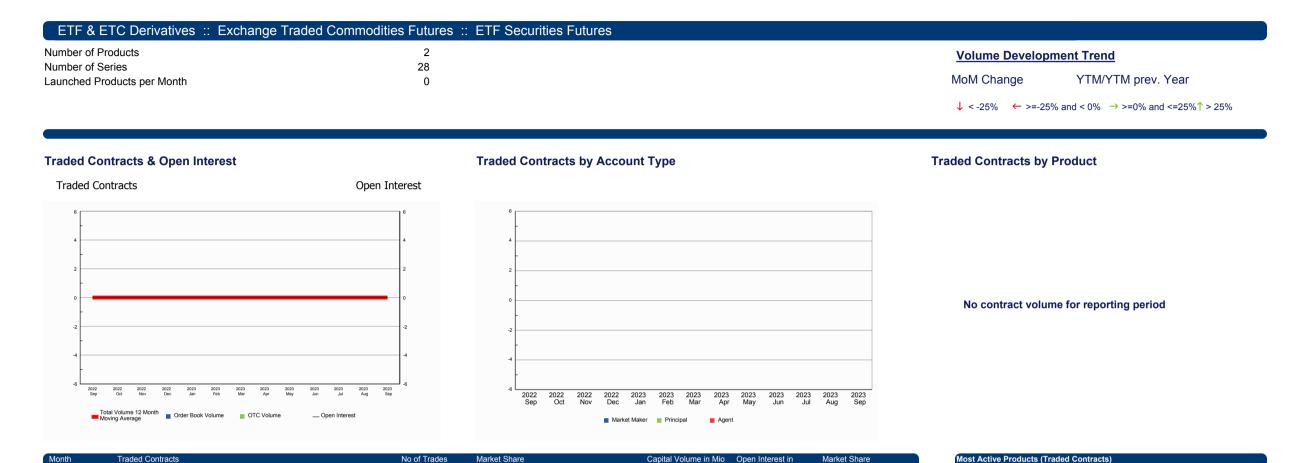
No contract volume for reporting period

Most Active Products (Traded Contracts)											

Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	0	-100.0%			0				<1	0		
Aug 2023	34	-87.0%	1	100.00%	9	0.0%	100.0%	0.0%	<1	0		
Jul 2023	29	-58.6%	1	100.00%	10	0.0%	100.0%	0.0%	<1	8		
Jun 2023	82	-67.6%	4	100.00%	22	0.0%	100.0%	0.0%	2	19		
May 2023	35	-97.4%	2	100.00%	12	0.0%	100.0%	0.0%	<1	9		
Apr 2023	22	-97.5%	1	100.00%	8	0.0%	100.0%	0.0%	<1	0		
Mar 2023	34	-92.8%	1	100.00%	14	0.0%	100.0%	0.0%	<1	0		
Feb 2023	24	-20.0%	1	100.00%	12	0.0%	100.0%	0.0%	<1	2		
Jan 2023	42	-83.6%	2	100.00%	13	0.0%	100.0%	0.0%	<1	6		
Dec 2022	90	-35.3%	4	100.00%	20	2.2%	97.8%	0.0%	1	10		
Nov 2022	138	50.0%	6	100.00%	36	0.7%	99.3%	0.0%	2	22		
Oct 2022	83	-48.1%	4	100.00%	31	0.0%	100.0%	0.0%	2	18		
Sep 2022	59	353.8%	3	100.00%	26	0.8%	99.2%	0.0%	1	10		

Year	Traded Contracts				No of Trades	Market Shar	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	302	-91.6%	2	100.00%	100	0.0%	100.0%	0.0%	7	8		
2022	3,926	871.8%	15	100.00%	2,823	30.2%	69.8%	0.0%	119	10		
2021	404	U.U /U	2	100.00%	116	0.1%	98.4%	1.5%	20	24		







Agent Market Maker



### ETF & ETC Derivatives :: Exchange Traded Commodities Options

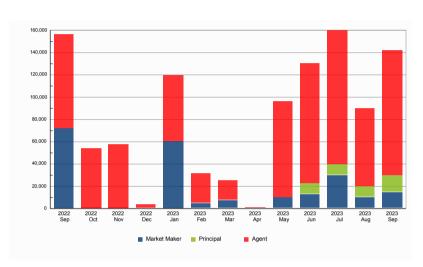
Number of Products 8
Number of Series 8,630
Launched Products per Month 0

# Volume Development Trend YoY Change ← YTM/YTM prev. Year → V < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

### **Traded Contracts & Open Interest**



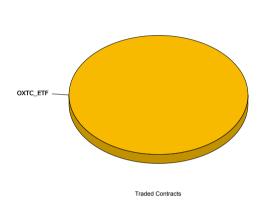
### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Sha	ire
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	142,058	-9.3%	6,765	0.01%	10	78.9%	10.6%	10.6%	482	163,717	8.49%	91.51%
Aug 2023	90,100	960.4%	3,917	0.11%	8	77.7%	11.2%	11.1%	301	191,759		100.00%
Jul 2023	160,000	497.0%	7,619	0.00%	11	75.0%	18.8%	6.3%	518	181,659		100.00%
Jun 2023	130,432	21.9%	5,929	0.00%	15	82.7%	9.6%	7.7%	467	91,660	57.83%	42.17%
May 2023	96,086	127.5%	4,368	0.21%	12	89.5%	10.5%	0.0%	332	124,502	6.33%	93.67%
Apr 2023	353	-98.1%	20	100.00%	11	71.2%	28.8%	0.0%	<1	60,940	99.43%	0.57%
Mar 2023	25,304	279.2%	1,100	1.20%	8	69.8%	30.2%	0.0%	87	60,587	1.20%	98.80%
Feb 2023	31,760	-82.8%	1,588	0.63%	8	83.9%	16.1%	0.0%	111	100,608	21.28%	78.72%
Jan 2023	120,151	33.4%	5,461	0.13%	10	49.9%	50.1%	0.0%	410	107,999	0.08%	99.92%
Dec 2022	4,000	-93.3%	190	0.00%	2	100.0%	0.0%	0.0%	15	57,848	100.00%	
Nov 2022	57,925 1	>1000%	2,633	0.35%	9	99.7%	0.3%	0.0%	230	57,950	100.00%	
Oct 2022	54,105	-39.9%	2,576	0.19%	14	99.9%	0.1%	0.0%	172	91,241	0.19%	99.81%
Sep 2022	156,552	-13.6%	7,116	0.03%	17	53.6%	46.4%	0.0%	559	57,138	4.10%	95.90%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	e
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	796,244	24.2%	4,147	0.17%	93	75.4%	18.9%	5.7%	2,709	163,719	12.70%	87.30%
2022	756,968	-47.9%	2,945	0.69%	114	68.9%	29.7%	1.3%	2,701	57,866	24.27%	75.73%
2021	1,453,497	-81.2%	5,678	0.45%	204	72.0%	26.5%	1.4%	4,228	60,113	29.57%	70.43%
2020	7,731,718	-4.2%	30,320	0.37%	424	54.9%	40.3%	4.8%	22,368	164,200	25.66%	74.34%
2019	8,071,688	480.0%	31,904	0.20%	237	58.2%	31.2%	10.6%	20,006	430,513	1.26%	98.74%

### **Traded Contracts by Product Class**



Most Active Products (Traded Contracts)		
ISHARES PHYSICAL GOLD	IGLN	142,041
WisdomTree WTI Crude Oil	OCRU	17



### ETF & ETC Derivatives :: Exchange Traded Commodities Options :: Deutsche Borse Commodities Options

Number of Products 1,959 Number of Series Launched Products per Month

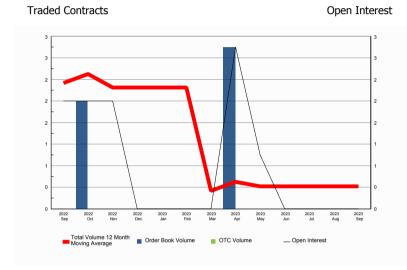
### **Volume Development Trend**

MoM Change

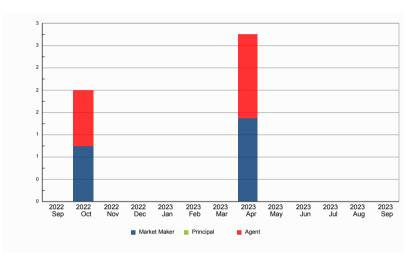
YTM/YTM prev. Year

 $\checkmark$  < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product**

No contract volume for reporting period

Most Active Products (Traded Contracts)

Month	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Shar	е
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Jun 2023	0				0				<1	0		
May 2023	0	-100.0%			0				<1	1		
Apr 2023	3	200.0%	0	100.00%	3	50.0%	50.0%	0.0%	<1	3	33.33%	66.67%
Mar 2023	0	-100.0%			0				<1	0		
Dec 2022	0	-100.0%			0				<1	0		
Nov 2022	0	-100.070			0				<1	2		
Oct 2022	2		0	100.00%	2	50.0%	50.0%	0.0%	<1	2		100.00%
Sep 2022	0				0				<1	2		

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	3	-88.0%	0	100.00%	3	50.0%	50.0%	0.0%	<1	1	33.33%	66.67%
2022	27	50.0%	0	100.00%	11	50.0%	50.0%	0.0%	<1	2	40.74%	59.26%
2021	18	-88.8%	0	100.00%	15	58.3%	41.7%	0.0%	<1	1	33.33%	66.67%
2020	161	-87.1%	1	100.00%	33	59.0%	41.0%	0.0%	<1	8	31.68%	68.32%
2019	1,252	0.0%	5	100.00%	30	50.2%	44.9%	4.9%	5	2	77.32%	22.68%

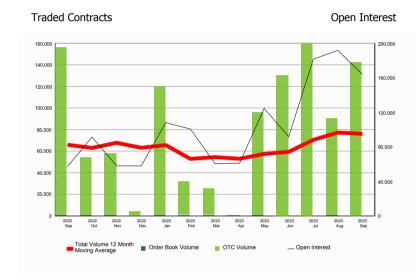


### ETF & ETC Derivatives :: Exchange Traded Commodities Options :: ETF Securities Options

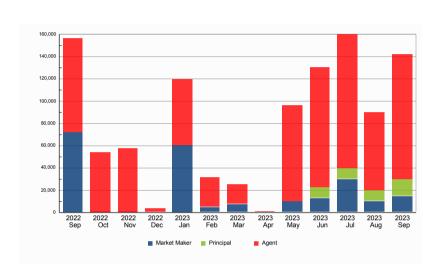
Number of Products 7
Number of Series 6,671
Launched Products per Month 0

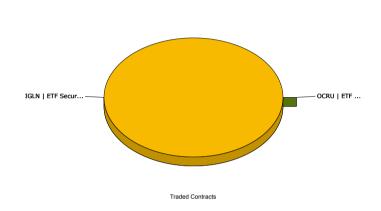
# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year $\rightarrow$ $\downarrow$ < -25% $\leftarrow$ >=-25% and < 0% $\rightarrow$ >=0% and <=25%↑ > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**





Most Active Products (Traded Contracts)		
ISHARES PHYSICAL GOLD	IGLN	142,041
WisdomTree WTI Crude Oil	OCRU	17

Month	Traded Contracts				No of Trades	Market Shai	re e		Capital Volume in Mio	Open Interest in	Market Sha	ire
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	142,058	-9.3%	6,765	0.01%	10	78.9%	10.6%	10.6%	482	163,717	8.49%	91.51%
Aug 2023	90,100	960.4%	3,917	0.11%	8	77.7%	11.2%	11.1%	301	191,759		100.00%
Jul 2023	160,000	497.0%	7,619	0.00%	11	75.0%	18.8%	6.3%	518	181,659		100.00%
Jun 2023	130,432	21.9%	5,929	0.00%	15	82.7%	9.6%	7.7%	467	91,660	57.83%	42.17%
May 2023	96,086	127.5%	4,368	0.21%	12	89.5%	10.5%	0.0%	332	124,501	6.33%	93.67%
Apr 2023	350	-98.1%	19	100.00%	8	71.4%	28.6%	0.0%	<1	60,937	100.00%	
Mar 2023	25,304	280.5%	1,100	1.20%	8	69.8%	30.2%	0.0%	87	60,587	1.20%	98.80%
Feb 2023	31,760	-82.8%	1,588	0.63%	8	83.9%	16.1%	0.0%	111	100,608	21.28%	78.72%
Jan 2023	120,151	33.4%	5,461	0.13%	10	49.9%	50.1%	0.0%	410	107,999	0.08%	99.92%
Dec 2022	4,000	-93.3%	190	0.00%	2	100.0%	0.0%	0.0%	15	57,848	100.00%	
Nov 2022	57,925	-39.9%	2,633	0.35%	9	99.7%	0.3%	0.0%	230	57,948	100.00%	
Oct 2022	54,103	-13.6%	2,576	0.19%	12	99.9%	0.1%	0.0%	172	91,239	0.19%	99.81%
Sep 2022	156,552	-13.6%	7,116	0.03%	17	53.6%	46.4%	0.0%	559	57,136	4.10%	95.90%

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	796,241	24.2%	4,147	0.17%	90	75.4%	18.9%	5.7%	2,709	163,718	12.70%	87.30%
2022	756,941	-47.9%	2,945	0.68%	103	68.9%	29.7%	1.3%	2,701	57,864	24.27%	75.73%
2021	1,453,479	-81.2%	5,678	0.45%	189	72.0%	26.5%	1.4%	4,228	60,112	29.57%	70.43%
2020	7,731,557	-4.2%	30,320	0.37%	391	54.9%	40.3%	4.8%	22,367	164,192	25.66%	74.34%
2019	8,070,436	479.9%	31,899	0.18%	207	58.2%	31.2%	10.6%	20,001	430,511	1.25%	98.75%



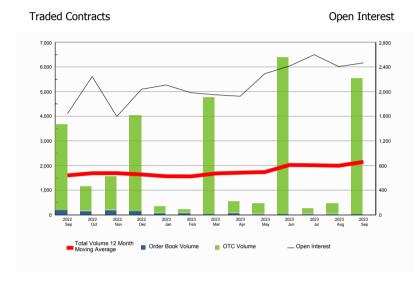
### Commodity Derivatives

Number of Products23Number of Series610Launched Products per Month0

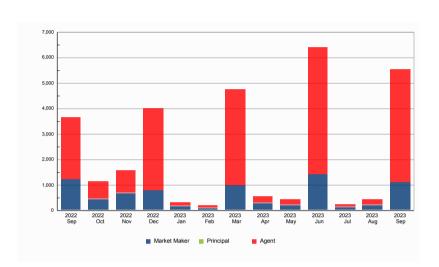
### **Volume Development Trend**

 $\downarrow$  < -25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

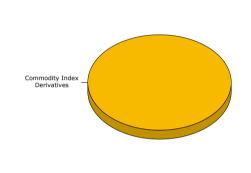
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Type**



Traded Contracts

Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Sha	re
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
Sep 2023	5,535	50.2%	264	0.54%	38	79.8%	20.2%	0.0%	247	2,466	0.00%	100.00%
Aug 2023	456	-32.6%	20	3.95%	20	49.8%	50.2%	0.0%	18	2,406	0.00%	100.00%
Jul 2023	267	-34.6%	13	11.61%	16	53.6%	46.4%	0.0%	10	2,598	0.00%	100.00%
Jun 2023	6,409	116.9%	291	0.17%	54	77.6%	22.4%	0.0%	281	2,415	0.00%	100.00%
May 2023	450	176.1%	20	5.33%	19	51.1%	48.9%	0.0%	16	2,290	0.00%	100.00%
Apr 2023	569	214.4%	32	10.54%	32	51.1%	48.9%	0.0%	21	1,924	0.00%	100.00%
Mar 2023	4,757	42.6%	207	0.15%	45	79.1%	20.9%	0.0%	213	1,948	0.00%	100.00%
Feb 2023	212	-20.3%	11	31.60%	24	50.0%	50.0%	0.0%	9	1,981	0.00%	100.00%
Jan 2023	328	-72.8%	15	17.07%	16	50.0%	50.0%	0.0%	13	2,107	0.00%	100.00%
Dec 2022	4,027	-13.2%	192	3.45%	48	80.5%	19.5%	0.0%	189	2,038	0.00%	100.00%
Nov 2022	1,576	0.0%	72	11.74%	29	56.3%	43.7%	0.0%	149	1,595	0.00%	100.00%
Oct 2022	1,171	994.4%	56	10.67%	41	63.4%	36.6%	0.0%	65	2,244	0.00%	100.00%
Sep 2022	3,684	-54.1%	167	4.86%	29	66.2%	33.8%	0.0%	239	1,642	0.00%	100.00%

Most Active Products (Traded Cont	racts)		
Bloomberg Precious Metals Subindex	Future	FCPR	3,314
Bloomberg Industrial Metals Subindex	Future	FCIN	1,251
Bloomberg Petroleum Subindex	Future	FCPE	539
Bloomberg Energy Subindex	Future	XLEN	407
Bloomberg ex-Agriculture & Livestock Subindex	Future	FCXB	24

Year	Traded Contracts			No of Trades Market Share						Market Share		
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
2023	18,983	47.4%	99	1.60%	264	75.4%	24.6%	0.0%	828	2,466	0.00%	100.00%
2022	19,651	-40.0%	76	10.44%	364	67.1%	32.9%	0.0%	1,147	2,821	0.00%	100.00%
2021	32,729	1.7%	128	7.31%	336	53.1%	46.9%	0.0%	1,798	2,722	0.00%	100.00%
2020	32,170	-30.5%	126	7.78%	374	49.9%	49.4%	0.6%	1,169	2,023	0.00%	100.00%
2019	46,287	-9.9%	183	5.69%	385	50.6%	49.3%	0.1%	2,276	2,025	0.00%	100.00%

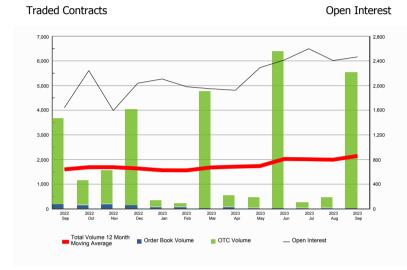


### Commodity Derivatives :: Commodity Index Derivatives

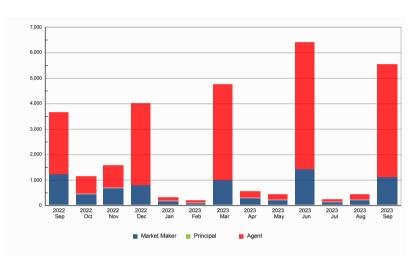
Number of Products23Number of Series610Launched Products per Month0

# Volume Development Trend YoY Change ↑ YTM/YTM prev. Year ↑ ↓ <-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

### **Traded Contracts & Open Interest**



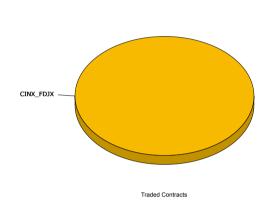
### **Traded Contracts by Account Type**



Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	5,535	50.2%	264	0.54%	38	79.8%	20.2%	0.0%	247	2,466		
Aug 2023	456	-32.6%	20	3.95%	20	49.8%	50.2%	0.0%	18	2,406		
Jul 2023	267	-34.6%	13	11.61%	16	53.6%	46.4%	0.0%	10	2,598		
Jun 2023	6,409	116.9%	291	0.17%	54	77.6%	22.4%	0.0%	281	2,415		
May 2023	450	176.1%	20	5.33%	19	51.1%	48.9%	0.0%	16	2,290		
Apr 2023	569	214.4%	32	10.54%	32	51.1%	48.9%	0.0%	21	1,924		
Mar 2023	4,757	42.6%	207	0.15%	45	79.1%	20.9%	0.0%	213	1,948		
Feb 2023	212	-20.3%	11	31.60%	24	50.0%	50.0%	0.0%	9	1,981		
Jan 2023	328	-72.8%	15	17.07%	16	50.0%	50.0%	0.0%	13	2,107		
Dec 2022	4,027	-13.2%	192	3.45%	48	80.5%	19.5%	0.0%	189	2,038		
Nov 2022	1,576	0.0%	72	11.74%	29	56.3%	43.7%	0.0%	149	1,595		
Oct 2022	1,171	994.4%	56	10.67%	41	63.4%	36.6%	0.0%	65	2,244		
Sep 2022	3,684	-54.1%	167	4.86%	29	66.2%	33.8%	0.0%	239	1,642		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
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2022	19,651	-40.0%	76	10.44%	364	67.1%	32.9%	0.0%	1,147	2,821		
2021	32,729	1.7%	128	7.31%	336	53.1%	46.9%	0.0%	1,798	2,722		
2020	32,170	-30.5%	126	7.78%	374	49.9%	49.4%	0.6%	1,169	2,023		
2019	46,287	-9.9%	183	5.69%	385	50.6%	49.3%	0.1%	2,276	2,025		

### **Traded Contracts by Product Class**



Most Active Products (Traded Contract	cts)	
Bloomberg Precious Metals Subindex	FCPR	3,314
Bloomberg Industrial Metals Subindex	FCIN	1,251
Bloomberg Petroleum Subindex	FCPE	539
Bloomberg Energy Subindex	XLEN	407
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### Commodity Derivatives :: Commodity Index Derivatives :: Commodity Index Futures

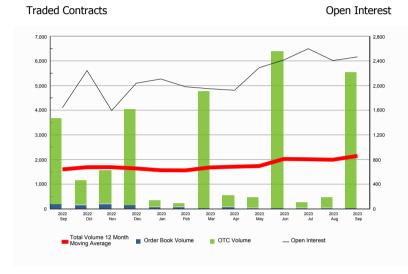
Number of Products22Number of Series250Launched Products per Month0

### **Volume Development Trend**

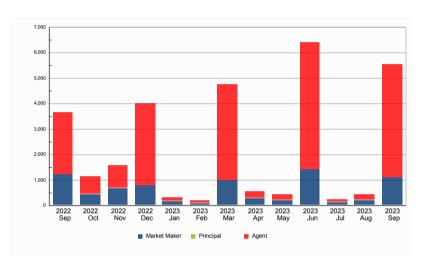
MoM Change ↑ YTM/YTM prev. Year ↑

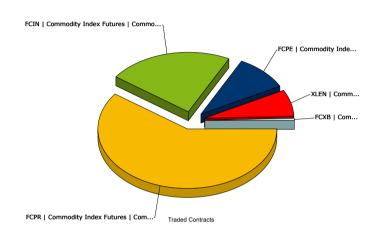
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### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



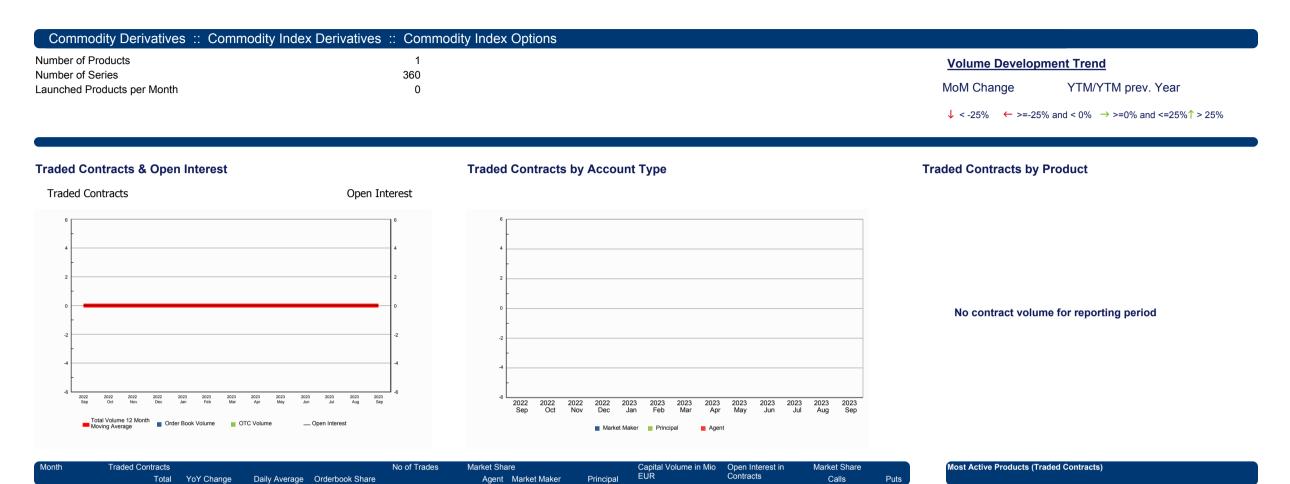


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Jul 2023	267	-34.6%	13	11.61%	16	53.6%	46.4%	0.0%	10	2,598		
Jun 2023	6,409	116.9%	291	0.17%	54	77.6%	22.4%	0.0%	281	2,415		
May 2023	450	176.1%	20	5.33%	19	51.1%	48.9%	0.0%	16	2,290		
Apr 2023	569	214.4%	32	10.54%	32	51.1%	48.9%	0.0%	21	1,924		
Mar 2023	4,757	42.6%	207	0.15%	45	79.1%	20.9%	0.0%	213	1,948		
Feb 2023	212	-20.3%	11	31.60%	24	50.0%	50.0%	0.0%	9	1,981		
Jan 2023	328	-72.8%	15	17.07%	16	50.0%	50.0%	0.0%	13	2,107		
Dec 2022	4,027	-13.2%	192	3.45%	48	80.5%	19.5%	0.0%	189	2,038		
Nov 2022	1,576	0.0%	72	11.74%	29	56.3%	43.7%	0.0%	149	1,595		
Oct 2022	1,171	994.4%	56	10.67%	41	63.4%	36.6%	0.0%	65	2,244		
Sep 2022	3,684	-54.1%	167	4.86%	29	66.2%	33.8%	0.0%	239	1,642		

Most Active Products (Traded Contracts)		
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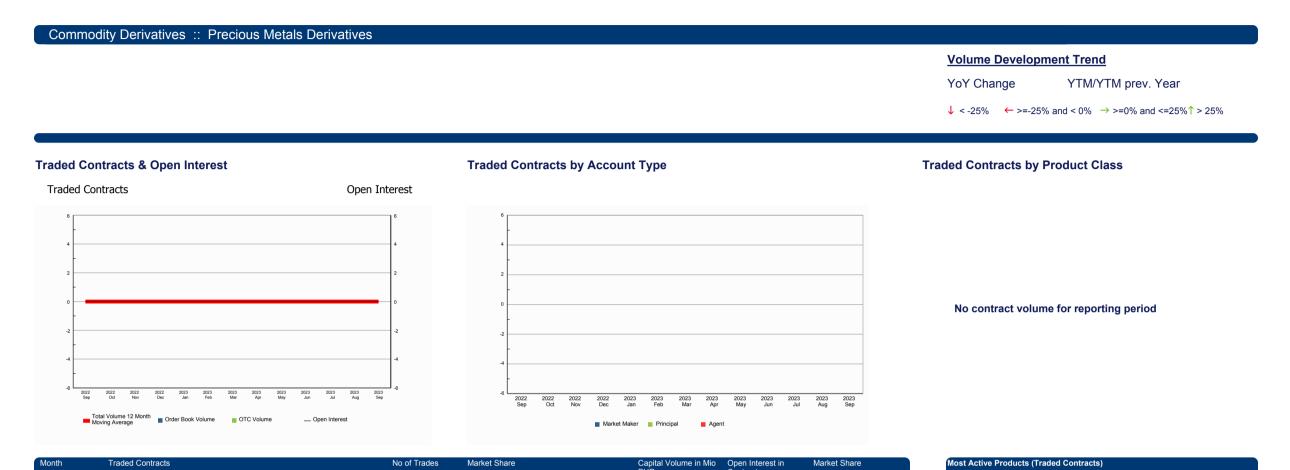
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2022	19,651	-40.0%	76	10.44%	364	67.1%	32.9%	0.0%	1,147	2,821		
2021	32,729	1.7%	128	7.31%	336	53.1%	46.9%	0.0%	1,798	2,722		
2020	32,170	-30.5%	126	7.78%	374	49.9%	49.4%	0.6%	1,169	2,023		
2019	46,287	-9.9%	183	5.69%	385	50.6%	49.3%	0.1%	2,276	2,025		

















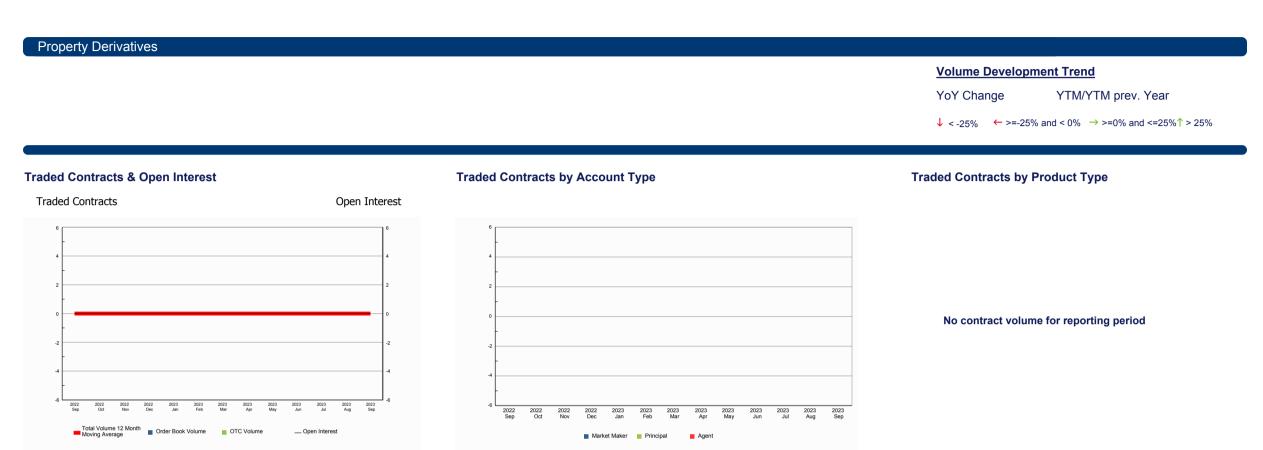
Agent Market Maker

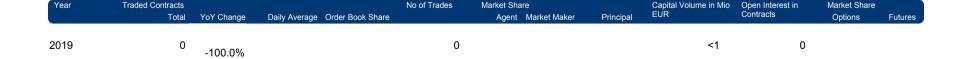




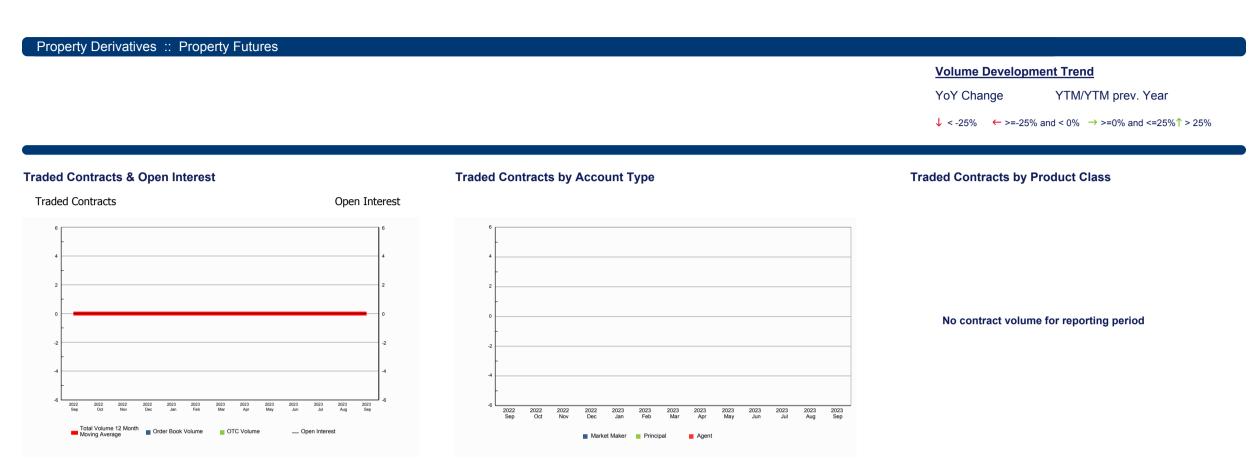
Agent Market Maker

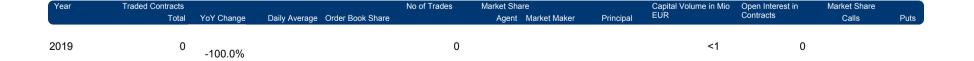














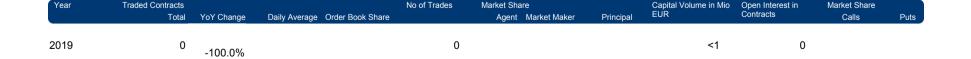




MoM Change YTM/YTM prev. Year

 $\downarrow$  < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

# Traded Contracts & Open Interest Traded Contracts by Account Type Traded Contracts by Product Traded Contracts by Product Traded Contracts by Account Type Traded Contracts by Product No contract volume for reporting period \*\*No contract volume for reporting period\*\* \*\*No contract volume for reporting period\*\*





### Interest Rate Derivatives

Number of Products28Number of Series7,092Launched Products per Month0

### 

### **Traded Contracts & Open Interest**

Total

71,705,568

54,861,655

48,031,676

72,088,464

55,541,263

41,482,513

99,676,513

61,371,067

54,735,567

58,034,390

47,362,014

53,147,721

83,701,518

Sep 2023

Aug 2023

Jul 2023

Jun 2023

May 2023

Apr 2023

Mar 2023

Feb 2023

Jan 2023

Dec 2022

Nov 2022

Oct 2022

Sep 2022

YoY Change

-14.3%

10.9%

-4.6%

-12.1%

-7.5%

-15.6%

22.7%

-6.5%

21.1%

24.1%

-5.8%

1.8%

29.6%

3,414,551

2,385,289

2,287,223

3,276,748

2,524,603

2,304,584

4,333,761

3,068,553

2,487,980

2,763,542

2,152,819

2,530,844

3,804,614

85.80%

86.66%

88.21%

88.41%

88.00%

88.41%

85.80%

84.90%

84.26%

85.19%

86.68%

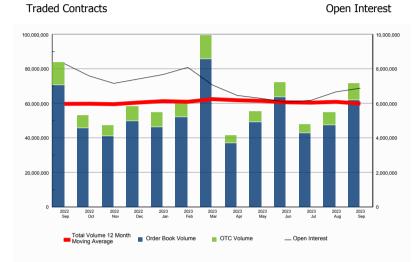
86.13%

84.46%

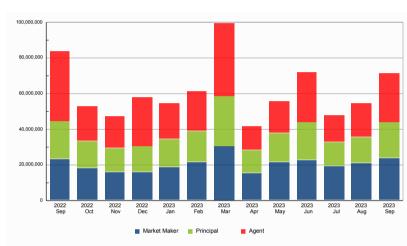
9,050,272

11,459,862

13,311,155



### **Traded Contracts by Account Type**



p		2022 2022 Sep Oct	2022 2022 20 Nov Dec J	23 2023 2023 2023 an Feb Mar Apr	2023 2023 2023 May Jun Jul	2023 2023 Aug Sep	
			■ Market Ma	aker Principal Age	nt		
No of Trades	Market Share			Capital Volume in Mio EUR	Open Interest in Contracts	Market Share	
0.440.050		Market Maker	Principal			Options	Futures
8,112,652	39.0%	32.8%	28.2%	8,506,555	6,876,773		94.26%
7,808,027	35.5%	38.6%	25.9%	6,550,492	6,659,658	5.33%	94.67%
7,605,546	31.6%	39.6%	28.8%	5,802,310	6,174,497	6.84%	93.16%
8,924,709	39.1%	31.8%	29.1%	8,714,453	6,067,013	4.11%	95.89%
8,828,817	32.3%	38.7%	29.0%	6,750,709	6,278,819	5.73%	94.27%
7,212,173	31.4%	37.5%	31.2%	5,061,387	6,457,532	6.45%	93.55%
16,110,724	41.1%	30.4%	28.4%	11,948,739	7,059,245	7.52%	92.48%
8,748,363	36.6%	34.8%	28.6%	7,438,898	8,080,796	8.95%	91.05%
9,205,207	36.9%	34.3%	28.8%	6,804,565	7,668,813	10.66%	89.34%
8,046,368	47.5%	27.6%	24.9%	7,257,543	7,410,544	8.48%	91.52%

5,924,770

6,577,497

10,524,732

7,154,409

7,587,362

8,294,977

6.35%

8.02%

7.95%

93.65%

91.98%

92.05%

Year	Traded Contracts				No of Trades	Market Shar	e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
2023	559,494,286	-1.3%	2,914,033	86.59%	82,556,218	36.7%	34.7%	28.6%	67,578,108	6,896,283	6.79%	93.21%
2022	725,273,605	20.2%	2,822,076	85.01%	116,494,396	42.1%	30.6%	27.3%	96,910,504	7,411,817	8.65%	91.35%
2021	603,193,315	14.1%	2,356,224	85.94%	68,113,260	39.5%	35.2%	25.2%	91,894,296	7,135,073	8.80%	91.20%
2020	528,515,769	-5.8%	2,072,611	85.90%	66,392,195	41.4%	32.1%	26.5%	79,757,019	6,516,415	8.40%	91.60%
2019	560,774,953	-10.8%	2,216,502	83.19%	56,790,998	42.6%	29.2%	28.2%	83,105,985	6,814,239	11.61%	88.39%

38.0%

37.0%

46.8%

33.2%

34.5%

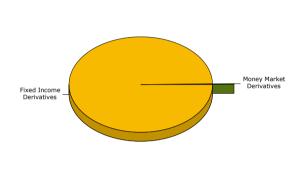
27.8%

28.8%

28.5%

25.4%

### **Traded Contracts by Product Type**



Traded Contracts

Most Active Products (Traded Co	ontracts)		
Euro-Bund Futures	Future	FGBL	19,401,826
Euro-Bobl Futures	Future	FGBM	16,655,617
Euro-Schatz Futures	Future	FGBS	15,995,987
Euro-BTP Futures	Future	FBTP	4,868,155
Euro-OAT-Futures	Future	FOAT	4,773,558
Short Term Euro-BTP- Futures	Future	FBTS	3,131,143
Options on Euro-Bund Futures	Option	OGBL	3,049,491
Euro-Buxl® Futures	Future	FGBX	2,445,208
Options on Euro-Bobl Futures	Option	OGBM	524,302
Options on Euro-Schatz Futures	Option	OGBS	479,355



### Interest Rate Derivatives :: Fixed Income Derivatives

20 Number of Products 4,157 Number of Series Launched Products per Month

### **Volume Development Trend** YoY Change YTM/YTM prev. Year < $\downarrow$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

### **Traded Contracts & Open Interest**

Sep 2023

Aug 2023

Jul 2023

Jun 2023

May 2023

Apr 2023

Mar 2023

Feb 2023

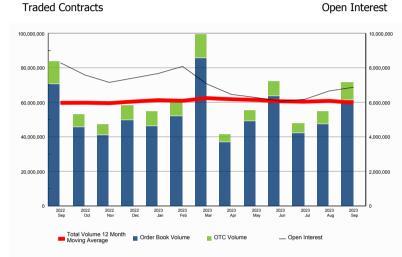
Jan 2023

Dec 2022

Nov 2022

Oct 2022

Sep 2022



YoY Change

71,444,972

54,713,013

47,947,520

72,005,495

55,537,027

41,482,161

99,675,694

61,370,488

54,735,286

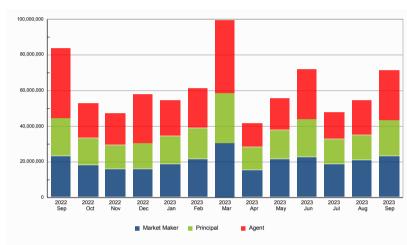
58,034,308

47,361,672

53,147,059

83,700,861

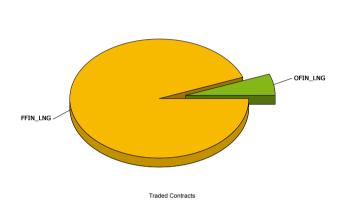
### **Traded Contracts by Account Type**



						Walketivi	akci i ilicipai Agei			
			No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
YoY Change	Daily Average	Orderbook Share	110 01 11000		Market Maker	Principal	EUR	Contracts	Calls	Puts
-14.6%	3,402,142	85.75%	8,085,838	39.2%	32.5%	28.3%	8,443,232	6,871,999	3.58%	2.18%
10.6%	2,378,827	86.63%	7,791,021	35.6%	38.5%	26.0%	6,514,262	6,656,188	3.04%	2.31%
-4.7%	2,283,215	88.19%	7,594,821	31.7%	39.5%	28.9%	5,782,071	6,172,785	4.76%	2.10%
-12.2%	3,272,977	88.40%	8,908,259	39.1%	31.7%	29.2%	8,694,477	6,064,952	2.55%	1.56%
-7.5%	2,524,410	88.00%	8,828,016	32.3%	38.7%	29.0%	6,749,681	6,277,863	3.14%	2.59%
-15.6%	2,304,565	88.41%	7,212,101	31.4%	37.5%	31.2%	5,061,302	6,457,073	3.01%	3.44%
22.7%	4,333,726	85.80%	16,110,640	41.1%	30.4%	28.4%	11,948,541	7,058,744	2.85%	4.67%
-6.5%	3,068,524	84.90%	8,748,306	36.6%	34.8%	28.6%	7,438,758	8,079,959	3.21%	5.74%
21.1%	2,487,968	84.26%	9,205,166	36.9%	34.3%	28.8%	6,804,496	7,667,807	3.07%	7.59%
24.1%	2,763,538	85.19%	8,046,359	47.5%	27.6%	24.9%	7,257,523	7,409,455	1.36%	7.12%
-5.8%	2,152,803	86.68%	9,050,250	38.0%	33.2%	28.8%	5,924,687	7,153,015	3.32%	3.04%
1.8%	2,530,812	86.13%	11,459,820	37.0%	34.5%	28.5%	6,577,337	7,585,798	3.50%	4.52%
29.6%	3,804,585	84.46%	13,311,122	46.8%	27.8%	25.4%	10,524,571	8,293,158	2.63%	5.31%

Year	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average O	rder Book Share		Agent N	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	558,911,656	-1.4%	2,910,998	86.58%	82,484,168	36.7%	34.6%	28.6%	67,436,820	6,891,509	3.19%	3.61%
2022	725,266,744	20.2%	2,822,050	85.01%	116,493,868	42.1%	30.6%	27.3%	96,908,808	7,410,678	2.97%	5.68%
2021	603,177,377	14.1%	2,356,162	85.94%	68,112,837	39.5%	35.2%	25.2%	91,890,292	7,131,214	3.19%	5.62%
2020	528,479,192	-5.8%	2,072,467	85.90%	66,391,538	41.4%	32.1%	26.5%	79,747,981	6,509,881	3.58%	4.82%
2019	560,736,041	-10.8%	2,216,348	83.19%	56,790,030	42.6%	29.2%	28.2%	83,096,388	6,807,933	4.91%	6.70%

### **Traded Contracts by Product Class**



Most Active Products (Traded Contracts)		
Euro-Bund Futures	FGBL	19,401,826
Euro-Bobl Futures	FGBM	16,655,617
Euro-Schatz Futures	FGBS	15,995,987
Euro-BTP Futures	FBTP	4,868,155
Euro-OAT-Futures	FOAT	4,773,558
Short Term Euro-BTP- Futures	FBTS	3,131,143
Options on Euro-Bund Futures	OGBL	3,049,491
Euro-Buxl® Futures	FGBX	2,445,208
Options on Euro-Bobl Futures	OGBM	524,302
Options on Euro-Schatz Futures	OGBS	479,355
·		

45

0



### Interest Rate Derivatives :: Fixed Income Derivatives :: Fixed Income Futures

Number of Products
Number of Series
Launched Products per Month

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year $\rightarrow$ $\downarrow$ < -25% $\leftarrow$ >=-25% and < 0% $\rightarrow$ >=0% and <=25%↑ > 25%

### **Traded Contracts & Open Interest**

Total

67,328,076

51,788,165

44,661,771

69,042,348

52,355,239

38,805,452

92,176,125

55,877,973

48,900,225

53,112,926

44,353,000

48,884,398

77,048,196

Sep 2023

Aug 2023

Jul 2023

Jun 2023

May 2023

Apr 2023

Mar 2023

Feb 2023

Jan 2023

Dec 2022

Nov 2022

Oct 2022

Sep 2022

YoY Change

-12.6%

14.4%

-3.0%

-10.1%

-6.7%

-13.0%

27.4%

-4.3%

23.7%

24.5%

-1.8%

3.2%

29.3%

3,206,099

2,251,659

2,126,751

3,138,289

2,379,784

2,155,858

4,007,658

2,793,899

2,222,738

2,529,187

2,016,045

2,327,828

3,502,191

88.74%

89.72%

92.32%

90.82%

91.51%

92.37%

90.78%

90.85%

91.26%

91.12%

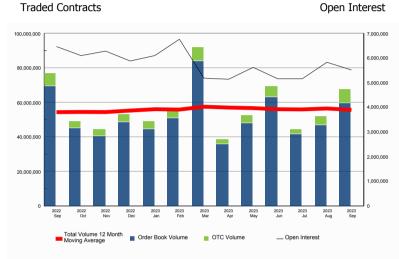
90.64%

91.64%

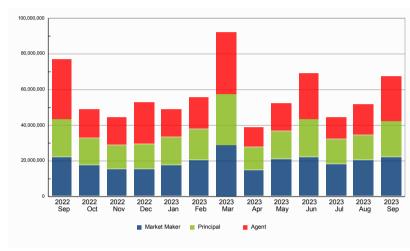
90.15%

11,423,701

13,275,298



### **Traded Contracts by Account Type**



		Sep Oct	Nov Dec	Jan Feb Mar Apr	May Jun Ju	l Aug Sep	
			■ Market M	aker Principal Ager	nt		
No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Share	
	Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
8,050,005	36.9%	33.1%	30.0%	7,926,149	5,509,987		
7,761,723	33.2%	39.5%	27.4%	6,146,009	5,824,245		
7,565,767	28.2%	40.8%	30.9%	5,362,013	5,156,196		
8,879,630	37.5%	32.2%	30.4%	8,313,303	5,155,478		
8,800,184	29.5%	39.8%	30.7%	6,346,329	5,617,199		
7,189,592	28.2%	38.6%	33.2%	4,723,989	5,134,323		
16,063,921	37.9%	31.4%	30.7%	11,032,747	5,179,930		
8,718,248	32.2%	36.5%	31.4%	6,753,444	6,757,559		
9,167,999	31.7%	36.1%	32.2%	6,049,101	6,095,754		
8,014,425	44.3%	28.6%	27.2%	6,612,870	5,875,967		
9,022,152	35.1%	34.2%	30.7%	5,527,767	6,277,068		

6,028,382

9,690,302

6,094,860

6,461,405

Year	Traded Contracts				No of Trades	Market Sha	re				Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	520,935,374	0.9%	2,713,205	90.79%	82,197,069	33.6%	35.7%	30.7%	62,653,085	5,509,992		
2022	662,518,299	20.4%	2,577,892	90.77%	116,087,822	38.4%	31.8%	29.8%	88,194,791	5,875,982		
2021	550,079,263	13.6%	2,148,747	90.79%	67,721,605	36.2%	36.3%	27.5%	83,445,306	5,262,704		
2020	484,095,152	-2.3%	1,898,412	90.68%	65,967,083	38.1%	33.0%	28.9%	72,894,158	4,632,343		
2019	495,640,753	-10.0%	1,959,054	89.85%	56,191,764	38.1%	30.2%	31.7%	72,943,727	5,189,003		

32.9%

43.7%

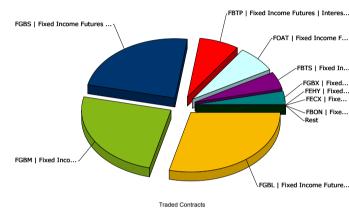
36.1%

28.8%

30.9%

27.5%

### **Traded Contracts by Product**



Most Active Products (Traded Contracts)		
Euro-Bund Futures	FGBL	19,401,826
Euro-Bobl Futures	FGBM	16,655,617
Euro-Schatz Futures	FGBS	15,995,987
Euro-BTP Futures	FBTP	4,868,155
Euro-OAT-Futures	FOAT	4,773,558
Short Term Euro-BTP- Futures	FBTS	3,131,143
Euro-Buxl® Futures	FGBX	2,445,208
BBG EURO HIGH YIELD IDX	FEHY	27,637
BBG Barc MSCI EU IG SRI TR	FECX	18,136
Euro-Bono Futures	FBON	7,718

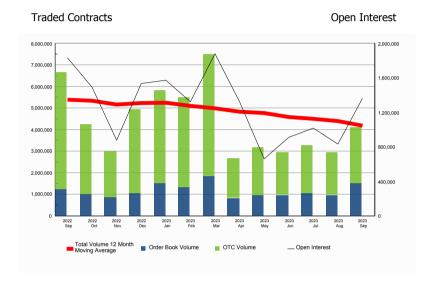


### Interest Rate Derivatives :: Fixed Income Derivatives :: Options on Fixed Income Futures

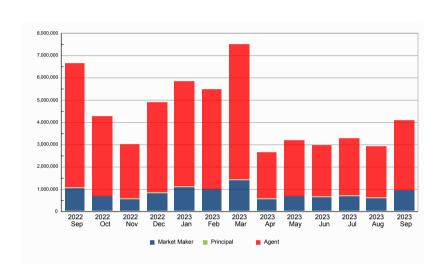
Number of Products 6
Number of Series 4,112
Launched Products per Month 0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ← ↓ <-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

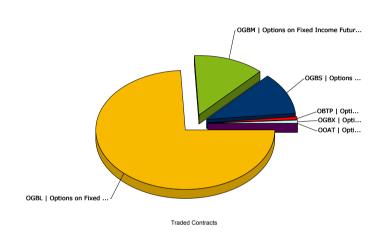
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product**



Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Shar	re ·
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	4,116,896	-38.1%	196,043	36.82%	35,833	76.6%	22.9%	0.5%	517,083	1,362,012	62.14%	37.86%
Aug 2023	2,924,848	-30.3%	127,167	31.88%	29,298	78.4%	21.0%	0.6%	368,253	831,943	56.83%	43.17%
Jul 2023	3,285,749	-23.2%	156,464	32.07%	29,054	78.3%	21.1%	0.6%	420,057	1,016,589	69.39%	30.61%
Jun 2023	2,963,147	-42.8%	134,689	32.08%	28,629	77.1%	21.7%	1.1%	381,173	909,474	62.01%	37.99%
May 2023	3,181,788	-18.9%	144,627	30.22%	27,832	77.9%	21.1%	1.1%	403,352	660,664	54.82%	45.18%
Apr 2023	2,676,709	-41.3%	148,706	30.94%	22,509	77.6%	21.1%	1.3%	337,313	1,322,750	46.64%	53.36%
Mar 2023	7,499,569	-15.4%	326,068	24.54%	46,719	80.9%	18.6%	0.5%	915,794	1,878,814	37.93%	62.07%
Feb 2023	5,492,515	-24.2%	274,626	24.34%	30,058	81.3%	18.2%	0.5%	685,313	1,322,400	35.87%	64.13%
Jan 2023	5,835,061	3.1%	265,230	25.62%	37,167	80.6%	18.8%	0.6%	755,395	1,572,053	28.81%	71.19%
Dec 2022	4,921,382	20.5%	234,352	21.22%	31,934	82.7%	17.0%	0.3%	644,654	1,533,488	16.01%	83.99%
Nov 2022	3,008,672	-41.4%	136,758	28.27%	28,098	80.6%	18.8%	0.6%	396,920	875,947	52.19%	47.81%
Oct 2022	4,262,661	-11.9%	202,984	22.94%	36,119	83.5%	16.1%	0.4%	548,954	1,490,938	43.64%	56.36%
Sep 2022	6,652,665	34.1%	302,394	18.52%	35,824	83.7%	16.0%	0.4%	834,269	1,831,753	33.15%	66.85%

Most Active Products (Traded Contracts)		
Options on Euro-Bund Futures	OGBL	3,049,491
Options on Euro-Bobl Futures	OGBM	524,302
Options on Euro-Schatz Futures	OGBS	479,355
Options on Euro BTP Futures	OBTP	34,709
Options on Euro-Buxl Futures	OGBX	27,949
Options on Euro-OAT Futures	OOAT	1,090

Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	37,976,282	-24.9%	197,793	28.74%	287,099	79.3%	20.1%	0.7%	4,783,735	1,381,517	46.94%	53.06%
2022	62,748,445	18.2%	244,157	24.14%	406,046	81.0%	18.3%	0.7%	8,714,017	1,534,696	34.34%	65.66%
2021	53,098,114	19.6%	207,415	35.60%	391,232	74.5%	24.1%	1.4%	8,444,985	1,868,510	36.20%	63.80%
2020	44,384,040	-31.8%	174,055	33.78%	424,455	77.0%	22.0%	1.0%	6,853,823	1,877,538	42.65%	57.35%
2019	65,095,288	-15.9%	257,294	32.48%	598,266	76.6%	21.5%	1.9%	10,152,662	1,618,930	42.32%	57.68%

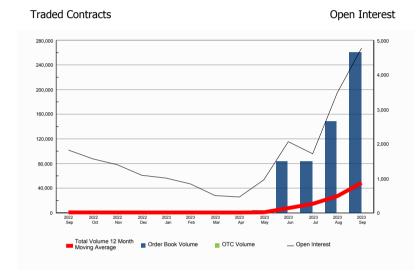


### Interest Rate Derivatives :: Money Market Derivatives

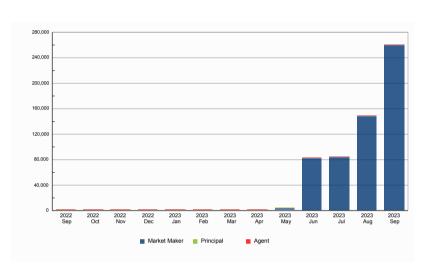
Number of Products 8
Number of Series 2,935
Launched Products per Month 0

# YoY Change ↑ YTM/YTM prev. Year ↑ V-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

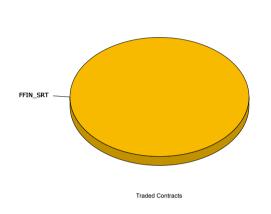
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Class**



Most Active Products (Traded Contracts)		
Three-Month Euro STR Futures	FST3	222,497
3M SARON Futures	FSR3	38,094
Three-Month EURIBOR Futures	FEU3	5

Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	260,596	>1000%	12,409	100.00%	26,814	0.1%	99.9%	0.0%	63,323	4,774		
Aug 2023	148,642	>1000%	6,463	100.00%	17,006	0.0%	100.0%	0.0%	36,230	3,470		
Jul 2023	84,156	>1000%	4,007	100.00%	10,725	0.1%	99.9%	0.0%	20,240	1,712		
Jun 2023	82,969	>1000%	3,771	100.00%	16,450	0.0%	100.0%	0.0%	19,977	2,061		
May 2023	4,236	>1000%	193	100.00%	801	0.0%	99.7%	0.2%	1,028	956		
Apr 2023	352	-29.0%	20	100.00%	72	14.5%	61.9%	23.6%	85	459		
Mar 2023	819	-36.5%	36	100.00%	84	15.0%	55.6%	29.4%	198	501		
Feb 2023	579	-28.3%	29	100.00%	57	34.5%	33.5%	32.0%	140	837		
Jan 2023	281	20.6%	13	100.00%	41	17.8%	43.6%	38.6%	68	1,006		
Dec 2022	82	-72.8%	4	100.00%	9	7.3%	50.0%	42.7%	20	1,089		
Nov 2022	342	-72.4%	16	100.00%	22	4.5%	46.3%	49.1%	83	1,394		
Oct 2022	662	-42.9%	32	100.00%	42	24.2%	26.7%	49.2%	161	1,564		
Sep 2022	657	-58.9%	30	100.00%	33	14.2%	36.3%	49.5%	161	1.819		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	582,630	>1000%	3,035	100.00%	72,050	0.1%	99.8%	0.1%	141,288	4,774		
2022	6,861	-57.0%	27	100.00%	528	16.3%	32.3%	51.3%	1,696	1,139		
2021	15,938	-56.4%	62	100.00%	423	5.2%	51.8%	42.9%	4,004	3,859		
2020	36,577	-6.0%	143	100.00%	657	16.7%	38.2%	45.1%	9,038	6,534	0.01%	3.44%
2019	38,912	-46.2%	154	97.53%	968	8.0%	47.1%	44.9%	9,597	6,306		1.13%

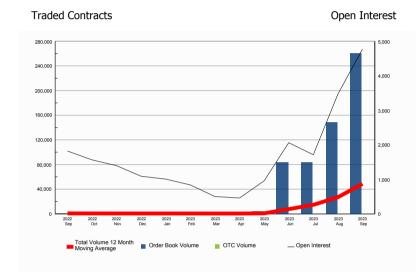


### Interest Rate Derivatives :: Money Market Derivatives :: Money Market Futures

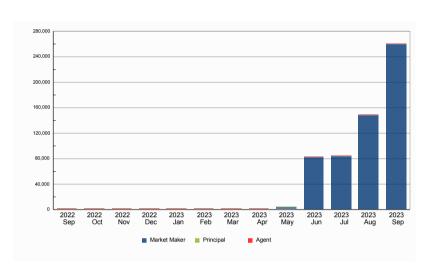
Number of Products3Number of Series55Launched Products per Month0

# Volume Development Trend MoM Change ↑ YTM/YTM prev. Year ↑ $\checkmark < -25\%$ ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

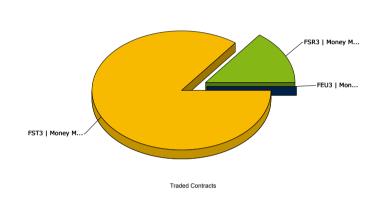
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product**



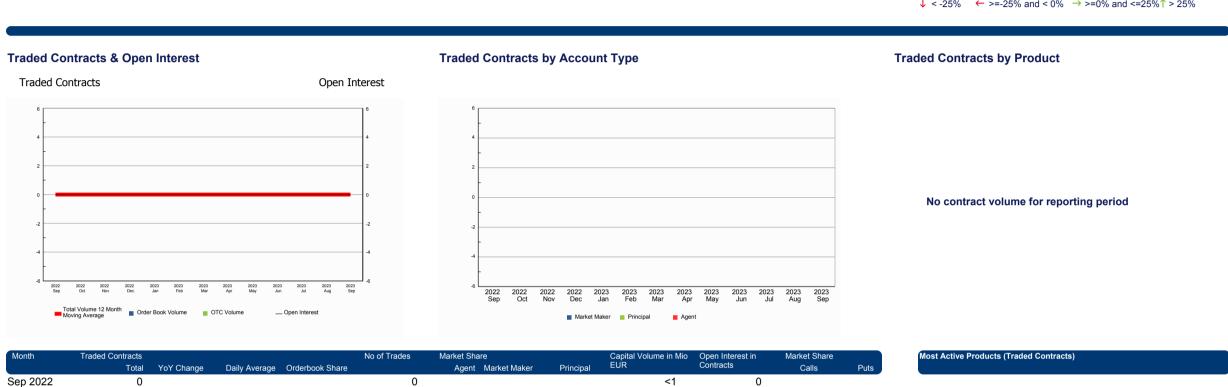
Most Active Products (Traded Contracts)		
Three-Month Euro STR Futures	FST3	222,497
3M SARON Futures	FSR3	38,094
Three-Month EURIBOR Futures	FEU3	5

Month	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	260,596	>1000%	12,409	100.00%	26,814	0.1%	99.9%	0.0%	63,323	4,774		
Aug 2023	148,642	>1000%	6,463	100.00%	17,006	0.0%	100.0%	0.0%	36,230	3,470		
Jul 2023	84,156	>1000%	4,007	100.00%	10,725	0.1%	99.9%	0.0%	20,240	1,712		
Jun 2023	82,969	>1000%	3,771	100.00%	16,450	0.0%	100.0%	0.0%	19,977	2,061		
May 2023	4,236	>1000%	193	100.00%	801	0.0%	99.7%	0.2%	1,028	956		
Apr 2023	352	-29.0%	20	100.00%	72	14.5%	61.9%	23.6%	85	459		
Mar 2023	819	-36.5%	36	100.00%	84	15.0%	55.6%	29.4%	198	501		
Feb 2023	579	-28.3%	29	100.00%	57	34.5%	33.5%	32.0%	140	837		
Jan 2023	281	20.6%	13	100.00%	41	17.8%	43.6%	38.6%	68	1,006		
Dec 2022	82	-72.8%	4	100.00%	9	7.3%	50.0%	42.7%	20	1,089		
Nov 2022	342	-72.4%	16	100.00%	22	4.5%	46.3%	49.1%	83	1,394		
Oct 2022	662	-42.9%	32	100.00%	42	24.2%	26.7%	49.2%	161	1,564		
Sep 2022	657	-58.9%	30	100.00%	33	14.2%	36.3%	49.5%	161	1,819		

Year	Traded Contracts		No of Trades	Market Sha	re		Capital Volume in Mio		Market Share			
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	582,630	>1000%	3,035	100.00%	72,050	0.1%	99.8%	0.1%	141,288	4,774		
2022	6,861	-57.0%	27	100.00%	528	16.3%	32.3%	51.3%	1,696	1,089		
2021	15,938	-54.9%	62	100.00%	423	5.2%	51.8%	42.9%	4,004	3,809		
2020	35,317	-8.2%	138	100.00%	634	15.5%	37.8%	46.8%	8,726	5,584		
2019	38,473	-46.3%	152	97.50%	934	7.6%	47.0%	45.4%	9,489	5,819		

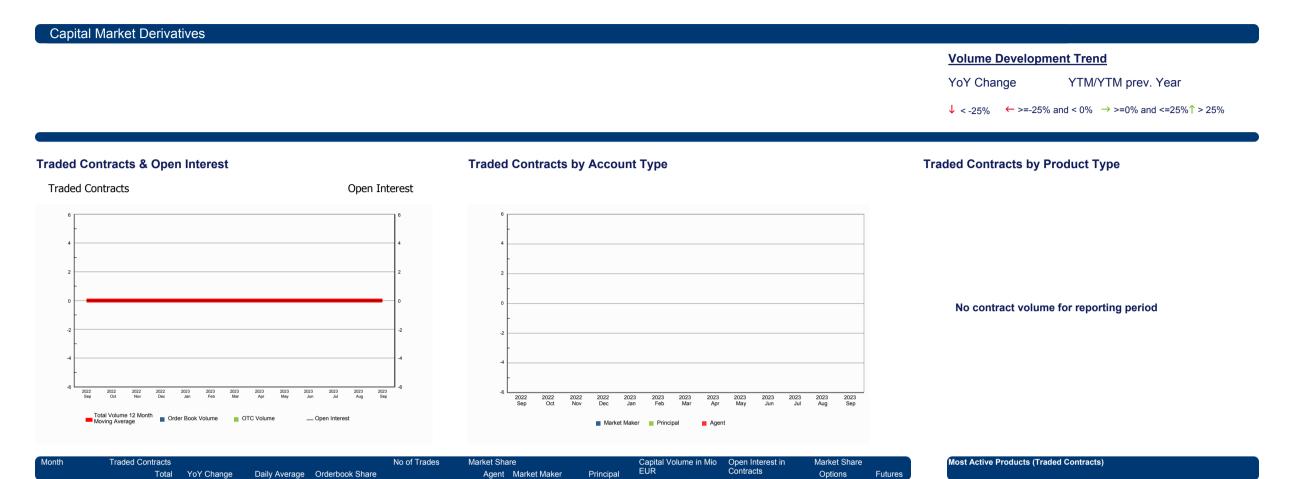






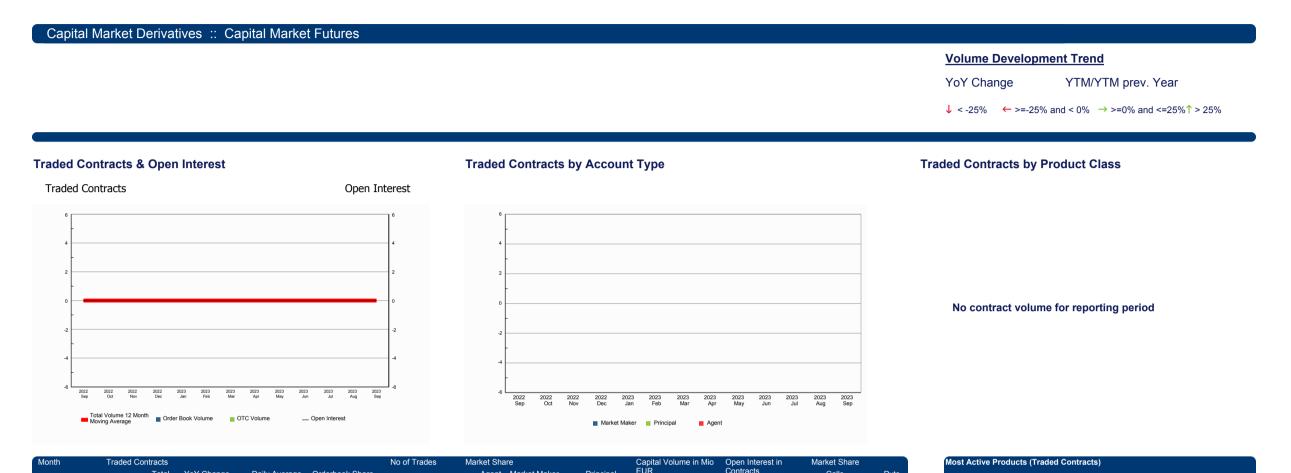
Year	Traded Contracts				No of Trades	Market Share	е		Capital Volume in Mio	Open Interest in	Market Share	)
	Total	YoY Change	Daily Average O	order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2022	0	-100.0%			0				<1	50		
2021	0	187.0%			0				<1	50		
2020	1,260	-28.0%	5	100.00%	23	50.0%	50.0%	0.0%	312	950	0.16%	99.84%
2019	439	0.0%	2	100.00%	34	50.0%	50.0%	0.0%	108	487		100.00%





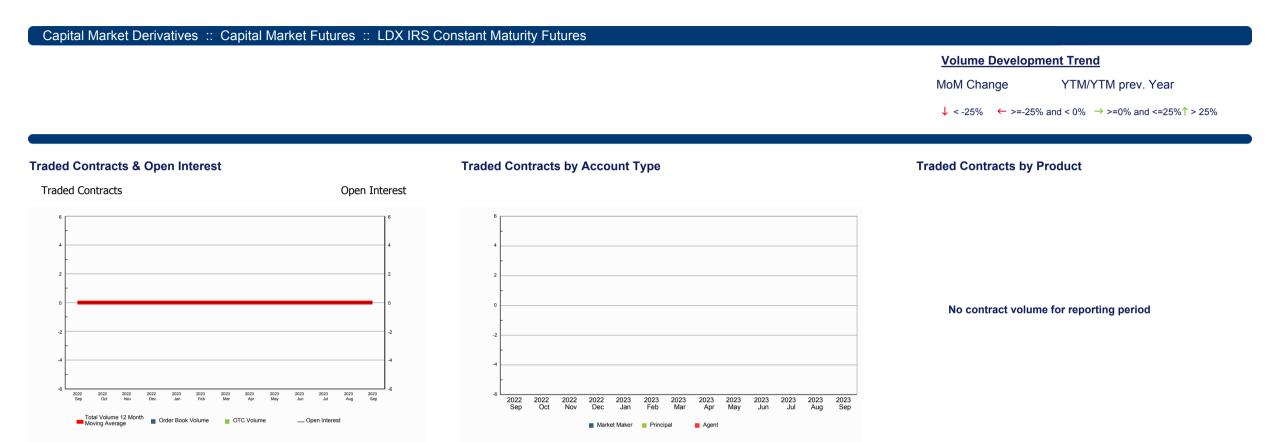














Agent Market Maker

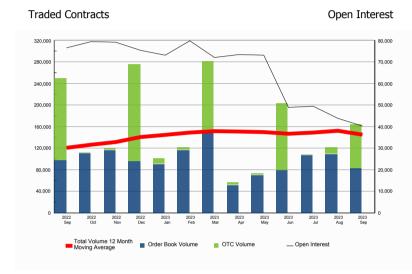


### Foreign Exchange Derivatives

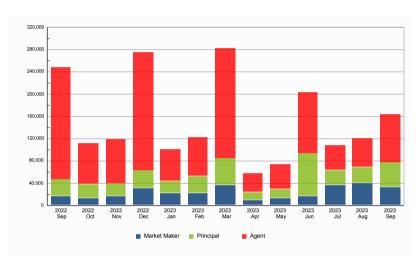
Number of Products49Number of Series13,908Launched Products per Month0

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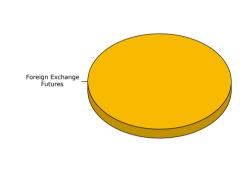
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Type**



Traded Contracts

Month	Traded Contracts				No of Trades	Market Sha	are		Capital Volume in Mio	Open Interest in	Market Sha	are
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
Sep 2023	163,563	-34.4%	7,789	50.06%	18,475	52.0%	19.7%	28.3%	9,816	40,220	0.00%	100.00%
Aug 2023	121,812	48.6%	5,296	89.84%	29,181	43.5%	32.9%	23.7%	2,714	43,822	0.00%	100.00%
Jul 2023	108,024	32.0%	5,144	98.12%	27,241	41.2%	34.5%	24.4%	1,910	49,420	0.00%	100.00%
Jun 2023	203,498	-15.3%	9,250	39.08%	17,782	54.0%	8.4%	37.6%	14,356	48,883	0.00%	100.00%
May 2023	74,125	-14.1%	3,369	94.44%	16,153	60.9%	19.0%	20.1%	1,731	73,078	0.00%	100.00%
Apr 2023	57,547	-13.4%	3,197	87.39%	21,898	59.9%	18.2%	22.0%	1,701	73,387	0.00%	100.00%
Mar 2023	281,946	12.5%	12,259	53.61%	35,074	69.8%	12.7%	17.5%	16,690	72,022	0.00%	100.00%
Feb 2023	122,081	73.9%	6,104	94.81%	28,681	57.5%	18.5%	24.1%	2,341	79,754	0.00%	100.00%
Jan 2023	101,448	89.8%	4,611	89.49%	23,986	57.0%	22.6%	20.4%	3,075	73,082	0.00%	100.00%
Dec 2022	274,845	67.4%	13,088	35.09%	24,072	76.6%	11.4%	12.0%	20,635	75,335	0.00%	100.00%
Nov 2022	119,267	101.0%	5,421	97.73%	28,700	65.8%	13.8%	20.4%	2,416	79,099	0.00%	100.00%
Oct 2022	112,085	159.0%	5,337	98.58%	23,321	65.9%	11.5%	22.5%	2,955	79,382	0.00%	100.00%
Sep 2022	249,232	91.5%	11,329	38.97%	20,923	81.2%	6.7%	12.1%	18,059	76,490	0.00%	100.00%

Most Active Products (Traded Co	ntracts)		
Eurex Daily USDKRW Futures on KRX USD Futures	Future	FCUW	71,655
FX futures on EURUSD	Future	FCEU	64,639
FX Futures on EURJPY	Future	FCEY	10,000
FX futures on EURGBP	Future	FCEP	8,568
FX Futures on EURAUD	Future	FCEA	1,956
FX futures on NOKSEK	Future	FCNS	1,869
FX Futures on USDJPY	Future	FCUY	1,829
FX futures on EURCHF	Future	FCEF	1,574
FX futures on EURSEK	Future	FCSK	799
FX Futures on ZARUSD	Future	FCZU	260

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio	Open Interest in	Market Shar	'e
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Options	Futures
2023	1,234,044	4.6%	6,427	69.27%	218,471	56.5%	18.8%	24.7%	54,335	40,553	0.00%	100.00%
2022	1,686,441	130.9%	6,562	59.22%	189,453	67.1%	8.7%	24.2%	93,780	75,816	0.00%	100.00%
2021	730,285	19.0%	2,853	37.87%	31,464	67.3%	12.0%	20.7%	57,652	50,574	0.00%	100.00%
2020	613,810	537.4%	2,407	9.06%	9,567	94.4%	5.4%	0.2%	61,299	39,160	0.00%	100.00%
2019	96,299	553.6%	381	58.70%	17,636	43.9%	55.9%	0.2%	9,602	20,308	0.00%	100.00%

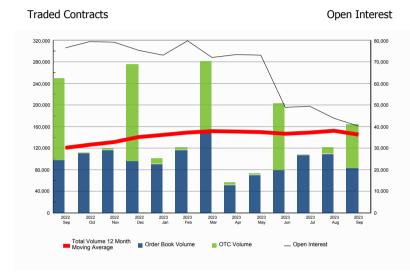


### Foreign Exchange Derivatives :: Foreign Exchange Futures

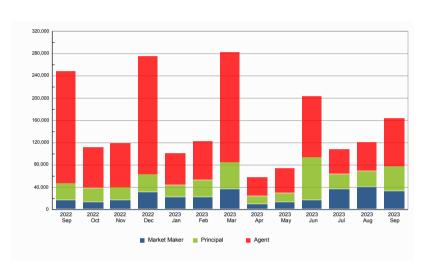
Number of Products37Number of Series496Launched Products per Month0

# YoY Change ↓ YTM/YTM prev. Year → ↓ <-25% ← >=-25% and < 0% → >=0% and <=25%↑ > 25%

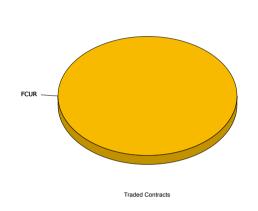
### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**



### **Traded Contracts by Product Class**



Most Active Products (Traded Contracts)		
Eurex Daily USDKRW Futures on KRX USD Futures	FCUW	71,655
FX futures on EURUSD	FCEU	64,639
FX Futures on EURJPY	FCEY	10,000
FX futures on EURGBP	FCEP	8,568
FX Futures on EURAUD	FCEA	1,956
FX futures on NOKSEK	FCNS	1,869
FX Futures on USDJPY	FCUY	1,829
FX futures on EURCHF	FCEF	1,574
FX futures on EURSEK	FCSK	799
FX Futures on ZARUSD	FCZU	260

Month	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	163,563	-34.4%	7,789	50.06%	18,475	52.0%	19.7%	28.3%	9,816	40,220		
Aug 2023	121,812	48.6%	5,296	89.84%	29,181	43.5%	32.9%	23.7%	2,714	43,822		
Jul 2023	108,024	32.0%	5,144	98.12%	27,241	41.2%	34.5%	24.4%	1,910	49,420		
Jun 2023	203,498	-15.3%	9,250	39.08%	17,782	54.0%	8.4%	37.6%	14,356	48,883		
May 2023	74,125	-14.1%	3,369	94.44%	16,153	60.9%	19.0%	20.1%	1,731	73,078		
Apr 2023	57,547	-13.4%	3,197	87.39%	21,898	59.9%	18.2%	22.0%	1,701	73,387		
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Feb 2023	122,081	73.9%	6,104	94.81%	28,681	57.5%	18.5%	24.1%	2,341	79,754		
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Oct 2022	112,085	159.0%	5,337	98.58%	23,321	65.9%	11.5%	22.5%	2,955	79,382		
Sep 2022	249,232	91.5%	11,329	38.97%	20,923	81.2%	6.7%	12.1%	18,059	76,490		

Year	Traded Contracts				No of Trades	Market Sha	re		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average	Order Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2023	1,234,044	4.6%	6,427	69.27%	218,471	56.5%	18.8%	24.7%	54,335	40,553		
2022	1,686,441	130.9%	6,562	59.22%	189,453	67.1%	8.7%	24.2%	93,780	75,816		
2021	730,265	19.0%	2,853	37.87%	31,461	67.3%	12.0%	20.7%	57,650	50,574		
2020	613,810	537.4%	2,407	9.06%	9,567	94.4%	5.4%	0.2%	61,299	39,160		
2019	96,299	553.6%	381	58.70%	17,636	43.9%	55.9%	0.2%	9,602	20,308		

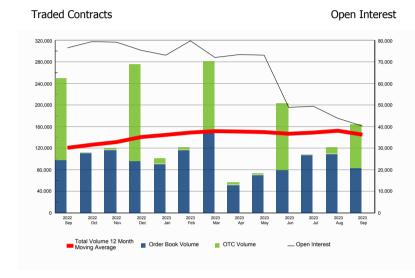


### Foreign Exchange Derivatives :: Foreign Exchange Futures :: Foreign Exchange Futures

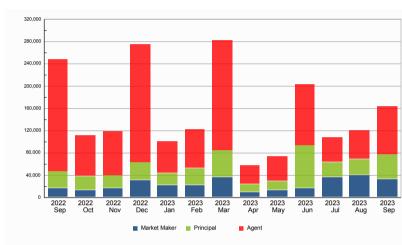
Number of Products 496 Number of Series Launched Products per Month

### **Volume Development Trend** MoM Change 1 YTM/YTM prev. Year → $\checkmark$ < -25% ← >=-25% and < 0% → >=0% and <=25% ↑ > 25%

### **Traded Contracts & Open Interest**



### **Traded Contracts by Account Type**

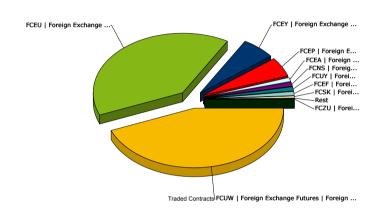


240,000	-												
200,000													
160,000	-												
120,000	_												
80,000													
40,000													
0	2022 Sep	2022 Oct	2022 Nov	2022 Dec	2023 Jan	2023 Feb	2023 Mar	2023 Apr	2023 May	2023 Jun	2023 Jul	2023 Aug	2023 Sep
				■ Marl	ket Maker	Princi	ipal	Agent					

Month	Traded Contracts				No of Trades	Market Shar	е		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	163,563	-34.4%	7,789	50.06%	18,475	52.0%	19.7%	28.3%	9,816	40,220		
Aug 2023	121,812	48.6%	5,296	89.84%	29,181	43.5%	32.9%	23.7%	2,714	43,822		
Jul 2023	108,024	32.0%	5,144	98.12%	27,241	41.2%	34.5%	24.4%	1,910	49,420		
Jun 2023	203,498	-15.3%	9,250	39.08%	17,782	54.0%	8.4%	37.6%	14,356	48,883		
May 2023	74,125	-14.1%	3,369	94.44%	16,153	60.9%	19.0%	20.1%	1,731	73,078		
Apr 2023	57,547	-13.4%	3,197	87.39%	21,898	59.9%	18.2%	22.0%	1,701	73,387		
Mar 2023	281,946	12.5%	12,259	53.61%	35,074	69.8%	12.7%	17.5%	16,690	72,022		
Feb 2023	122,081	73.9%	6,104	94.81%	28,681	57.5%	18.5%	24.1%	2,341	79,754		
Jan 2023	101,448	89.8%	4,611	89.49%	23,986	57.0%	22.6%	20.4%	3,075	73,082		
Dec 2022	274,845	67.4%	13,088	35.09%	24,072	76.6%	11.4%	12.0%	20,635	75,335		
Nov 2022	119,267	101.0%	5,421	97.73%	28,700	65.8%	13.8%	20.4%	2,416	79,099		
Oct 2022	112,085	159.0%	5,337	98.58%	23,321	65.9%	11.5%	22.5%	2,955	79,382		
Sep 2022	249,232	91.5%	11,329	38.97%	20.923	81.2%	6.7%	12.1%	18,059	76,490		

Year	Traded Contracts Total	YoY Change	Daily Average	Order Book Share	No of Trades	Market Sha	re Market Maker	Principal	Capital Volume in Mio EUR	Open Interest in Contracts	Market Share Calls	Puts
			, ,								Calls	Puls
2023	1,234,044	4.6%	6,427	69.27%	218,471	56.5%	18.8%	24.7%	54,335	40,553		
2022	1,686,441	130.9%	6,562	59.22%	189,453	67.1%	8.7%	24.2%	93,780	75,816		
2021	730,265	19.0%	2,853	37.87%	31,461	67.3%	12.0%	20.7%	57,650	50,574		
2020	613,810	537.4%	2,407	9.06%	9,567	94.4%	5.4%	0.2%	61,299	39,160		
2019	96,299	553.6%	381	58.70%	17,636	43.9%	55.9%	0.2%	9,602	20,308		

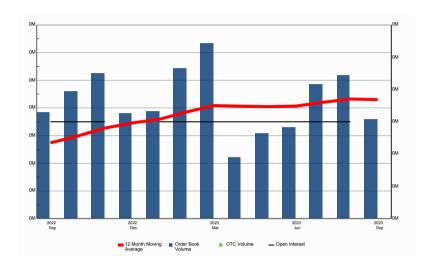
### **Traded Contracts by Product**

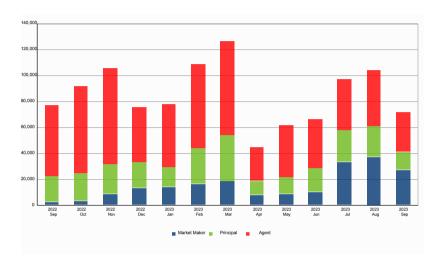


Most Active Products (Traded Contracts)		
Eurex Daily USDKRW Futures on KRX USD Futures	FCUW	71,655
FX futures on EURUSD	FCEU	64,639
FX Futures on EURJPY	FCEY	10,000
FX futures on EURGBP	FCEP	8,568
FX Futures on EURAUD	FCEA	1,956
FX futures on NOKSEK	FCNS	1,869
FX Futures on USDJPY	FCUY	1,829
FX futures on EURCHF	FCEF	1,574
FX futures on EURSEK	FCSK	799
FX Futures on ZARUSD	FCZU	260

Foreign Exchange Derivatives :: Foreign Exchange Futures :: Foreign Exchange Futures :: Eurex Daily USDKRW Futures on KRX USD Futures

Number of Series 21



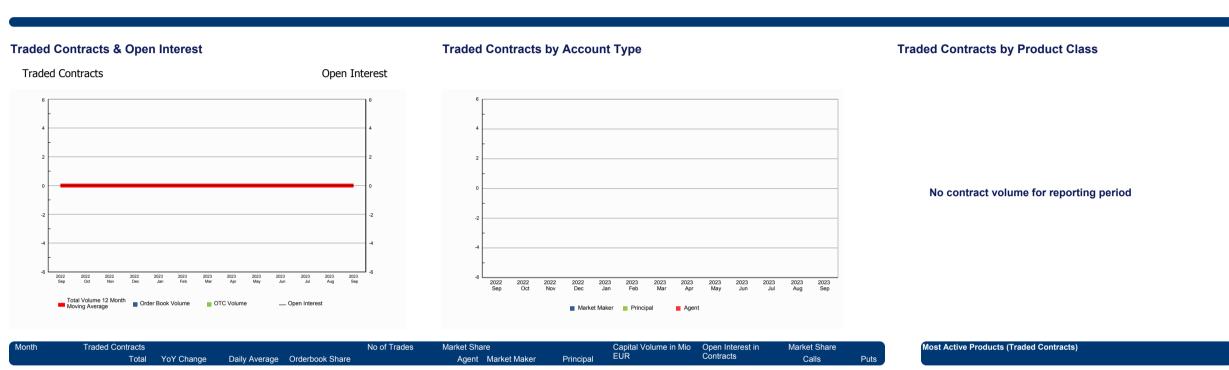


Month	Traded Contracts				No of Trades	Market Shar	e		Capital Volume in Mio	Open Interest in	Market Share	
	Total	YoY Change	Daily Average	Orderbook Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
Sep 2023	71,655	-6.9%	3,412	100.00%	17,324	42.5%	38.2%	19.3%	669			
Aug 2023	103,931	38.3%	4,519	100.00%	28,562	41.1%	35.9%	23.0%	951	0		
Jul 2023	97,370	50.8%	4,637	100.00%	26,284	40.7%	34.0%	25.3%	877	0		
Jun 2023	66,340	7.6%	3,015	100.00%	16,510	57.0%	15.7%	27.3%	612	0		
May 2023	61,912	-6.2%	2,814	100.00%	15,249	64.4%	14.4%	21.2%	569	0		
Apr 2023	44,541	-9.9%	2,475	100.00%	21,146	58.7%	16.9%	24.4%	405	0		
Mar 2023	126,769	76.1%	5,512	100.00%	32,283	57.3%	14.9%	27.8%	1,181	0		
Feb 2023	108,430	139.8%	5,422	100.00%	27,949	59.3%	14.8%	25.9%	1,009	0		
Jan 2023	77,849	71.6%	3,539	100.00%	22,466	62.1%	17.5%	20.4%	722	0		
Dec 2022	75,932	138.4%	3,616	100.00%	22,271	56.1%	17.7%	26.1%	717			
Nov 2022	105,459	190.4%	4,794	100.00%	27,476	70.0%	8.4%	21.5%	1,038	0		
Oct 2022	92,003	178.8%	4,381	100.00%	20,541	72.9%	3.0%	24.1%	935	0		
Sep 2022	76,978	125.3%	3,499	100.00%	18,777	70.6%	3.2%	26.2%	782	0		

Year	Traded Contracts				No of Trades	Market Share			Capital Volume in Mio EUR	Open Interest in Contracts	Market Share	
	Total	YoY Change	Daily Average C	order Book Share		Agent M	arket Maker	Principal	LOIX	Contracts	Calls	Puts
2022	829,732	0.0%	3,229	100.00%	167,202	68.2%	4.1%	27.7%	7,966	0		
2021	168,750	0.0%	659	100.00%	20,871	65.6%	0.0%	34.4%	1,459	0		



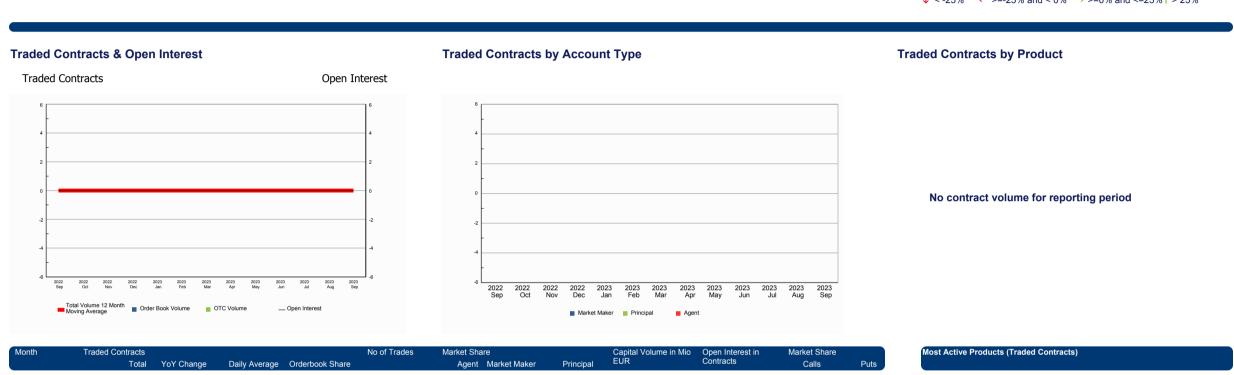




Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average Or	rder Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
2022	0	-100.0%			0				<1	0		
2021	20	U.U /U	0	100.00%	3	50.0%	50.0%	0.0%	2	0	100.00%	







Year	Traded Contracts				No of Trades	Market Sha	ire		Capital Volume in Mio		Market Share	
	Total	YoY Change	Daily Average Ord	der Book Share		Agent	Market Maker	Principal	EUR	Contracts	Calls	Puts
	_											
2022	0	-100.0%			0				<1	0		
2021	20	U.U /U	0	100.00%	3	50.0%	50.0%	0.0%	2	0	100.00%	



Product G	roup	Product Ty	ype	Product Class	3
BND	Capital Market Derivatives	FBND	Capital Market Futures	FBND_CMF	LDX IRS Constant Maturity Futures
		COLD	Procious Motels Devicetives	FCOM_GXD	Precious Metals Futures
COM	Commodita Dominatinos	GOLD	Precious Metals Derivatives	OCOM_GXD	Precious Metals Options
COM	Commodity Derivatives	CINIX	Commodito Index Desirations	CINX_FDJX	Commodity Index Futures
		CINX	Commodity Index Derivatives	CINX_ODJX	Commodity Index Options
		FDVD	D: :11 F4	FDVD_INX	Equity Index Dividend Futures
DVD	Dividend Derivatives	FDVD	Dividend Futures	FDVD_EQ	Single Stock Dividend Futures
		ODVD	Dividend Options	ODVD_INX	Options on Equity Index Dividend Futures
				OSTK_OTH	Options on Other Stocks
				OSTK_RU	Options on Russian Stocks
				OSPX	Options on S&P 500 Components
				OESA	Options on STOXX® Europe 600 Automobiles & Parts Components
				OESB	Options on STOXX® Europe 600 Banks Components
				OESS	Options on STOXX® Europe 600 Basic Resources Components
				OESC	Options on STOXX® Europe 600 Chemicals Components
				OESN	Options on STOXX® Europe 600 Construction & Materials Components
				OESF	Options on STOXX® Europe 600 Financial Services Components
				OESO	Options on STOXX® Europe 600 Food & Beverage Components
		OCTIV	Family Outing	OESH	Options on STOXX® Europe 600 Health Care Components
		OSTK	Equity Options	OESG	Options on STOXX® Europe 600 Industrial Goods & Services Components
				OESI	Options on STOXX® Europe 600 Insurance Components
				OESM	Options on STOXX® Europe 600 Media Components
				OESE	Options on STOXX® Europe 600 Oil & Gas Components
				OESZ	Options on STOXX® Europe 600 Personal & Household Goods Components
				OESL	Options on STOXX® Europe 600 Real Estate Components
				OESR	Options on STOXX® Europe 600 Retail Components
				OESY	Options on STOXX® Europe 600 Technology Components
OTIZ	Emilia Davinations			OEST	Options on STOXX® Europe 600 Telecommunications Components
STK	Equity Derivatives			OESV	Options on STOXX® Europe 600 Travel & Leisure Components
				OESU	Options on STOXX® Europe 600 Utilities Components
				FSTK_OTH	Futures on Other Stocks
				FSTK_RU	Futures on Russian Stocks
				FSPX	Futures on S&P 500 Components
				FESA	Futures on STOXX® Europe 600 Automobiles & Parts Components
				FESB	Futures on STOXX® Europe 600 Banks Components
				FESS	Futures on STOXX® Europe 600 Basic Resources Components
				FESC	Futures on STOXX® Europe 600 Chemicals Components
				FESN	Futures on STOXX® Europe 600 Construction & Materials Components
		FSTK	Single Steels Futures	FESF	Futures on STOXX® Europe 600 Financial Services Components
		FSIK	Single Stock Futures	FESO	Futures on STOXX® Europe 600 Food & Beverage Components
				FESH	Futures on STOXX® Europe 600 Health Care Components
				FESG	Futures on STOXX® Europe 600 Industrial Goods & Services Components
				FESI	Futures on STOXX® Europe 600 Insurance Components
				FESM	Futures on STOXX® Europe 600 Media Components
				FESE	Futures on STOXX® Europe 600 Oil & Gas Components
				FESZ	Futures on STOXX® Europe 600 Personal & Household Goods Components
				FESL	Futures on STOXX® Europe 600 Real Estate Components
				FESR	Futures on STOXX® Europe 600 Retail Components

Product G	roup	Product Ty	vpe	Product Class	S
				FESY	Futures on STOXX® Europe 600 Technology Components
OTIZ	F ' F ' '	POTIZ	G: 1 G( 1 F (	FEST	Futures on STOXX® Europe 600 Telecommunications Components
STK	Equity Derivatives	FSTK	Single Stock Futures	FESV	Futures on STOXX® Europe 600 Travel & Leisure Components
				FESU	Futures on STOXX® Europe 600 Utilities Components
				OINX_BLU	Equity Index Options
				OINX_KOS	Eurex KOSPI Product
		ODNIN	Emited Indian Outlines	OBNX_ESX	EURO STOXX® Broadbased and Size Index Options
		OINX	Equity Index Options	OINX_ESX	EURO STOXX® Sector Index Options
				OBNX_STX	STOXX® Europe 600 Broadbased and Size Index Options
DIV	Family Index Desirations			OINX_STX	STOXX® Europe 600 Sector Index Options
INX	Equity Index Derivatives			FINX_DJX	Dow Jones Sector Titans Index Futures (SM)
				FINX_BLU	Equity Index Futures
		EDIX	E mites In the Fotoms	FBNX_ESX	EURO STOXX® Broadbased and Size Index Futures
		FINX	Equity Index Futures	FINX_ESX	EURO STOXX® Sector Index Futures
				FBNX_STX	STOXX® Europe 600 Broadbased and Size Index Futures
				FINX_STX	STOXX® Europe 600 Sector Index Futures
				OXTF_CS	CS ETF (CH) Options
				OXTF_DBX	db x-trackers ETF Options
		OXTF	Exchange Traded Funds Options	OXTF_ISH	iShares ETF Options
				OXTF_LYX	Lyxor ETF Options
				OXTF_SRC	Source ETF Options
XTF	ETF & ETC Derivatives			FXTF_CS	CS ETF (CH) Futures
АІГ	ETF & ETC Derivatives	FXTF	Exchange Traded Funds Futures	FXTF_DBX	db x-trackers ETF Futures
				FXTF_ISH	iShares ETF Futures
		FXTC	Exchange Traded Commodities	FXTC_DBC	Deutsche Borse Commodities Futures
		FAIC	Futures	FXTC_ETF	ETF Securities Futures
		OXTC	Exchange Traded Commodities	OXTC_DBC	Deutsche Borse Commodities Options
		OXIC	Options	OXTC_ETF	ETF Securities Options
CUR	Foreign Exchange Derivatives	FCUR	Foreign Exchange Futures	FCUR	Foreign Exchange Futures
CUK	Foreign Exchange Derivatives	OCUR	Foreign Exchange Options	OCUR	Foreign Exchange Options
		INTP	Money Market Derivatives	FFIN_SRT	Money Market Futures
EINI	Interest Pata Darivativas	INTP	Money Market Derivatives	OFIN_SRT	Options on Money Market Futures
FIN	Interest Rate Derivatives	FINP	Fixed Income Derivatives	FFIN_LNG	Fixed Income Futures
		1.111/L	Tixed income Derivatives	OFIN_LNG	Options on Fixed Income Futures
PROP	Property Derivatives	FPROP	Property Futures	FPROP_IPD	Futures on IPD Indexes
VOL	Volatility Index Derivatives	FVOL	Volatility Index Futures	FVOL	VSTOXX® Futures
VOL	volatility flidex Defivatives	OVOL	Volatility Index Options	OVOL	VSTOXX® Options



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