

Cboe LIS*: Powered by BIDS

*Cboe LIS is operated by Cboe Europe Equities. BIDS offers connectivity to Cboe LIS via BIDS Trader.



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OCTOBER 2021 TRADING STATISTICS

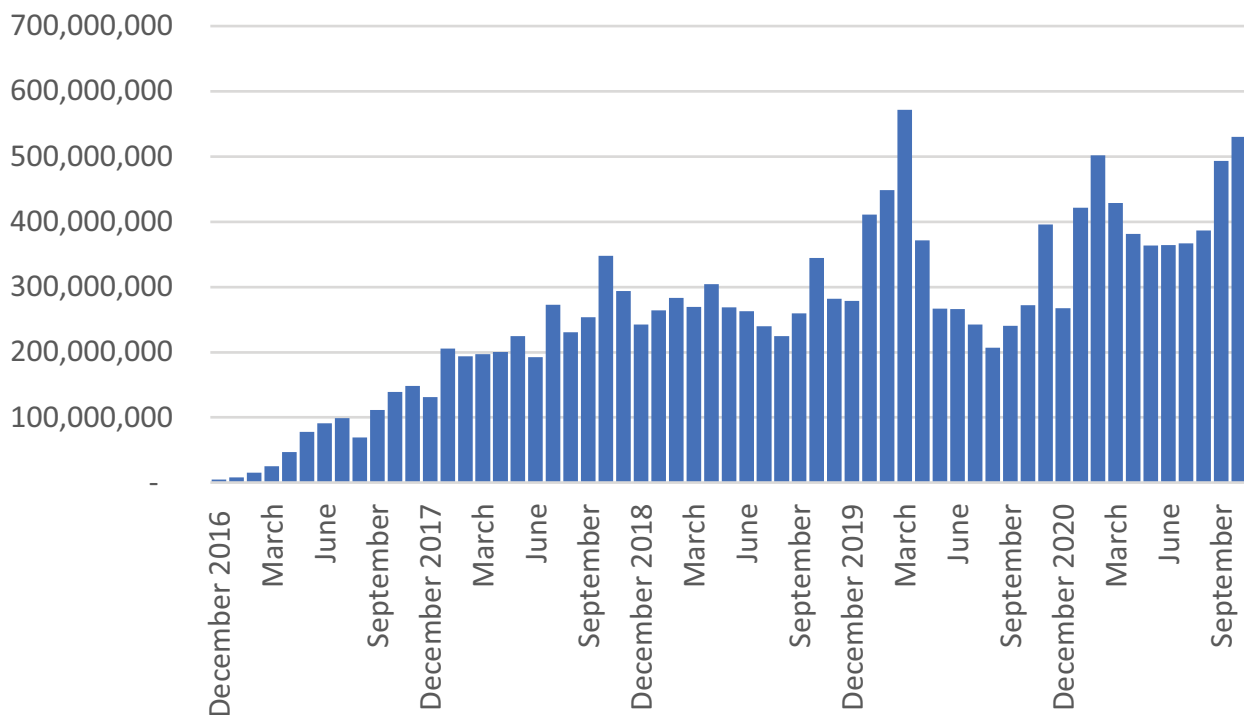
Total Traded Value	€11,134,613,734
Average Daily Value	€530,219,702
Average Trade Value (buy-side)	€1,207,772
Largest Trade	€38,873,300

Cboe LIS volume is available on the Cboe website at http://markets.cboe.com/europe/equities/market_statistics/.

Cboe LIS Growth in Volume

- 220 buy-side firms and 25 sell-side firms connected to Cboe LIS

€ Value Traded



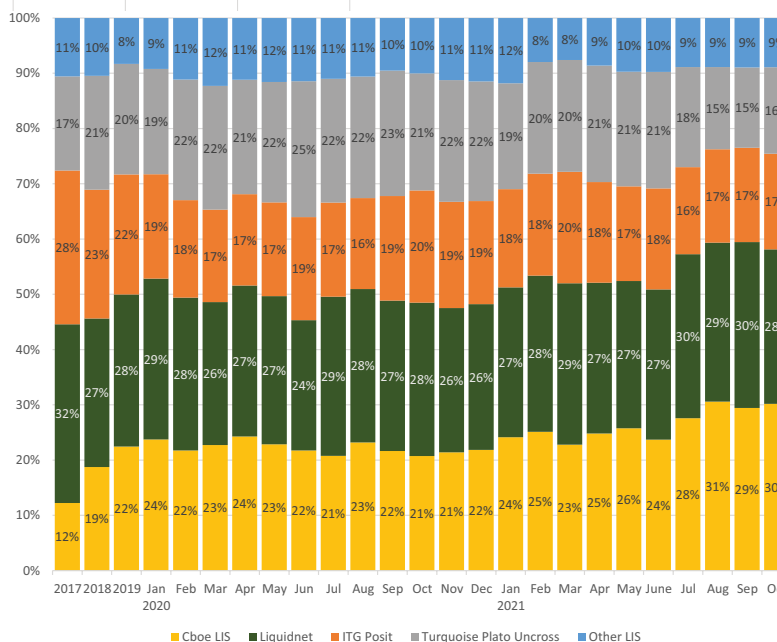
Market Cboe LIS Value Breakdown

Market	Cboe LIS Value	Breakdown
London	2,587,198,781	23.24%
Paris	2,042,249,488	18.34%
Frankfurt	1,708,600,001	15.34%
Amsterdam	1,074,498,323	9.65%
Stockholm	821,272,628	7.38%
Zurich	762,934,876	6.85%
Madrid	587,655,691	5.28%
Milan	405,920,107	3.65%
Copenhagen	372,732,094	3.35%
Helsinki	180,533,966	1.62%
Oslo	173,590,209	1.56%
Brussels	157,313,765	1.41%
Dublin	96,670,408	0.87%
Vienna	95,497,284	0.86%
Lisbon	67,946,114	0.61%

TRADE VALUE BY COUNTRY OF LISTING - OCTOBER 2021

SHARE OF MARKET WIDE LIS BY VENUE - OCTOBER 2021*

*Source of data: Big XYT, October 31, 2021



DESIGNATED BROKERS (EU-based Users)

- ABG Sundal Collier
- Baader Bank AG
- Bank of America Merrill Lynch
- Barclays Capital
- Cannacord Genuity
- Credit Suisse
- Danske Bank*
- DNB Bank ASA*
- Equita*
- Exane BNP Paribas
- Goldman Sachs
- HSBC
- Instinet Europe
- Jefferies
- JP Morgan Securities
- Kepler Cheuvreux
- Liquidnet
- Mediobanca*
- Metzler Bank*
- Morgan Stanley
- Nordea Bank AB*
- Oddo BHF
- RBC Europe Ltd.
- Redburn
- Sanford C. Bernstein Ltd.
- Societe Generale
- UBS
- Virtu ITG Europe

INTRODUCING BROKERS (US-based Users)

- ABG Sundal Collier
- Auerbach Grayson
- Baader Bank AG
- Bank of America Merrill Lynch
- Banco Santander S.A.
- Barclays
- Cabrera Capital Markets, LLC
- Credit Suisse
- DNB Markets
- Exane BNP
- Instinet
- Jefferies
- JP Morgan Securities
- Kepler Cheuvreux
- Mediobanca
- Mischler Financial Group
- Morgan Stanley
- Redburn
- Sanford C. Bernstein & Co, LLC
- UBS

INTEGRATION PARTNERS

- Advent Moxy
- Bloomberg EMSX
- Charles River Development
- Enfusion
- Eze Eclipse
- Fidessa Buy-side OMS
- FlexTrade's FlexTRADER
- InfoReach
- Instinet Newport
- ITG's Triton
- JP Morgan Neovest
- Linedata Longview & Trader+
- LiquidityBook LLC
- Macgregor XIP
- Portware
- SS&C Eze
- TradingScreen Inc.

*Availability limited to certain markets – please ask sales coverage for details.