

TSD & TCH Newsletter

Vol.19 • Quarter 4 • 2023



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TSD & TCH

The resilience of financial systems

To uphold safety and efficiency as a Financial Market Infrastructure (FMI) and align with international standards, TSD & TCH always aware of the significance of risk management in scenarios where the delivery of CSD & CCP services is entirely obstructed due to the multaneous failure of both primary and backup systems. To address such situations, TSD & TCH have established offline operational guidelines for members, namely "CSD offline" and "CCP offline".

Regarding the CSD offline protocol, the plan for 2023 involved conducting tests with pilot members before undertaking with all CSD members in Q3-Q4 of 2024, while the CCP offline plan has undergone all testing with all relevant parties and is deemed ready for deployment. Furthermore, in 2023, TSD and TCH, acting as participants in the BAHTNET system (Bank of Thailand's payment system), have participated in testing IWT as per the BAHTNET offline plan to ensure the efficiency of payment protocol under such circumstance.

In addition, to ensure smooth operation, there will be collaboration among BOT, TSD, and TCH to strategize for setting up offline testing annually with all related parties.

TSD

CSD Service

LiVEx Phase 2

Since March 31, 2022, "LiV exchange" has been launched with the auction and pre-paid concept, where securities will be settled via TSD's system, while payment will be settled via BOT's BAHTNET system which is for high-value funds transfer among commercial banks. However, after go live, most of LiVEx transactions are in small value due to LiVEx is a venue for SMEs to raise funds. As such, to reduce transaction costs and to align transactions with the suitable payment channel, TSD has expanded the channel for money settlement via "Payment Service Provider". At starting stage, FinNet Innovation Network Co., Ltd. (FinNet) was selected by TSD to be Payment Service Providers for LiVEx. FinNet will support transaction for money transfer (1) within bank and (2) across bank with value less than 2 MB, whereas BAHTNET is still utilized for money transfer across bank with value more than 2 MB. This enhancement went live in Q4 2023

Registrar Service

e-Service

TSD has consistently emphasized the importance of developing e-services to support ESG. This has been achieved through continuous development and a variety of projects, such as e-Document, e-Transferring, e-Dividend, e-Proxy Voting, and e-Donation. Especially, in 2023, we further developed e-proxy and e-document services as follows:

• e-Proxy

By introducing e-Proxy voting services to custodians and Asset Management Companies (AMCs), and complementing this with the e-Stamp service to support the entire digital process, TSD always commits to enhancing these services; not only the expansion of e-Proxy in March 2023 to include local retail investors but also the improvement of payment process of e-Stamp to be more convenience for users. In 2024, TSD continue to develop our services by gathering the feedbacks from issuers and to encourage new issuers to subscribe our e-Proxy voting.

• e-Document

TSD has introduced e-Document in 2018 starting with the local retail investors who safekeep their shares in Issuer Account by sending their statement of outstanding balance via email. Over the years, this e-service has continuously expanded to cover a broader range of document items, including the Notice of Meeting, Details of Meeting documents (via QR code) and Withholding tax certificate. Given the environmental and procedural efficiency benefits, In 2024, TSD is committed to extending the user base of this service by providing to both domestic and international juristic persons and also expand channel* to subscribe services through securities company and custodianbank.

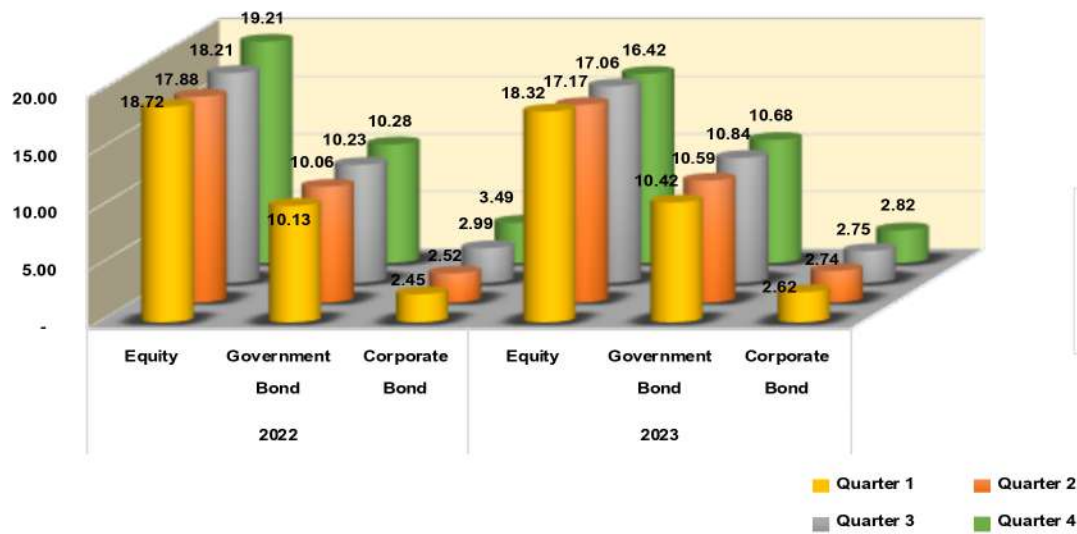
Note: Currently, local retail investors can subscribe e-Document service via Investor portal (electronic self-service provided by TSD) and on TSD website.



1

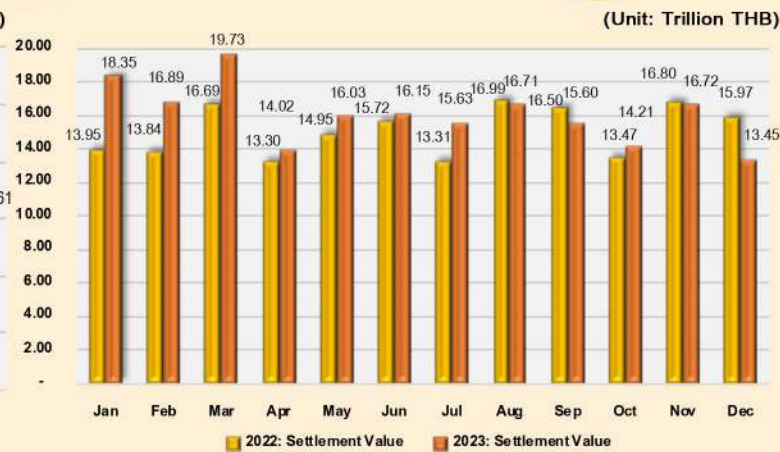
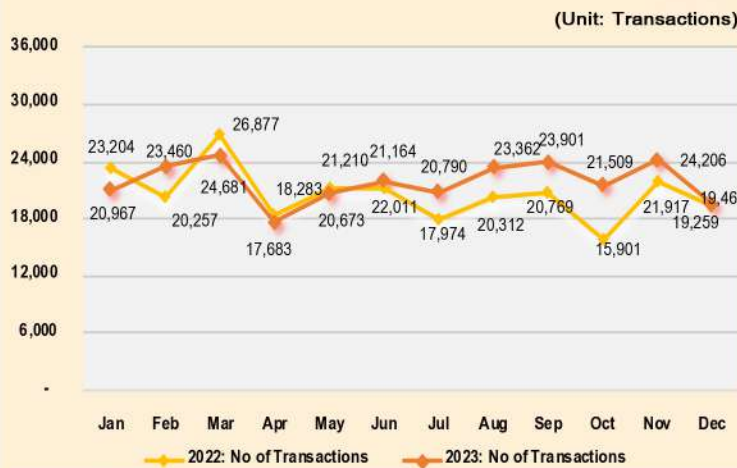
Total Asset Value under Custody

(Unit: Trillion THB)



Bond Settlement (Over-the-Counter)

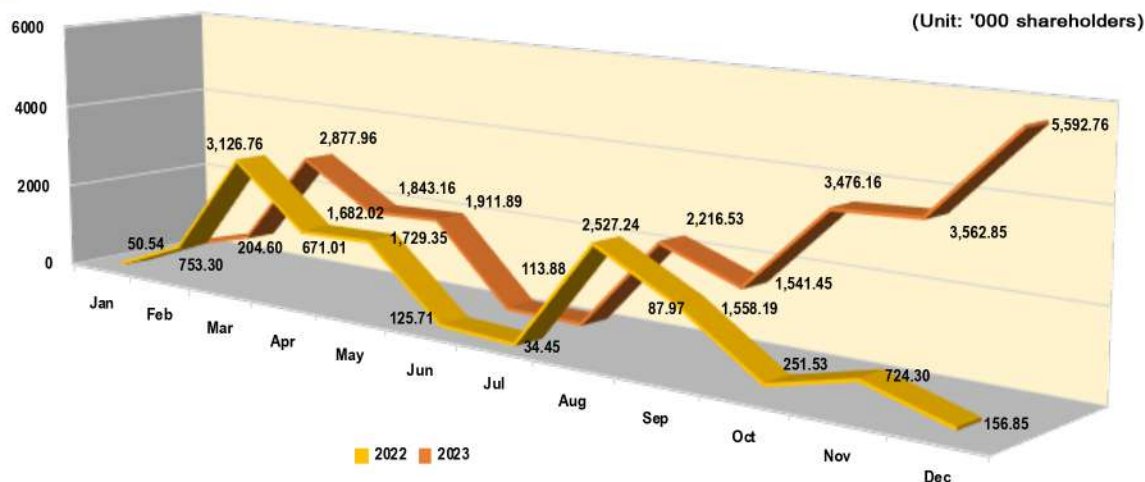
2



3

Number of shareholders received benefits

(Unit: '000 shareholders)



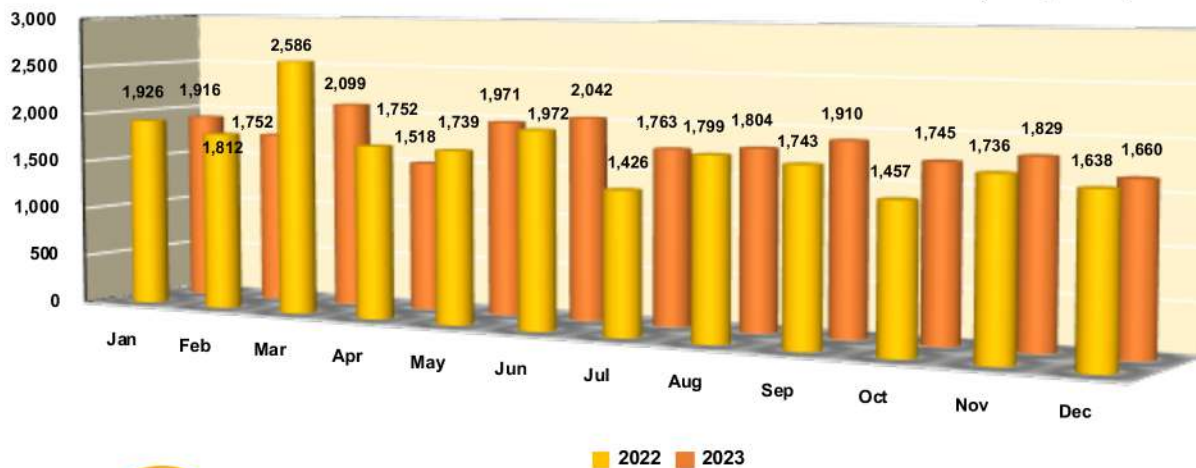
4 Total Dividend and Interest Payment

(Unit: million THB)



5 Number of investors at TSD Counter Service

(Unit: person)



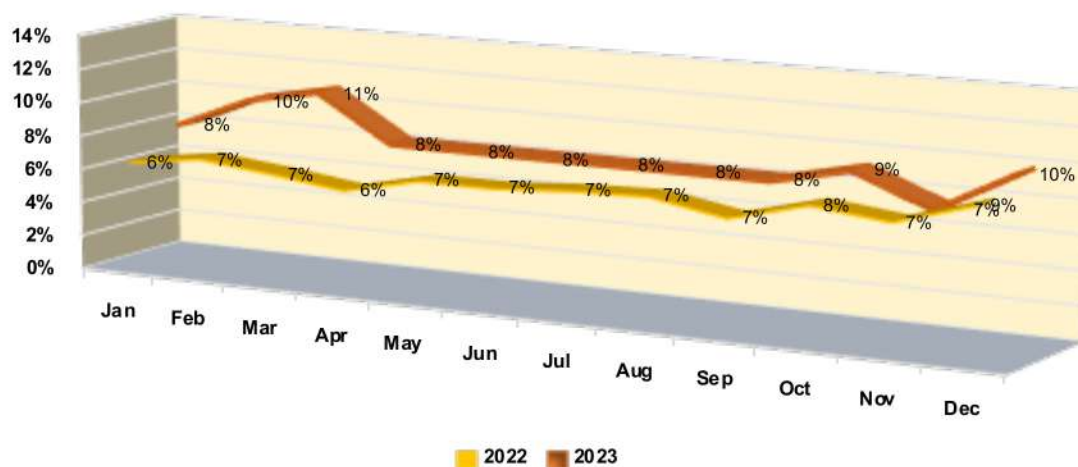
6 Total Share Value under "Pan Hoon Aom Boon"* project

(Unit: Million THB)



*Pan Hoon Aom Boon is share donation project

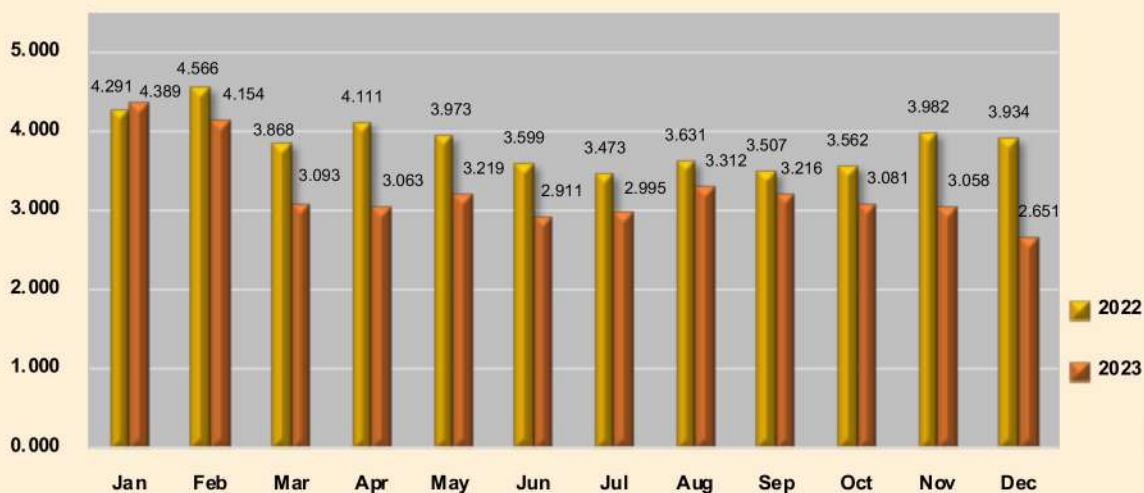
1 Settlement rate of Securities Market



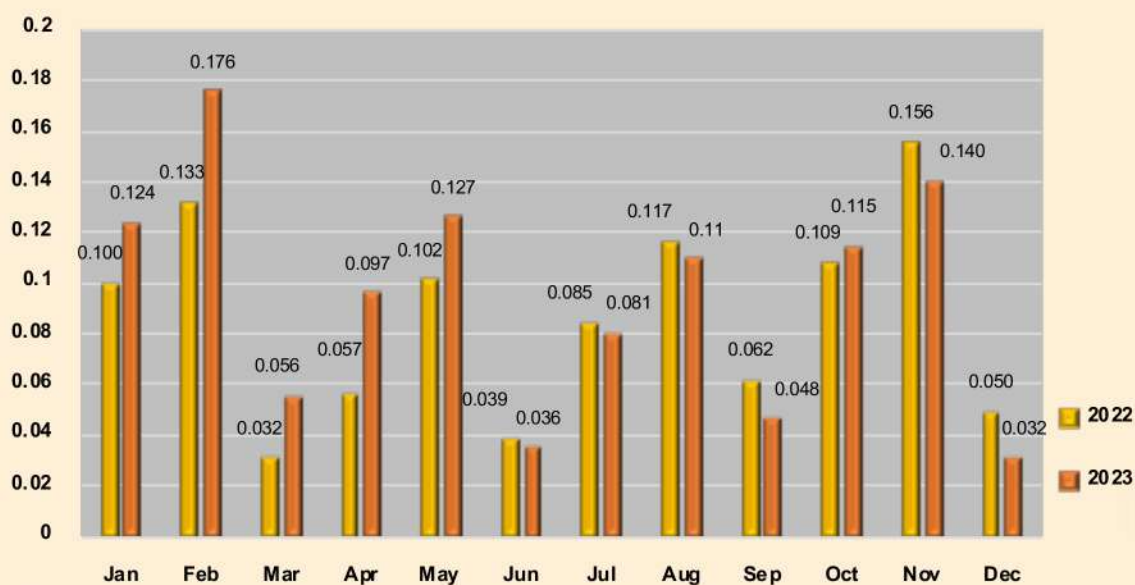
Open Interest of Derivatives Market

2

Futures Contract (million)



Options Contract (million)

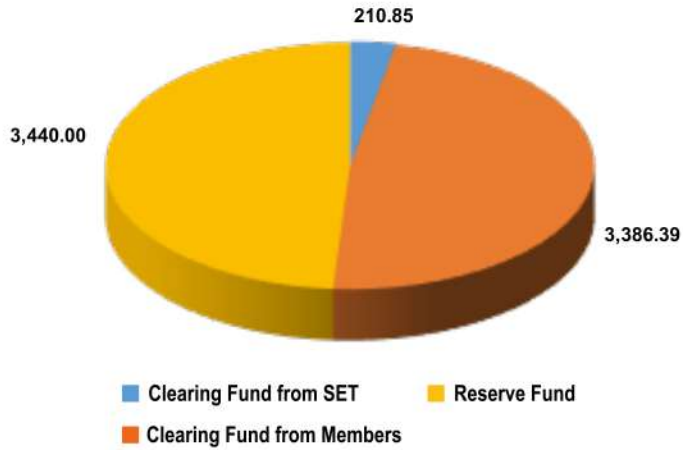


3 Guarantee fund & Reserve fund of Securities and Derivatives Market

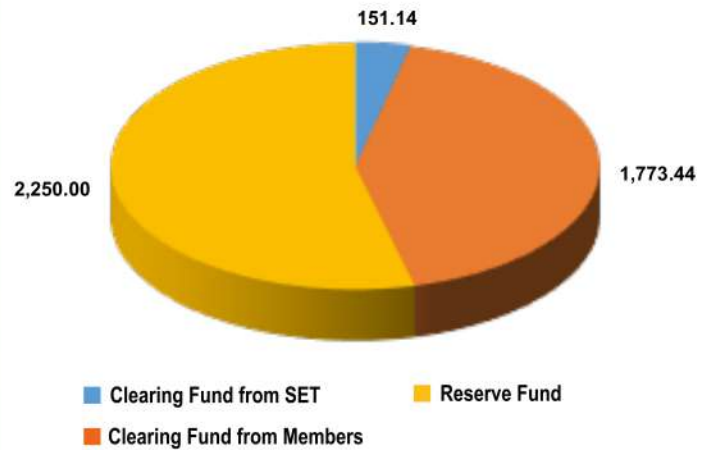
Quarter 4/2023

(Unit : million THB)

Securities Market



Derivatives Market



Total Maintenance Margin Requirement (House and Client Account)

4

(Unit: Million THB)



■ 2022 ■ 2023