

TSD & TCH Newsletter

Vol.17 • Quarter 2 • 2023



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TSD & TCH: CSD & CCP Offline

Apart from a purpose of alignment with international standard, as a Financial Market Infrastructure (FMI), TSD and TCH are always aware of the risks in the events of disaster or emergency that completely obstruct TSD & TCH from delivering CSD & CCP services when all systems for both main and alternate sites are down. With this, the plans called “CSD offline” and “CCP offline” are established to guarantee business continuity in such extreme cases in addition to our normal BCP plan. TSD & TCH have already finalized requirements with related parties and have prepared manual procedure for coping with such disruption. This year, from May to June, TSD and Bank of Thailand had a collaboration in appraising the quality of CSD offline procedure, and then, on September and November, TSD will have another test with pilot members for ensuring the efficiency of plan.

While, on TCH side, the IWT with stakeholders was conducted on July starting with on a normal case scenario. The test shall be performed additionally and regularly to cover all potential scenarios.

TSD: CSD services

CSD Lite

To offer more varieties of connectivity choices for depository member whose business undertakings are required to use only major functions in CSD system, “CSD Lite” has been initiated as another entrance with a lower investment cost of system connectivity. Depository members might consider to connect via CSD Lite if their transactions are fundamental and simple as functions of CSD Lite are equipped with limited-but-necessary services such as account management, transfer, delivering / receiving transaction, report inquiry, deposit & withdrawal, collateral lodgment, etc. The explicit benefit of it is to reduce barrier to entry and lower the cost of doing business while implicit benefit is to minimize share certificate and drive for the concept of digitization. TSD are now discussing with pilot members for system design. Next step will be training and testing. The service is expected to be ready by H1/2024.

TSD: Registrar Service

Issuer Account: e-transferring phase II & Self-authentication via NDID

After a successful implementation of e-Transferring phase 1 since December 6, 2022 by using Investor Portal (IVP) as a self-service channel for investors to generate a share transfer-out instruction from Issuer Account¹ to their account opened with broker. Such transfer will be achieved only if broker accept the instructions. TSD has continued for Phase 2 by allowing brokers to submit shares transfer-in instruction on behalf of their clients (investors). To complete the transaction, the investor's approval is required through IVP on the condition that, such investors must pass identity authentication process via National Digital ID Platform² beforehand. The launch of Phase 2 has gone live since July 3, 2023.

¹ Issuer Account is opened by the listed company that appointed TSD as a Registrar to facilitate the securities holders, who safekeep their securities directly with issuer in scripless form.

² NDID “National Digital ID Company Limited.” is a national infrastructural digitization platform to provide identity authentication to enable a straight through process for online transactions in the digital economy.

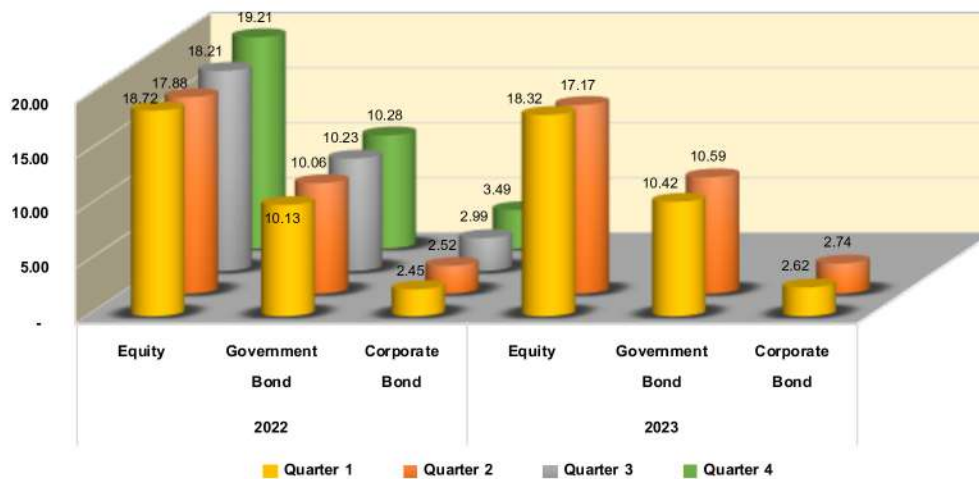
TCH: CCP services

Next series of Clearing fund improvement – simulation tool

In addition to the introduction of new concept of Clearing Fund Contribution which comes into effect since January 3, 2023, TCH has released a next series of clearing fund enhancement which is a simulation tool. With this, clearing members can daily estimate their amount of clearing fund contribution in advance by entering their trading data to stimulate their upcoming obligation so that such fund can be arranged within the timeline prescribed by TCH. This provision of simulation service has started with the securities market first in July 2023, and then shall extend to derivatives market in next phase.

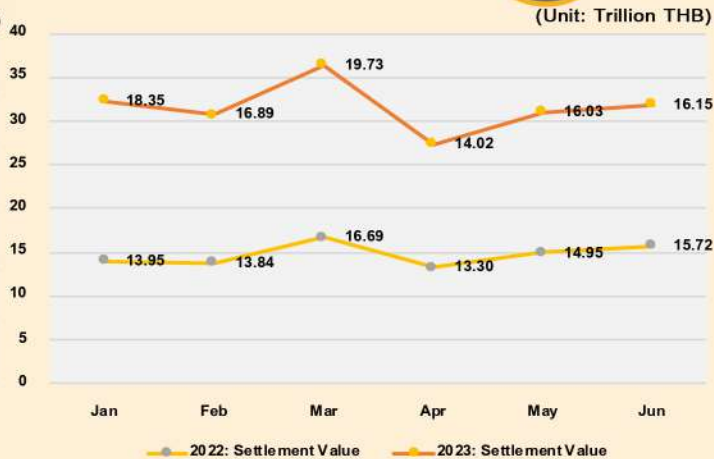
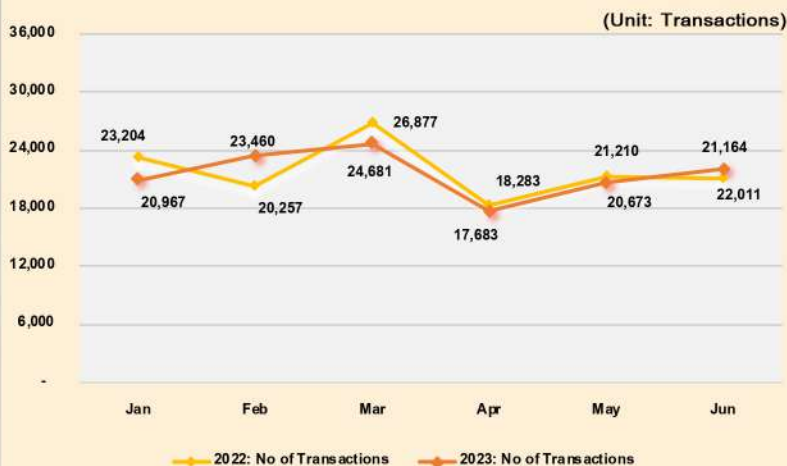
1 Total Asset Value under Custody

(Unit: Trillion THB)



Bond Settlement (Over-the-Counter)

2



3 Number of shareholders received benefits

(Unit: '000 shareholders)



Note: There are adjustment in Jan-Dec 2022.

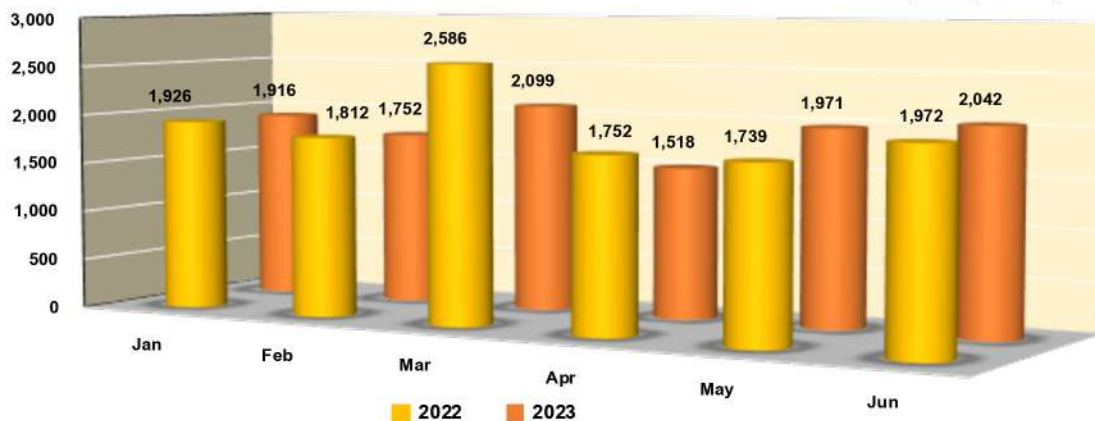
4 Total Dividend and Interest Payment

(Unit: million THB)



5 Number of investors at TSD Counter Service

(Unit: person)



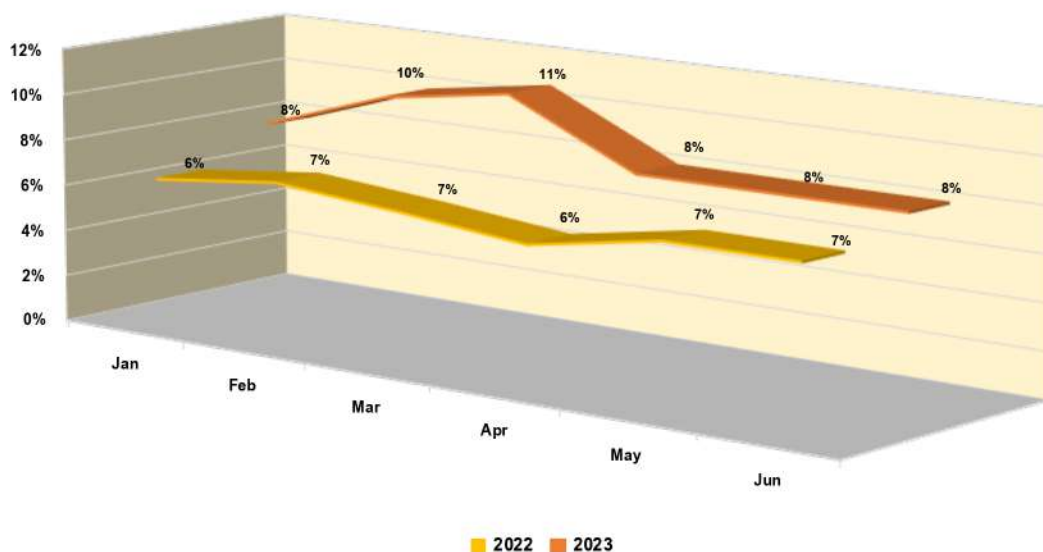
6 Total Share Value under "Pan Hoon Aom Boon"* project

(Unit: Million THB)



*Pan Hoon Aom Boon is share donation project

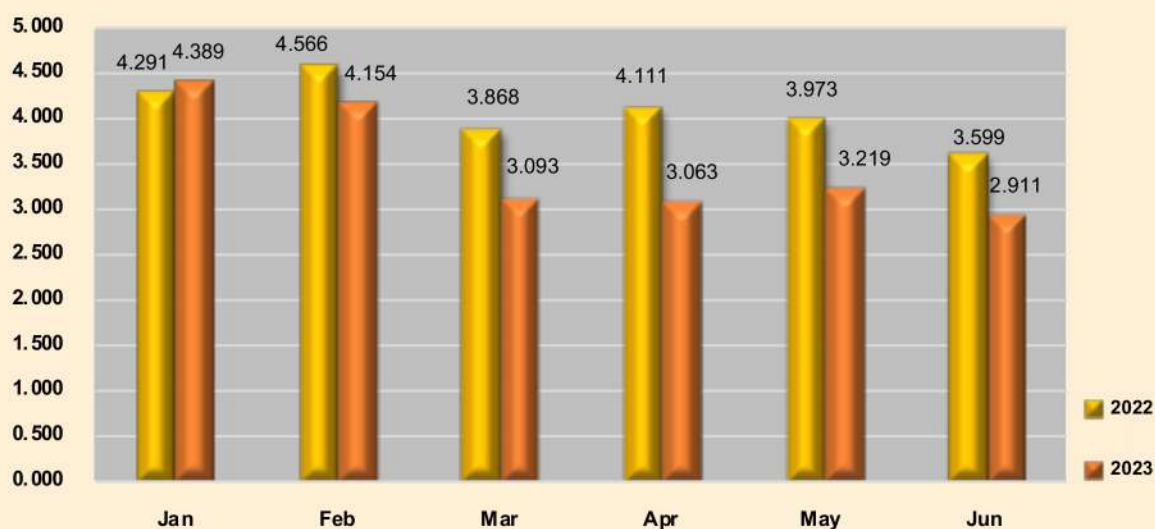
1 Settlement rate of Securities Market



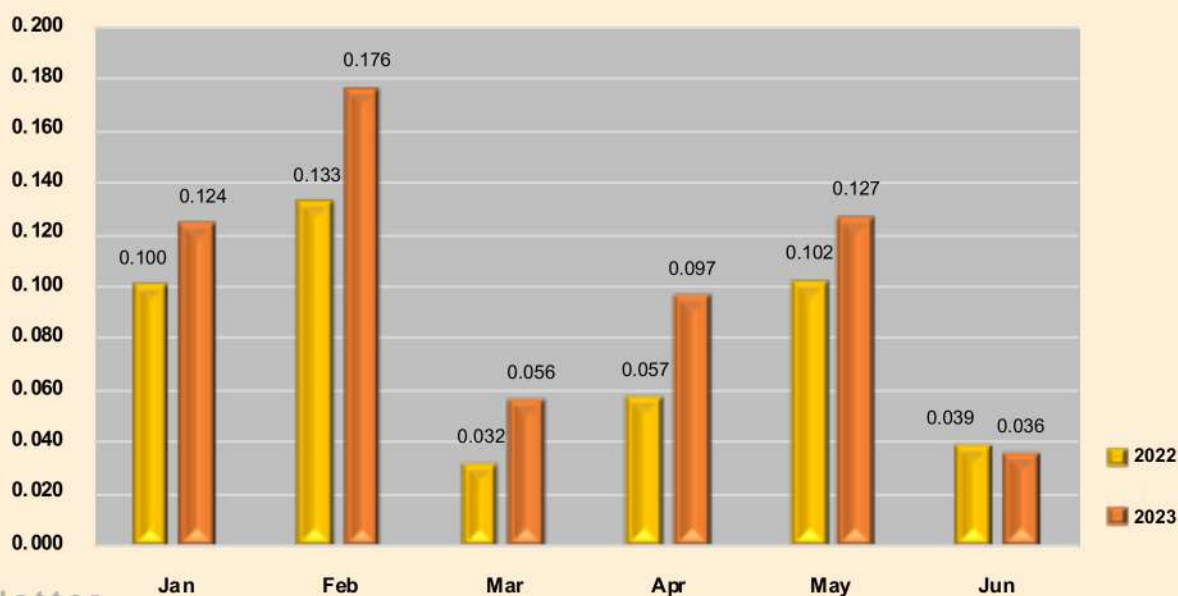
Open Interest of Derivatives Market

2

Futures Contract (million)



Options Contract (million)





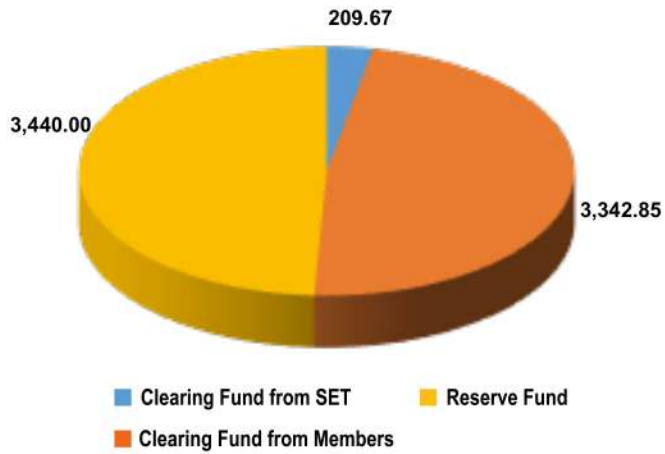
3

Guarantee fund & Reserve fund of Securities and Derivatives Market

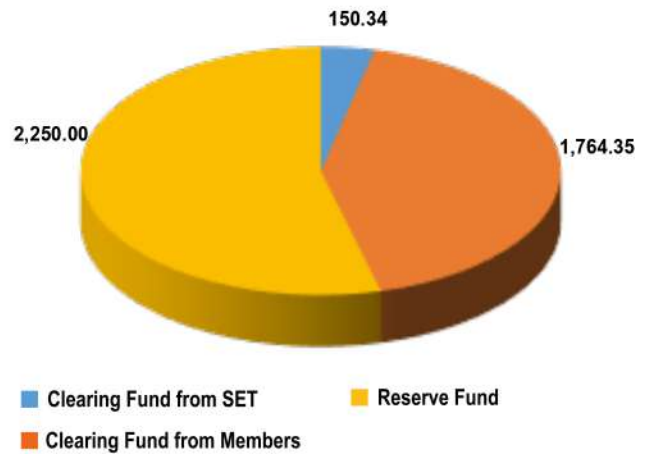
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(Unit : million THB)

Securities Market



Derivatives Market



Total Maintenance Margin Requirement (House and Client Account)

4

(Unit: Million THB)

