

TSD & TCH Newsletter

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TSD & TCH

✓ Preparation for SWIFT ISO20022

Jointly with Bank of Thailand (BOT), TSD and TCH have made significant progress for the preparation of SWIFT message standard migration from ISO15022 to ISO20022, which will initially be launch with the connectivity via RTGS linkage. In 2019, TSD, TCH and BOT completed message mapping in ISO20022 format and the next steps will focus on additional business requirements to optimize the benefit of new ISO. The tentative timeline is scheduled around H1/2022.

✓ Enhancement Member Digital Form with Electronic signature

TSD and TCH enhance the platform called “Member Digital Form” which is the additional channel for members to submit services request online by applying “Electronic Signature” for authorization process. The first stage will be to support the request to apply for using API to connect with Clearing House and Depository system. This enhancement will reduce manual and paperwork, fasten process and increase more efficiency in the capital market ecosystem. The expected live schedule is in February 2020.

TSD

✓ International Forum

TSD hosted Asia Fund Standardization Forum (AFSF) knowledge sharing workshop and Investor Services Task Force (ISTF) workshop during November 13-14, 2019, the first time that AFSF forum has held the meeting together with ISTF, the newest task force in Asian-Pacific CSD Group to look into future opportunities of post-trade services offering to investors such as e-voting, etc. For AFSF, the vision is to promote the cross-border fund trading and mutual collaborations among countries and to standardize post-trade processing. Correspondingly, the topic to be discussed in 2020 will be “Market Changes and Post Trade Concerns”. To support fund industry and achieve AFSF’s goal, in July 2017 TSD introduced “FundConnex” and in 2019 successfully created the linkage with global fund processing platform using international standard: ISO20022.



✓ Platform for Scripless Bond using DLT technology

Since 2018, BOT together with 7 organizations including TSD have collaboratively worked on the “DLT scripless bond” project. This project aims to enable the stakeholder access to the same information, increasing efficiency and transparency, lowering total operation cost of the whole system and shortening time and workloads by adopting distributed ledger technology (DLT). In addition, investors will be able to receive bonds faster in only 2 days compared to about 15 days at present.

The initial stage will cover the sales processes of savings bonds issued by The Public Debt Management Office (PDMO). TSD has also joined the DLT scripless bond platform as one of the participating nodes, serving the role of central securities depository (CSD). Currently, we are in the process of testing and finalizing rules and regulations. The tentative go-live schedule will be by H2/2020.

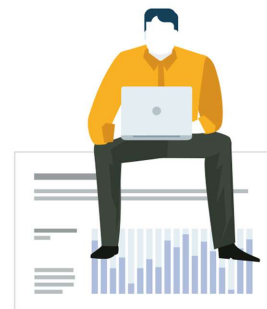
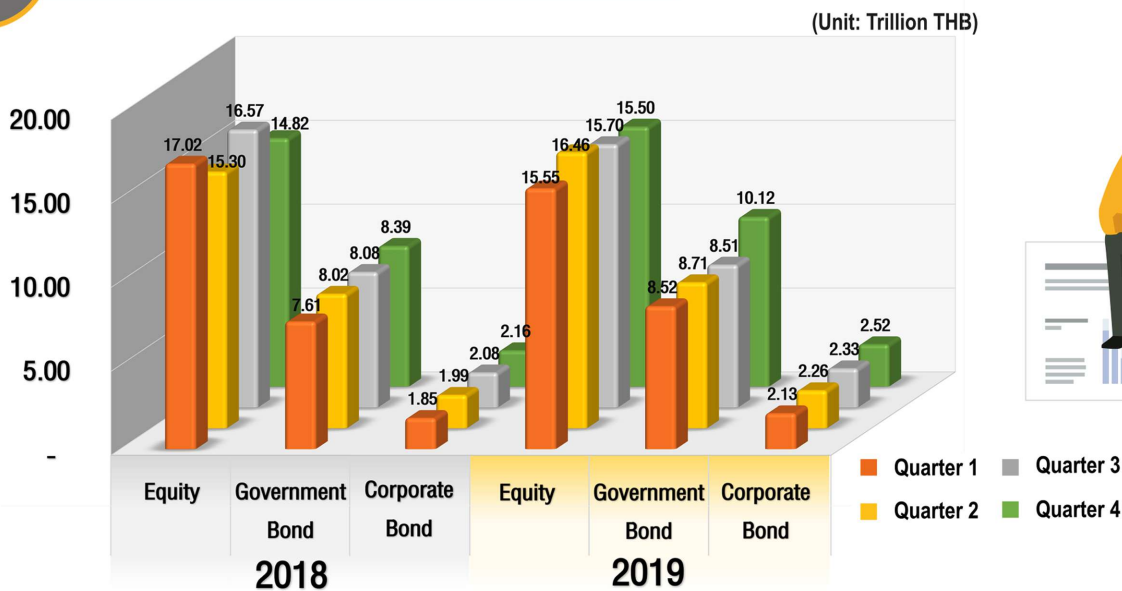
✓ API Enhancement

TSD has continuously enhanced Application Programming Interface or API, which is one of the automatic communication channels with members, in order to support more functionalities. In 2019, more functions of messages were introduced such as the notifications of book closing results, securities profile, corporate action in case of tender offer, among others, to amplify the degree of operational agility and straight-through processing concept. The enhancement has been in service since December 2019.



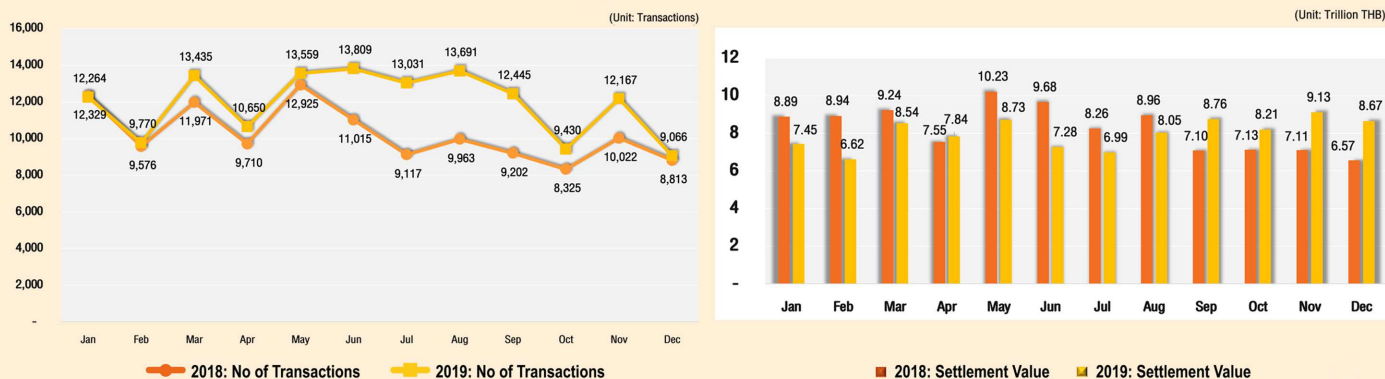
1

Total Asset Value under Custody



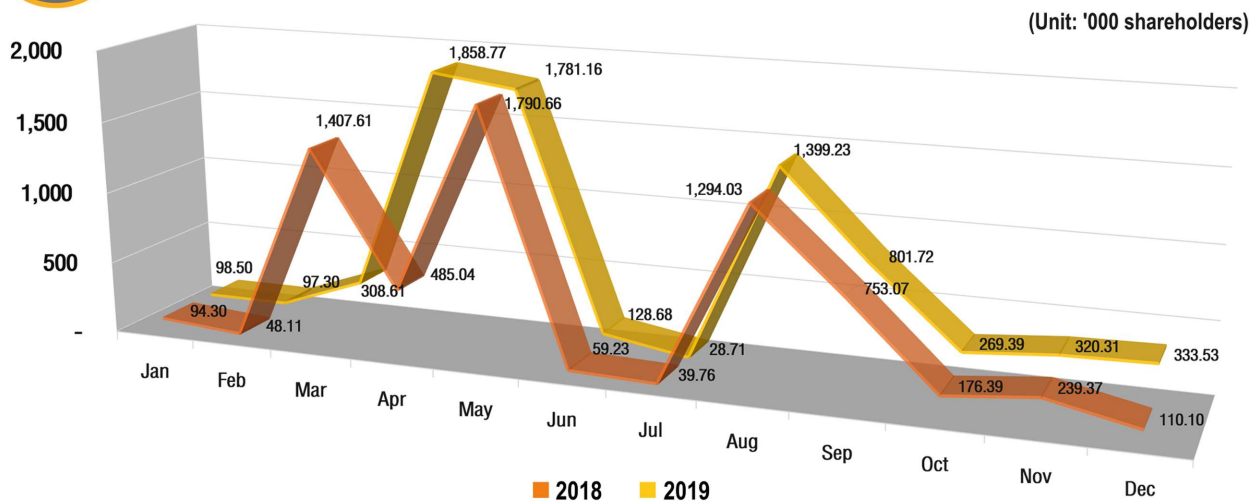
Bond Settlement (Over-the-Counter)

2



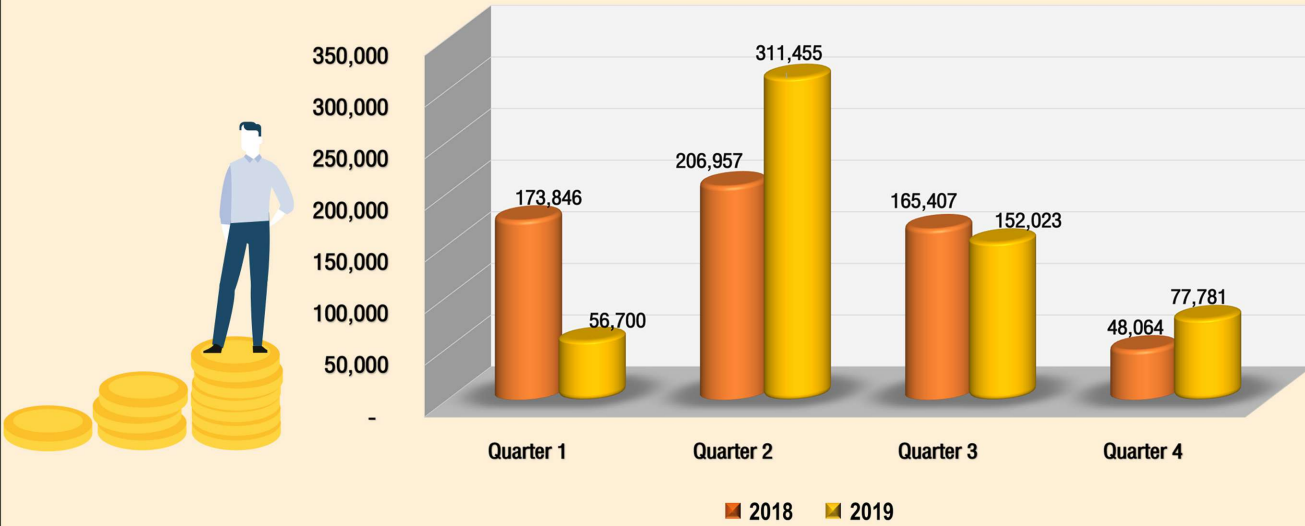
3

Number of shareholders received benefits



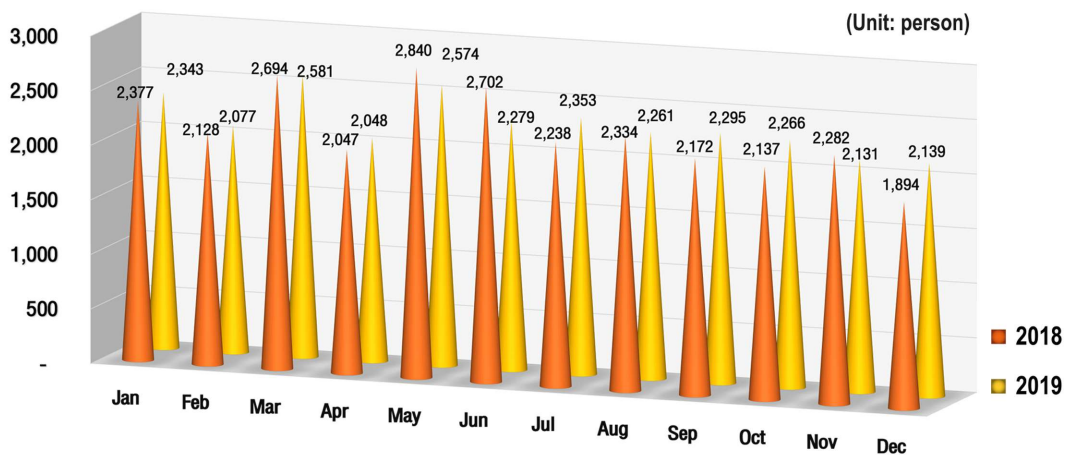
4

Total Dividend and Interest Payment



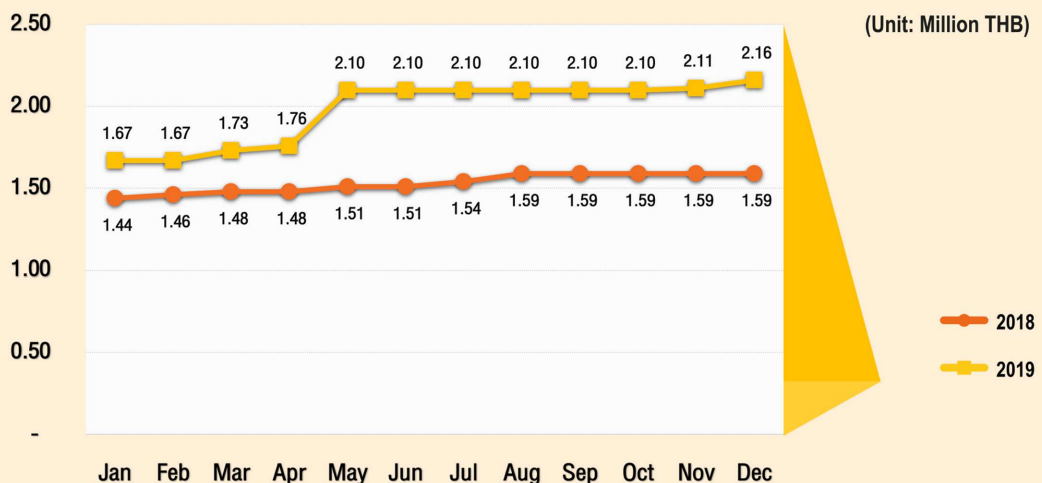
Number of investors at TSD Counter Service

5



6

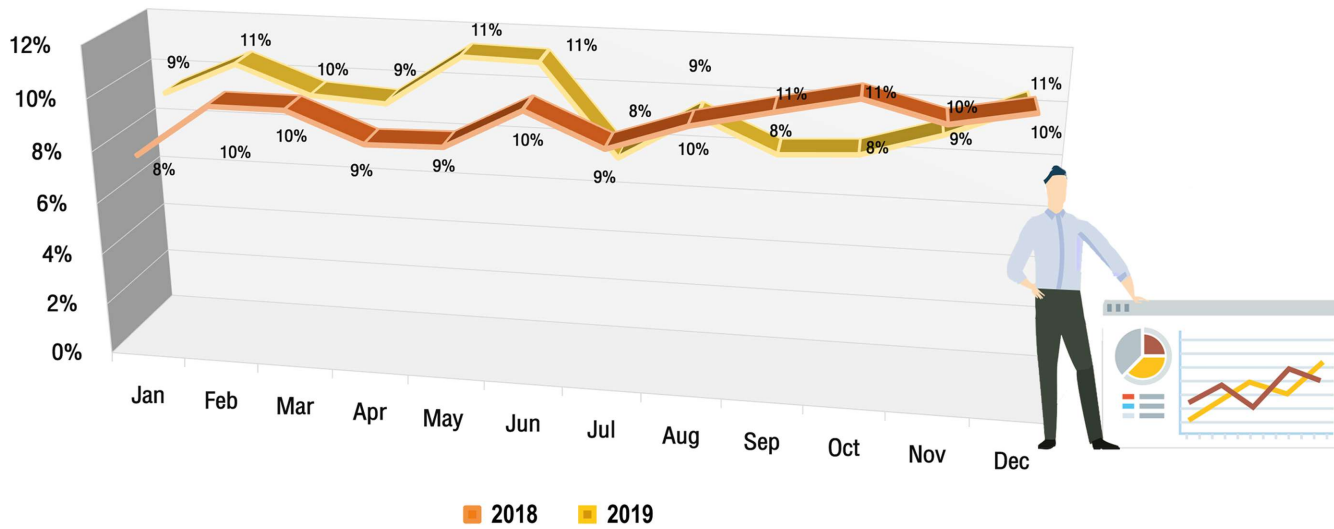
Total Share Value under "Pan Hoon Aom Boon"* project



*Pan Hoon Aom Boon is share donation project

1

Settlement rate of Securities Market



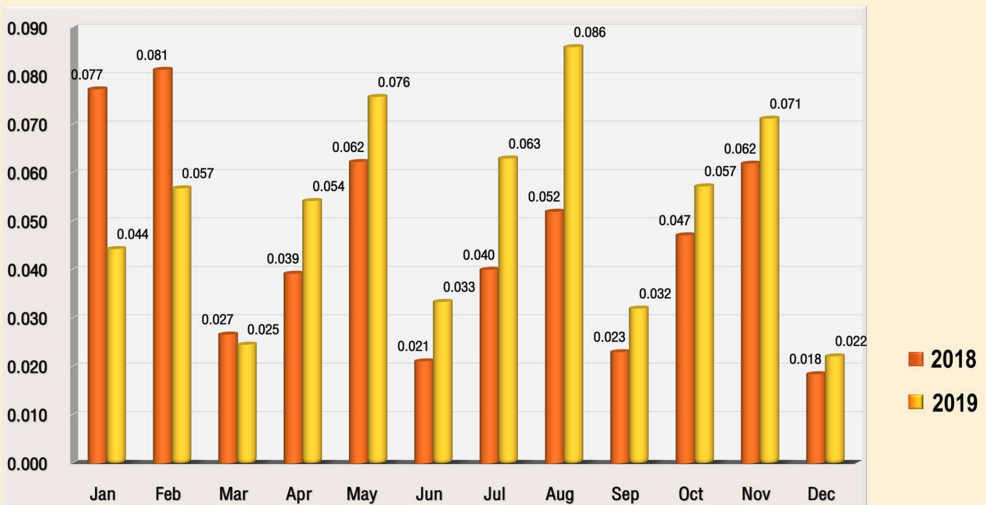
Open Interest of Derivatives Market

2

Futures Contract (million)



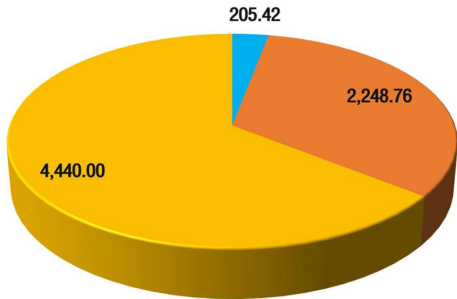
Options Contract (million)



3 Guarantee fund & Reserve fund of Securities and Derivatives Market

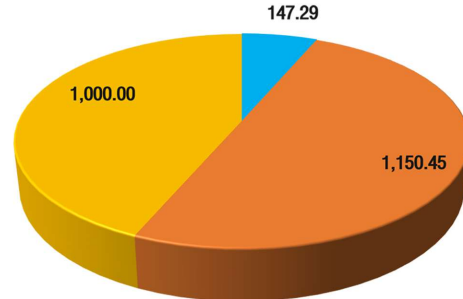
Quarter 4 / 2019

Securities Market



■ Clearing Fund from SET ■ Reserve Fund
■ Clearing Fund from Members

Derivatives Market



■ Clearing Fund from SET ■ Reserve Fund
■ Clearing Fund from Members



4 Total Maintenance Margin Requirement (House and Client Account)

(Unit: Million THB)



■ 2018 ■ 2019

