

# Japanese Yen Rates Products

JPX JGB Futures, JGB Repo & JPY IRS

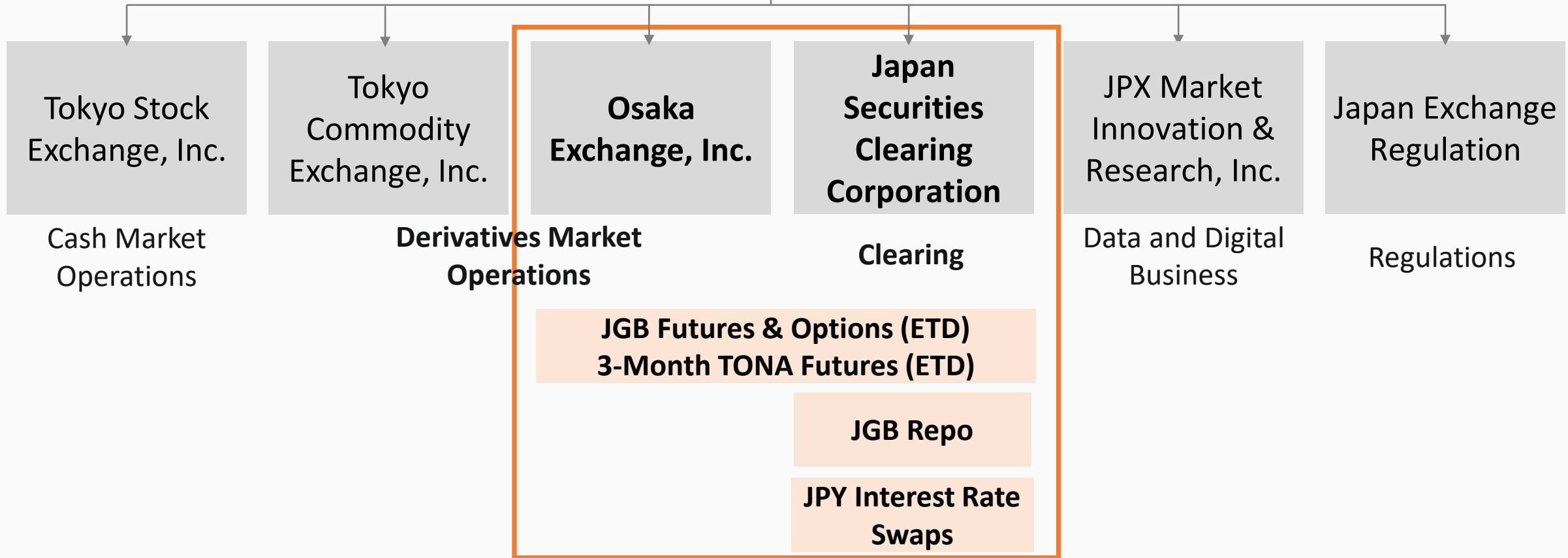
Japan Exchange Group  
Global Chief, Masanori Yoshida



# JPX and Its Role in the Yen Rates Market



## Japan Exchange Group

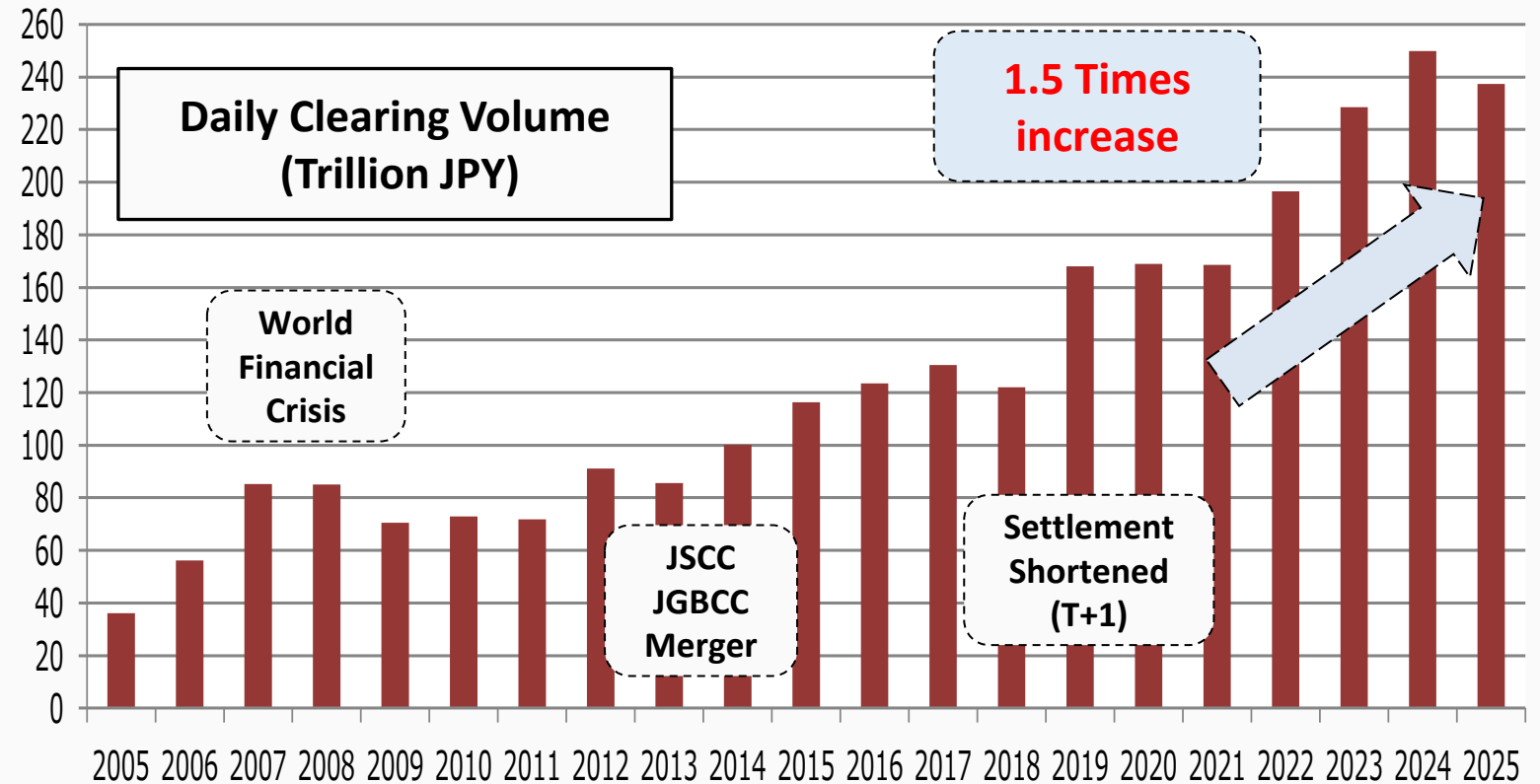


## JPX Yen Rates Products Trading & Clearing

# JGB Repo: 80% Cleared at JSCC

## JGB Repo

- Clearing rate **80%** in Japan
- **230tn (1.1 Trillion GBP)** daily volume without clearing mandate
- **0.012% settlement fail rate** (2024, based on trade counts)



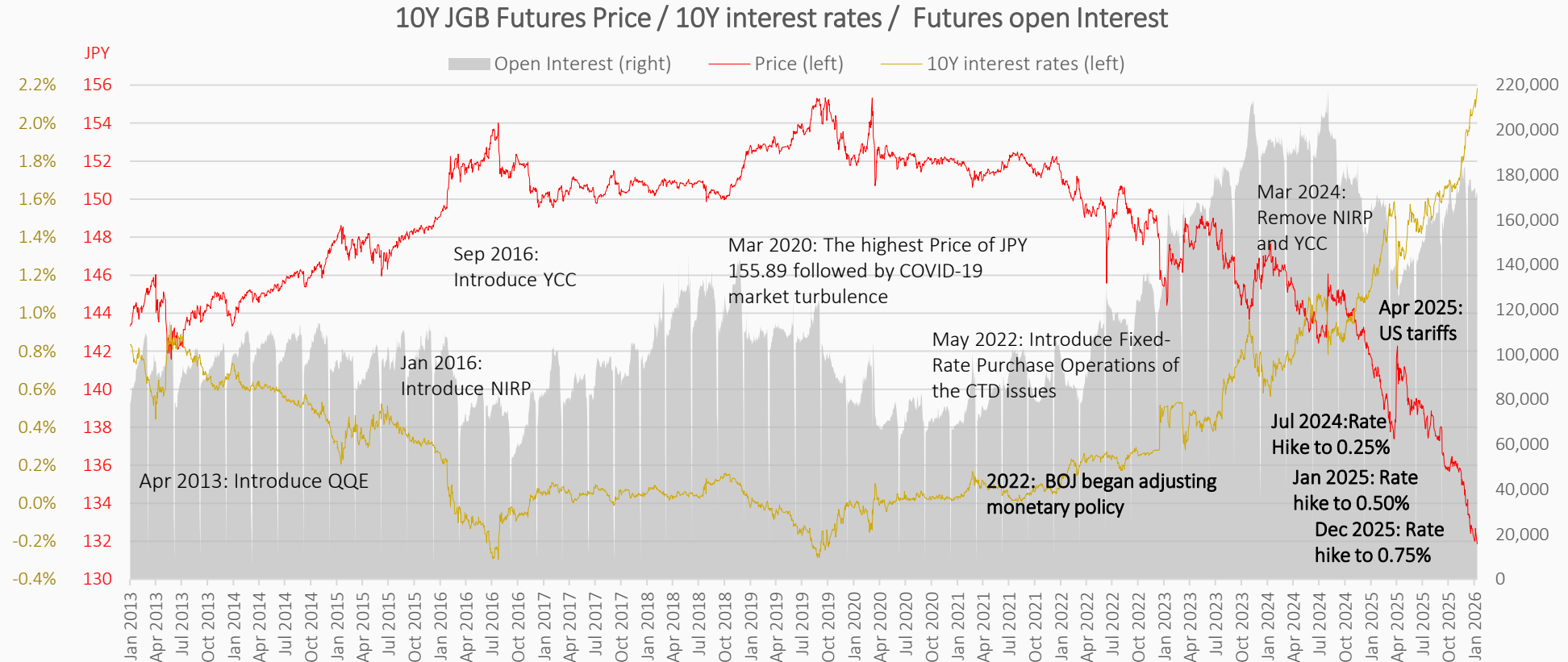
## Development of clearing for end-users

- Clearing Trust accounts clearing since 2014
- Sponsored clearing model for end-users launched in June 2025, targeting Japanese Money Reserve Funds
- **Agency customer clearing model** under discussion in the WG, to be operational the **1st quarter 2027**.

# JPX Listed Interest Rate Derivatives and Market Events

## 10-year JGB Futures

- Yields plunged during the US tariff turmoil in April but rebounded, with 10Y yields topping 2% at the December rate hike.



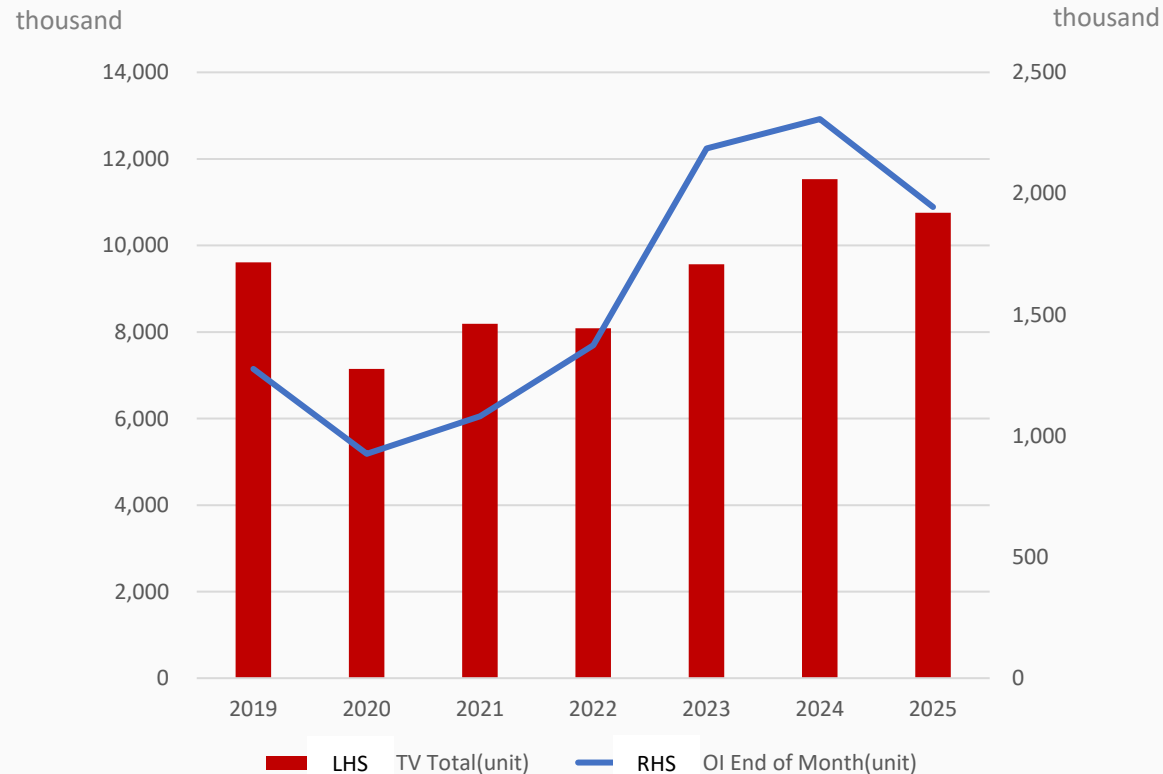
		2020	2021	2022	2023	2024	2025
Futures	Average Daily Trading Value	JPY 2.9 tri.	JPY 3.3 tri.	JPY 3.3 tri.	JPY 3.9 tri.	JPY 4.7 tri.	JPY 4.4 tri.
	Difference between the high and low prices (Daily Average)	JPY 0.28	JPY 0.18	JPY 0.38	JPY 0.45	JPY 0.38	JPY 0.47
	S&P/JPX JGB VIX Index (Daily Average)	2.1%	1.6%	3.3%	4.2%	3.6%	4.0%
Cash Bonds	Current 10Y JGB Yield (end of year)	0.02%	0.07%	0.41%	0.62%	1.09%	2.06%

# 10-year JGB Futures: Japan's benchmark rates derivative

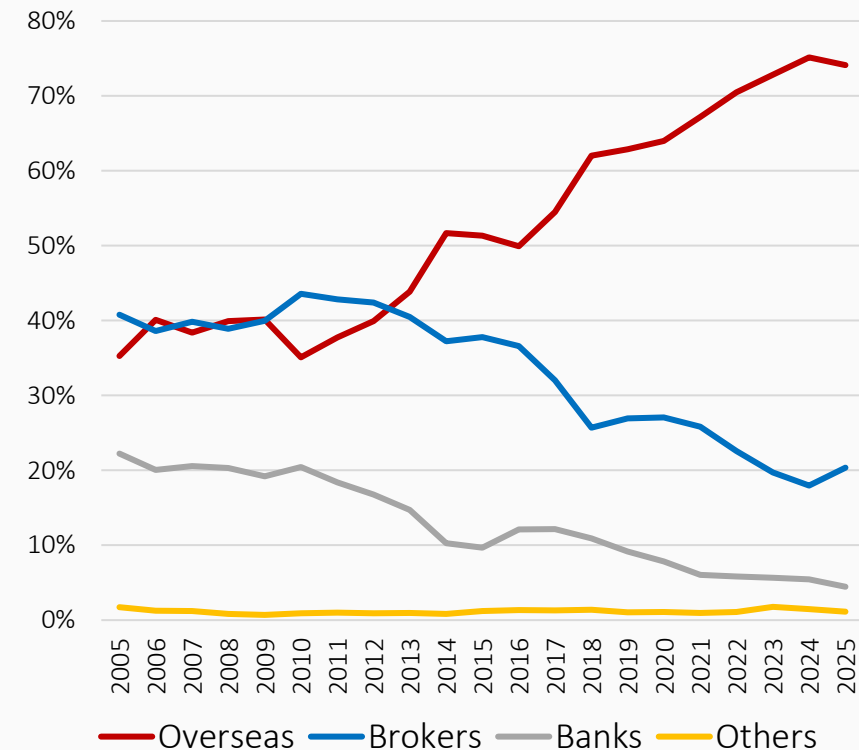
## 10-year JGB Futures

- 10-yr JGB Futures growing: open interest grew by **1.5 times since 2019**
- **Over 70%** of trading volume dominated by offshore customers

### Trading Volume and Open Interest



### Trading Volume Share by Investor Type



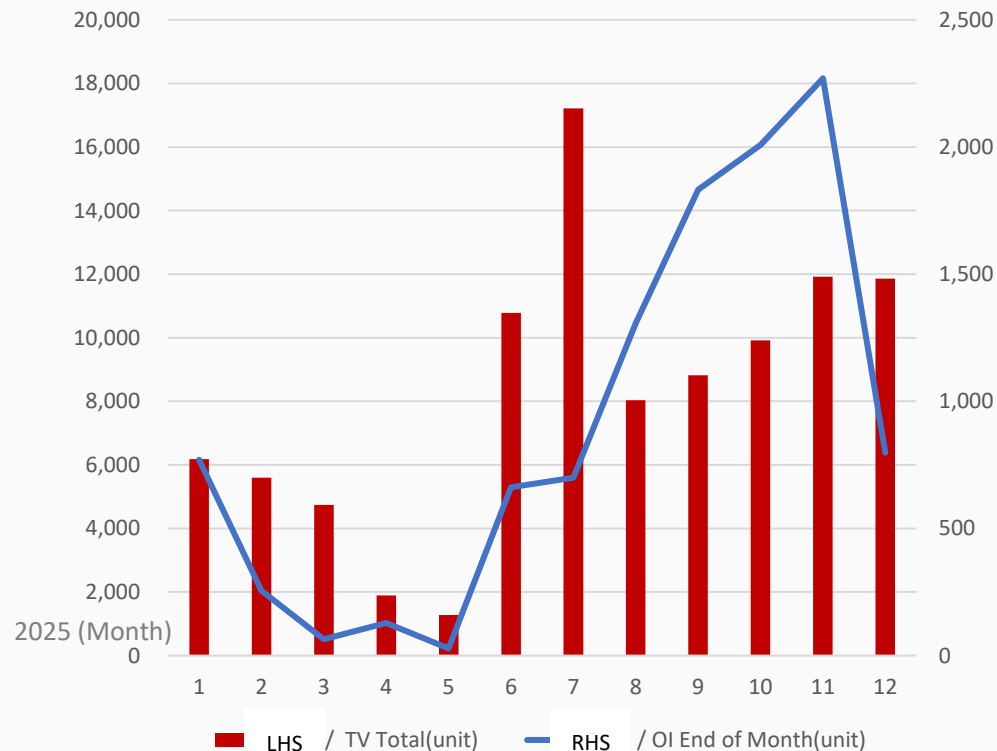
Source: JPX, FSA

# Options on 10-year JGB Futures: more interest in the JGB Futures

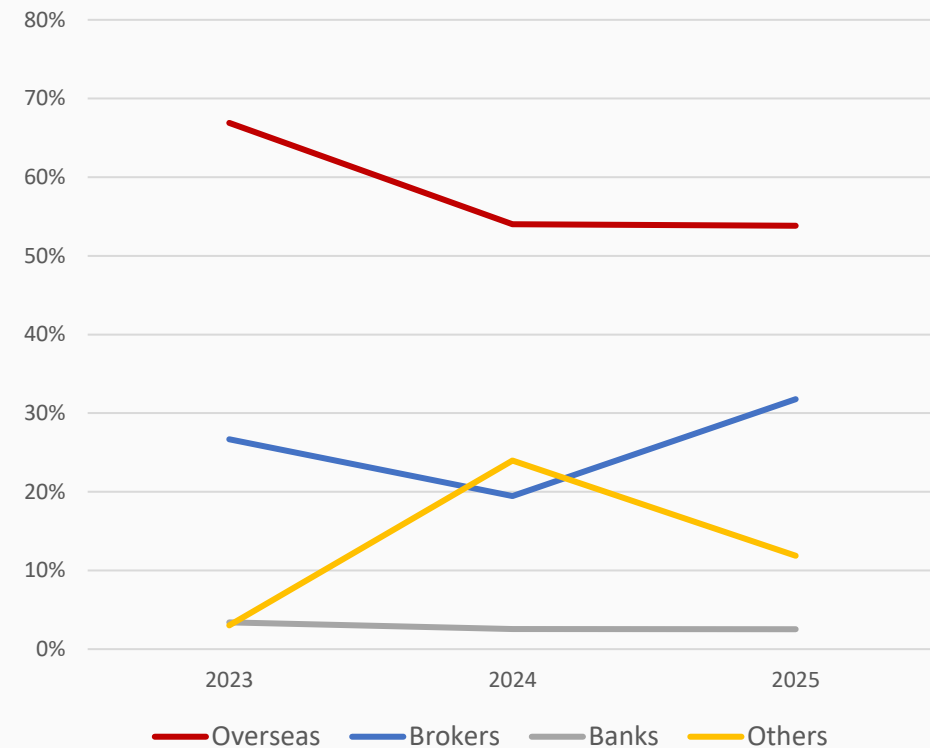
## Options on 10-year JGB Futures

- Improved liquidity in the option market throughout last year indicating an increasing attention to the JGB futures market

### Trading Volume and Open Interest



### Trading Volume Share by Investor Type

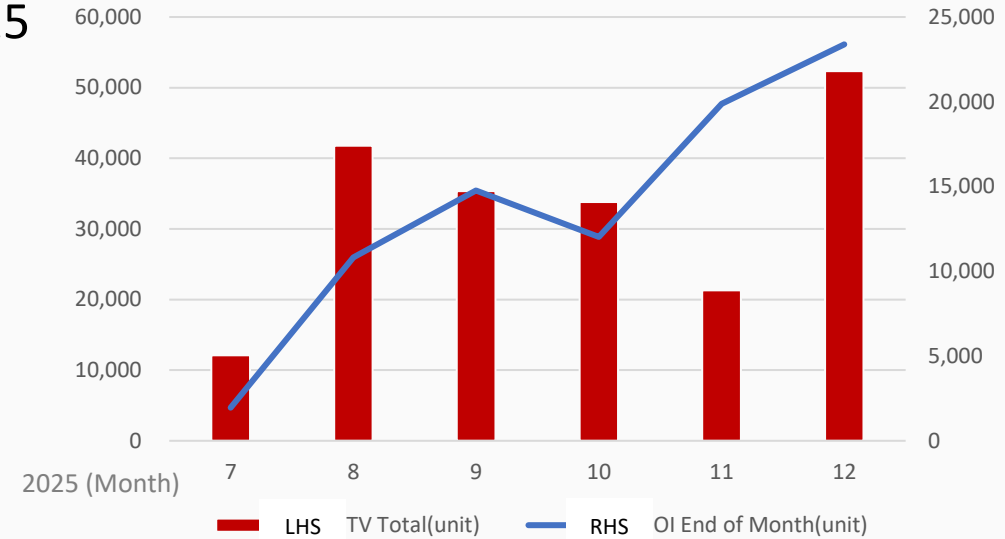


# 20-year JGB Futures: Growing Interest in the Ultra-Long End

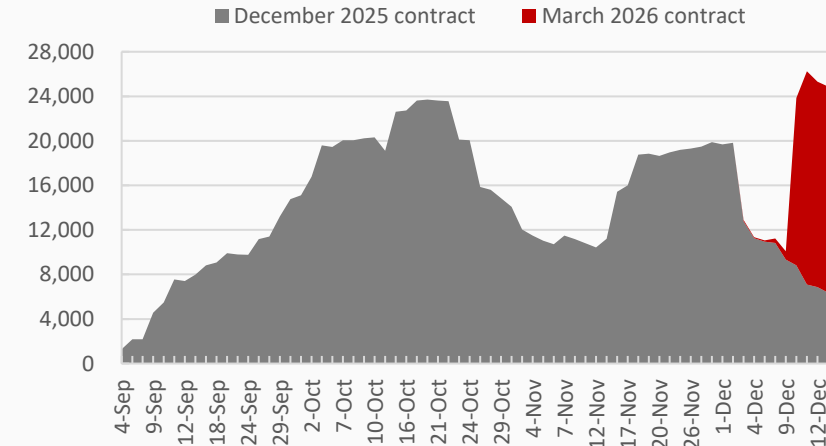
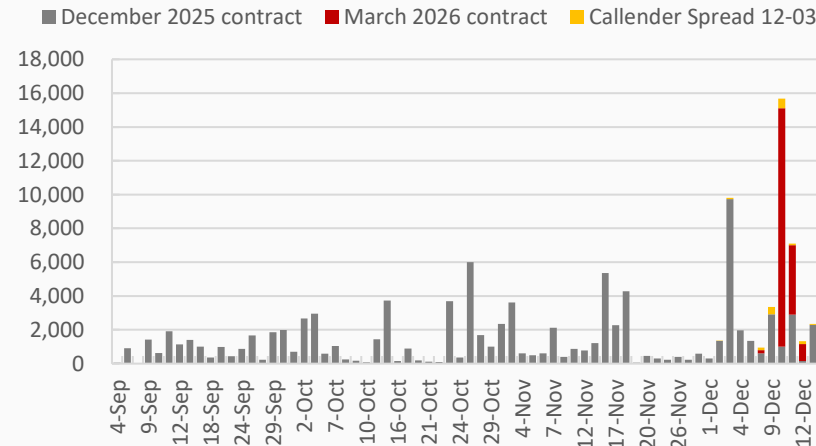
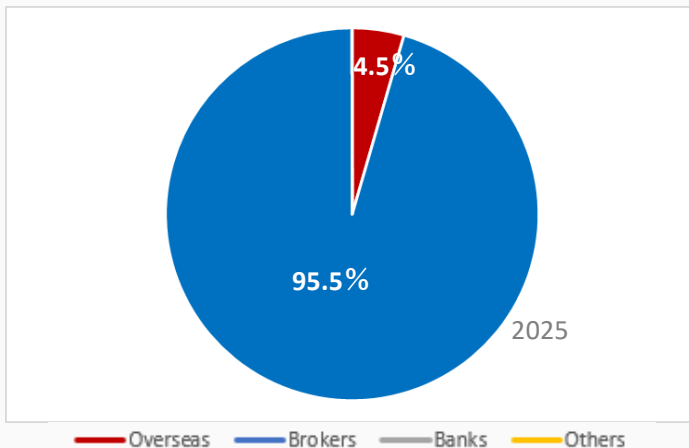
## 20-year JGB Futures

- **Highest trading volume:** 196,682 contracts in 2025
- Active roll-over seen in latest (Dec. - Mar.): 95% traded by props, rising volatility and weaker correlation between cash JGBs and swaps have driven demand in the product

Trading Volume and Open Interest



Trading Volume Share by Investor Type and Recent Roll-Over

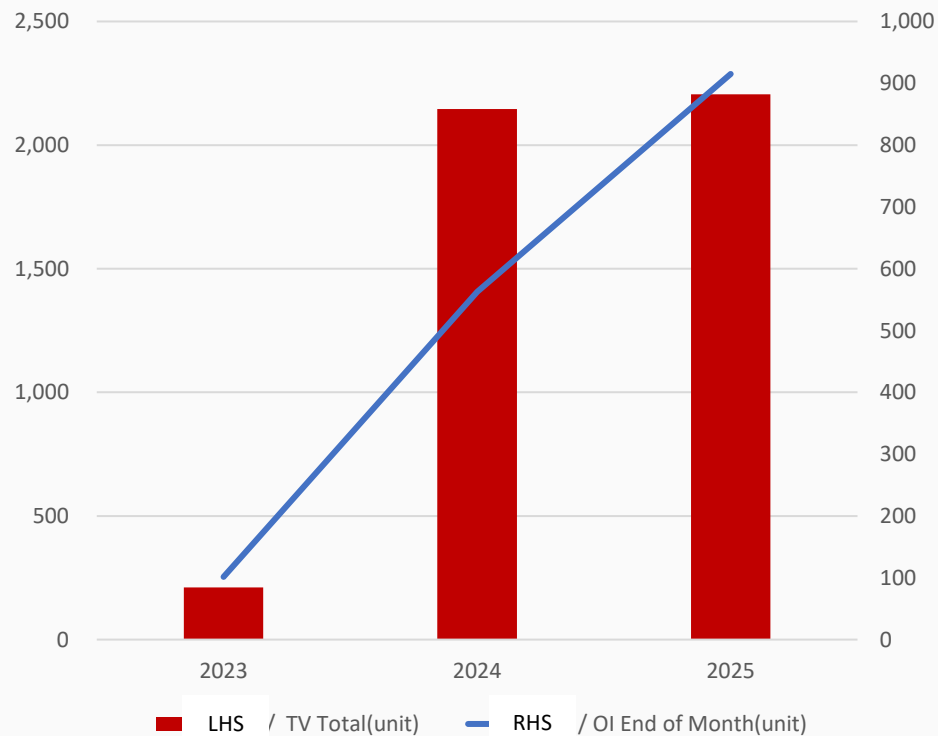


# 3-Month TONA Futures: Rapidly Growing Market

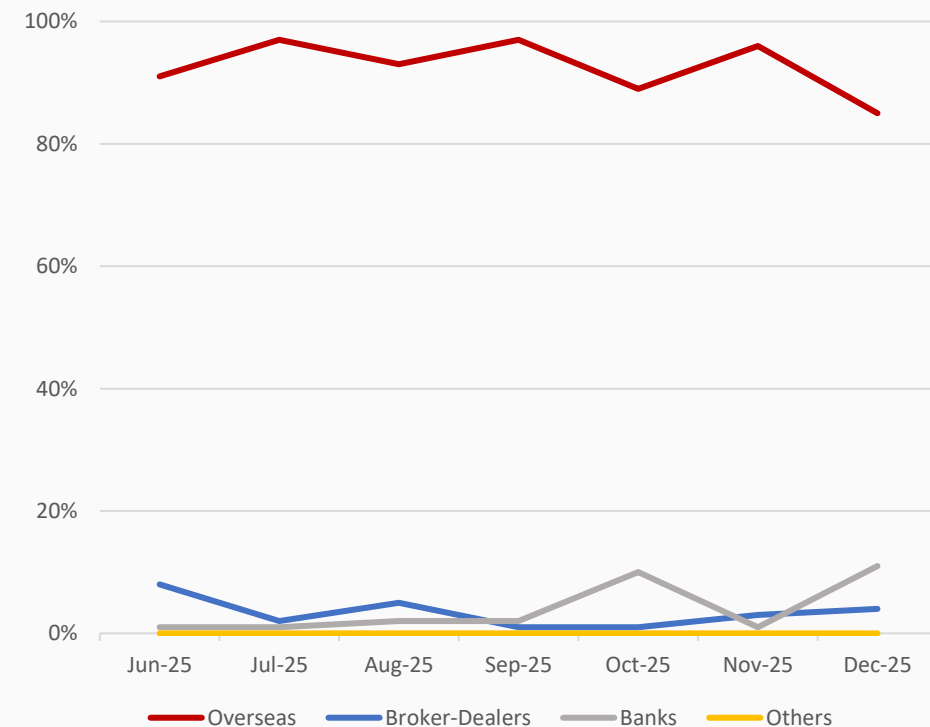
## 3-Month TONA Futures

- **Record high trading volume:** 2,205,698 contracts in 2025
- In addition to existing overseas investors, trading by domestic financial institutions is becoming more active

### Trading Volume and Open Interest



### Trading Volume Share by Investor Type



# JPX Interest Rate Derivatives Overall

ETD products

**3-Month TONA Futures**

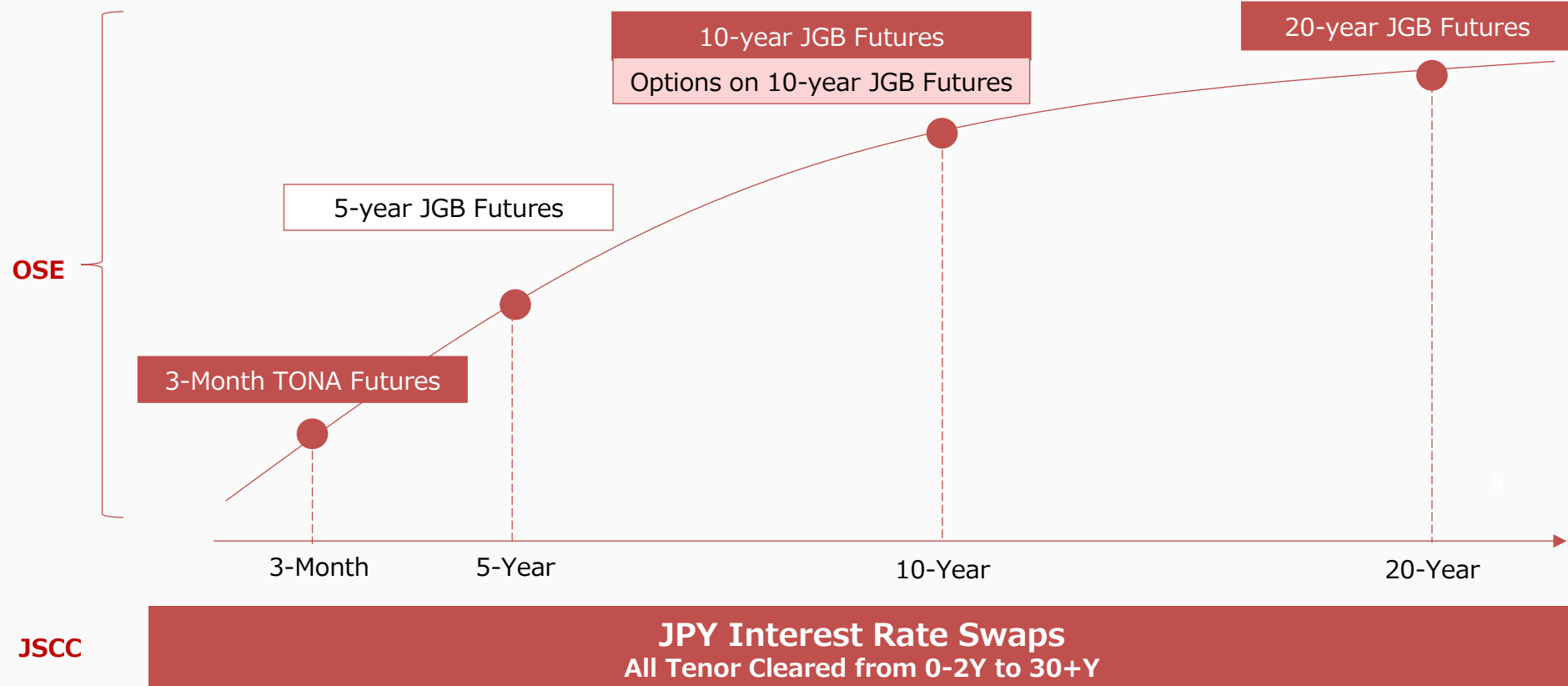
**10-year JGB Futures**

5-year JGB Futures

Mini 10-year JGB Futures

**20-year JGB Futures**

**Options on 10-year JGB Futures**



Source: JPX