

# **Outlook for 20Y JGB Auction**

# Good primary sale expected, but JL174 tap is unlikely to accelerate up

- ✓ We think about our bidding stance, expecting the 20Y JGB yield to move at the 0.365-0.400% range toward end-2020
- ✓ In terms of relative value, it would be worth considering the 16-17Y/20Y/22-23Y butterfly trade

Strategic Memorandum DSTE417 FICC Research Dept.

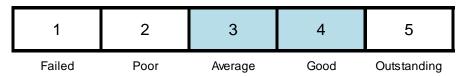
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Daiwa Securities Co. Ltd.

# **Auction Details**

Auction Date: December 10, 2020
Issue Date: December 11, 2020
Maturity Date: September 20, 2040
Offering Amount: About 1.2 trillion yen

## **Exp. Rating on Auction Results**



Moving in the 0.375-0.395% range since previous auction

Since the previous 20Y JGB auction went well at the 0.390-0.395% level (-1.0 - -0.5bp vs. previous day's close), the 20Y JGB yield has been moving in the 0.375-0.395% range on an intraday basis. At 15:00 today (Dec. 9), JL174 trades at 0.375-0.380% (unchanged -+0.5bp vs. previous day's close). We have the impression that there are buyers for 20Y JGBs even at the level below 0.40% in a matter-of-fact way.

MOF may not need to issue more JGBs in the market for the economic packaged, but market participants have been requesting further issuance of 20Y and 40Y JGBs persistently

Despite the recent increase in positive headlines related to the development/diffusion of COVID-19 vaccines, worries about the economic outlook remain strong amid increasing Covid-19 infections around the globe. The global trend of fiscal expansion is unlikely to change substantially for a while. Also in Japan, the Suga administration approved for an additional economic package worth around 40th yen in fiscal spending at a Cabinet meeting on December 8. At the moment, there is a possibility that the calendar-based market issuance amount after the third supplementary budget will be unchanged from the figure after the second supplementary budget. Compared to the amount after the second extra budge, the degree of decline in the FY21 calendar-based market issuance amount may not be so large. Depending on how to increase FILP bonds, the calendar-based issuance in FY2021 could remain flat or even increase slightly vs. that after the second supplementary budget in FY2020, we estimate. Regarding an increase/decrease of the issuance of superlong JGBs in the JGB issuance plan, the Ministry of Finance (MOF) and market participants appear to have slightly different opinions. However, market participants have

<sup>\*</sup> New 20Y JGBs will be the last reopening of JL174 carrying a 0.4% coupon.

<sup>\*\*</sup> On December 9, JL174 traded at 0.375-0.380% (unch - +0.5bp v. previous day's close) and closed at 0.375% (unch).



been requesting further issuance of 20Y JGBs and 40Y JGBs persistently. We will be watching closely responses by the MOF, which appears to have a strong commitment to the issuance management by maturity structure that meets market needs. In such a situation, we summarize key points to think about the bidding stance at tomorrow's auction as follows:

- ✓ Primary dealers appear to be not deeply short in the 20Y sector: It is difficult to strongly expect support from short-covering. The key for the auction would be the level of demand from investors;
- ✓ There are no strong worries about demand from investors even at the level below 0.4%: As witnessed by the fact that 20Y JGBs have been traded in the 0.375-0.395% range since the previous auction, we have the impression that there are buyers even at the level below 0.4% in a matter-of-fact way. It is highly likely that bids will be placed at the level below 0.4% tomorrow, but there are no strong worries about demand from investors:
- ✓ Noticeably undervalued vs. around the 23Y sectors on the curve: Our analysis based on data since the previous 20Y JGB auction shows that the 20Y sector is noticeably undervalued vs. around the 23Y sectors on the intermediate to superlong zone of the curve. On the other hand, we can say that the 20Y sector is overvalued vs. the 10Y sector (Appendix 3). The 20Y asset swap spread has been widening, albeit quite moderately, after hitting a peak at around the Yen LIBOR+20bp in August (Appendix 6). Although the current level points to a slight widening compared to the level as of the previous auction, we can say that it is not expensive based on Z scores and other data;
- ✓ No large-lot supply to superlong JGBs until the 30Y JGB auction scheduled for January 2021: After tomorrow's 20Y JGB auction, there will be no large-lot supply to superlong JGBs supply until the 30Y JGB auction scheduled for January 8 (excl. the 500bn yen tap auction on December 22). By then, the BOJ could offer two purchase operations in the 10-25Y zone (once this month and we expect once in Jan).

We think about our bidding stance, expecting the 20Y JGB yield to move at the 0.365-0.400% level by end-2020

Overall, we would like to think about our bidding stance at tomorrow's auction, expecting the 20Y JGB yield to move at the 0.365-0.400% level by the end of the year. Given this level, we think that a cautious stance is necessary to take big outright positions at the 0.375-0.380%. In terms of the relative value, it would be worth considering the 16-17Y/20Y/22-23Y butterfly trade (buying 20Y/selling 16Y and 22-23Y, Appendix 5). This is partly because (1) the 20Y sector is strongly undervalued vs. winnings in such sectors and (2) spreads are now close to their reversal levels.

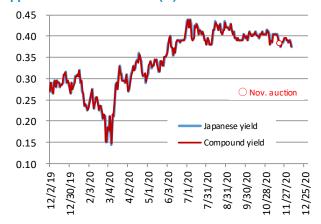
#### 20Y JGB Auction Results

| Auction<br>Date | Issue # | Coupon<br>(%) | Maturity<br>Date | Issue<br>Size<br>(billion<br>yen) | B/C  | Average<br>Accepted<br>Price<br>(Yen) | Lowest<br>Accepted<br>Price<br>(Yen) | Tail<br>(Yen) | Average<br>Accepted<br>Yield (%) | Highest<br>Accepted<br>Yield (%) | Tail (%) | Allotment (%) | Rating |
|-----------------|---------|---------------|------------------|-----------------------------------|------|---------------------------------------|--------------------------------------|---------------|----------------------------------|----------------------------------|----------|---------------|--------|
| 12/10/20        | 174R    | 0.4           | 9/20/40          | 1,200*                            |      | (1011)                                | (1011)                               |               |                                  |                                  |          |               |        |
| 11/18/20        | 174R    | 0.4           | 9/20/40          | 1,280.3                           | 3.61 | 100.22                                | 100.15                               | 0.07          | 0.388                            | 0.391                            | 0.003    | 17.0997       | Good   |
| 10/20/20        | 174     | 0.4           | 9/20/40          | 1,304.1                           | 3.86 | 100.10                                | 100.05                               | 0.05          | 0.394                            | 0.397                            | 0.003    | 18.5341       | Good   |
| 9/10/20         | 173R    | 0.4           | 6/20/40          | 1,243.1                           | 3.69 | 99.85                                 | 99.75                                | 0.10          | 0.408                            | 0.413                            | 0.005    | 75.5975       | Avg    |
| 8/25/20         | 173R    | 0.4           | 6/20/40          | 1,316.2                           | 3.92 | 99.94                                 | 99.90                                | 0.04          | 0.403                            | 0.405                            | 0.002    | 67.8187       | Good   |
| 7/21/20         | 173     | 0.4           | 6/20/40          | 1,313.4                           | 3.80 | 99.70                                 | 99.65                                | 0.05          | 0.416                            | 0.419                            | 0.003    | 28.5714       | Good   |
| 6/26/20         | 172R    | 0.4           | 3/20/40          | 977.7                             | 3.87 | 100.24                                | 100.20                               | 0.04          | 0.386                            | 0.389                            | 0.003    | 59.9036       | Good   |
| 5/20/20         | 172R    | 0.4           | 3/20/40          | 957.3                             | 4.25 | 101.26                                | 101.20                               | 0.06          | 0.332                            | 0.335                            | 0.003    | 36.3983       | Good   |
| 4/21/20         | 172     | 0.4           | 3/20/40          | 899.4                             | 3.58 | 101.21                                | 101.10                               | 0.11          | 0.335                            | 0.340                            | 0.005    | 16.5349       | Avg    |
| 3/12/20         | 171R    | 0.3           | 12/20/39         | 963.5                             | 3.69 | 100.98                                | 100.90                               | 0.08          | 0.248                            | 0.252                            | 0.004    | 97.2897       | Good   |
| 2/20/20         | 171R    | 0.3           | 12/20/39         | 969.8                             | 3.99 | 101.27                                | 101.25                               | 0.02          | 0.232                            | 0.234                            | 0.002    | 81.9560       | Good   |
| 1/17/20         | 171     | 0.3           | 12/20/39         | 899.1                             | 3.83 | 99.99                                 | 99.90                                | 0.09          | 0.300                            | 0.305                            | 0.005    | 93.4722       | Good   |
| 12/17/19        | 170R    | 0.3           | 9/20/39          | 1,027.5                           | 4.10 | 100.25                                | 100.20                               | 0.05          | 0.286                            | 0.289                            | 0.003    | 30.5611       | Good   |
| 11/20/19        | 170R    | 0.3           | 9/20/39          | 1,032.8                           | 4.21 | 100.63                                | 100.60                               | 0.03          | 0.266                            | 0.268                            | 0.002    | 43.6701       | Good   |

<sup>\*</sup> Amount the Ministry of Finance plans to issue Source: Ministry of Finance (MOF), Daiwa Securities.

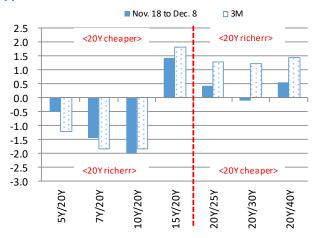


## Appendix 1: 20Y JGB Yield (%)



Source: Daiwa Securities.

## Appendix 3a: Z-score I



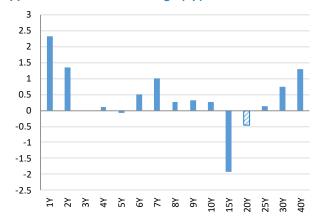
Source: Daiwa Securities.

# Appendix 4: JGB Total Return Curve (3M, %)



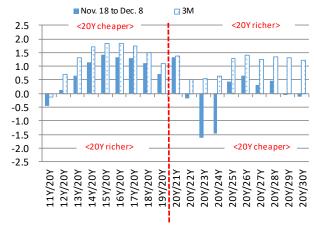
Note: Based on the Dec-8 JGB yield curve; factoring in roll-down effect etc. Source: Daiwa Securities.

Appendix 2: JGB Yield Change (bp): Nov. 18 vs. Dec. 8



Source: Daiwa Securities.

# Appendix 3b: Z-score II



Source: Daiwa Securities.

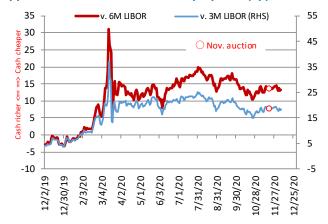
# Appendix 5: JGB 16-17Y/20Y/22Y Butterfly Spread (bp)



Note: Generic compound yield Source: Daiwa Securities

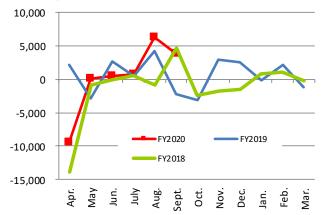


#### Appendix 6a: 20Y JGB Asset Swap Spread (bp)



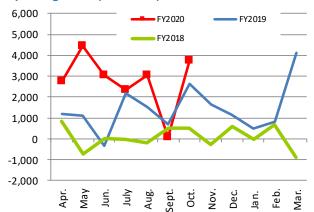
Source: Daiwa Securities.

# Appendix 7a: Trend of Major Banks' Net Purchase of Superlong JGBs (Yen 100M)



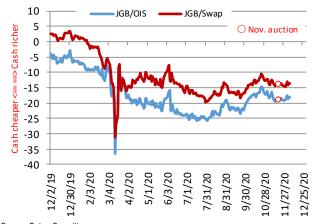
Source: JSDA

# Appendix 8a: Trend of Regional Banks' Net Purchase of Superlong JGBs (Yen 100M)



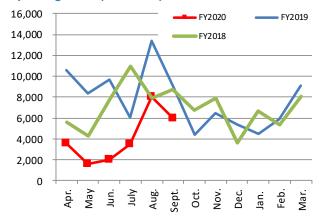
Source: JSDA

### Appendix 6b: 20Y JGB/Swap and JGB/OIS Spreads (bp)



Source: Daiwa Securities.

# Appendix 7b: Trend of Major Banks' Gross Purchase of Superlong JGBs (Yen 100M)



Source: JSDA

# Appendix 8b: Trend of Regional Banks' Gross Purchase of Superlong JGBs (Yen 100M)



Source: JSDA



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February 2020



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As of end-December 2017, Daiwa Securities Group Inc. owned shares in GMO Financial Holdings, Inc. equivalent to approximately 9.3% of the latter's outstanding shares. Given future developments in and benefits from the prospective business alliance, Daiwa Securities Group Inc. could boost its stake in GMO Financial Holdings, Inc. to up to 20% of outstanding shares.

- 2) Daiwa Real Estate Asset Management is a subsidiary of Daiwa Securities Group Inc. and serves as the asset management company for the following J-REITS: Daiwa Office Investment Corporation (8976), Nippon Healthcare Investment Corporation (3308), Japan Rental Housing Investments (8986).
- 3) Samty Residential Investment became a consolidated subsidiary of Daiwa Securities Group Inc. effective 10 September 2019.
- 4) On 30 May 2019, Daiwa Securities Group Inc. formalized an equity/business alliance with Samty, and as of 14 June 2019 it owned 16.95% of shares outstanding in Samty along with convertible bonds with a par value of Y10bn. Conversion of all of said convertible bonds into common shares would bring the stake of Daiwa Securities Group Inc. in Samty to 27.28%.
- 5) Daiwa Securities Group Inc. and Credit Saison Co., Ltd. entered into a capital and business alliance, effective 5 September 2019. In line with this alliance, Daiwa Securities Group Inc. is to acquire up to 5.01% of Credit Saison's total common shares outstanding (excl. treasury shares; as of 31 Jul 2019).

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- There may be a difference between bid price etc. and ask price etc. of OTC derivatives handled by our company.
- Before engaging in any trading, please thoroughly confirm accounting and tax treatments regarding your trading in financial instruments with such experts as certified public accountants.
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