## Details of JHF Business

## **Funding**

JHF's major funding sources are mortgage-backed securities ("MBS") and straight bonds with general mortgage ("SB").

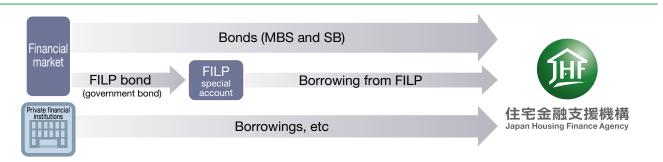
JHF procures funding required for operations such as the securitization support business mainly from the financial market by issuance of MBS and SB.

In addition, implementation of fundraising by syndicat-

ed loans etc. still continues.

JHF limits use of borrowings from Fiscal Investment and Loan Program (FILP) to loans for recovery from disasters requiring emergency measures.

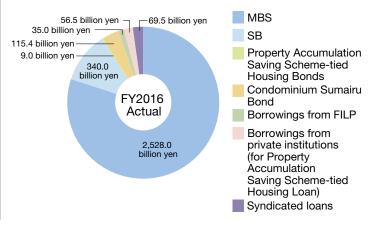
### Overview of funding



#### **Breakdown of funding**

The majority of funds are procured by issuance of MBS and SB.

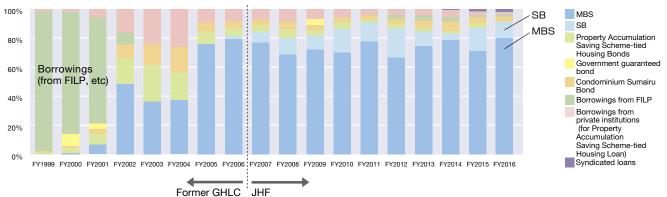
		Results of FY2016
Bonds	MBS	2,528.0 billion yen
	SB	340.0 billion yen
	Property Accumulation Savings Scheme-tied Housing Bonds	9.0 billion yen
	Condominium Sumairu Bond	115.4 billion yen
Borrowings	from FLIP	35.0 billion yen
	From private institutions (for Property Accumulation Saving Scheme-tiedHous- ing Loan)	56.5 billion yen
	Syndicated loans	69.5 billion yen
Total		3,153.4 billion yen



#### Trend of funding sources

JHF shifted its main business from direct loans of the former Government Housing Loan Corporation (GHLC) to Securitization Support Business aimed to support provision of mortgages with fixed interest rate throughout

the loan duration by private financial institutions. Due to this change, main funding sources also has shifted from borrowings from FILP to funding from the financial market by issuance of MBS and SB.



## Product features of MBS and SB

	MBS	SB	
Collateral	Housing loans *1	General mortgage *2	
Rating at time of issuance *3	S&P: AAA	S&P: A+	
rating at time of issuance	R&I: AAA	R&I: AA+	
Redemption methods	Monthly pass-through redemption *4	Bullet payment on maturity date	
BIS risk weight *5	10% (Standardized approach)		
Eligible collateral security under the requirements of the Bank of Japan	Eligible		
Amount paid (issuance price)	100 yen paid per 100 yen face value (issued at par)	In principle, 100 yen paid per 100 yen face value (issued at par)	

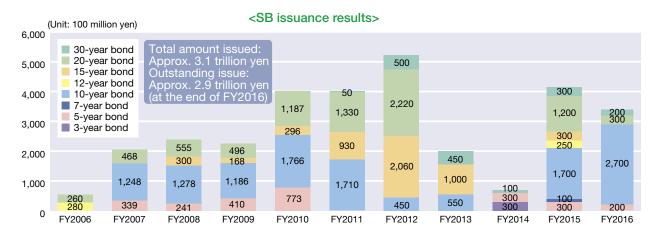
<sup>\*</sup>as of April 28, 2017

- \*1. MBS entrusts housing loans "Flat 35" purchased by JHF as collateral at each issuance.
- \*2. SB is a general mortgage bond in accordance with the provision of Article 19 Paragraph 4 of the Act on the Japan Housing Finance Agency, Independent Administrative Agency, and creditors (SB investors) have the right (lien) to receive repayment of their receivables in relation to JHF assets ahead of other creditors. This lien has the second highest order of priority, after a general lien, as defined by the provision of the Civil Code (Paragraph 5 of the Article above).
- \*3. S&P: S&P Global Ratings Japan Inc.
  - R&I: Rating and Investment Information, Inc.
     The rating of MBS given by S&P has an identifier
     (sf) that indicates structured finance.
- \*4. See the following page for the monthly passthrough payment method.
- \*5. The capital adequacy ratio under the BIS regulations is obtained by dividing the stockholders' equity by risk assets. Each asset has a loanable value in accordance with the degree of risk, which is referred to as "risk weight."

## Issuance results of MBS and SB

Monthly MBS and SB are issued to procure funds for "Flat 35" and JHF loans while S-series MBS is issued for the purpose of refinancing outstanding loans from the former GHLC business.





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## Key Features of MBS (Monthly MBS)

#### **Asset-based Zaito Agency Bond**

- Prior to a beneficiary certificate trigger event\*, JHF pays
  the principal and interest with its credit capability, and
  when a beneficiary certificate trigger event occurs, the
  MBS is no longer a Zaito Agency Bond but converted to a
  beneficiary certificate.
- The risk weight under the Basel Capital Accords is 10% by the standard credit risk method.
- \* Beneficiary certificate trigger events
- 1. The successor of JHF Monthly MBS obligation is not determined by the act, and the dissolution of JHF is enforced by the act and JHF is dissolved by this act.
- 2. An act is enacted to designate as the successor of JHF Monthly MBS obligation a joint stock corporation (kabusiki kaisha) or a legal entity to which application of the Corporate Reorganization Act or other similar bankruptcy proceedings is legally permitted, and JHF is dissolved by such act.
- 3. An act is enacted to designate as JHF Monthly MBS obligor a joint stock corporation or a legal entity to which application of the Corporate Reorganization Act or other similar bankruptcy proceedings is legally permitted, and JHF MBS obligor becomes such legal entity.
- 4. JHF fails to fulfill its payment obligation under JHF Monthly MBS or other bond issued or assumed by JHF on the day such obligation is due and such condition is not cured within 7 days.

#### Homogeneous and regionally diversified housing loan pool

- JHF purchases mortgages nationwide to create housing loan pool with highly effective regional diversification.
- JHF applies standardized criteria for purchasing mortgages from private financial institutions to create homogeneous housing loan pool.

# Nationwide mortgages Purchasing criteria 自己 Eligibility standards tandards tandards produced finance Agency Eligibility and including finance Eligib

#### JHF bears credit risk of defaulted loans.

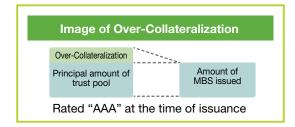
- JHF pays MBS principal and interest on delinquent loans to investors for up to three months as if the loans were current.
- JHF will terminate defaulted loans including loans delinquent for four months from the trust. Therefore, such loans will be treated as prepayments and JHF removes such defaulted loans from the trust asset and repays an amount equivalent to the outstanding principal amount of the defaulted loan multiplied by the outstanding principal amount of the MBS divided by the outstanding amount of entrusted housing loans<sup>1</sup> [Prepayment Method]<sup>2, 3</sup>.



- \*1. The outstanding amount of the entrusted housing loan on assumption that there is no delinquency of the entrusted housing loan
- \*2. As for S-series MBS and Monthly MBS issued by former GHLC, JHF maintains the soundness of the entrusted housing loan pool by replacing entrusted loans defaulted due to four-month delay and so on with equivalent housing loans. [Replacement method]
- \*3.The "cancellation method" and the "replacement method" are applicable only prior to a beneficiary trigger event.

#### JHF achieves AAA ratings by Over-Collateralization.

- JHF receives AAA rating (the highest) from S&P and R&I at the time of issuance by setting a sufficient level of Over-Collateralization\*.
- Minimizing the associated credit risk to the lowest level, investors are eligible to focus just on interest-rate risk and prepayment risk when deciding JHF MBS investment.



\* Over-Collateralization is the amount of the total entrusted housing loan amount exceeding the amount of MBS issued, which functions as credit enhancement after a beneficiary certificate trigger event.

## Monthly payment of MBS principal and interest according to the repayment of the entrusted housing loan pool (Monthly Pass-Through Payment Method)

- JHF pays MBS principal and interest to the investors according to the repayment amount of the entrusted housing loan pool that serves as the asset backing MBS.
- In general, repayment of the principal and interest of housing loans is made every month. Thus, the Monthly payment
- of MBS principal and interest is paid monthly as well.
- Since prepayment is possible in addition to scheduled payment with housing loans, monthly payment of MBS principal and interest changes depending on the situation of prepayment of housing loans.

