



# REPORT 2018 JFIM

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#### Note to Financial Statements

The translation of the Japanese yen amounts into U.S. dollars is included solely for the convenience of readers outside Japan, using the prevailing exchange rate as of 31 March 2018, the final day of the fiscal year, which was JPY 106.19 to USD 1. This translation should not be construed as a representation that all amounts shown could be converted into U.S. dollars at such rate.



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# Profile of JFM

Name Establishment Governing Law

Address President and CEO Capital Number of Employees

Outstanding Loans as of 31 March 2018 Outstanding Bonds and Bank Loans as of 31 March 2018 Credit Ratings as of 31 March 2018 Japan Finance Organization for Municipalities (JFM) 1 August 2008 (Reorganized on 1 June 2009) Japan Finance Organization for Municipalities Law (Law No. 64 of 2007, as amended) Shisei Kaikan, 1-3 Hibiya Koen, Chiyoda-ku, Tokyo Kinya Takino USD 156.3 million 88 (as of April 2018)

USD 223.8 billion

USD 192.5 billion

S&P: A+ Moody's : A1 R&I: AA+



# Management Philosophy

Japan Finance Organization for Municipalities (JFM), as a joint funding organization wholly contributed by all Japanese local governments, sets forth the following three policies as its management philosophy with the purpose of contributing to fiscal soundness of local governments through our financing activities

# Being Responsive to Local Government Financial Needs

As a reliable provider of long-term and low-interest funds for local governments, JFM closely supports local government funding based on their needs as well as the environment.

# Building Market Confidence toward JFM

JFM aims to build market confidence through proactive disclosure as required in capital markets, as well as its sound financial standing maintained through prudent risk management, thereby securing low-cost funding. Furthermore, JFM, as a leading public-sector bond issuer, is committed to contributing to the sound development of capital markets.

2

# Ensuring Responsible Corporate Governance as a Joint Organization of Local Governments

JFM ensures responsible corporate governance through prudent risk management, monitoring and recommendations by the Supervisory Committee, as well as audits by external accounting auditors.





Kinya Takino President and CEO 2018

Kinya Takino

# Japan Finance Organization for Municipalities

This year marks the 10th anniversary of the establishment of JFM. Our predecessor, Japan Finance Corporation for Municipal Enterprises, was established in 1957 with wholly capital contribution from the national government to provide loans mainly to municipal enterprises operating water supply, sewerage, and hospital business and so on. In 2008, under the reform of governmental financial institutions, JFM was established by capital contribution only from Japanese local governments. In addition to that, in 2009, its lending scope was expanded to overall general account-related loans to cope with fiscal instability caused by the global financial crisis.

Through these processes, our outstanding loan amounted to JPY 24 trillion (USD 223.8 billion equivalent) as of 31st March 2018 and , as a part of public funds, JFM funds contributed to local government funding with national government disbursements. And as for our funding side, JFM raises approximately JPY 2 trillion (USD 18.8 billion equivalent) every fiscal year mainly by issuing bonds in capital markets and JFM is regarded as one of major issuers in Japanese debt capital market.

On the other hand, as stipulated by the establishment law of JFM which defined that the role of JFM shall be reviewed by the end of 2017, the national government had been reviewing JFM's business through 2017. And the government drew up a report of the review and concluded that it's not necessary to change the role of JFM and JFM will continue to play an important role as a reliable provider of long-term and low-interestrate funds for local governments in Japan.

Japanese local governments have faced fast population decrease and aging society and have consulted on regional revitalization proposed by the Cabinet. JFM expects increasing funding demands by local governments as repair and renewal are required for various public infrastructure facilities built after the World War II. JFM also understands that its financial support for local governments will be more significant given uncertain domestic and international financial markets. JFM as a joint funding organization will continue to focus on meeting expectations from local governments by complying with regulations and internal control system and maintaining sound financial conditions with confidence from the markets.



# The Joint Funding Organization for All Japanese Local Governments

- High credit quasi-sovereign issuer, wholly owned by Japanese local governments with the capital contribution from 1,789<sup>11</sup> local governments<sup>12</sup> as of 31 March 2018
- Operates as a non-profit organization under the JFM Law with the objective to provide long-term and low-interest rate loans exclusively to Japanese local governments
- JFM has never experienced any default on its loans

# **Japanese Local Governments**

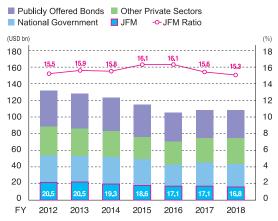
- Japanese local governments include 47 prefectures and a total of 1,741<sup>-1</sup> cities and special wards of Tokyo, government-designated cities, as well as towns and villages
- Revenue sources for the local governments are secured by the national government
  - The national government allocates a part of national tax revenue to the local governments, in order to adjust revenue disparities among the local governments (Local Allocation Tax system)
  - The national government also prepares the Local Government Borrowing Programme (LGBP) each fiscal year, which specifies the amount of local government borrowing as well as funding sources
  - In the case of each local government funding, a consent or an approval must, in principle, be obtained from the relevant authority
- The national government also establishes a legal framework to monitor fiscal indices for each local government and implement early correction measures if the local governments with the indices exceeding the early warning limits or reconstruction limits shall restore their financial soundness
- Thus, none of the local governments has defaulted
- BIS 0% risk weight for Japanese local governments\*3

# Lending

- JFM funds have accounted for around 15-16% of the LGBP
- JFM provides loans to almost all local governments
- Loans planned to be made in fiscal 2018 ending 31March 2019 are amounted to USD 15.6 bn
- Maximum term to maturity of JFM loans is 40 years

Note: Figures in USD are converted at USD 1 = JPY 106.19 as of 31 March 2018, unless otherwise noted

#### LGBP - Funding Sources for Local Governments



#### Annual Lending Volume



#### Outstanding Loans by Business

Total

USD 223.8bn

- Sewerage USD 71.6bn 32.0%
   Temporary Financial Countermeasures Funding
- USD 50.2bn 22.4% Water Supply USD 31.9bn 14.3%
- Local Road Development (Previous) USD 11.5bn 5.1%
- Transportation USD 10.2bn 4.6%
   Special Municipal Mergers USD 9.6bn 4.3%
- Hospitals USD 9.3bn 4.2%
   Disaster Management and Mitigation
- USD 7.0bn 3.1%
- Public Housing USD 2.8bn 1.2%
- Industrial Water Supply USD 1.8bn 0.8%
   Others USD 18.1bn 8.0%

#### **Outstanding Loans by Borrower**



- Prefectures USD 45.9bn 20.5%
- Government-designated Cities USD 37.1bn 16.6%
- Cities, Special Wards of Tokyo, Towns and Villages USD 134.6bn 60.1%
- Local Government Associations USD 5.9bn 2.6%

Local Government Corporations
USD 0.4bn 0.2%

# Funding

- Leading issuer in the Japanese bond market with an average annual funding volume of USD 18 – 20 bn
- Aiming to diversify its funding sources and expand its investor base – continues to access the international market through benchmark transactions as well as private placements, making use of its MTN Programme
- In the international market, only non-government guaranteed bonds will be issued
- In fiscal 2017, JFM issued a total of USD 2.1 bn worth of international bonds through the offering of two benchmark transactions, one private placement, and several Uridashi transactions

# **Support Structure**

Under the JFM Law, if JFM is to be dissolved and its obligations cannot be satisfied in full with its assets, local governments bear all costs necessary to satisfy the relevant obligations in full via payment to JFM

# Solid Risk Management

- JFM maintained USD 29.2 bn of reserves for interest rate volatility for the purpose of dealing with interest rate risk resulting from a duration gap between lending (8.30 years) and funding (7.15 years)
- The duration gap of 1.15 years\*1 in the general account qualifies JFM's management target of the duration gap below 2 years

# **Credit Ratings**

- A1 (Moody's), A+ (S&P)
- The ratings of JFM are the same as those of the Japanese sovereign
- BIS risk weight\*3: 10% for JFM bonds (nongovernment guaranteed) denominated in JPY

Note: A rating is not a recommendation to buy, sell or hold securities and may be subject to suspension, reduction or withdrawal at any time by the assigning rating agencies.

- \*1: As of 31 March 2018.
- \*2: Local governments comprise all of the prefectures, cities and special wards, governmentdesignated cities, towns and villages, as well as some local government of Tokyo.
   \*3: Value for investors in Japan. For non-JPY denominated bonds,
- the value is determined by respective authorities in each country

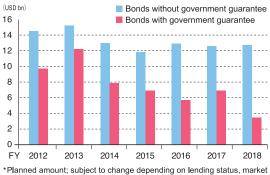
#### Funding Plan

Type of Funding Instruments	FY2018 (plan) <sup>(1)</sup>	FY2017 (achieved)
Non-Guaranteed Bonds	USD 13.7 bn	USD 12.5 bn
Domestic Public Offerings	→ USD 5.7 bn	USD 5.7 bn
Domestic Private Placements	USD 4.6 bn	USD 4.7 bn
Overseas Offerings - GMTN	→ USD 2.4 bn	USD 2.1 bn <sup>(2)</sup>
Benchmark		USD 2.0 bn
Uriadshi Bonds		USD 106 mm <sup>(2)</sup>
Private Placements		USD 17 mm
Open Issuance <sup>(3)</sup>	USD 1.0 bn	_
Guaranteed Bonds <sup>(4)</sup>	USD 3.8 bn	USD 7.2 bn
Long-Term Bank Loans	USD 0.5 bn	USD 0.1 bn

 Planned amount; subject to change depending on lending status, market conditions and other factors.

- (2) Includes USD and AUD denominated bonds, each converted at the exchange rate at the time of pricing.
- (3) Details of issuance such as tenor, issue size and issue market will be determined as necessary based on the lending status, market conditions and other factors.
- (4) Denominated in JPY only and issued in the domestic market for refinancing our predecessor's government guaranteed bonds.

#### **Bond Issuance**



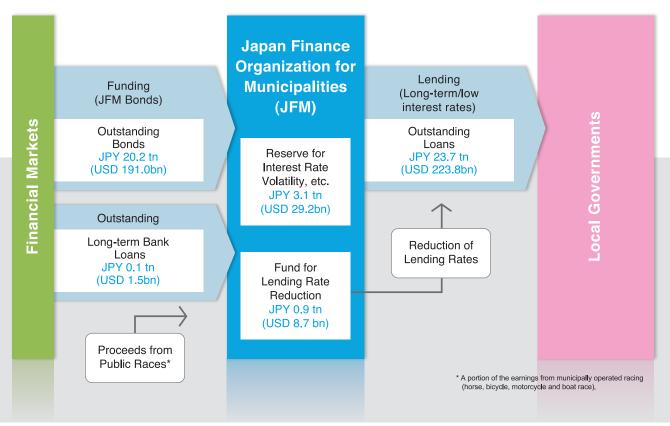
conditions and other factors.
Outstanding Non-JPY Public Bonds

#### (non-guaranteed)

Issue Date	Currency	Issue Amount	Coupon(%)	Tenor
24.Apr.18	USD	1,000 mm	3.250	5y
8.Sep.17	USD	1,000 mm	2.000	Зу
20.Apr.17	USD	1,000 mm	2.625	5y
12.Apr.17	USD	1,000 mm	2.625	5y
25.Oct.16	USD	1,000 mm	2.125	7y
13.Apr.16	USD	1,500 mm	2.125	5y
12.Feb.16	USD	500 mm	2.125	5y
21.Apr.15	EUR	1,000 mm	2.000	7y
13.Feb.15	USD	1,000 mm	2.375	10y
22.Sep.14	USD	1,000 mm	0.875	7у
6.Mar.14	USD	1,000 mm	2.125	5y
12.Sep.13	USD	1,500 mm	2.500	5y



# Outline of JFM Operations



(As of 31 March 2018)

# Public Institution Wholly Owned by Japanese Local Governments

JFM is a joint funding organization for all local governments, wholly owned by Japanese local governments under the Japan Finance Organization for Municipalities Law (Law No. 64 of 2007, as amended; the "JFM Law"). JFM loans are provided exclusively to local governments, and local governments must, in principle, receive consents or approvals of the Minister for Internal Affairs and Communications or their respective

prefectural governors when they borrow from JFM. Within this structure, JFM has never had a default since its establishment.

# Joint Funding Organization for All Local Governments

JFM contributes to the sound financial operation of local governments and improves the welfare of local residents with the aim of efficiently and effectively complementing local government fund-raising by providing long-term funding at low-interest rates to local governments.

For social infrastructure improvements to be implemented by local governments, long-term funding is usually desirable given that it takes a long time to recoup such capital expenditures, and also the cost burden should be shared across generations. However, local governments generally raise funds in capital markets for terms of 10 years or less.

In response to this situation, JFM issues bonds in capital markets with a wide variety of maturities ranging from medium-term to super long-term to provide stable and low-interest funds to local governments.

Under the JFM Law (Article 52, Paragraph 1), local governments have an obligation to bear the cost necessary to satisfy all JFM obligations in the event JFM is to be dissolved and its obligations remain unpaid.

#### **Solid Financial Foundation**

JFM primarily issues 10-year bonds to raise funds and extends long-term loans to local governments, which creates a duration gap between lending and funding. To cope with the interest rate risk associated with bond refinancing (a potential negative margin caused by the interest payable exceeding the interest receivable), JFM maintains reserves for interest rate volatility.

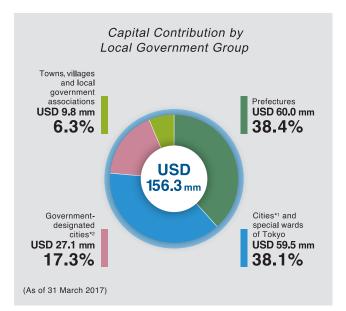
# **Reduction of Lending Rates by Utilizing the Fund for Lending Rate Reduction**

JFM receives a portion of the earnings from various racing events (horse, bicycle, motorcycle and boat races) operated by local governments, which is directed to the Fund for Lending Rate Reduction. The investment gains from the fund are used for lowering interest rates on JFM loans.

# Capital

As of 31 March 2018, JFM's capital was USD 156.3 million contributed by 1,789 Japanese local governments, i.e., all of the prefectures, cities, special wards of Tokyo, government-designated cities, towns and villages, as well as some local government associations.

The amount of capital contribution from each local government is decided based on 1) outstanding JFM loans to each local government, and 2) the amount of revenue of each local government (mainly comprised of local taxes, local allocation taxes and temporary financial countermeasures funding).



#### Notes:

1.Excludes government-designated cities.

2.Government-designated cities

Cities with populations of 500,000 or more designated in accordance with Paragraph 1, Article 252-19 of the Local Autonomy Act. Such government-designated cities are allowed to administer certain matters such as social welfare, food safety, urban planning and so on, for which prefectures are responsible in principle.

# **Review and Plan**

# Review of Operations for Fiscal 2017

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# Management Plan for Fiscal 2018



Himeji Castle, Hyogo Prefecture



# **Review of Operations for Fiscal 2017**

# 1 Lending Operations

In fiscal 2017, JFM provided loans totaling USD 16.3 billion, which was below the initial plan by USD 75 million, mainly as a result of actual lending underperforming plan in water supply business.

General account-related loans totaled USD 4.7 billion, or 29% of the total lending volume, mainly represented by disaster management and mitigation and special municipal mergers. Municipal enterprise-related loans were USD 6.3 billion (39%), of which sewerage and water supply businesses were the main contributors, followed by loans for temporary financial countermeasures funding\* in the amount of USD 5.3 billion (33%).

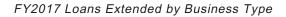
Note: Represents local government funding to cover shortfalls in local government revenue sources pursuant to the provisions of the Local Government Finance Law (Law No. 109 of 1948, as amended).

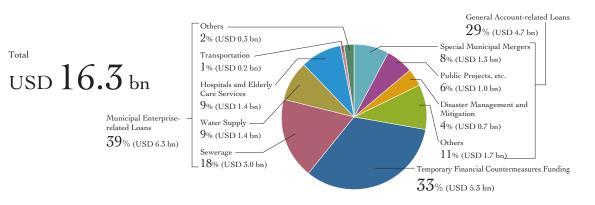
Dusingge	Number of	Loan Amount (	n Amount (USD in millions) % of total	
Business	Loans Made			
General Account-related Loans				
Public Projects, etc.	729	709	4.3	
Public Housing	197	201	1.2	
National Disaster Prevention	81	76	0.5	
Educational Facilities Development	282	175	1.1	
Social Welfare Facilities Development	228	170	1.0	
General Waste Dispoal	118	133	0.8	
General Service Facilities Development	2	8	0.0	
General Projects	120	102	0.6	
Regional Revitalization	259	106	0.7	
Disaster Prevention	294	162	1.0	
Local Road Development	448	415	2.5	
Special Municipal Mergers	525	961	5.9	
Disaster Management and Mitigation	1,487	1,278	7.8	
Optimization of the Public Facilities	61	157	1.0	
Proper Management of Public Facilities and Infrastructures	9	9	0.1	
Subtotal	4,840	4,662	28.6	
Municipal Enterprise-related Loans				
Water Supply	1,148	1,433	8.8	
Industrial Water Supply	97	106	0.7	
Transportation	38	208	1.3	
Electricity and Gas Supply	43	48	0.3	
Port Facilities	30	29	0.2	
Hospitals and Elderly Care Services	478	1,412	8.7	
Markets and Slaughterhouses	54	93	0.6	
Sewerage	2,043	3,002	18.4	
Tourism and Others	16	8	0.0	
Subtotal	3,947	6,341	38.9	
Refinancing Loans for Facilities Affected by Earthquake	8	0	0.0	
Temporary Financial Countermeasures Funding	641	5,307	32.5	
Total	9.436	16.310	100.0	

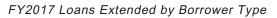
#### Lending Operations by Business in Fiscal 2017

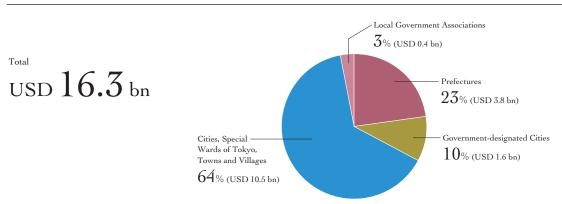
Note: Totals may not add up due to rounding.

Review and Plan









Note: Totals may not add up due to rounding.

# **Review of Operations for Fiscal 2017**



#### 1. Overview<sup>\*1</sup>

In fiscal 2017, JFM raised a total of USD 19.8 billion including USD 12.5 billion in JFM bonds (nongovernment guaranteed), and USD 7.2 billion in government-guaranteed bonds for the repayment of existing bonds issued by Japan Finance Corporation for Municipal Enterprises (the "Predecessor"). And, with the aim of diversifying funding source, JFM raised USD 0.1 billion through long-term bank loans. With regard to JFM bonds, a total of USD 7.8 billion was raised by the regular issuance of 5-year, 10year, 20-year and 30-year domestic bonds, as well as opportunistic issuances through JFM's Flexible Issuance Programme ("FLIP") and the MTN Programme.

As for domestic public offerings, a total of USD 5.7 billion was issued in the fiscal year. In order to cope with highly volatile market condition through the period, JFM increased 5-year and 10-year of the regular issuance and FLIP from the initial plan by utilizing the budget of Open Issuance scheme.

In overseas offerings, JFM issued USD denominated benchmark bonds in 5-year tenor (USD 1.0 billion) in April 2017, followed by the second issuance of 3-year bonds (USD 1 billion) in September 2017. In addition to these successful public offerings, JFM issued a total of USD 123 million equivalent Uridashi and private placement bonds in four tranches. Through these activities, the total volume of international bonds issued for fiscal 2017 amounted to USD 2.1 billion<sup>\*2</sup>.

The private placements with the pension funds for local government officials were totaled USD 4.7 billion which consisted of 10-year and 20-year bonds.

As a result, JFM's outstanding bonds were USD 193.8 billion, including the Predecessor's bonds to which JFM succeeded. Outstanding long-term bank loans totaled USD 1.5 billion as of 31 March 2018.

#### Notes: 1. Issued amounts are calculated based on issue prices.

2. Includes an offering of AUD and NZD denominated bonds, converted at the exchange rate at the time of pricing.

#### Flexible Issuance Programme ("FLIP")

FLIP is JFM's unique framework for domestic bond issuance which is similar to the MTN programme in some ways. JFM issues domestic bonds under the FLIP, in order to meet both the needs of investors in the domestic market and the borrowing needs of local governments in a timely and flexible manner. FLIP permits minimum and maximum issue sizes of JPY 3 billion (USD 28.3 million) and JPY 20 billion (USD 188.3 million), respectively.

#### Funding in Fiscal 2017

#### 1. JFM Bonds (Non-government Guaranteed)

#### (1) Domestic and Overseas Offerings

Type of Bonds		Plan (Initial)	Achieved
Domes	tic Public Offerings	USD 5.2 bn	USD 5.7 bn
	10-year	USD 2.0 bn	USD 2.0 bn
	20-year	USD 0.9 bn	USD 0.9 bn
	5-year	USD 0.2 bn	USD 0.3 bn
	30-year	USD 0.2 bn	USD 0.2 bn
	Opportunistic Issuance	USD 1.9 bn	USD 2.3 bn
Overse	eas Offerings - MTN	USD 1.9 bn	USD 2.1 bn
Open I	ssuance <sup>*1</sup>	USD 0.8 bn	-
	Total	USD 7.9 bn	USD 7.8 bn

#### (2) Private Placements with Pension Funds for Local Government Officials

Type of Bonds	Plan	Achieved
10-year	USD 2.2 bn	USD 2.2 bn
20-year	USD 2.5 bn	USD 2.5 bn
Total	USD 4.7 bn	USD 4.7 bn

Notes: 1. Details of issuance such as tenor, issue size and issue market will be determined as necessary based on the lending status, market conditions and other factors.

Review and Plan

#### 2. Government-guaranteed Domestic Bonds

Type of Bonds	Plan	Achieved
10-year	USD 5.7 bn	USD 5.7 bn
4-year	USD 1.5 bn	USD 1.5 bn
Total	USD 7.2 bn	USD 7.2 bn

#### 3. Long-term Bank Loans

Type of Bonds	Plan	Achieved
Long-term Bank Loans	USD 0.1 bn	USD 0.1 bn

#### 2. Issue Spreads

In the domestic market, JFM bonds had been priced under the low interest rate environment on the back of the introduction of BOJ's QQE with yield curve control during fiscal 2017.

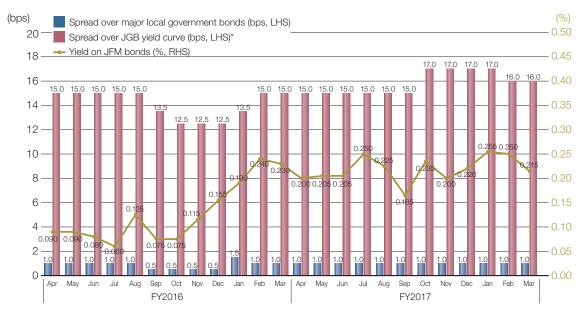
In October 2017, the premium of JFM 10-year domestic bonds over respective JGB yield curve recorded at 17.0 bps, which was the widest level since our establishment or October 2008, due to the weak investors' demands deteriorated by JGB yields lowering, while the premium over major municipal bonds was remained at 1.0 bps. The premium over JGB yield curve had tightened in February in parallel with tightening of municipal bonds and recorded at 16.0 bps. The yield of JFM 10-year bonds had been hovering around 0.20% during fiscal 2017.

5-year bonds, as substitutes for JGB, had captured solid investor demands while 20-year and 30-year bonds had been supported by strong demands looking for relatively higher yields under low JGB yield market throughout the year.

JFM's international bonds have been issued based on investor demands and market conditions by referring to credit spreads observed in the international primary and secondary markets at the time of pricing.

Note: See pages 106-109 for the terms of issuances in fiscal 2017.

#### Issue Conditions of JFM 10-Year Domestic Bonds



Note: Spreads over the JGB curve are theoretical values calculated by JFM.

# **Review of Operations for Fiscal 2017**



#### 1. Income Statement

In fiscal 2017, JFM's income was USD 3.3 billion, a decrease of USD 0.3 billion from the previous year. This decrease was mainly due to a decrease in interest income caused by a decrease in the average interest rate on loans as a result of redemptions of loans made in the past with relatively high interest rates. The decrease in interest income was partially offset by a decrease in interest expenses caused by a decrease in the average interest rate on bonds as a result of the maturity of bonds issued in the past with relatively high interest with relatively high interest rates.

Pursuant to the relevant laws, a portion of the revenue generated by the refinancing of bonds and borrowed money of JFM\* is to be directed into the reserves for interest rate volatility. As a result of such provisions as well as other factors, net income remains similar level to the previous year at USD 245.9 million.

\*This revenue is calculated based on the difference between JFM's funding rates at the time the loans were made and the current refinancing rates.

#### 2. Balance Sheet

As of 31 March 2018, JFM's total assets amounted to USD 233.1 billion, down USD 0.3 billion from the previous year. This mainly resulted from a decrease in cash and bank deposits by USD 1.1 billion.

Total liabilities were down USD 0.5 billion to USD 230.6 billion. This decrease primarily reflected an decrease of USD 4.6 billion in management account reserve for interest rate volatility.

Total net assets were USD 2.5 billion, up USD 0.2 billion. This mainly reflected net income of USD 0.2 billion in the general account being recorded as the general account surplus reserve.

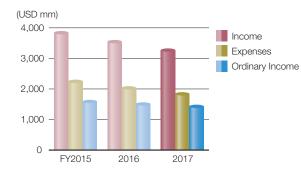
Financial highlights since fiscal 2015 are on the next page.

Review and Plan

#### **Financial Highlights**

#### 1. Income Statement

	FY2015	FY2016	FY2017	
	FIZUIS	FIZUIO	FYZUI7	YoY
Income	3,842	3,546	3,272	-273
Expenses	2,251	2,037	1,841	-196
Ordinary Income	1,591	1,509	1,431	-78
Net Income	284	263	246	-17



#### 2. Balance Sheet

Balance Sheet				(USD Million
	End of FY2015	End of FY2016	End of FY2017	YoY
Total Assets	232,069	233,414	233,128	-287
Loans	222,851	223,373	223,827	454
Others	9,218	10,041	9,300	-741
Total Liabilities	230,033	231,144	230,609	-535
Bonds	186,455	187,923	191,021	3,098
Cash collateral received for financial instruments	1,220	1,047	115	-931
Fund for lending rate reduction	8,666	8,666	8,666	-
Reserves under special laws	32,459	31,822	29,240	-2,582
Reserve for interest rate volatility	16,574	18,646	20,718	2,072
Management account reserve for interest rate volatility	15,430	12,790	8,197	-4,592
Reserve for interest rate reduction	455	386	325	-61
Others	1,233	1,686	1,566	-119
Total Net assets	2,036	2,270	2,518	248



Note: Totals may not add up due to rounding.

**Review and Plan** 

(USD Millions)

# **Management Plan for Fiscal 2018**

# 1 Lending Operations

JFM's lending plan is formulated based on the amount of local government borrowing for which the consent or approval is scheduled to be given by the Minister for Internal Affairs and Communications or the respective prefectural governors, under the Local Government Borrowing Programme (the "LGBP"). Based on the LGBP, JFM plans to extend loans in the amount of USD 16.8 billion in fiscal 2018, USD 0.3

billion or 1.8% decrease from fiscal 2017.

#### Lending Plan

	FY2018	FY2017	YoY
Planned Amount	USD 15.6 bn	USD 16.4 bn	-4.6%

#### JFM Funds in Local Government Borrowing Programme

		FY2018	FY2017	YoY
JFM	Funds	USD 16.8 bn	USD 17.1 bn	-1.8%
	General Account-related Loans	USD 4.7 bn	USD 4.7 bn	-0.7%
	Municipal Enterprise-related Loans	USD 6.9 bn	USD 6.9 bn	0.0%
	Temporary Financial Countermeasures Funding	USD 5.1 bn	USD 5.4 bn	-4.9%

Notes: 1. The amount of JFM funds in the LGBP does not match JFM's lending plan due to the timing for consent or approval being different from when JFM loans will actually be extended.

2. See page 56 for more information on JFM funds in the LGBP.

# 2 Funding Operations

In order to raise funds for lending operations, JFM primarily issues non-government guaranteed bonds through domestic public offerings and overseas offerings. For fiscal 2018, JFM plans to issue USD 9.0 billion of JFM bonds through these methods.

In addition, private placements with pension funds for local government officials are projected to amount to USD 4.6 billion in fiscal 2018. In addition to issuing JFM bonds, JFM plans to raise USD 0.5 bn through long-term bank loans.

As for government-guaranteed bonds, JFM plans to issue USD 3.8 billion during fiscal 2018.

Review and Plan

# Financial Section

#### Funding Plan for FY2018

#### 1. JFM Bonds (Non-government Guaranteed)

#### (1) Domestic and Overseas Offerings

	Type of Bonds	FY2018 (Plan)	FY2017 (Achieved)
Domestic	Public Offerings	USD 5.7 bn	USD 5.7 bn
	10-year	USD 2.1 bn	USD 2.0 bn
	20-year	USD 0.9 bn	USD 0.9 bn
	5-year	USD 0.2 bn	USD 0.3 bn
	30-year	USD 0.2 bn	USD 0.2 bn
	Opportunistic Issuance	USD 2.2 bn	USD 2.3 bn
Overseas	GOfferings - MTN	USD 2.4 bn	USD 2.1 bn
Open Iss	uance	USD 1.0 bn	-
Total		USD 9.0 bn	USD 7.8 bn

Notes: 1. Subject to change depending on lending status, market conditions and other factors.

2. For Open Issuance, details of issuance such as tenor, issue size and issue market will be determined as necessary based on the lending status, market conditions and other factors.

#### (2) Private Placements with Pension Funds for Local Government Officials

Type of Bonds	FY2018 (Plan)	FY2017 (Achieved)
10-year	USD 2.1 bn	USD 2.2 bn
20-year	USD 2.5 bn	USD 2.5 bn
Total	USD 4.6 bn	USD 4.7 bn

#### 2. Government-guaranteed Domestic Bonds

Type of Bonds	FY2018 (Plan)	FY2017 (Achieved)
10-year	USD 2.5 bn	USD 5.7 bn
6-year	USD 1.3 bn	-
4-year	-	USD 1.5 bn
Total	USD 3.8 bn	USD 7.2 bn

#### 3. Long-term Bank Loans

Type of Loans	FY2018 (Plan)	FY2017 (Achieved)
Long-term Bank Loans	USD 0.5 bn	USD 0.1 bn

# **3** Scheduled Payment to the National Treasury

In accordance with the Article 19 of the Supplementary Provisions of the Law, a portion of JFM's management account reserve for interest rate volatility is being attributed to the Japanese national government over a period of three years from fiscal 2017 through fiscal 2019, with the aim of transferring up to USD 8.5 billion over this period. In fiscal 2017, USD 3.8 billion was transferred to the national treasury by JFM and, in fiscal 2018, USD 3.8 billion is scheduled to be transferred to the national treasury to secure financial resources of the local allocation tax.

Furthermore, it has been also determined that an additional amount of up to USD 14.1 million from fiscal 2018 through fiscal 2023 shall be attributed to the government.

# Operations

# Lending Operations

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# **Funding Operations**

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4. Trends in Funding Operations .... 35





# **Lending Operations**

JFM's primary objective is to contribute to the sound operation of the local government financing and to improve the welfare of local residents by providing long-term funding at low interest rates to local governments.



As public funds included in the LGBP, JFM loans are offered to local governments which have the consent or approval of the Minister for Internal Affairs and Communications or the respective prefectural governors.

#### 1. Eligible Borrowers

JFM provides loans exclusively to local governments.

# 2. Types of Loans

JFM classifies general loans into the following three categories depending on the term.

- Long-Term Loans Loans provided to local governments that have the consent or approval, and mature in or after the second fiscal year.
- Pre-Consent or Pre-Approval Loans Bridge loans to cover the period up to the disbursement of Long-Term Loans for projects for which the consent or approval is assured.
- Short-Term Loans Loans to be repaid with revenues in the same fiscal year.

# 3. Lending Scopes and Maturities of Loans

JFM lends mainly to the following local government businesses with respective loan maturities.

			Loans for Fiscal 2018			
			Fixed Lending Rate		Adjustable Lending Rate <sup>*1</sup>	
Business Type			Maturity	Grace Period for Principal Repayment	Maturity	Grace Period for Principal Repayment
	Public Projects, etc. <sup>12</sup>		Within (Years) 20	Within (Years) 5	Within (Years) 20	Within (Years) 5
General Account-related Loans	Public Housing		25	5	25	5
	Educational and Social Welfare	Educational Facilities Development*2	25	3	25	3
		Social Welfare Facilities Development	20	3	20	3
ted	Facilities Projects	General Waste Disposal	15	3	15	3
relat		General Projects*2	30	5	30	5
ount		Regional Revitalization	30	5	30	5
Acc		Disaster Prevention	30	5	30	5
eral,	Unsubsidized Projects	Local Road Development	20	5	20	5
Gene		Special Municipal Mergers	30	5	30	5
		Disaster Management and Mitigation	30	5	30	5
		Public Facilities Optimization	30	5	30	5
		Anti-depopulation Measure Project	30	5	40	5
		Water Supply	30	5	40	5
		Industrial Water Supply	30	5	40	5
		Transportation*2	30	5	40	5
		Electricity Supply*2	30	5	30	5
Mun	icipal	Gas Supply	25	5	25	5
Ente	rprise-related Loans	Port Facilities <sup>*2</sup>	30	5	40	5
		Hospitals*2	30	5	30	5
		Markets	30	5	40	5
		Slaughterhouses	30	5	30	5
		Sewerage	30	5	40	5
Tem	Temporary Financial Prefectures and Government- Designated Cities		_	_	30	3
Cou	ntermeasures Funding	Cities, Towns and Villages	-	-	20	3

Notes: 1. Adjustable lending rates are reviewed depending on the maturity of the loan every 5 years, every 10 years or every 15 years or 20th, or 30th anniversary of the initial disbursement. Lending rates for Temporary Financial Countermeasures Fundings are reviewed every 5 years or 10 years. 2. Figures represent maximum maturities and grace period for principal payment.

# **Lending Operations**

#### Loan Interest Rates

JFM sets standard lending rates, which are determined to balance its funding cost, and also offers special lending rates at a discount to the standard rates by making use of its Fund for Lending Rate Reduction.

#### 1. Loan Interest Rates

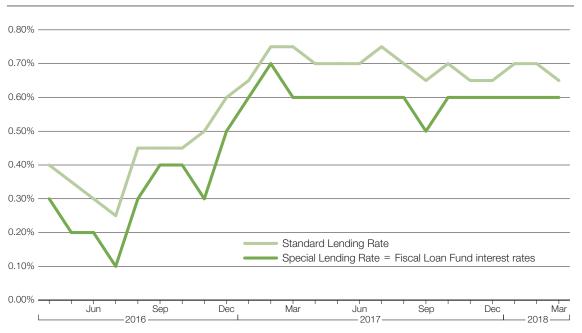
2

JFM offers two types of loan interest rates: the standard lending rate and the special lending rate.

The standard lending rate is calculated in order to balance JFM's funding cost with interest income from its lending. Specifically, this rate is determined in a manner that the discounted present value of the cash flows of the funds raised to make the loans equals the discounted present value of the cash flows to be generated by those loans with their respective terms to maturity, grace period for principal repayment and repayment methods.

The special lending rate is set at 0.35% per annum below the standard rate. At the end of fiscal 2017, approximately 99% of outstanding JFM loans consisted of special interest rate loans.

The trends of JFM loan interest rates since April 2016 are shown below. The special lending rate has been at the same level as the national government's lending rates that are applicable to loans for specific public projects (the Fiscal Loan Fund). This is due to the floor rates of the special lending rates being set equal to respective lending rates of the Fiscal Loan Fund which have identical terms on redemptions to those of JFM loans.

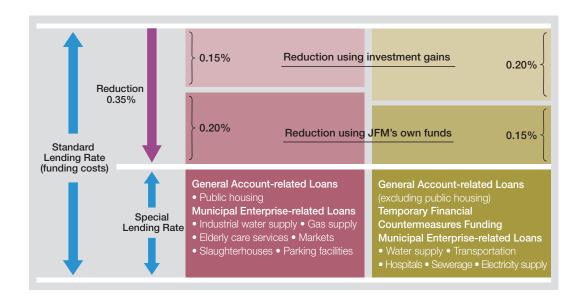


#### Trends of Lending Rates

Note: The lending rates above represent a 30-year fixed rate loan with a 5-year grace period for semi-annually equal total payment.

# 2. Lending Rate Reduction

The interest rate differentials between the special lending rates and the standard lending rates are covered by investment gains in the Fund for Lending Rate Reduction. The fund is comprised of payments by local governments of a portion of the proceed they earn from municipally operated racing in accordance with the Local Government Finance Law, and also JFM's own funds.



Notes: 1. The minimum interest rates for JFM loans are set at the same level as the interest rates of the Fiscal Loan Fund provided by the national government.

 The discount rates using the investment gains (0.15% or 0.20%) applicable to each business category are determined by the Minister for Internal Affairs and Communications, pursuant to the Ministerial Ordinance on Finance and Accounting of the Japan Finance Organization for Municipalities (Ordinance No. 87 of the Ministry of Internal Affairs and Communications, 2008).

### Lending Operations



JFM conducts the following credit check process for all loans on the assumption that the details and legality of each project as well as assurance of loan repayment have been confirmed during the consultation and checking process to obtain the consent or approval for loans.

- JFM checks the financial and operational status of local governments and municipal enterprises to which it plans to lend, in light of the fiscal indicators as stipulated in the Law Relating to the Financial Soundness of Local Governments of Japan (Law No. 94 of 2007). This credit check process may include an interview of the staff of prefectures, cities, towns, and villages.
- 2) JFM reviews loan applications submitted by local governments to determine if conditions are met. The conditions include the consent or approval, any required resolution by the local government assembly and budget appropriation for loans.
- 3) After a loan is disbursed, JFM conducts an onsite review to verify the use of funds and to check the operational status of the project and the financial and operational status of the borrower.
- Check of local governments/municipal enterprises applying for loans
   Check financial and operational status
   Conduct interviews

 2 Verification at the time of lending Check of the loan application documents
 •Verify the consent or approv for the loan amount
 •Check the loan application documents

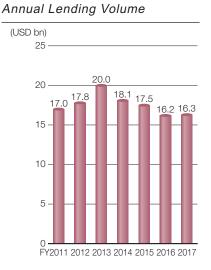
Disbursement of loans 3 Subsequent review Onsite credit review
•Check the status of loans and projects
•Check financial and operational status

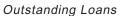
# Trends in Lending Operations

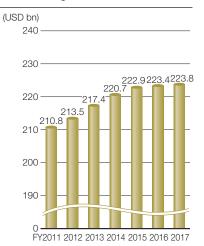
#### 1. Overview

4

In fiscal 2017, the lending volume amounted to USD 16.3 billion. At year-end, outstanding loans were USD 223.8 billion.





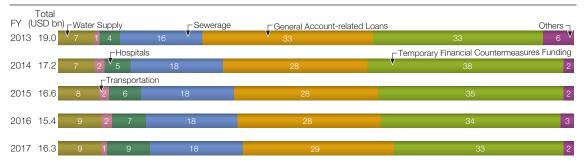


Operations

#### 2. Annual Lending Volume by Business and Borrower

In fiscal 2017, loans for temporary financial countermeasures funding were USD 5.3 billion, accounting for the largest share of lending, at 33% of the total. Ranked next were USD 3.0 billion in the sewerage business, representing 18% of the total, and USD 1.4 billion in the water supply, for 9% of the total.

At year-end, the number of local governments with loans from JFM totaled USD 16.3 billion. Cities, Special Wards of Tokyo, Towns and Villages represented the highest share at 64% of the total, followed by prefectures at 23% and government-designated cities at 10%.

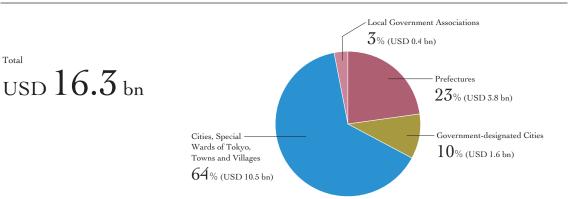


#### Long-Term Loans Extended by Business

Notes: 1. Pre-consent or pre-approval loans are accounted for in the year when they are converted into long-term loans. 2. "Others" includes refinancing loans for municipal enterprise-related projects, and refinancing loans for facilities and

specified local governments affected by earthquake.

3. Totals may not add up due to rounding.



#### FY2017 Loans Extended by Borrower

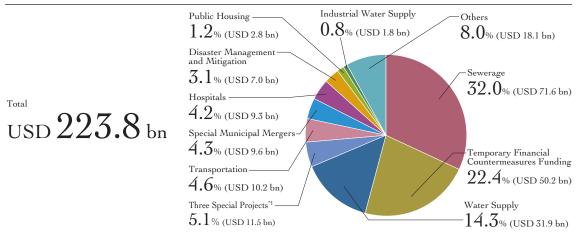
Note: Totals may not add up due to rounding.

### 3. Outstanding Loans by Business and Borrower

At the end of fiscal 2017, the outstanding loans were USD 223.8 billion, of which the sewerage business accounted for the largest share at 32%, followed by temporary financial countermeasures funding at 22% and water supply at 14%.

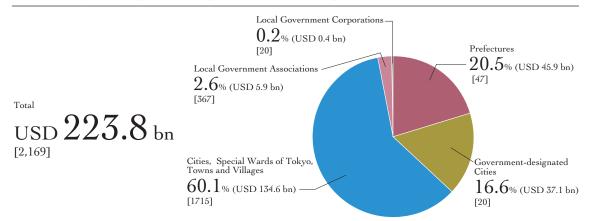
There was a total of 2,169 local governments, local government associations and corporations with outstanding JFM loans, including all prefectures. cities, special wards of Tokyo, towns and villages accounted for the largest portion at 60% of the total, followed by prefectures at 21% and government-designated cities at 17%. Local government associations and corporations represented the remaining 3%.

#### Outstanding Loans by Business (as of 31 March 2018)



\*1 Development projects for local roads, rivers and other waterways, and high school building.

#### Outstanding Loans by Borrower (as of 31 March 2018)



\*Figures in square brackets represent the number of borrowers.

Note: Totals may not add up due to rounding.

# 5 Lending Operations by Business

JFM provides loans to local government businesses specified in the LGBP that the national government formulates each fiscal year.

The major JFM-funded businesses are as follows.

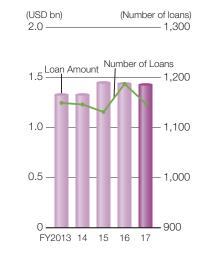
#### Water Supply Business

At the end of fiscal 2016, the water supply coverage was 97.9% of the population. The water supply business (including small-scale water supply) operated by local governments totaled 2,041 projects and provided about 18.1 billion cubic meters of water annually for approximately 124.4 million people.

In fiscal 2017, loans extended to the water supply business amounted to USD 1.4 billion.



Shiramizu Raw Water Reservoir (Ishigaki City, Okinawa Prefecture)



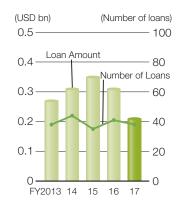
#### **Transportation Business**

At the end of fiscal 2016, the transportation projects managed by local governments totaled 86 projects and public transportation is used by approximately 4.3 billion people annually (11.82 million people on an average daily basis).

In fiscal 2017, loans extended to the transportation business amounted to USD 0.2 billion.



Sendai City Subway Tozai Line (Sendai City, Miyagi Prefecture)



#### **Hospitals Business**

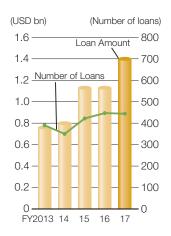
Operations

At the end of fiscal 2016, hospital projects managed by local governments totaled 635 with 792 hospitals, which included 760 general hospitals and 32 mental hospitals.

In fiscal 2017, loans extended to the hospitals business (including those run by local independent administrative institutions) totaled USD 1.4 billion.



Uwajima City Hospital (Ehime Prefecture)



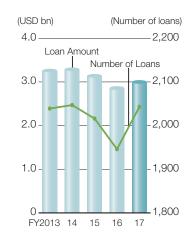
#### Sewerage Business

At the end of fiscal 2016, the sewerage system covered 90.4% of the nation's total population. There were 3,639 projects involved, with a total annual sewerage processing capacity (combined storm water and sewerage treatment, excluding river basin sewerage) of around 15.0 billion cubic meters serving areas with a population of nearly 104 million people.

In fiscal 2017, loans extended to the sewerage business totaled USD 3.0 billion.



Sewage Sludge Gasification System in Kiyose Water Reclamation Center (Tokyo)

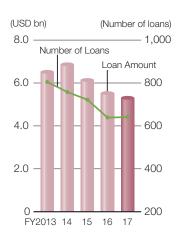


#### Temporary Financial Countermeasures Funding

Temporary financial countermeasures funding represents the funding for local governments in order to cover general resource shortfalls pursuant to the provisions of the Local Government Finance Law No. 109 of 1957.

In order to secure the payments of the principal and interest of funds borrowed by local governments under temporary financial countermeasures funding, the national government includes the entire amount of such payments in the total amount of local allocation tax grants, which are to be allocated to local governments in subsequent years.

In fiscal 2017, loans extended for temporary financial countermeasures funding amounted to USD 5.3 billion.



# **Funding Operations**

As a joint funding organization for local governments, JFM raises funds in a consistent manner to provide local governments with long-term and low-interest funds, while endeavoring to focus on market fluctuations.



JFM primarily issues non-government guaranteed bonds (i.e., JFM bonds) through public offerings in order to raise funds for its lending operations. Private placements with the pension funds for local government officials are also taken as a means of fund-raising.

JFM issues government-guaranteed bonds only for refinancing the existing government-guaranteed bonds of the Predecessor in order to manage the Predecessor's assets to which JFM has succeeded.

In addition to issuing bonds, JFM raises money from long-term bank loans as a supplemental source for overall funding operations.



Government-Guaranteed Bonds	To be issued only in the domestic market denominated in Japanese Yen for		
	the purpose of refinancing outstanding government guaranteed bonds issued by the Predecessor.		

Long-term Bank Loans JFM utilises long-term bank loans as a complementary means of fundraising	ıg.
--	-----

# Basic Funding Policy

To secure stable funding at fair value, JFM pursues diversified funding options and strives to build confidence in capital markets by proactively disclosing information and thoroughly fulfilling responsibilities. JFM also endeavors to seek more flexible funding operations than ever in response to volatile market conditions and shift in investor demands on the back of the change of monetary policy of major central banks.

#### 1. Diversification of Funding Methods

From the viewpoint of stable funding, JFM endeavors to issue bonds with various maturities and structures, including medium-term and super-long-term bonds in response to the market environment and market needs, in order to broaden its investor base, while also considering funding costs and risk management.

JFM's basic means of funding is the issuance of bonds. JFM accesses the domestic market through the regular issuance of 5-year, 10-year, 20-year and 30-year bonds, and also continues to take advantage of its Flexible Issuance Programme (FLIP) for opportunistic funding as well as long-term bank loans. JFM also utilizes the MTN Programme, being committed to the regular issuance of benchmark bonds to the international investors and Uridashi bonds to Japanese retail investors. In addition to that, JFM is going to issue private placement bonds in a flexible manner.

#### 2. Proactive Disclosure and Investor Relations

JFM proactively discloses information on its operations, financial conditions and risk management status in order to support investment decisions by investors. In this context, JFM announces its annual funding plan prior to the start of the new fiscal year and its second half-year funding plan in August.

In addition, JFM performs investor relations activities, including presentation meetings and/or oneon-one meetings with investors in both domestic and international markets. JFM thereby helps investors correctly understand JFM's management and bonds as well as strengthens market confidence toward JFM.

#### 3. Contribution to the Sound Development of Capital Markets

While capturing funding opportunities in response to the needs of capital markets, JFM will further strengthen its role as a leading public-sector bond issuer and be committed to contributing to the sound development of capital markets.

# **Funding Operations**

## Features of JFM Bonds

3

JFM bonds are generally recognized as having high credit standing with the following features.

- JFM's assets can be deemed to be highly stable based on the fact that JFM lends exclusively to local governments, and no local governments have ever defaulted.
- JFM has a solid financial foundation, backed by its reserve for interest rate volatility and the Fund for Lending Rate Reduction prescribed in the JFM Law.
- JFM is a joint funding organization established with a capital contribution from Japanese local governments encompassing all prefectures, cities, special wards of Tokyo, government-designated cities, towns and villages.
- Under the JFM Law, local governments have an obligation to bear the costs necessary to satisfy all JFM obligations in the event JFM is to be dissolved and its obligations remain unpaid.

JFM has received the highest credit rating among the Japanese public-sector bond issuers from Standard and Poor's (S&P), Moody's Investors Service (Moody's) and Rating and Investment Information, Inc. (R&I). The BIS risk weighting is 10% for JFM bonds denominated in yen.

In addition to JGBs and local government bonds, interest received by foreign investors (non-residents, foreign corporations, etc.) on JFM's domestic bonds in book-entry form as well as JFM's international bonds (both of which include government-guaranteed bonds) shall be exempted from Japanese income tax, subject to certain procedural requirements.

Issuer Credit Rating	S&P: A+ Moody's: A1 R&I: AA+	(As of 31 March 2018)
BIS Risk Weighting (denominated in yen)	JFM bonds: 10%	For reference: Japanese Government Bonds: 0% Japanese Government-Guaranteed Bonds: 0% Local Government Bonds: 0%
Preferential Rights for JFM Bonds	All holders of JFM bonds (as well as JFM's government-guaranteed bonds) have a preferential right to be paid prior to other unsecured indebtedness, and such preferential right shall rank immediately after the general preferential rights as provided for in the Civil Code of Japan (Law No. 89 of 1896, as amended). (Article 40, Paragraph 2 and Paragraph 3 of the JFM Law)	

Note: The risk weights are values for investors in Japan. For international bonds, the values are determined by respective authorities in each country. (as of 31 March 2018)

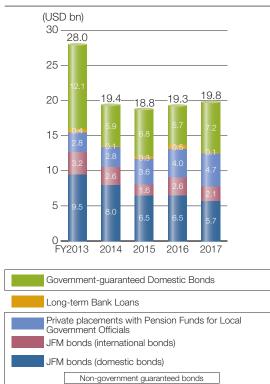
# Trends in Funding Operations

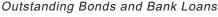
JFM issues JFM bonds (non-government guaranteed bonds to be issued through domestic public offerings or under the MTN Programme, or private placements with pension funds for local government officials) and government-guaranteed bonds for the purpose of refinancing existing government guaranteed bonds of the Predecessor. And, from the perspective of diversifying funding source, long-term bank loans are also an important for JFM's funding operations.

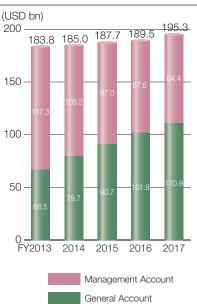
In fiscal 2017, JFM raised a total of USD 19.8 billion, slightly increased from the previous year. This was mainly result of an increase in the amount of government-guaranteed bonds and private placements with the pension funds issued during fiscal 2017 while the issuance volume of JFM bonds was decreased.

As of 31 March 2018, outstanding bonds were USD 193.8 billion. Outstanding long-term bank loans totaled USD 1.5 billion. The total amount of outstanding bonds and long-term bank loans was USD 195.3 billion, which was comprised of USD 110.9 billion in the general account and USD 84.4 billion in the management account. Since the end of fiscal 2016 the volume of outstanding debt in the general account exceeds that of the management account as a result of the trend the management account has been decreasing while the general account has been increasing.

### Funding Volume







# Management Structure

# Corporate Governance

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# **Corporate Governance**

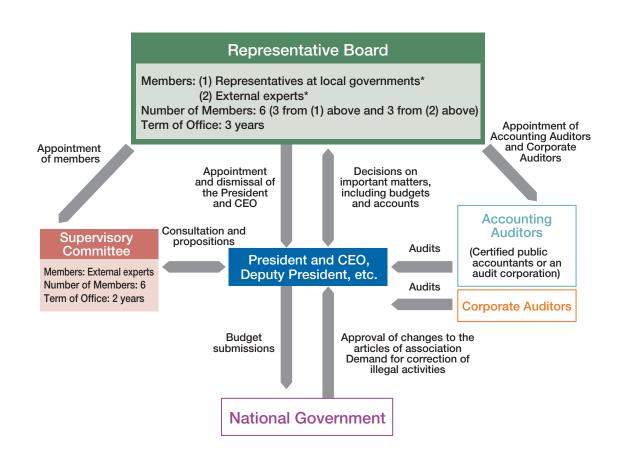
JFM ensures responsible corporate governance through the participation of external experts on the Representative Board and the Supervisory Committee and audits by external accounting auditors.



Management Structure

# **Corporate Governance**

Corporate Governance System



\*Elected by the national associations of prefectural governors, mayors of cities, and mayors of towns and villages.

# 1. Representative Board

As an organization autonomously managed by local governments, JFM has the Representative Board as its supreme decision-making body.

To ensure independence and transparency, the Representative Board consists of one prefectural governor, one city mayor, one town/village mayor and three members from among experts in local administration, economics, finance, law or accounting.

The Representative Board has the authority to make decisions on important matters related to the overall management of JFM, including budgets, settlement of accounts and business plans and to appoint and dismiss the President and CEO as well as Corporate Auditors. As its supervisory function, the Board is also authorized to obtain from the President and CEO information relating to JFM's operations and financial condition, and to order the President and CEO to take corrective actions with respect to any illegal or other inappropriate activities.

### 2. Supervisory Committee

JFM has focused on establishing highly transparent management that incorporates unbiased opinions of external parties, and responsible corporate governance. To ensure such a governing structure, JFM has the Supervisory Committee as a deliberative committee comprising external experts.

The Representative Board appoints the members of the Supervisory Committee from among experts in local administration, economics, finance, law or accounting, and other experts in the academic world.

The Supervisory Committee has the function of monitoring the operations of JFM and may offer its opinions on important matters such as JFM's operations including budgets, settlement of accounts and business plans. The Committee may also, if necessary, request that the President and CEO report on those matters. The President and CEO must respect and report the Committee's opinions to the Representative Board.

### Audits by Corporate Auditors

The Corporate Auditors are responsible for auditing the accounts of JFM, and may, at their discretion, submit reports to the Representative Board, the President and CEO and the Minister for Internal Affairs and Communications.

### 4. Audits by External Accounting Auditors

As JFM raises funds in capital markets, the proper disclosure of information and external checks on accounting procedures are essential in order to build market confidence toward JFM.

From this viewpoint, JFM has its financial statements audited not only by corporate auditors but also by external accounting auditors (certified public accountants or an audit corporation) appointed by the Representative Board.

## Corporate Governance

# Internal Control over Financial Reporting

Pursuant to the Ministerial Ordinance on Finance and Accounting of the Japan Finance Organization for Municipalities, JFM has set up a system which is similar to the internal control reporting system under the Financial Instruments and Exchange Law in Japan. In accordance with the system, JFM prepares the Internal Control Report to evaluate the effectiveness of internal control over financial reporting to ensure the reliability of its financial statements, the base date of which is the end of the fiscal year (March 31), and it is audited by the external auditors and released together with the financial statements.

As for the Internal Control Report in which JFM viewed its internal controls on financial reporting as effective as of the end of fiscal 2017, the accounting auditors gave their opinion (unqualified audit opinion pursuant to Ministerial Ordinance Article 32, Paragraph 5, Clause 1) that, in all material respects, evaluation results of JFM's internal controls over financial reporting were in conformity with the standards of evaluation for internal controls over financial reporting generally accepted in Japan.

# 3 Internal Audit

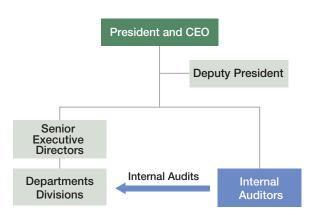
An internal auditor, who is independent from other departments, divisions and offices, examines and assesses the appropriateness and effectiveness of JFM's internal control systems, thereby helping ensure reliable financial reporting and appropriate and efficient operations.

On completing this task, the internal auditor submits a report to the president and CEO.

If the internal auditor identifies deficiencies, related divisions and offices must immediately take the required corrective actions. The internal auditor will then submit to the president and CEO an internal audit report that includes the progress of corrective actions.

The internal auditor also performs follow-up audits and reports the results to the president and CEO as necessary.





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Nanagement Structure

2

# **General Account and Management Account**

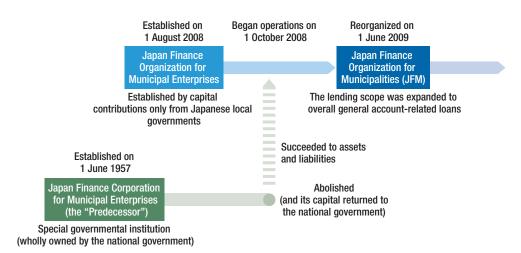
Nanagement Structure

Japan Finance Organization for Municipal Enterprises was established on 1 August 2008, with capital contributed by all prefectures, cities, special wards of Tokyo, government-designated cities, towns and villages, as well as some local government associations, to provide funds to local governments. JFM commenced its operations after succeeding to the assets and liabilities of the Predecessor on 1 October 2008.

As a result of the reorganization on 1 June 2009, JFM's lending scope was extended to overall general account-related loans.

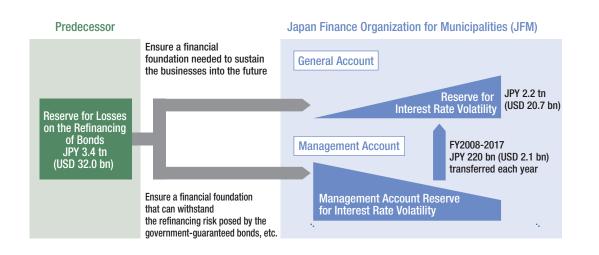
Under the JFM Law, JFM requires managing loans and bonds issued since JFM began its operations in the general account of JFM, whereas loans and operations carried over from the Predecessor are administered in the separate account known as the management account of JFM.

With regard to the management account, JFM issues government-guaranteed bonds solely for the purpose of refinancing government-guaranteed bonds of the Predecessor.



When JFM was founded, it succeeded to the Reserve for Losses on the Refinancing of Bonds in the amount of approximately JPY 3.4 trillion (USD 32.0 billion) to ensure its future stable management from the Predecessor.

Of this amount which was recorded in the management account, the JPY 2.2 trillion (USD 20.7 billion) needed to ensure the future continuity of JFM's operations is being transferred to the general account in equal installments over 10 years, with the remainder which is expected to remain in the management account to ensure a sufficient financial foundation to appropriately manage the Predecessor's bonds and loans and prepare for the risk with refinancing bonds of the Predecessor.



# **General Account and Management Account**

Under the JFM Law, if any assets remain when the asset management operations of the Predecessor are completed and the management account is closed, those assets shall be returned to the national treasury.

Even before the management account is closed, in the event that the businesses of JFM are determined to have been executed smoothly in light of the condition of the management of JFM, the Minister for Internal Affairs and Communications and the Minister of Finance shall, if the management account reserve for interest rate volatility and the management account surplus reserve are determined to exceed the amount necessary for the smooth operation of the asset management operations of the Predecessor in the future, cause the amount that is determined to be in excess to belong to the national treasury (Article 14 of the Supplementary Provisions of the JFM Law).

In accordance with this provision, JFM has transferred a portion of its reserve for interest rate volatility within the management account to the national treasury to secure financial resources of the local allocation tax for regional revitalization.

Nanagement Structure

# **Risk Management**

Nanagement Structure

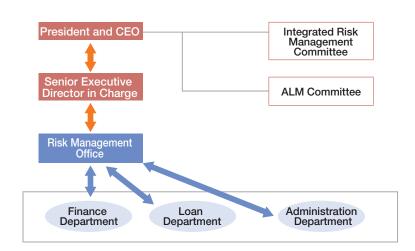


### 1. Risk Management System

JFM adopts an integrated risk management approach to respond to various risks, while pursuing for a higher level of risk analysis and management.

Accordingly, JFM has developed a system for appropriate risk management, including the establishment of the Integrated Risk Management Committee, which supervises JFM's overall risk management, and the Risk Management Office to ensure comprehensive risk management. Risk management can then be appropriately reflected in management decisions.

### Risk Management System



### 2. Characteristics of JFM's Risks

JFM lends to local governments with the maximum maturity of 40 years while JFM raises funds primarily by issuing 10-year bonds. Among other risks, JFM considers the interest rate risk associated with bond refinancing as its major risk (the risk of the negative margin caused by the interest payable exceeding the interest receivable).

To address such interest rate risk, JFM maintains reserves for interest rate fluctuations (the Reserve for Interest Rate Volatility) and has set up the ALM Committee to comprehensively analyze and manage JFM's assets and liabilities in a timely and appropriate manner.

The ALM Committee conducts medium-term and long-term management and risk analysis through scenario, Value at Risk, duration, and other analyses. JFM reflects the findings in its bond issuance plans and other aspects of management and endeavors to lower interest rate risk.

# **Risk Management**

Management of Specific Risks

### 1. Credit Risk

2

Management Structure

Credit risk is the risk of loss arising from deterioration in the financial condition of a borrower and other situations, which could cause an asset to lose value or become worthless. Loans and financial transactions involve credit risk.

### 1) Credit risk associated with loans

JFM lends exclusively to local governments. Local government bonds and loans have a zero risk weighting under the regulations of the Bank for International Settlements (as of 31 March 2018). For the reasons outlined below, JFM believes it is unlikely that any of its borrowers will default those loans. In fact, JFM and its Predecessor have never experienced any loan losses.

- Financial sources for the payment of the principal and interest of local government bonds and loans are secured through the following mechanisms. First, local governments can obtain local tax revenues pursuant to their right to impose tax. Second, in addition to such local tax revenues, local allocation tax grants are allocated as follows: (i) the national government includes certain local government debt servicing costs, i.e., expenditures for the payment of the principal and interest of certain local government bonds and loans including those issued or borrowed with consents or approvals, in the amount of "expenditures" in the Local Government Finance Programme formulated by the national government; and (ii) the total amount of local allocation tax grants is calculated so that the total amount of local government expenditures, including such debt servicing costs, is equivalent to the total amount of the local government revenues, in the Local Government Finance Programme. Thus, the national government effectively secures revenue sources for the payment of principal and interest of such local governments bonds and loans in terms of the total amount. When calculating the amount of local allocation tax grants to be allocated to an individual local government, a part of the "expenditures" for the payment of the principal and interest of such local government bonds and loans are included.
- Before issuing a loan, JFM checks the financial and operational status of the local government, including its debt servicing costs, tax revenues and necessary funds. In addition, when reviewing the ability of a local government to repay the loan, where such local government's expenditures exceed the revenue generated by local taxes, JFM takes into account the local allocation tax grants from the national government described above.
- The Early Correction Measure requires certain local governments, such as those whose debt servicing costs or financial deficits exceed specified levels, to obtain approval from the Minister for Internal Affairs and Communications or their respective prefectural governors in cases where they issue additional bonds or borrow additional loans. In addition, local governments whose fiscal indicators exceed certain early warning limits must make their own efforts toward achieving fiscal soundness, and local governments whose fiscal indicators exceed certain "reconstruction limits" must take necessary actions to restore fiscal soundness under the oversight of the national government with regard to redemption of local government bonds and loans, and other operations. This system facilitates the maintenance of the credit standing of local government bonds and loans.

As of 31 March 2018, JFM's total outstanding loans stood at USD 223.8 billion. The amount of loans outstanding made to local governments whose fiscal indicators exceeded the early warning limits or the reconstruction limits accounted for less than 0.03% in aggregate of total loans outstanding as of 31 March 2018.

### 2) Credit risk associated with market transactions

JFM is, however, exposed to the risk of loss arising from credit events, such as deterioration in the financial condition of a counterparty, which causes an asset to lose value or become worthless. JFM works to appropriately manage credit risk of this type by constantly monitoring counterparties' financial standings and taking measures including suspension of new deals and cancellation of transactions with counterparties that have come to poor credit standings. Moreover, JFM limits counterparties to financial institutions that meet the credit rating and other criteria, and conducts transactions within the credit lines for each counterparty in order to diversify risks.

In addition, JFM entered into the ISDA Master Agreement and the CSAs (Credit Support Annexes) with its derivatives counterparties to reduce the credit risk resulting from fluctuations in the value of derivative transactions.

# 2. Market Risk

Norsement Structure

Market risk is the risk of losses resulting from changes in the value of assets and liabilities due to fluctuations in risk factors such as interest rates, securities prices and foreign exchange rates, or the risk of loss resulting from changes in earnings generated from assets and liabilities. Market risk includes interest rate risk, foreign exchange risk, inflation risk and price fluctuation risk.

### 1) Interest rate risk

### Interest rate risk associated with bond refinancing

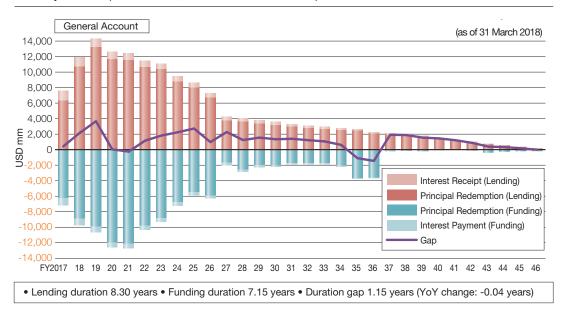
JFM is exposed to the interest rate risk resulting from a duration gap between lending and funding. To address such risk, JFM takes measures described on page 47.

### Interest rate risk associated with a gap in lending and funding schedules

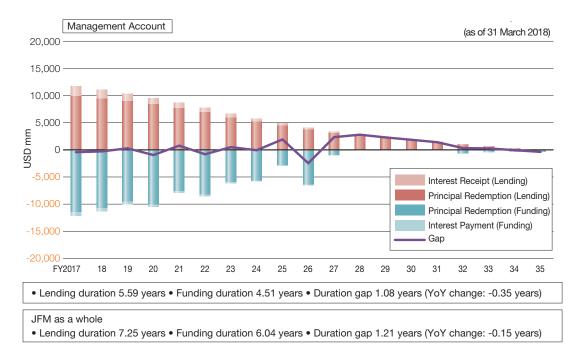
JFM generally raises funds required to finance a loan by issuing bonds prior to the loan disbursements. Proceeds from bond issuances may not be earmarked for a particular loan. Thus, fluctuations in interest rates in the period where lending and funding schedules differ affect the profitability of loans ("pipeline" risk). In order to hedge against pipeline risk, JFM utilizes interest rate swaps.

- JFM maintains reserves to prepare for interest rate risk associated with bond refinancing. At the end of fiscal 2017, the total amount of the reserves stood at USD 28.9 billion, which consisted of USD 20.7 billion in the general account and USD 8.2 billion in the management account.
- As assets and liabilities in the general account are expected to expand as a result of an increase in loans and fund-raising, JFM carries out an ALM analysis of this account in order to further enhance the effectiveness of its interest rate risk management. Furthermore, JFM has established a medium-term management target of five years from fiscal 2018, in which the duration gap is maintained below two years. In order to implement the management target, JFM takes the following measures:
  - (1) Controlling lending duration Lending rates for loans for temporary financial countermeasures funding, which account for approximately 40% of JFM's outstanding loans in the general account, are revised every 5 years or 10 years depending on loans. In addition, JFM will revise its lending rate by 30th year at the latest for its loans with maturities longer than 30 years, while maturities of the loans were extended to be a maximum of 40 years from April 2015.
  - (2) Extending funding duration Utilizing its FLIP and Open Issuance scheme, JFM aims to extend the funding duration by carefully choosing maturities of bonds to be issued e.g., continuously issuing long-dated bonds with maturities over 10 years.
- At the end of fiscal 2017, the duration gap in the general account was 1.15 years, staying within the management target.
- In the management account, which manages assets transferred from the Predecessor, JFM maintains USD 8.2 billion of the management account reserve for interest rate volatility as described above. As no new lending from the management account has been made since October 2008, JFM expects that the interest rate risk in the management account will decline overall as the size of the account declines over time.
- Pursuant to Article 14 of the Supplementary Provisions of the JFM Law, a portion of JFM's management account reserve for interest rate volatility is being attributed to the Japanese national government over a period of three years from fiscal 2017 through fiscal 2019, with the aim of transferring up to USD 8.5 billion over this period. Furthermore, it has been also determined that an additional amount of up to USD 14.1 million from fiscal 2018 through fiscal 2023 shall be attributed to the government. The amount of transfer is to be within the amount which the Minister for Internal Affairs and Communications and the Minister of Finance deem as an amount exceeding the requisite amount of reserve necessary for the smooth operation of JFM's management account at the time of transfer and in the future, in light of JFM's financial condition. Even after these transfers, JFM does not expect the transfers to have a material effect on JFM's business, results of operations or financial condition, due primarily to sufficient amount of the reserve for this account.

### **Risk Management**



Maturity Ladder (JFM Loans, Bonds and Bank Loans)



### 2) Foreign exchange and other risks

Various risks associated with bond principal and interest payments are generally hedged by swap transactions. These risks include foreign exchange risk related to foreign currency denominated bonds and interest rate risk related to floating rate bonds. JFM's investments of surplus funds are exposed to the risk of losses on the sale of securities resulting from price declines and the risk of realized losses on foreign currency denominated deposits resulting from fluctuations in foreign exchange rates. Accordingly, in principle, JFM reduces the price fluctuation risk by holding investments until maturity and hedges foreign exchange risk by using forward foreign exchange contracts.

ManagementStructure

Liquidity risk is the risk that JFM would incur losses because of difficulty in funding, or because of funding at far higher interest rates than under ordinary conditions. It also includes the risk that JFM would incur losses because of the inability to conduct market transactions or because of transactions at prices far more unfavorable than under normal conditions due to market disruption or other situations. However, JFM's current exposure to liquidity risk is low because loans are made based on a pre-set schedule, and the daily cash and liquidity management is carried out. Moreover, JFM has entered into overdraft agreements with a wide range of financial institutions to prepare for unexpected fund shortfalls, and invests surplus funds only in short-term financial products.

In addition, JFM has implemented a policy to maintain a certain amount of liquid assets so that, in the event of market disruption, JFM may continue to timely make its payments of interest and principal on the bonds and other dent securities.

# 4. Operational Risk

Operational risk is the risk of loss resulting from inadequate operation processes, inadequate activities by management and staff, and inadequate computer systems, or from external events.

### 1) Administrative risk

Administrative risk is the risk of loss resulting from the neglect or inadequacy of attention by management and employees to properly conduct administrative work, accidents and/or violation of laws caused by them in the course of the administrative work process. JFM endeavors to mitigate its exposure to administrative risk by preparing operational manuals, holding educational seminars and training sessions, and reducing operational workload through systematization.

### 2) Systems risk

Systems risk is the risk of the confidentiality, integrity and availability of information assets being impaired as a result of computer system inadequacies or the fraudulent use of computer systems. JFM has established and implemented the Systems Risk Management Policy and the Systems Risk Management Standard to appropriately manage systems risk and ensure smooth business operations.

# 5. Contingency Measures

JFM has prepared the Contingency Plan to minimize the scope of losses and the impact on operations and restore normal operations promptly and efficiently in the event that computer systems break down or cannot be used due to unexpected incidents, disasters or malfunctions. Furthermore, in order to prepare for a contingency, JFM has a backup server outside JFM so that its business operations can be continued.

# Compliance

Nanagement Structure

1

Basic Policy

JFM has prepared the Compliance Rules to ensure that operations are conducted in accordance with laws and regulations and indicate what actions management and staff should take when a breach of laws or regulations is identified. The rules include the following basic policy on compliance.

- Management and employees must be aware of JFM's social responsibility and public mission and realize that a breach of laws or regulations would cause a great hindrance to JFM's business operations, such as a loss in credibility of JFM as a whole. Management and staff must also observe laws and regulations and fulfill their duties with integrity and fairness.
- Management and employees must strive to earn the trust of society by appropriately disclosing information on JFM's operations.

# 2 Compliance System

Based on the Compliance Rules, JFM has the Compliance Committee.

JFM's deputy president serves as the chairman of the committee, with senior executive directors and department heads serving as committee members. The committee deliberates on important compliance issues, such as the formulation, revision and abolition of compliance-related rules and regulations and the preparation of guidelines and action plans for compliance.

JFM has also established the compliance division to oversee compliance arrangements. This unit deploys compliance-based initiatives (providing system guidance and training or producing manuals) in keeping with the committee's guidelines.

### Compliance System



# Disclosure

Nanagement Structure

# 1 Basic Stance on Information Disclosure

From the viewpoint of investor protection, JFM strives to ensure the transparency of JFM's management by disclosing information on its financial conditions and other relevant information.

# 2 Materials for Disclosure

The following materials are available on JFM's website (www.jfm.go.jp/en/).

### 1. Materials for Disclosure Pursuant to Laws and Regulations

- Financial statements
- Business reports and statement of accounts (in Japanese only)
- Explanatory documents based on Article 36, Paragraph 3 of the JFM Law (Documents corresponding to annual securities reports specified in the Financial Instruments and Exchange Act and the Internal Control Report) (in Japanese only)

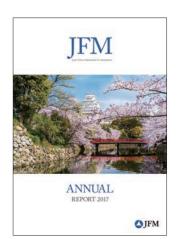
# 2. Other Documents for Disclosure

• Budgets, business plans, funding plans, and medium-term plans on income and expenditures

- Management plan
- Funding plan
- Brochure
- Annual Report
- JFM News magazine



Website (http://www.jfm.go.jp/en/)



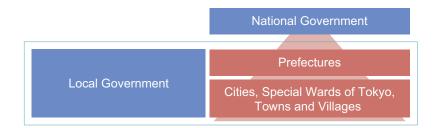
Annual Report

# 1 Japanese Local Government System

Local governments are responsible for extensive areas of public administration for the welfare of citizens.

While the national government focuses on administrative affairs for the state as a member of the international community, local governments engage in administration that relates to the daily lives of citizens. Local governments are responsible for social welfare, education, fire defense, and infrastructure such as road and waterways.

Japanese local government system adopts a two-tier system with prefectures serving broader geographic areas, and cities, special wards of Tokyo, as well as government-designated cities, towns and villages providing local services.



Number of Japanese Local Governments

Prefectures	47
Cities, special wards of Tokyo, etc.	1,741
Government-designated cities	20
Cities	771
Special wards of Tokyo	23
Towns	744
Villages	183
Total	1,788





(as of 1 April 2018)

# 2 Local Government Finance Programme

Each local government is unique in terms of its natural and historic situations, industrial structures, population sizes, and other attributes. As a result, each local government handles diverse administration. The term "local government finance" collectively refers to funding for individual local governments engaging in such administration. Just as with national finance, local government finance plays a major role in the nation's economy and the lives of citizens. In fiscal 2018, local government finance will total JPY 88.1 trillion (USD 829.7 billion) (based on the Local Government Finance Programme (the "LGFP").

Because local governments engage in numerous activities that closely relate to residents, they need to provide stable public services regardless of regional differences stemming from varying populations, industry densities, and/or tax revenue fluctuations over years. Accordingly, the national government formulates the LGFP each fiscal year based on assessments of the scales of local government finance and forecasts of overall revenues and expenditures. In response to annual national budget plans, the national government balances the total amount of local government revenues and expenditures in the LGFP. Under this Programme, revenue sources for all local governments, including local allocation tax grants as well as bonds and loans to be issued or borrowed, are secured so that local governments can ensure uniform public service standards.

# Local Government Finance Programme (Initial Plan for FY2018)



Note: The above programme includes Great East Japan Earthquake related budgets.

# 3 Local Allocation Tax

Local governments would ideally cover the expenditures necessary to provide public services with their local tax revenues. In reality, however, tax revenues are distributed unevenly. In order to adjust disparities and secure funds for local governments that have low tax revenues, the national government distributes Local Allocation Tax, which comprises certain percentages of national taxes, including personal and corporate income taxes and consumption taxes. Local Allocation Tax is an important source of funds for local governments to maintain an appropriate level of public services.

### Local Allocation Tax System



Notes: 1. Standard financial requirements are the amount of funds necessary to provide standard public services. The requirements are calculated for each local government according to the standard specified by the Ministry of Internal Affairs and Communications.

2. Local governments have taxation rights in Japan, but there are regional imbalances in tax revenues.

4

# Local Government Borrowings

Local government borrowings are bonds and loans to be issued by local governments for securing necessary external funds, and mature no earlier than the first fiscal year. In principle, a local government should cover expenditures with its revenues other than local government borrowings. However, local governments can finance through borrowings in the case that it is desirable to share costs with future residents such as for constructions of facilities, or that large temporary expenses are required due to disasters.

# 5 Security of Local Government Borrowings

The following framework secures principal and interest payments of local government borrowings. On the back of this framework, the BIS risk weighting for local government borrowings is 0%, based on the standardized approach (as of 31 March 2018).

### 1) Secured funds for repayments of local government borrowings

The national government effectively secures revenue sources for repayments of local government borrowings from both macro and micro perspectives.

- (i) Local tax revenues are secured by taxation rights of local governments
- (ii) The national government includes repayments of local government borrowings (i.e., principal and interest payments) in the amount of expenditures in the LGFP
- (iii) The total amount of Local Allocation Tax grants is set aside so that the total amount of local government expenditures, including the principal and interest payments, is equivalent to the total amount of local government revenues in the LGFP
- (iv) In the calculation of Local Allocation Tax grants to be allocated to an individual local government, a portion of the principal and interest payments are included in the Standard Financial Requirements of an individual local government

Note: In (ii), (iii) and (iv) above, only the local government borrowings to which the consent or approval has been given are covered.

### 2) Issuance restriction

Local governments with a real debt payment ratio of 18% or higher, or those with a real deficit ratio exceeding specified levels, are restricted from additional borrowings under the Local Government Finance Law.

### 3) Supervision of financial soundness

The Law Relating to the Financial Soundness of Local Governments of Japan, which was promulgated in June 2007, requires local governments the following measures in order to securely manage their fiscal soundness:

- (i) Specified fiscal indicators to be disclosed
- (ii) Local governments with those fiscal indicators exceeding certain early warning limits to restore fiscal soundness through their own efforts
- (iii) Local governments with those fiscal indicators exceeding certain reconstruction limits to take necessary actions under the supervision of the national government or the respective prefectural governments, in order to restore their fiscal soundness

# 6 Local Government Borrowing Programme

The LGBP is an annual plan that the national government prepares for local government funding. The LGBP is closely linked to the national government budget-making. The LGBP plays the following crucial roles in terms of local government finance.

### 1) Consent (approval) based on LGBP

The LGBP specifies the total scheduled amount of local government borrowings including the amount by business type. Typically, the consent or approval for local government borrowings is given based on the LGBP.

### 2) Secured funding sources for local government borrowings

The national government balances the amount of local government funding needs and the amount of funding sources, and specifies funding sources for each business under the LGBP.

# 7 JFM Funds in Local Government Borrowing Programme

The sources for local government funding are classified into national government funds, JFM funds and private funds.

Local Government Borrowing Programme

		FY2017	FY2018	
		112017	112010	Share
1. Private Funds	Publicly Offered Bonds	USD 36 bn	USD 36 bn	33%
1. Private Funds	Other Private Sectors	USD 30 bn	USD 31 bn	28%
2. Public Funds	JFM	USD 17 bn	USD 17 bn	15%
2. Public Fullos	National Government	USD 27 bn	USD 26 bn	24%
	Total	USD 110 bn	USD 110 bn	100%

Note: The figures above are the planned numbers originally published by the Ministry of Internal Affairs and Communications and not the actual numbers.

Since fiscal 2014, JFM funds have accounted for around 15-16% of the LGBP. JFM plays a major role in Japanese local government finance, making a substantial contribution to project implementation and financial management of local governments.



### LGBP Volume by Funding Source (Initial Plan)

Source: The Ministry of Internal Affairs and Communications

# **Financial Section**

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Balance Sheets

Financial Section

### (As of 31 March 2017 and 2018)

(As of 31 March 2017 and 2018)			(Milli	ons of yen) (	Thousands c	of U.S. dollars)		
Item	Fiscal 2016 (31 March 2017) (31 March 2018)		1 March   FISCAI 2017		Fiscal 2016 (31 March 2017)			
		Amount			Amount			
Assets				Liabilities				
Loans (Note 3)	¥23,720,021	¥23,768,240	\$223,827,481	Bonds (Notes 7 and 8)	¥19,955,593	¥20,284,520	\$191,021,008	
Securities (Note 17)	166,000	170,000	1,600,904	Borrowed money (Note 9)	170,500	159,500	1,502,025	
Cash and bank deposits	861,226	747,767	7,041,792	Cash collateral received for financial instruments	111,159	12,260	115,453	
Cash collateral paid for financial instruments	24,327	56,277	529,965	Other liabilities	8,379	6,692	63,026	
Other assets	10,616	9,783	92,129	Reserve for bonuses (Note 10)	55	57	542	
Tangible fixed assets (Note 6)	2,602	2,549	24,009	Reserve for bonuses for directors and corporate auditors (Note 10)	8	8	77	
Intangible fixed assets (Note 6)	1,473	1,211	11,412	Reserve for retirement benefits (Notes 10 and 13)	45	47	449	
				Reserve for retirement benefits for directors and corporate auditors (Note 10)	17	24	227	
				Fund for lending rate reduction	920,287	920,287	8,666,424	
				Basic fund for lending rate reduction (Note 12)	920,287	920,287	8,666,424	
				Reserves under special laws	3,379,138	3,105,003	29,240,072	
				Reserve for interest rate volatility (Note 11)	1,980,000	2,200,000	20,717,582	
				Management account reserve for interest rate volatility (Note 11)	1,358,120	870,453	8,197,129	
				Reserve for interest rate reduction	41,017	34,550	325,361	
				Total liabilities	24,545,185	24,488,401	230,609,303	
				Net Assets				
				Capital	16,602	16,602	156,343	
				Retained earnings	165,779	191,890	1,807,051	
				General account surplus reserve	165,779	191,890	1,807,051	
				Valuation, translation adjustments and others	5,035	5,268	49,617	
				Management account surplus reserve	53,666	53,666	505,378	
				Total net assets	241,082	267,427	2,518,389	
Total assets	¥24,786,267	¥24,755,829	\$233,127,692	Total liabilities and net assets	¥24,786,267	¥24,755,829	\$233,127,692	

See notes to financial statements.

# Statements of Income

(For the years ended 31 March 2017 and 2018) (Millions of yen) (Thousands of U.S. doll					
Item	Fiscal 2016 (1 April 2016 to 31 March 2017)	Fiscal 2017 (1 April 2017 to 31 March 2018)			
	Amount	Amo	ount		
Income	¥376,497	¥347,476	\$3,272,213		
Interest income	372,787	343,305	3,232,934		
Fees and commissions	103	98	927		
Other operating income	36	46	435		
Other income	3,569	4,026	37,917		
Contributions from fund for lending rate reduction (Note 12)	3,557	4,011	37,778		
Others	12	14	139		
Expenses	216,284	195,499	1,841,039		
Interest expenses	208,872	187,970	1,770,132		
Fees and commissions	313	300	2,829		
Other operating expenses	3,874	3,934	37,047		
General and administrative expenses	3,223	3,295	31,031		
Ordinary income	160,213	151,976	1,431,174		
Special gains	427,323	626,467	5,899,495		
Reversal of management account reserve for interest rate volatility (Note 11)	420,000	620,000	5,838,591		
Reversal of reserve for interest rate reduction	7,323	6,467	60,904		
Special losses	559,658	752,332	7,084,774		
Provision for reserve for interest rate volatility (Note 11)	220,000	220,000	2,071,758		
Provision for management account reserve for interest rate volatility (Note 11)	139,658	132,332	1,246,183		
Payment to national treasury (Notes 4 and 11)	200,000	400,000	3,766,833		
Net income	¥27,878	¥26,111	\$245,895		

### (For the years ended 31 March 2017 and 2018)

See notes to financial statements.

# **Financial Statements**

Financial Section

# Statements of Appropriation of Profit [General account]

(For the year ended 31 March 2017)		(Millions of yen)
1 Profit available for appropriation		¥27,878
Net income	¥27,878	
Accumulated deficit brought forward	-	
2 Profit appropriated		
Surplus reserve	27,878	27,878

# Statements of Appropriation of Profit [General account]

(For the year ended 31 March 2018)		(Millions of yen
1 Profit available for appropriation		¥26,111
Net income	¥26,111	
Accumulated deficit brought forward	-	
2 Profit appropriated		
Surplus reserve	26,111	26,111
	(Thousand	ls of U.S. dollars
1 Profit available for appropriation		\$245,895
Net income	\$245,895	
Accumulated deficit brought forward	-	
2 Profit appropriated		
Surplus reserve	245,895	245,895

Notes: 1. Profit was appropriated at the end of the fiscal year in accordance with the provisions of Article 39, Section 1 of the Japan Finance Organization for Municipalities Law (Law No. 64 of 2007; hereinafter the "Law").

2. Surplus reserve appropriated was posted as general account surplus reserve on the balance sheets.

See notes to financial statements.

# Statements of Appropriation of Profit [Management account]

(For the year ended 31 March 2017)		(Millions of yen)
1 Profit available for appropriation		¥-
Net income	¥-	
Accumulated deficit brought forward	-	
2 Profit appropriated		
Surplus reserve		-

# Statements of Appropriation of Profit [Management account]

For the year ended 31 March 2018)	(Mil	lions of yen
1 Profit available for appropriation		¥-
Net income	¥-	
Accumulated deficit brought forward	-	
2 Profit appropriated		
Surplus reserve	-	-
Surplus reserve	- (Thousands of	- U.S. dollars
	- (Thousands of	- U.S. dollars) \$-
	- (Thousands of \$-	
1 Profit available for appropriation		
1 Profit available for appropriation Net income		

See notes to financial statements.

# **Financial Statements**

# Statements of Changes in Net Assets

### (For the year ended 31 March 2017)

Financial Section

(Millions of yen)

		Stockhold	ers' equity		Valuation, translation adjustments and others	Management	Total
		Retained earnings			Unrealized	account surplus	net
	Capital	General account surplus reserve	Total retained earnings	Total stockholders' equity	gain/ (loss) from hedging instruments	reserve	assets
Balance as of 1 April 2016	¥16,602	¥137,900	¥137,900	¥154,502	¥8,018	¥53,666	¥216,187
Changes during accounting period							
Net income	-	27,878	27,878	27,878	-	-	27,878
Net changes during accounting period in items other than stockholders' equity	-	-	-	-	(2,983)	-	(2,983)
Net changes during accounting period	-	27,878	27,878	27,878	(2,983)	-	24,894
Balance as of 31 March 2017	¥16,602	¥165,779	¥165,779	¥182,381	¥5,035	¥53,666	¥241,082

(For the year ended 31 March 2018) (Millions of yen)							
	Stockholders' equity			Valuation, translation adjustments and others	Management	Total	
		Retained	earnings		Unrealized	account account inrealized surplus as a surp	net
	Capital	General account surplus reserve	Total retained earnings	Total stockholders' equity	gain/ (loss) from hedging instruments		assets
Balance as of 1 April 2017	¥16,602	¥165,779	¥165,779	¥182,381	¥5,035	¥53,666	¥241,082
Changes during accounting period							
Net income	-	26,111	26,111	26,111	-	-	26,111
Net changes during accounting period in items other than stockholders' equity	-	-	-	-	233	-	233
Net changes during accounting period	-	26,111	26,111	26,111	233	-	26,345
Balance as of 31 March 2018	¥16,602	¥191,890	¥191,890	¥208,492	¥5,268	¥53,666	¥267,427

# (For the year ended 31 March 2018)

	Stockholders' equity				Valuation, translation adjustments and others	Management	Total
	Capital	Retained General account surplus reserve	earnings Total retained earnings	Total stockholders' equity	Unrealized gain/ (loss) from hedging instruments	account surplus reserve	net assets
Balance as of 1 April 2017	\$156,343	\$1,561,156	\$1,561,156	\$1,717,499	\$47,415	\$505,378	\$2,270,292
Changes during accounting period							
Net income	-	245,895	245,895	245,895	-	-	245,895
Net changes during accounting period in items other than stockholders' equity	_	-	-	-	2,202	_	2,202
Net changes during accounting period	-	245,895	245,895	245,895	2,202	-	248,097
Balance as of 31 March 2018	\$156,343	\$1,807,051	\$1,807,051	\$1,963,394	\$49,617	\$505,378	\$2,518,389

See notes to financial statements.

Management Structure

(Thousands of U.S. dollars)

Operations

# **Financial Statements**

Financial Section

# **Statements of Cash Flows**

### (For the years ended 31 March 2017 and 2018)

Net income

Interest income

Fiscal 2016 Fiscal 2017 (1 April 2017 to 31 March 2018) (1 April 2016 to 31 March 2017) I Cash flows from operating activities ¥27,878 ¥26,111 \$245,895 Depreciation and amortization 619 659 6,210 (372,787) (343,305) (3,232,934) 208,872 187,970 1,770,132

(Millions of yen) (Thousands of U.S. dollars)

Interest expenses	208,872	187,970	1,770,132
Increase in reserve for bonuses	2	2	23
Increase in reserve for bonuses for directors and corporate auditors	0	0	1
Increase in reserve for retirement benefits	11	2	23
Increase in reserve for retirement benefits for directors and corporate auditors	8	6	58
Decrease in fund for lending rate reduction	(3,557)	(4,011)	(37,778)
Increase in reserve for interest rate volatility	220,000	220,000	2,071,758
Decrease in management account reserve for interest rate volatility	(80,341)	(87,667)	(825,575)
Decrease in reserve for interest rate reduction	(7,323)	(6,467)	(60,904)
Net (increase)/decrease in loans	(55,509)	(48,218)	(454,076)
Net increase/(decrease) in bonds	153,549	326,799	3,077,497
Net increase/(decrease) in borrowed money	50,000	(11,000)	(103,588)
Interest received	373,725	344,134	3,240,738
Interest paid	(208,543)	(187,420)	(1,764,954)
Others	(29,336)	(130,597)	(1,229,846)
Net cash provided by operating activities	277,268	286,997	2,702,680
I Cash flows from investing activities			
Proceeds from redemption of securities	585,400	612,000	5,763,255
Purchases of securities	(516,400)	(616,000)	(5,800,924)
Purchases of tangible fixed assets	(2)	(51)	(485)
Purchases of intangible fixed assets	(208)	(416)	(3,920)
Net cash provided by investing activities	68,789	(4,467)	(42,074)
II Cash flows from financing activities			
Payment to national treasury	(200,000)	(400,000)	(3,766,833)
Revenue from contributions made from municipally operated racing	3,557	4,011	37,778
Net cash used in financing activities	(196,442)	(395,988)	(3,729,055)
IV Effect of exchange rate changes on cash and cash equivalents	-	_	-
V Net increase/(decrease) in cash and cash equivalents	149,615	(113,458)	(1,068,449)
VI Cash and cash equivalents at beginning of year	711,611	861,226	8,110,241
VII Cash and cash equivalents at end of year	¥861,226	¥747,767	\$7,041,792

See notes to financial statements.

# Notes to Financial Statements

### 1. Basis of Presentation

Japan Finance Organization for Municipalities (hereinafter, "JFM") has prepared financial statements in accordance with the Japan Finance Organization for Municipalities Law (Law No. 64, 2007; hereinafter the "Law"), the ordinances based on the Law and other regulations applicable to JFM and accounting principles generally accepted in Japan, which are different in certain respects as to the application and disclosure requirements of International Financial Reporting Standards.

Since JFM does not have any subsidiaries or affiliates, it does not prepare consolidated financial statements.

Amounts less than 1 million yen have been omitted. As a result, the totals in Japanese yen shown in the financial statements do not necessarily agree with the sum of the individual amounts.

The translation of the Japanese yen amounts into U.S. dollars is included solely for the convenience of readers outside Japan, using the prevailing exchange rate as of 31 March 2018, the final day of the fiscal year, which was ¥106.19 to U.S. \$1. This translation should not be construed as a representation that all amounts shown could be converted into U.S. dollars at such rate.

### 2. Summary of Significant Accounting Policies

(1) Securities

Held-to-maturity securities are carried at amortized cost (straight-line method).

(2) Derivative transactions

Derivative transactions are carried at fair value with changes in unrealized gain or loss charged or credited to income, except for those which meet the criteria for hedge accounting.

- (3) Depreciation and amortization
- (a) Tangible fixed assets

Depreciation of tangible fixed assets is calculated by the straight-line method based on the estimated useful lives and the residual value determined by management. The estimated useful lives of major items are as follows:

Buildings: 23 to 47 years

Others: 2 to 19 years (b) Intangible fixed assets

Amortization of intangible fixed assets is calculated by the straight-line method based on the estimated useful lives and the residual value determined by management. Software for internal use owned by JFM is amortized over 5 years.

(4) Deferred assets

Bond issuance costs are expensed in full when incurred.

(5) Translation of assets and liabilities denominated in foreign currencies into Japanese yen

Monetary assets and liabilities denominated in foreign currencies, for which foreign currency swaps or foreign exchange forward contracts are used to hedge the risk of foreign currency fluctuation, are translated at the contracted rate as these swap contracts or the forward contracts qualify for deferral hedge accounting.

- (6) Reserves
  - (a) Reserve for possible loan losses

JFM has never experienced any loan losses. Accordingly, no reserve for possible loan losses has been maintained.

(b) Reserve for bonuses

The reserve for bonuses is provided for payment of bonuses to employees, in the amount of estimated bonuses, which are attributable to the fiscal year.

(c) Reserve for bonuses for directors and corporate auditors

The reserve for bonuses for directors and corporate auditors is provided for payment of bonuses to directors and corporate auditors, in the amount of estimated bonuses, which are attributable to the fiscal year.

(d) Reserve for retirement benefits

The reserve for retirement benefits is provided for payment of retirement benefits to employees, in the amount deemed accrued at the fiscal year-end, based on the projected retirement benefit obligation and fair value of plan assets at the fiscal year-end. The reserve for retirement benefits and pension expenses are calculated using the simplified method, which assumes JFM's retirement benefit obligation to be equal to the benefits payable if all eligible employees voluntarily terminated their employment at the fiscal year-end.

(e) Reserve for retirement benefits for directors and corporate auditors

The reserve for retirement benefits for directors and corporate auditors is provided for payment of retirement benefits to directors and corporate auditors, in the amount deemed accrued at the fiscal year-end based on the internal policies.

### (7) Hedge accounting

inancial section

- (a) Hedge accounting method
  - Interest rate swaps used to hedge the risk of interest rate fluctuations that qualify for hedge accounting and meet specific matching criteria are not measured at fair value, but the differential paid or received under the swap agreements is recognized and included in interest expense or income. If swap contracts or forward contracts used to hedge the risk of foreign currency fluctuation qualify for deferral hedge accounting, the foreign currency-denominated assets and liabilities are translated at the contracted rate.
- (b) Hedging instruments and hedged items
  - (i) Hedging instruments · · · Interest rate swaps
  - Hedged items · · · · · · · Bonds and long-term borrowed money
  - (ii) Hedging instruments · · · Currency swaps
  - Hedged items · · · · · · · · Foreign currency-denominated bonds
  - (iii) Hedging instruments · · · Foreign exchange forward contracts
  - Hedged items · · · · · · · · Foreign currency-denominated bank deposits
- (c) Hedging policy
  - JFM uses hedging instruments as a means of hedging exposure to interest rate risk and foreign exchange risk. Hedged items are identified by each individual contract.
  - As a means of hedging foreign exchange fluctuation risks associated with the receipt of interest and principal of foreign currency-denominated bank deposits, a foreign exchange forward contract is entered into at the time of each deposit by JFM.
- (d) Assessment of hedge effectiveness

JFM ensures hedging instruments and hedged items have the same major terms when entering into hedge transactions to offset market fluctuation risks associated with bonds and long-term borrowed money. Accordingly, JFM deems these to be highly effective and thus does not assess effectiveness. Moreover, a periodic assessment of hedge effectiveness for interest rate swaps and currency swaps and forward contracts that qualify for deferral hedge accounting is omitted when the exceptional accrual method is applied.

### (8) Cash and cash equivalents

Cash and cash equivalents in the statements of cash flows consist of "Cash and bank deposits" on the balance sheets.

(9) Fund for lending rate reduction

In accordance with the provisions of Article 46, Section 1 of the Law, JFM has established the fund for lending rate reduction to reserve contributions as stipulated in Article 32-2 of the Local Government Finance Law (Law No. 109, 1948). Also, pursuant to the provisions of Article 46, Section 5 of the Law, income arising from the investment of the fund (hereinafter, "investment income") is used to reduce interest rates of the loans to municipalities, and if there is any surplus in the investment income after this interest rate reduction process, the surplus amount is added to the fund. Further, pursuant to the provisions of Article 46, Section 6 of the Law, if there is any shortfall after the interest rate reduction process, the shortfall is covered by withdrawal of the fund within the limits of the total of the additional portion to the fund made up to the previous fiscal year and the contributions made in the most current fiscal year.

(10) Reserve for interest rate volatility and management account reserve for interest rate volatility

The reserve for interest rate volatility is set aside to prepare for interest rate risk associated with refinancing of JFM bonds (excluding the bonds issued by the former Japan Finance Corporation for Municipal Enterprises; hereinafter, the "Predecessor") pursuant to the provisions of Article 38, Sections 1 and 3 of the Law, and Article 9, Sections 8 and 10 of the Supplementary Provisions of the Law, and is calculated and accounted for based on the provisions of Article 34 of the Ministerial Ordinance on Finance and Accounting of Japan Finance Organization for Municipalities (Ordinance No. 87 of the Ministry of Internal Affairs and Communications, 2008; hereinafter, "Ordinance on Finance and Accounting") and Articles 22 and 23 of the Government Ordinance on preparation of relevant government ordinances and provisional measures for the abolishment of the Japan Finance Corporation for Municipal Enterprises Law (Government Ordinance No. 226, 2008; hereinafter, "Preparation Ordinance").

The management account reserve for interest rate volatility is set aside to manage interest rate risk associated with refinancing of bonds issued by the Predecessor pursuant to the provisions of Article 9, Sections 9 and 10, and Article 13, Sections 5 and 7 of the Supplementary Provisions of the Law, and is calculated and accounted for based on the provisions of Articles 1 through 3 of the Ministerial Ordinance on the operations of the Management Account at Japan Finance Organization for Municipal Enterprises (Ordinance No. 2 of the Ministry of Internal Affairs and Communications, and the Ministry of Finance, 2008; hereinafter, "Management Account Operations Ordinance") and Articles 3 and 5 of the Supplementary Provisions of the above ordinance.

(11) Reserve for interest rate reduction

Reserve for interest rate reduction is set aside to reduce interest rates on the loans made by the Predecessor to local governments pursuant to the provisions of Article 9, Section 13, and Article 13, Section 8 of the Supplementary Provisions of the Law, and Article 26, Sections 1, 3 and 4 of the Preparation Ordinance, and is calculated and accounted for based on the provisions of Article 5 of the Management Account Operations Ordinance.

(12) Management account surplus reserve

Profits generated in the management account are accounted for as the management account surplus reserve separately from retained earnings in accordance with the provisions of Article 13, Section 8 of the Supplementary Provisions of the Law and Article 26, Section 2 of the Preparation Ordinance.

(13) Consumption taxes

National and local consumption taxes are accounted for using the tax exclusion method.

### 3. Loans

There are no bankrupt loans, non-accrual loans, past due loans (three months or more), or restructured loans. Since JFM has never experienced loan losses in the past, it does not record a reserve for possible loan loss.

Bankrupt loans represent loans to borrowers as defined in Article 96, Section 1, Clause 3 (a) through (e) and Clause 4 of the Enforcement Ordinance of the Corporate Income Tax Law (Government Ordinance No. 97, 1965), and on which accrued interest is not accounted in revenue as there is no expectation of collection of either principal or interest because they are past due for a considerable period of time or for other reasons (excluding loans on which bad debts are written off; hereinafter, "Non-accrual loans").

Non-accrual loans represent loans on which accrued interest is not accounted in revenue, excluding loans to bankrupt borrowers and loans with grace periods for interest payments to assist in corporate reorganization or to support business.

Past due loans (three months or more) represent loans on which payment of principal or interest is in arrears for more than three months, calculated from the day following the contractual due date, excluding bankrupt loans and non-accrual loans.

Restructured loans represent loans, given certain favorable terms and conditions, such as reduction or exemption of interest, grace periods for interest or principal payments, and debt waivers, to assist borrowers in corporate rehabilitation or to support business, excluding bankrupt loans, non-accrual loans and past due loans (three months or more).

### 4. Payment to the National Treasury of a Portion of JFM's Management Account Reserve for Interest Rate Volatility

In accordance with the Supplementary Provisions of the Law, a portion of JFM's management account reserve for interest rate volatility is being attributed to the Japanese national government over a period of three years from fiscal 2015 through fiscal 2017, with the aim of transferring up to 600 billion yen over this period. Furthermore, it has been also determined that an additional amount of up to 800 billion yen from fiscal 2017 through fiscal 2019 shall be attributed to the government.

In fiscal 2017, 400 billion yen (3,766,833 thousand U.S. dollars) was transferred to the national treasury by JFM, pursuant to Article 14 of the Supplementary Provisions of the Law for fiscal 2017 (Ordinance No. 2 of the Ministry of Internal Affairs and Communications, and the Ministry of Finance, 2017). And, in fiscal 2018, 400 billion yen is scheduled to be transferred to the national treasury by JFM, pursuant to Article 14 of the Supplementary Provision of the Law for fiscal 2018 (Ordinance No. 2 of the Ministry of Internal Affairs and Communications, and the Ministry of Internal Affairs and Communications, and the Ministry of Internal Affairs and Communications, and the Ministry of Finance, 2018).

JFM obtained the approval of the Minister of Health, Labour and Welfare, dated 1 October 2014, for the transfer to the Japanese national government of the payment obligation of the substitutional portion of the Employees' Pension Fund established under the Japanese Welfare Pension Insurance Law. Furthermore, on 22 September 2017, JFM completed the transfer of the total amount of the refund (minimum policy reserve) to the Japanese national government. There will be no impact on JFM's profit or loss in conjunction with this because Clause 46 of "Guidance on Accounting Standard for Retirement Benefits" (Accounting Standards Board of Japan Guidance No. 25) has been applied.

### 5. Financial Instruments

(1) Status of financial instruments

(a) Policy for financial instruments

In order to maintain a sound and good financial standing as well as the solid confidence of capital markets, JFM needs to appropriately manage various risks including interest rate risk.

JFM adopts an integrated risk management approach to appropriately respond to various risks while endeavoring to further advance its risk analysis and management.

Accordingly, JFM has developed a system for appropriate risk management, including the establishment of the Integrated Risk Management Committee, which supervises JFM's overall risk management, and the Risk Management Office, which monitors the risks in each department. The content of risk management can then be appropriately reflected in management decisions.

(b) Details and risks of financial instruments

JFM makes loans to local governments. The maximum term to maturity is 40 years, but the majority of the funds for these loans are raised mainly through issuance of 10-year bonds. Therefore, a large duration gap is created between lending and funding, and JFM is exposed to the interest rate risk associated with bond and

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long-term borrowed money refinancing.

JFM has set aside reserves for interest rate fluctuations (the reserve for interest rate volatility), and has set up the ALM Committee separately from the Integrated Risk Management Committee to comprehensively analyze and manage JFM's assets and liabilities in a timely and appropriate manner. At the meeting, medium- and longterm management analysis as well as risk analysis and evaluation are conducted through scenario analysis, VaR analysis, and duration analysis, among other methods. In addition, JFM reflects the findings in its bond issuance plans and other aspects of management and endeavors to reduce interest rate risk.

(c) Risk management for financial instruments

### (i) Credit risk

Financial Section

Credit risk is the risk of loss arising from a credit event, such as deterioration in the financial condition of a borrower, which causes an asset to lose value or become worthless. In addition to credit risk associated with loans, market transactions also involve credit risk.

A. Credit risk on loans

JFM extends loans exclusively to local governments. Local governments have a zero Bank of International Settlements (BIS) risk weighting and JFM does not expect any default on loans made to local governments for the reasons outlined below. JFM and the Predecessor have never experienced any loan losses.

- The Japanese national government includes principal and interest payments of local government bonds and loans in the expenditure of the Local Government Finance Program, and secures the total amount of local allocation tax which balances local governments' total expenditures including principal and interest payments, and total revenue. Thus, the national government effectively secures revenue sources for principal and interest payments by local governments. The national government also secures revenue sources for principal and interest payments by local governments by including a portion of such principal and interest in the Standard Financial Needs when calculating local allocation tax.
- Under the consultation system for local government bonds and loans, credit reviews must include checks on the repayment status of local governments, and tax revenue and necessary revenue sources to be secured. Additionally, under the Early Warning System, the local governments whose principal and interest payments or financial deficits exceed a certain level must apply for approval to issue bonds or obtain loans, so that the credit standing of local government bonds and loans is maintained.
- Under the Law Relating to the Financial Soundness of Local Governments, which was promulgated in June 2007 (Law No. 94), local governments whose fiscal indicators exceed the early warning limits must make their own efforts toward achieving fiscal soundness, and local governments whose fiscal indicators exceed the reconstruction limits must take necessary actions to restore their finances under the supervision of the national government or the respective prefectural governments with regard to redemption of local government bonds and loans, and other operations.
- JFM is not subject to the "Banking Law" (1981, No. 59) or the "Financial Reconstruction Law" (1998, No. 132) but performs self-assessment of loans in accordance with the "Financial Inspection Manual" of the Financial Services Agency (FSA).
- B. Credit risk on transactions

JFM is exposed to the risk of loss arising from credit events, such as deterioration in the financial condition of a counterparty, which causes an asset to lose value or become worthless. However, JFM appropriately manages credit risk of this type by constantly monitoring counterparties' financial standing, taking measures including suspension of new deals and cancellation of transactions in case of a deterioration of their credit standings. Moreover, JFM limits counterparties to financial institutions that achieve a certain credit rating and other criteria, and conducts transactions within the credit lines for each counterparty in order to diversify risks. In addition, JFM enters into ISDA (International Swaps and Derivatives Association) Master Agreements and CSA (Credit Support Annex) with all derivatives counterparties to reduce credit risk.

(ii) Market risk

Market risk is the risk of loss resulting from changes in the value of assets and liabilities due to fluctuations in risk factors such as interest rates, securities prices and foreign exchange rates, or the risk of loss resulting from changes in earnings generated from assets and liabilities. Market risk includes interest rate risk, foreign exchange risk, inflation risk and price change risk.

A. Interest rate risk

Interest rate risk is the risk of losses incurred or a decrease in profits due to fluctuations in interest rates when there is an interest rate or duration gap between assets and liabilities. The interest rate risk at JFM includes the interest rate risk associated with bond and borrowed money refinancing and pipeline risk.

- Interest rate risk associated with bond and borrowed money refinancing

JFM makes loans to local governments. The maximum term to maturity is 40 years, but the majority of the funds for these loans are raised mainly through issuance of 10-year bonds, which creates interest rate risk associated with bond refinancing. JFM takes the following measures to address the interest

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rate risk resulting from a duration gap between lending and funding.

- JFM maintains necessary reserves to cope with the interest rate risk resulting from a duration gap between lending and funding.
- As assets and liabilities in JFM's general account will expand as a result of lending to local governments and funding, JFM carries out an ALM analysis of this account in a timely and appropriate manner to further enhance the effectiveness of its management of interest rate risk. In order to reduce exposure to interest rate risk, JFM has established a medium-term management target for five years from fiscal 2013, in which the duration gap is to be maintained below approximately two years.
- To achieve its objective, JFM has taken measures to decrease the duration gap by issuing longer than 10-year bonds to extend the duration on liabilities while pursuing the best bond conditions with flexible funding operations.
- JFM's lending for temporary financial countermeasures funding accounts for approximately 40% of the
  overall outstanding loans in the general account with the same maturities as loans to other businesses
  with a maximum maturity of 30 years. However, the interest rates for temporary financial countermeasures
  funding are revised every 5 or 10 years. In addition, JFM will revise its lending rate by the 30th year at the
  latest for its loans with maturities longer than 30 years, which also contributes to moderate the duration
  on assets (lending).
- The management account, which manages assets related to loans extended by the Predecessor, is currently exposed to greater interest rate risk than the general account. To address such risk, JFM contributes to the required reserves for interest rate volatility as described above. In accordance with Article 14 of the Supplementary Provisions of the Law, a portion of JFM's reserve for interest rate volatility within the management account is to be transferred to the Japanese national government. The transfer is scheduled to occur over a period of three years from fiscal 2015 through fiscal 2017, with the aim of transferring up to 600 billion yen, and over a period of three years from fiscal 2017 through fiscal 2019, with the aim of transferring up to 800 billion yen as well.
- Pipeline risk

JFM is also exposed to pipeline risk, whereby losses would be incurred or profits decreased as a result of interest rate fluctuations during the time from when JFM raises money until the point at which the money is loaned to local governments. JFM, in principle, uses swap transactions to hedge against pipeline risk.

B. Foreign exchange and other risks

Various risks associated with bond principal and interest payments are hedged by swap transactions. These risks include foreign exchange risk related to foreign currency-denominated bonds and interest rate risk related to floating rate bonds.

JFM's investments of surplus funds are exposed to the risk of losses on the sale of securities resulting from price declines and the risk of realized losses on foreign currency-denominated deposits resulting from fluctuations in foreign exchange rates. Accordingly, in principle, JFM minimizes the risk of price fluctuation by holding investments until maturity, and hedges foreign exchange risk by using foreign exchange contracts.

### C. Quantitative information on market risk

Loans, bonds and long-term borrowed money are primarily affected by interest rate risk, which is a major risk variable among the market risks.

With respect to loans, bonds and long-term borrowed money in the general account, JFM establishes a management target for the duration gap in order to manage interest rate risk appropriately. With regard to the quantitative analysis of interest rate risk, while JFM does not have a management target for the quantitative figures, it reports the results of calculating the quantitative information to the ALM Committee and tracks the status of the interest rate risk.

With respect to these financial instruments in the general account, based on an assumption that the risk variables, except for interest rate risk, hold steady, for an indicative interest rate as of 31 March 2018 that is 10 basis points higher than the actual rate, it is assumed that the fair value of the net amount (assets side), after offsetting such financial instruments with the financial liabilities, would decline by 42,454 million yen (399,793 thousand U.S. dollars). In contract, for an indicative interest rate as of 31 March 2018 that is 10 basis points lower than the actual rate, it is assumed that the fair value of the net amount (assets side), after offsetting such financial instruments with the financial liabilities, would increase by 43,181 million yen (406,639 thousand U.S. dollars). These basis point values are used in the financial statements from fiscal 2017 instead of the outlier ratio in accordance with amendments to guidelines issued by FSA in Japan.

With respect to loans and bonds in the management account, JFM raises funds by the issuance of bonds as necessary in order to manage existing loans until their redemption. For this reason, while JFM reports the calculation results of the quantitative information regarding the interest rate risk to the ALM Committee and confirms the status of interest rate risk as is the case in the general account, JFM does not establish a management target or use the quantitative analysis for the management account.

With respect to these financial instruments in the management account, based on an assumption that the risk variables, except for interest rate risk, hold steady, for an indicative interest rate as of 31 March 2018 that is 10 basis points higher than the actual rate, it is assumed that the fair value of the net amount (assets side), after offsetting such financial instruments with the financial liabilities, would decline by 15,157 million yen (142,735 thousand U.S. dollars). In contract, for an indicative interest rate as of 31 March 2018 that is 10 basis points lower than the actual rate, it is assumed that the fair value of the net amount (assets side), after offsetting such financial instruments with the financial liabilities, would of the net amount (assets side), after offsetting such financial instruments with the financial liabilities, would increase by 15,352 million yen (144,571 thousand U.S. dollars).

### (iii) Liquidity risk

Financial Section

Liquidity risk is the risk that JFM would incur losses due to difficulties in securing the necessary funds or the necessity of obtaining funds at far higher interest rates than under normal conditions as a result of a mismatch between the maturities of assets and liabilities or an unexpected outflow of funds (funding liquidity risk). It also includes the risk that JFM would incur losses because it is unable to conduct market transactions or is forced to conduct transactions at far more unfavorable prices than under normal conditions due to market disruption or other difficult situations (market liquidity risk).

JFM's exposure to liquidity risk is extremely low because loans are made to local governments according to a pre-set schedule, and the daily cash and liquidity management is carried out based on a quarterly plan for fund management. Moreover, JFM has entered into overdraft agreements with several financial institutions to prepare for the unexpected events, and invests surplus funds only in short-term financial products.

In addition, JFM has implemented a plan to secure liquidity support assets in advance in order to prepare for potential market disruption which may prevent JFM from securing the necessary funds for scheduled bond principal and interest payments.

(iv) Supplemental remarks on fair value of financial instruments

In addition to the amount based on the market price, the fair value of illiquid financial instruments includes a value that has been rationally calculated. Since certain assumptions were made when calculating the fair value, the value may differ in the event that the assumptions change.

### (2) Items related to fair value of financial instruments

The book value, fair value and difference between them as of 31 March 2017 are as follows:

			(Millions of yen)
	Book value	Fair value	Difference
(1) Loans	¥23,720,021	¥25,765,279	¥2,045,257
(2) Securities held-to-maturity securities	166,000	166,000	-
(3) Cash and bank deposits	861,226	861,226	-
(4) Cash collateral paid for financial instruments	24,327	24,327	-
Total assets	24,771,575	26,816,832	2,045,257
(1) Bonds	19,955,593	20,859,021	903,427
(2) Borrowed money	170,500	173,095	2,595
(3) Cash collateral received for financial instruments	111,159	111,159	-
Total liabilities	20,237,252	21,143,276	906,023
Derivative transactions Hedge accounting applied	-	-	-
Total of derivative transactions	-	-	-

The book value, fair value and difference between them as of 31 March 2018 are as follows:

			(Millions of yen)
	Book value	Fair value	Difference
(1) Loans	¥23,768,240	¥25,641,198	¥1,872,958
(2) Securities held-to-maturity securities	170,000	170,000	-
(3) Cash and bank deposits	747,767	747,767	-
(4) Cash collateral paid for financial instruments	56,277	56,277	-
Total assets	24,742,285	26,615,243	1,872,958
(1) Bonds	20,284,520	21,100,871	816,350
(2) Borrowed money	159,500	161,601	2,101
(3) Cash collateral received for financial instruments	12,260	12,260	-
Total liabilities	20,456,280	21,274,733	818,452
Derivative transactions Hedge accounting applied	-	-	-
Total of derivative transactions	-	-	-

(Thousands of	U.S.	dollars)
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	Book value	Fair value	Difference
(1) Loans	\$223,827,481	\$241,465,286	\$17,637,805
(2) Securities held-to-maturity securities	1,600,904	1,600,904	-
(3) Cash and bank deposits	7,041,792	7,041,792	-
(4) Cash collateral paid for financial instruments	529,965	529,965	-
Total assets	233,000,142	250,637,947	17,637,805
(1) Bonds	191,021,008	198,708,651	7,687,643
(2) Borrowed money	1,502,025	1,521,815	19,790
(3) Cash collateral received for financial instruments	115,453	115,453	-
Total liabilities	192,638,486	200,345,919	7,707,433
Derivative transactions Hedge accounting applied	-	-	-
Total of derivative transactions	-	-	-

Note 1. Method for calculating fair value of financial instruments and items related to marketable securities and derivative transactions

#### Assets

(1) Loans

The fair value of loans is calculated by discounting future cash flows assuming prepayment at the discount rate calculated using the Japanese government bond rates as of 31 March 2017 and 2018.

(2) Securities

All bonds are held until maturity, and the fair value of treasury discount bills is the market price.

Since all negotiable certificates of deposit are short-term, the fair value approximates the book value. As a result, the book value is deemed to be the fair value.

As of 31 March 2017

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				(Millions of yen)
	Туре	Book value	Fair value	Difference
Securities with fair values exceeding the balance sheet amount	-	-	-	-
	Sub total	-	-	-
Securities with fair values that do not exceed the balance sheet	Negotiable certificates of deposit	¥166,000	¥166,000	-
amount	Sub total	166,000	166,000	-
Total		¥166,000	¥166,000	-

#### As of 31 March 2018

(Millions	of	yen)	

	Туре	Book value	Fair value	Difference
Securities with fair values	-	-	-	-
exceeding the balance sheet amount	Sub total	-	-	-
Securities with fair values that do not exceed the balance sheet	Negotiable certificates of deposit	¥170,000	¥170,000	-
amount	Sub total	170,000	170,000	-
Total	¥170,000	¥170,000	-	

(Thousands of U.S. dollars)

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	Туре	Book value	Fair value	Difference	
Securities with fair values exceeding the balance sheet amount	-	-	-	-	
	Sub total	-	-	-	
Securities with fair values that do not exceed the balance sheet	Negotiable certificates of deposit	\$1,600,904	\$1,600,904	-	
amount	Sub total	1,600,904	1,600,904	-	
Total	\$1,600,904	\$1,600,904	-		

(3) Cash and bank deposits

The book value is used as the fair value for deposits without maturities. Since all deposits with maturities are short-term, the fair value approximates the book value. As a result, the book value is deemed to be the fair value.

(4) Cash collateral paid for financial instruments

Cash collateral is associated with derivative transactions. The book value is used as the fair value of cash collateral paid for financial instruments since both values are approximately equal as a result of each deposit period being short term.

#### Liabilities

#### (1) Bonds

The fair value of bonds issued by JFM that have a market price is based on the market price. The fair value of bonds without a market price is calculated by discounting the future cash flows using the interest rate that would be applied when issuing similar bonds with the same total principal and interest and payment term.

Deferral hedge accounting is used for currency swaps, and the fair value of foreign currency-denominated bonds is thus calculated using the total of the fair value of that bond and the fair value of the swap transaction.

Hedge accounting is used for interest rate swaps, and the fair value of floating rate bonds is thus calculated by determining the present value using the total of the corresponding interest rate swap accounted for together with the principal and interest and discounting the future cash flows using the interest rate that would be applied when issuing a similar bond.

(2) Borrowed money

The fair value of long-term borrowed money is calculated by discounting the future cash flows using the interest rate that would presumably be applied when issuing bonds with the same total principal and interest and payment term.

On the other hand, the book value is used as the fair value of short-term borrowed money since both values are approximately equal as a result of each loan period being short term.

(3) Cash collateral received for financial instruments

Cash collateral is associated with derivative transactions. The book value is used as the fair value of cash collateral received for financial instruments since both values are approximately equal as a result of each deposit period being short term.

#### **Derivative transactions**

Transactions for which hedge accounting is applied

For derivative transactions for which hedge accounting is applied, the contractual amount or the amount equivalent to the principal in the contract under each hedge accounting method as of 31 March 2017 is as follows:

						, ,
Hedge	Type of		Contract	Contract amount		Method for
accounting method	derivative transactions	Primary hedged items		Of which 1 year or more	Fair value	calculating fair value
Principal accounting method	Interest rate swap transactions	Bonds Long-term borrowed money	-	-	-	Based on prices provided by the counterparty financial institution
Hedge accounting for interest rate swaps	Interest rate swap transactions Receive/floating and pay/fixed	Bonds	¥55,000	¥55,000	(*1)	
Deferral hedge accounting for currency swaps	Currency swap transactions	Foreign currency- denominated bonds	1,519,932	1,519,932	(*2)	
Deferral hedge accounting for foreign exchange contracts	Foreign exchange contracts	Foreign currency- denominated deposits	210,000	-	(*2)	
	Total		¥1,784,932	¥1,574,932	-	

(Millions of yen)

Financial Section

For derivative transactions for which hedge accounting is applied, the contractual amount or the amount equivalent to the principal in the contract under each hedge accounting method as of 31 March 2018 is as follows:

						(Millions of yen)
Hedge accounting method	Type of derivative transactions	Primary hedged items	Contract amount Of which 1 year or more		Fair value	Method for calculating fair value
Principal accounting method	Interest rate swap transactions	Bonds Long-term borrowed money	-	-	-	Based on prices provided by the counterparty financial institution
Hedge accounting for interest rate swaps	Interest rate swap transactions Receive/floating and pay/fixed	Bonds	¥35,000	¥35,000	(*1)	
Deferral hedge accounting for currency swaps	Currency swap transactions	Foreign currency- denominated bonds	1,411,742	1,117,763	(*2)	
Deferral hedge accounting for foreign exchange contracts	Foreign exchange contracts	Foreign currency- denominated deposits	140,000	-	(*2)	
	Total		¥1,586,742	¥1,152,763	-	

(Thousands	of	U.S.	dollars)
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				Contract amount		
Hedge accounting method	Type of derivative transactions	Primary hedged items		Of which 1 year or more	Fair value	Method for calculating fair value
Principal accounting method	Interest rate swap transactions	Bonds Long-term borrowed money	-	-	-	Based on prices provided by the counterparty financial institution
Hedge accounting for interest rate swaps	Interest rate swap transactions Receive/floating and pay/fixed	Bonds	\$329,598	\$329,598	(*1)	
Deferral hedge accounting for currency swaps	Currency swap transactions	Foreign currency- denominated bonds	13,294,496	10,526,075	(*2)	
Deferral hedge accounting for foreign exchange contracts	Foreign exchange contracts	Foreign currency- denominated deposits	1,318,392	-	(*2)	
	Total		\$14,942,486	\$10,855,673	-	

(\*1) Since interest rate swaps for which hedge accounting is applied are accounted for together with the bond being hedged, the fair value is presented together with the fair value of the relevant bond.

(\*2) Since currency swaps and foreign exchange contracts for which deferral hedge accounting is applied are accounted for together with the foreign currency-denominated bond or foreign currency-denominated deposit being hedged, the fair value is presented together with the fair value of the relevant hedged item.

Note 2. The repayment schedule for monetary claims and securities with maturities is as follows:

#### As of 31 March 2017

								(Mi	llions of yen)
	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years	After 5 years through 10 years	After 10 years through 20 years	After 20 years through 30 years	After 30 years through 40 years
Loans	¥1,685,559	¥1,713,372	¥1,726,862	¥1,701,612	¥1,643,242	¥6,694,321	¥6,892,616	¥1,646,741	¥15,694
Securities held-to- maturity securities	166,000	-	_	-	-	-	-	-	-
Deposits	861,226	-	-	-	-	-	-	-	-

As of 31 March 2018

								(M	illions of yen)
	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years	After 5 years through 10 years	After 10 years through 20 years	After 20 years through 30 years	After 30 years through 40 years
Loans	¥1,728,937	¥1,758,517	¥1,760,017	¥1,719,241	¥1,642,751	¥6,624,170	¥6,814,112	¥1,694,676	¥25,815
Securities held-to- maturity securities	170,000	-	-	-	-	-	-	-	-
Deposits	747,767	-	-	-	-	-	-	-	-

# (Thousands of U.S. dollars)

							(		
	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years	After 5 years through 10 years	After 10 years through 20 years	After 20 years through 30 years	After 30 years through 40 years
Loans	\$16,281,550	\$16,560,104	\$16,574,227	\$16,190,236	\$15,469,923	\$62,380,361	\$64,169,063	\$15,958,907	\$243,110
Securities held-to- maturity securities	1,600,904	-	-	-	-	-	-	-	-
Deposits	7,041,792	-	-	-	-	-	-	-	-

Note 3. The repayment schedule for bonds and borrowed money is as follows:

#### As of 31 March 2017

Financial Section

A3 01 0	(Millions of ye										
	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years	After 5 years through 10 years	After 10 years through 20 years	After 20 years through 30 years	After 30 years through 40 years		
Bonds	¥1,773,824	¥1,804,268	¥2,058,327	¥1,951,753	¥2,185,072	¥7,459,855	¥2,556,270	¥148,500	¥26,000		
Borrowed money	25,000	80,000	10,000	-	-	55,500	-	-	-		

#### As of 31 March 2018

### (Millions of yen)

	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years	After 5 years through 10 years	After 10 years through 20 years	After 20 years through 30 years	After 30 years through 40 years
Bonds	¥1,804,268	¥2,078,327	¥2,069,865	¥2,345,072	¥2,094,780	¥6,960,448	¥2,736,600	¥175,500	¥26,000
Borrowed money	80,000	10,000	-	1,000	-	68,500	-	-	-

#### (Thousands of U.S. dollars)

	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years	After 5 years through 10 years	After 10 years through 20 years	After 20 years through 30 years	After 30 years through 40 years
Bonds	\$16,990,947	\$19,571,782	\$19,492,091	\$22,083,740	\$19,726,725	\$65,547,115	\$25,770,788	\$1,652,698	\$244,844
Borrowed money	753,367	94,171	-	9,417	-	645,070	-	-	-

# 6. Tangible and Intangible Fixed Assets

Tangible and intangible fixed assets as of 31 March 2017 consisted of the following:

						()	Aillions of yen)
Type of assets	Balance as of 1 April 2016 (Acquisition costs)	Increase during the year	Decrease during the year	Balance as of 31 March 2017 (Acquisition costs)	Accumulated depreciation and amortization as of 31 March 2017	Depreciation and amortization during the year	Balance as of 31 March 2017 (Net book value)
Tangible fixed assets							
Buildings	¥1,181	¥0	-	¥1,182	¥409	¥47	¥773
Land	1,659	-	-	1,659	-	-	1,659
Other tangible fixed assets	395	-	-	395	225	70	169
Total tangible fixed assets	3,236	0	-	3,237	634	118	2,602
Intangible fixed assets							
Software	2,440	273	¥21	2,692	1,219	501	1,472
Other intangible fixed assets	0	4	4	0	-	-	0
Total intangible fixed assets	¥2,440	¥277	¥25	¥2,692	¥1,219	¥501	¥1,473

					0	(N	/lillions of yen)
Type of assets	Balance as of 1 April 2017 (Acquisition costs)	Increase during the year	Decrease during the year	Balance as of 31 March 2018 (Acquisition costs)	Accumulated depreciation and amortization as of 31 March 2018	Depreciation and amortization during the year	Balance as of 31 March 2018 (Net book value)
Tangible fixed assets							
Buildings	¥1,182	¥2	-	¥1,185	¥442	¥33	¥742
Land	1,659	-	-	1,659	-	-	1,659
Other tangible fixed assets	395	48	¥4	439	292	71	147
Total tangible fixed assets	3,237	51	4	3,284	735	105	2,549
Intangible fixed assets Software	2,692	261 79	23	2,930	1,750	554	1,180
Other intangible fixed assets	0	/9	48	31	-	-	31
Total intangible fixed assets	¥2,692	¥341	¥71	¥2,962	¥1,750	¥554	¥1,211

#### Tangible and intangible fixed assets as of 31 March 2018 consisted of the following:

# ,

						(Thousands o	of U.S. dollars)
Type of assets	Balance as of 1 April 2017 (Acquisition costs)	Increase during the year	Decrease during the year	Balance as of 31 March 2018 (Acquisition costs)	Accumulated depreciation and amortization as of 31 March 2018	Depreciation and amortization during the year	Balance as of 31 March 2018 (Net book value)
Tangible fixed assets							
Buildings	\$11,135	\$26	-	\$11,161	\$4,170	\$316	\$6,990
Land	15,630	-	-	15,630	-	-	15,630
Other tangible fixed assets	3,721	460	\$40	4,141	2,753	672	1,388
Total tangible fixed assets	30,486	486	40	30,932	6,923	988	24,009
Intangible fixed assets							
Software	25,359	2,461	225	27,595	16,483	5,220	11,112
Other intangible fixed assets	1	751	452	300	-	-	300
Total intangible fixed assets	\$25,360	\$3,212	\$677	\$27,895	\$16,483	\$5,220	\$11,412

### 7. Assets Pledged as Collateral

Pursuant to the provisions of Article 40, Section 2 of the Law, JFM's total assets are pledged as general collateral for JFM bonds in the amount of 19,955,593 million yen and 20,284,520 million yen (191,021,008 thousand U.S. dollars) as of 31 March 2017 and 2018, respectively.

# 8. Bonds

Financial Section

Bonds as of 31 March 2017 consisted of the following:

Bonds as of 31 March 2017 consisted of the	lonowing.			(Milli	ons of yen)
Type of bond	Date of issue	Balance as of 1 April 2016	Balance as of 31 March 2017	Coupon rate (%)	Maturity
Government-guaranteed bonds issued by JFM (domestic) 10-year bonds (Series 1-94)	6/15/2009- 3/15/2017	¥3,945,290	¥4,186,197	0.005 to 1.500	10Y
Government-guaranteed bonds issued by JFM (domestic) 8-year bonds (Series 1-7)	9/26/2013- 2/24/2017	300,000	420,100	0.001 to 0.576	8Y
Government-guaranteed bonds issued by JFM (domestic) 6-year bonds (Series 1-20)	9/27/2011- 10/28/2016	1,129,991	1,330,732 (200,000)	0.001 to 0.400	6Y
Government-guaranteed bonds issued by JFM (domestic) 4-year bonds (Series 1-7)	5/28/2012- 6/30/2016	330,000	150,126 (110,000)	0.001 to 0.249	4Y
Government-guaranteed bonds issued by JFM (international) Global U.S. dollar bonds (Series 1)	1/13/2011	83,170	83,170 [USD 1,000 million]	4.0	10Y
Non-guaranteed bonds issued by JFM (domestic) 2-year bonds (Series 2-3)	3/20/2015- 2/19/2016	50,000	25,000 (25,000)	0.030 to 0.100	2Y
Non-guaranteed bonds issued by JFM (domestic) 3-year bonds (Series 1)	8/19/2013	20,000	-	0.170	3Y
Non-guaranteed bonds issued by JFM (domestic) 5-year bonds (Series 5-20)	5/26/2011- 10/21/2016	235,000	190,000 (60,000)	0.001 to 0.510	5Y
Non-guaranteed bonds issued by JFM (domestic) 7-year bonds (Series 1)	8/20/2012	20,000	20,000	0.446	7Y
Non-guaranteed bonds issued by JFM (domestic) 10-year bonds (Series 1-94)	6/18/2009- 3/21/2017	2,515,000	2,755,000	0.060 to 1.648	10Y
Non-guaranteed bonds issued by JFM (domestic) 15-year bonds (Series 1-3)	1/31/2013- 1/22/2014	50,000	50,000	1.161 to 1.334	15Y
Non-guaranteed bonds issued by JFM (domestic) 20-year bonds (Series 1-58)	6/25/2009- 3/21/2017	1,065,000	1,195,000	0.180 to 2.266	20Y
Non-guaranteed bonds issued by JFM (domestic) 30-year bonds (Series 1-3)	6/26/2014- 10/21/2016	15,000	35,000	0.569 to 1.864	30Y
Non-guaranteed bonds issued by JFM (domestic) FLIP bonds (Series F1-F20, F22- F31, F33-F39, F41-F52, F54-F210, F212-F243, F245-F354)	7/22/2009- 1/27/2017	1,819,772	2,029,401 (62,000)	0.001 to 2.334	2Y to 40Y
Non-guaranteed bonds issued by JFM (domestic) FLIP bonds (Floater, Series F53, F211, F244)	2/1/2011- 7/25/2014	35,000	35,000	Floating rate	9Y to 30Y
Non-guaranteed bonds issued by JFM (international) (Series 2, 3, 7, 14-16, 19, 28, 31, 33-35, 40-56)	1/12/2012- 1/30/2017	943,766	1,211,337 [USD 9,781 million] [AUD 566 million] [NZD 105 million] [EUR 1,000 million] (188,136)	0.875 to 5.092	3Y to 10Y
Non-guaranteed bonds issued by JFM (international) (Floater, Series 1, 4-6, 8-13, 17, 18, 20-27, 29, 30, 32, 36, 38, 39)	1/17/2012- 7/22/2013	125,073	74,465 [USD 757 million] [AUD 100 million] (34,088)	Floating rate	5Y to 7Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series A1-A86)	7/31/2009- 3/28/2017	2,180,000	2,330,000	0.069 to 1.53	10Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series B1-B17)	11/24/2015- 3/28/2017	34,000	75,500	0.069 to 0.511	10Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series C1-C17)	11/24/2015- 3/28/2017	51,500	134,000	0.190 to 1.154	20Y

Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series D1-D12)	4/21/2016- 3/28/2017	-	150,000	0.190 to 0.778	20Y
Bonds issued by JFM - Sub-total	-	14,947,564	16,480,031 (679,224)	-	-
Government-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) 10-year bonds (Series 1-8)	10/16/2008- 5/25/2009	561,735	562,010	1.3 to 1.6	10Y
Non-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) 10-year bonds (Series 1-4)	11/25/2008- 5/28/2009	139,986	139,991	1.59 to 1.77	10Y
Non-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) 20-year bonds (Series 1, 2)	1/26/2009- 4/30/2009	84,961	84,964	2.07 to 2.29	20Y
Non-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) Private placements with pension funds for local government officials (Series A1, A2)	4/30/2009- 5/26/2009	120,000	120,000	1.69 to 1.73	10Y
Bonds issued by Japan Finance Organization for Municipal Enterprises - Sub-total	-	906,684	906,967	-	-
Government-guaranteed bonds issued by the Predecessor (domestic) 10-year bonds (Series 862-886)	4/20/2006- 6/19/2008	1,469,826	808,536 (587,650)	1.4 to 2.0	10Y
Government-guaranteed bonds issued by the Predecessor (domestic) 15-year bonds (Series 1-5)	6/22/2005- 7/18/2007	184,771	184,793	1.6 to 2.2	15Y
Government-guaranteed bonds issued by the Predecessor (international) Euro-sterling bonds (Series 4), Global-yen bonds (Series 5), etc.	8/9/1999- 6/25/2008	343,017	223,122 [GBP 150 million] [USD 1,000 million] (119,780)	1.9 to 5.75	10Y to 20Y
Non-guaranteed bonds issued by the Predecessor (domestic) 10-year bonds (Series 20-30)	7/4/2006- 6/16/2008	399,985	159,997 (110,000)	1.77 to 2.07	10Y
Non-guaranteed bonds issued by the Predecessor (domestic) 20-year bonds (Series 1-25)	7/30/2002- 6/16/2008	569,760	569,784	1.03 to 2.58	20Y
Non-guaranteed bonds issued by the Predecessor (domestic) 30-year bonds (Series 1-10)	1/29/2004- 9/20/2006	189,885	189,891	2.39 to 2.95	30Y
Non-guaranteed bonds issued by the Predecessor (domestic) Floating rate bonds (Series 1)	10/31/2002	20,000	20,000 (20,000)	Floating rate	15Y
Non-guaranteed bonds issued by the Predecessor (domestic) Bonds with scheduled repayment (Series 1-3)	2/14/2003- 6/9/2004	32,640	30,470 (2,170)	1.39 to 2.01	28Y
Non-guaranteed bonds issued by the Predecessor (domestic) CMS-linked floating rate bonds (Series 1)	9/13/2006	20,000		Floating rate	10Y
Non-guaranteed bonds issued by the Predecessor (domestic) Private placements with pension funds for local government officials (Series Special No.1-20–No.1-31)	7/26/2006- 7/31/2008	715,500	382,000 (255,000)	1.59 to 2.18	10Y
Bonds issued by the Predecessor - Sub-total	-	3,945,385	2,568,595 (1,094,600)	-	-
Total	-	¥19,799,634	¥19,955,593 (1,773,824)	-	-

Notes: 1. Pursuant to the provisions of Article 40, Section 2 of the Law, JFM's total assets are pledged as general collateral for JFM bonds in the amount of 19,955,593 million yen (178,095,438 thousand U.S. dollars) as of 31 March 2017.

2. Amounts in square brackets under "Balance as of 31 March 2017" for "Government-guaranteed bonds

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issued by JFM (international)—Global U.S. dollar bonds (Series 1)," "Non-guaranteed bonds issued by JFM (international)— (Series 2, 3, 7, 14-16, 19, 28, 31, 33-35, 40-56)," "Non-guaranteed bonds issued by JFM (international)— (Floater, Series 1, 4-6, 8-13, 17, 18, 20-27, 29, 30, 32, 36, 38, 39)" and "Government-guaranteed bonds issued by the Predecessor (international)—Euro-sterling bonds (Series 4), Global-yen bonds (Series 5), etc." are denominated in foreign currencies.

(Millions of yos)

- 3. Amounts in parentheses under "Balance as of 31 March 2017" are to be repaid within one year.
- 4. Annual schedule of redemption within five years after the fiscal year-end:

Bonds as of 31 March 2018 consisted of the following:

				(Milli	ons of yen)
Type of bond	Date of issue	Balance as of 1 April 2016	Balance as of 31 March 2017	Coupon rate (%)	Maturity
Government-guaranteed bonds issued by JFM (domestic) 10-year bonds (Series 1-106)	6/15/2009- 3/14/2018	¥4,186,197	¥4,792,105	0.005 to 1.500	10Y
Government-guaranteed bonds issued by JFM (domestic) 8-year bonds (Series 1-7)	9/26/2013- 2/24/2017	420,100	420,086	0.001 to 0.576	8Y
Government-guaranteed bonds issued by JFM (domestic) 6-year bonds (Series 1-20)	9/27/2011- 10/28/2016	1,330,732	1,130,594 (320,000)	0.001 to 0.400	6Y
Government-guaranteed bonds issued by JFM (domestic) 4-year bonds (Series 5-10)	6/24/2013- 2/26/2018	150,126	200,336	0.001 to 0.249	4Y
Government-guaranteed bonds issued by JFM (international) Global U.S. dollar bonds (Series 1)	1/13/2011	83,170	83,170 [USD 1,000 million]	4	10Y
Non-guaranteed bonds issued by JFM (domestic) 2-year bonds (Series 3)	2/19/2016	25,000	-	0.03	2Y
Non-guaranteed bonds issued by JFM (domestic) 5-year bonds (Series 9-22)	4/19/2012- 10/20/2017	190,000	160,000 (45,000)	0.001 to 0.360	5Y
Non-guaranteed bonds issued by JFM (domestic) 7-year bonds (Series 1)	8/20/2012	20,000	20,000	0.446	7Y
Non-guaranteed bonds issued by JFM (domestic) 10-year bonds (Series 1-106)	6/18/2009- 3/19/2018	2,755,000	2,970,000	0.06 to 1.648	10Y
Non-guaranteed bonds issued by JFM (domestic) 15-year bonds (Series 1-3)	1/31/2013- 1/22/2014	50,000	50,000	1.161 to 1.334	15Y
Non-guaranteed bonds issued by JFM (domestic) 20-year bonds (Series 1-65)	6/25/2009- 1/26/2018	1,195,000	1,295,000	0.18 to 2.266	20Y
Non-guaranteed bonds issued by JFM (domestic) 30-year bonds (Series 1-5)	6/26/2014- 10/20/2017	35,000	55,000	0.569 to 1.864	30Y
Non-guaranteed bonds issued by JFM (domestic) FLIP bonds (Series F1-F6, F8-F20, F22-F29,F31, F33-F37, F39, F41-F52, F54-F153, F155-F164, F166-F169, F171-F210, F212-F243, F245-F401)	7/22/2009- 2/27/2018	2,029,401	2,206,530 (167,500)	0.001 to 2.334	2Y to 40Y
Non-guaranteed bonds issued by JFM (domestic) FLIP bonds (Floater, Series F53, F211, F244)	2/1/2011- 7/25/2014	35,000	35,000	Floating rate	9Y to 30Y
Non-guaranteed bonds issued by JFM (international) (Series 15, 31, 33-35, 40-62)	3/1/2012- 1/30/2018	1,211,337	1,257,266 [USD 9,825 million] [AUD 516 million] [NZD 58 million] [EUR 1,000 million] (273,832)	0.875 to 5.092	3Y to 10Y
Non-guaranteed bonds issued by JFM (international) (Floater, Series 29, 30, 32, 36, 38, 39)	5/22/2012- 7/22/2013	74,465	40,376 [USD 330 million] [AUD 100 million] (20,146)	Floating rate	5Y to 7Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series A1-A98)	7/31/2009- 3/26/2018	2,330,000	2,480,000	0.069 to 1.53	10Y

Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series B1-B29)	11/24/2015- 3/26/2018	75,500	159,000	0.069 to 0.511	10Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series C1-C29)	11/24/2015- 3/26/2018	134,000	248,500	0.19 to 1.154	20Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series D1-D24)	4/21/2016- 3/26/2018	150,000	300,000	0.19 to 0.778	20Y
Bonds issued by JFM - Sub-total	-	16,480,031	17,902,966 (826,478)	-	-
Government-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) 10-year bonds (Series 1-8)	10/16/2008- 5/25/2009	562,010	562,285 (422,500)	1.3 to 1.6	10Y
Non-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) 10-year bonds (Series 1-4)	11/25/2008- 5/28/2009	139,991	139,996 (80,000)	1.59 to 1.77	10Y
Non-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) 20-year bonds (Series 1, 2)	1/26/2009- 4/30/2009	84,964	84,967	2.07 to 2.29	20Y
Non-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) Private placements with pension funds for local government officials (Series A1, A2)	4/30/2009- 5/26/2009	120,000	120,000	1.69 to 1.73	10Y
Bonds issued by Japan Finance Organization for Municipal Enterprises - Sub-total	-	906,967	907,249 (502,500)	-	-
Government-guaranteed bonds issued by the Predecessor (domestic) 10-year bonds (Series 874-886)	4/19/2007- 6/19/2008	808,536	221,115 (221,120)	1.4 to 1.9	10Y
Government-guaranteed bonds issued by the Predecessor (domestic) 15-year bonds (Series 1-5)	6/22/2005- 7/18/2007	184,793	184,815	1.6 to 2.2	15Y
Government-guaranteed bonds issued by the Predecessor (international) Euro-sterling bonds (Series 4), Global-yen bonds (Series 5), etc.	8/9/1999- 6/25/2008	223,122	103,366 [GBP 150 million] [USD 1,000 million] (75,000)	1.9 to 5.75	10Y to 20Y
Non-guaranteed bonds issued by the Predecessor (domestic) 10-year bonds (Series 27-30)	7/30/2007- 6/16/2008	159,997	49,999 (50,000)	1.77 to 2.02	10Y
Non-guaranteed bonds issued by the Predecessor (domestic) 20-year bonds (Series 1-25)	7/30/2002- 6/16/2008	569,784	569,809	1.03 to 2.58	20Y
Non-guaranteed bonds issued by the Predecessor (domestic) 30-year bonds (Series 1-10)	1/29/2004- 9/20/2006	189,891	189,897	2.39 to 2.95	30Y
Non-guaranteed bonds issued by the Predecessor (domestic) Floating rate bonds (Series 1)	10/31/2002	20,000	-	Floating rate	15Y
Non-guaranteed bonds issued by the Predecessor (domestic) Bonds with scheduled repayment (Series 1-3)	2/14/2003- 6/9/2004	30,470	28,300 (2,170)	1.39 to 2.01	28Y
Non-guaranteed bonds issued by the Predecessor (domestic) Private placements with pension funds for local government officials (Series Special No.1-24–No.1-31)	5/28/2007- 7/31/2008	382,000	127,000 (127,000)	1.59 to 2.03	10Y
Bonds issued by the Predecessor - Sub-total	-	2,568,595	1,474,304 (475,290)	-	-
Total	-	¥19,955,593	¥20,284,520 (1,804,268)	-	-

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(Thousands of U.S.					
Type of bond	Date of issue	Balance as of 1 April 2016	Balance as of 31 March 2017	Coupon rate (%)	Maturity
Government-guaranteed bonds issued by JFM (domestic) 10-year bonds (Series 1-106)	6/15/2009- 3/14/2018	\$39,421,769	\$45,127,651	0.005 to 1.500	10Y
Government-guaranteed bonds issued by JFM (domestic) 8-year bonds (Series 1-7)	9/26/2013- 2/24/2017	3,956,118	3,955,990	0.001 to 0.576	8Y
Government-guaranteed bonds issued by JFM (domestic) 6-year bonds (Series 1-20)	9/27/2011- 10/28/2016	12,531,621	10,646,905 (3,013,467)	0.001 to 0.400	6Y
Government-guaranteed bonds issued by JFM (domestic) 4-year bonds (Series 5-10)	6/24/2013- 2/26/2018	1,413,755	1,886,583	0.001 to 0.249	4Y
Government-guaranteed bonds issued by JFM (international) Global U.S. dollar bonds (Series 1)	1/13/2011	783,219	783,219 [USD 1,000 million]	4	10Y
Non-guaranteed bonds issued by JFM (domestic) 2-year bonds (Series 3)	2/19/2016	235,427	-	0.03	2Y
Non-guaranteed bonds issued by JFM (domestic) 5-year bonds (Series 9-22)	4/19/2012- 10/20/2017	1,789,246	1,506,733 (423,769)	0.001 to 0.360	5Y
Non-guaranteed bonds issued by JFM (domestic) 7-year bonds (Series 1)	8/20/2012	188,342	188,342	0.446	7Y
Non-guaranteed bonds issued by JFM (domestic) 10-year bonds (Series 1-106)	6/18/2009- 3/19/2018	25,944,063	27,968,735	0.06 to 1.648	10Y
Non-guaranteed bonds issued by JFM (domestic) 15-year bonds (Series 1-3)	1/31/2013- 1/22/2014	470,854	470,854	1.161 to 1.334	15Y
Non-guaranteed bonds issued by JFM (domestic) 20-year bonds (Series 1-65)	6/25/2009- 1/26/2018	11,253,414	12,195,122	0.18 to 2.266	20Y
Non-guaranteed bonds issued by JFM (domestic) 30-year bonds (Series 1-5)	6/26/2014- 10/20/2017	329,598	517,939	0.569 to 1.864	30Y
Non-guaranteed bonds issued by JFM (domestic) FLIP bonds (Series F1-F6, F8-F20, F22-F29,F31, F33-F37, F39, F41-F52, F54-F153, F155-F164, F166-F169, F171-F210, F212-F243, F245-F401)	7/22/2009- 2/27/2018	19,111,040	20,779,083 (1,577,361)	0.001 to 2.334	2Y to 40Y
Non-guaranteed bonds issued by JFM (domestic) FLIP bonds (Floater, Series F53, F211, F244)	2/1/2011- 7/25/2014	329,598	329,598	Floating rate	9Y to 30Y
Non-guaranteed bonds issued by JFM (international) (Series 15, 31, 33-35, 40-62)	3/1/2012- 1/30/2018	11,407,264	11,839,779 [USD 9,825 million] [AUD 516 million] [NZD 58 million] [EUR 1,000 million] (2,578,703)	0.875 to 5.092	3Y to 10Y
Non-guaranteed bonds issued by JFM (international) (Floater, Series 29, 30, 32, 36, 38, 39)	5/22/2012- 7/22/2013	701,243	380,231 [USD 330 million] [AUD 100 million] (189,718)	Floating rate	5Y to 7Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series A1-A98)	7/31/2009- 3/26/2018	21,941,802	23,354,365	0.069 to 1.53	10Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series B1-B29)	11/24/2015- 3/26/2018	710,990	1,497,316	0.069 to 0.511	10Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series C1-C29)	11/24/2015- 3/26/2018	1,261,889	2,340,145	0.19 to 1.154	20Y
Non-guaranteed bonds issued by JFM (domestic) Private placements with pension funds for local government officials (Series D1-D24)	4/21/2016- 3/26/2018	1,412,562	2,825,125	0.19 to 0.778	20Y
Bonds issued by JFM - Sub-total	-	155,193,814	168,593,715 (7,783,018)	-	-

Government-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) 10-year bonds (Series 1-8)	10/16/2008- 5/25/2009	5,292,501	5,295,088 (3,978,717)	1.3 to 1.6	10Y
Non-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) 10-year bonds (Series 1-4)	11/25/2008- 5/28/2009	1,318,314	1,318,360 (753,367)	1.59 to 1.77	10Y
Non-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) 20-year bonds (Series 1, 2)	1/26/2009- 4/30/2009	800,120	800,148	2.07 to 2.29	20Y
Non-guaranteed bonds issued by Japan Finance Organization for Municipal Enterprises (domestic) Private placements with pension funds for local government officials (Series A1, A2)	4/30/2009- 5/26/2009	1,130,050	1,130,050	1.69 to 1.73	10Y
Bonds issued by Japan Finance Organization for Municipal Enterprises - Sub-total	-	8,540,985	8,543,646 (4,732,084)	-	-
Government-guaranteed bonds issued by the Predecessor (domestic) 10-year bonds (Series 874-886)	4/19/2007- 6/19/2008	7,614,054	2,082,262 (2,082,306)	1.4 to 1.9	10Y
Government-guaranteed bonds issued by the Predecessor (domestic) 15-year bonds (Series 1-5)	6/22/2005- 7/18/2007	1,740,217	1,740,427	1.6 to 2.2	15Y
Government-guaranteed bonds issued by the Predecessor (international) Euro-sterling bonds (Series 4), Global-yen bonds (Series 5), etc.	8/9/1999- 6/25/2008	2,101,159	973,408 [GBP 150 million] (706,281)	1.9 to 5.75	10Y to 20Y
Non-guaranteed bonds issued by the Predecessor (domestic) 10-year bonds (Series 27-30)	7/30/2007- 6/16/2008	1,506,706	470,853 (470,854)	1.77 to 2.02	10Y
Non-guaranteed bonds issued by the Predecessor (domestic) 20-year bonds (Series 1-25)	7/30/2002- 6/16/2008	5,365,711	5,365,944	1.03 to 2.58	20Y
Non-guaranteed bonds issued by the Predecessor (domestic) 30-year bonds (Series 1-10)	1/29/2004- 9/20/2006	1,788,223	1,788,281	2.39 to 2.95	30Y
Non-guaranteed bonds issued by the Predecessor (domestic) Floating rate bonds (Series 1)	10/31/2002	188,342	-	Floating rate	15Y
Non-guaranteed bonds issued by the Predecessor (domestic) Bonds with scheduled repayment (Series 1-3)	2/14/2003- 6/9/2004	286,939	266,503 (20,435)	1.39 to 2.01	28Y
Non-guaranteed bonds issued by the Predecessor (domestic) Private placements with pension funds for local government officials (Series Special No.1-24–No.1-31)	5/28/2007- 7/31/2008	3,597,326	1,195,969 (1,195,969)	1.59 to 2.03	10Y
Bonds issued by the Predecessor - Sub-total	-	24,188,677	13,883,647 (4,475,845)	-	-
Total	-	\$187,923,476	\$191,021,008 (16,990,947)	-	-

- Notes: 1. Pursuant to the provisions of Article 40, Section 2 of the Law, JFM's total assets are pledged as general collateral for JFM bonds in the amount of 20,284,520 million yen (191,021,008 thousand U.S. dollars) as of 31 March 2018.
  - 2. Amounts in square brackets under "Balance as of 31 March 2018" for "Government-guaranteed bonds issued by JFM (international)—Global U.S. dollar bonds (Series 1)," "Non-guaranteed bonds issued by JFM (international)— (Series 15, 31, 33-35, 40-62)," "Non-guaranteed bonds issued by JFM (international)— (Floater, Series 29, 30, 32, 36, 38, 39)" and "Government-guaranteed bonds issued by the Predecessor (international)— Euro-sterling bonds (Series 4), Global-yen bonds (Series 5), etc." are denominated in foreign currencies.
  - 3. Amounts in parentheses under "Balance as of 31 March 2018" are to be repaid within one year.

4. Annual schedule of redemption within five years after the fiscal year-end:

As of 31 March 2017

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(Million							
	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years		
Bonds	¥1,773,824	¥1,804,268	¥2,058,327	¥1,951,753	¥2,185,072		

As of 31 March 2018

ASUISTIN	Viarch 2018			(Millions of yen)	
	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years
Bonds	¥1,804,268	¥2,078,327	¥2,069,865	¥2,345,072	¥2,094,780

(Thousands of U.S. dollars)

	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years
Bonds	\$16,990,947	\$19,571,782	\$19,492,091	\$22,083,740	\$19,726,725

# 9. Borrowed Money

Borrowed money as of 31 March 2017 consisted of the following:

				(Millions of yen)
Classification of borrowed money	Balance as of 1 April 2016	Balance as of 31 March 2017	Average interest rate (%)	Repayment date
Short-term borrowed money	-	-	-	-
Long-term borrowed money (repayment within 1 year)	-	¥25,000	0.114	9/19/2017
Long-term borrowed money (excluding repayment within 1 year)	¥120,500	¥145,500	0.550	9/26/2018- 2/27/2026
Total	¥120,500	¥170,500	-	-

Borrowed money as of 31 March 2018 consisted of the following:

				(Millions of yen)
Classification of borrowed money	Balance as of Balance as of 1 April 2017 31 March 2018		Average interest rate (%)	Repayment date
Short-term borrowed money	-	-	-	-
Long-term borrowed money (repayment within 1 year)	¥25,000	¥80,000	0.456	9/26/2018- 3/26/2019
Long-term borrowed money (excluding repayment within 1 year)	145,500	79,500	0.541	3/9/2020- 3/27/2028
Total	¥170,500	¥159,500	-	-

# (Thousands of U.S. dollars)

Classification of borrowed money	Balance as of 1 April 2017	Balance as of 31 March 2018	Average interest rate (%)	Repayment date
Short-term borrowed money	-	-	-	-
Long-term borrowed money (repayment within 1 year)	\$235,427	\$753,367	0.456	9/26/2018- 3/26/2019
Long-term borrowed money (excluding repayment within 1 year)	1,370,186	748,658	0.541	3/9/2020- 3/27/2028
Total	\$1,605,613	\$1,502,025	-	-

- Notes: 1. Average interest rates are calculated by dividing the total amount of interest paid by the total amount of principal multiplied by repayment years.
  - 2. Annual schedule of repayments within five years after the fiscal year-end:

As of 31 March 2017

	(Millions of yen)				
	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years
Borrowed money	¥25,000	¥80,000	¥10,000	¥-	¥-

As of 31 March 2017

					(Millions of yen)
	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years
Borrowed money	¥80,000	¥10,000	¥-	¥1,000	¥-

### (Thousands of U.S. dollars)

	Within 1 year	After 1 year through 2 years	After 2 years through 3 years	After 3 years through 4 years	After 4 years through 5 years
Borrowed money	\$753,367	\$94,171	\$-	\$9,417	\$-

### 10. Reserves

Reserves as of 31 March 2017 consisted of the following:

					(Millions of yen)		
	Balance		Decrease dı	Decrease during the year			
Classification of reserve	as of 1 April 2016	during the year	Intended purpose	Other	as of 31 March 2017		
Reserve for bonuses	¥52	¥55	¥52	¥-	¥55		
Reserve for bonuses for directors and corporate auditors	7	8	7	-	8		
Reserve for retirement benefits	33	19	0	8	45		
Reserve for retirement benefits for directors and corporate auditors	9	10	-	1	17		

Reserves as of 31 March 2018 consisted of the following:

					(Millions of yen)
Classification of reserve	Balance	Increase	Decrease dı	Balance as of	
	as of 1 April 2017	during the year	Intended purpose	Other	31 March 2018
Reserve for bonuses	¥55	¥57	¥55	¥-	¥57
Reserve for bonuses for directors and corporate auditors	8	8	8	-	8
Reserve for retirement benefits	45	12	2	8	47
Reserve for retirement benefits for directors and corporate auditors	17	7	-	1	24

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(	Thousands	of	115	dollare	١
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Classification of reserve	Balance	Increase	Decrease du	Balance as of	
	as of 1 April 2017	during the year	Intended purpose	Other	31 March 2018
Reserve for bonuses	\$519	\$542	\$519	\$-	\$542
Reserve for bonuses for directors and corporate auditors	76	77	76	-	77
Reserve for retirement benefits	426	119	20	76	449
Reserve for retirement benefits for directors and corporate auditors	169	72	-	14	227

#### 11. Reserve for Interest Rate Volatility

Reserve for interest rate volatility as of 31 March 2017 consisted of the following:

						(Millions of yen)
	Balance Increase du		ring the year	Decrease during the year		Balance as of
Classification of reserve	1 April 2016		Amount provided		Amount withdrawn	31 March 2017
Reserve for interest rate volatility	¥1,760,000	¥220,000	¥220,000	¥-		¥1,980,000
Management account reserve for interest rate volatility	1,638,462	139,658		420,000	¥220,000	1,358,120
Total	¥3,398,462	¥359,658	¥220,000	¥420,000	¥220,000	¥3,338,120

Reserve for interest rate volatility as of 31 March 2018 consisted of the following:

						(Millions of yen)
	Balance Increase durir		ring the year	Decrease during the year		Balance as of
Classification of reserve	1 April 2017		Amount provided		Amount withdrawn	31 March 2018
Reserve for interest rate volatility	¥1,980,000	¥220,000	¥220,000	¥-		¥2,200,000
Management account reserve for interest rate volatility	1,358,120	132,332		620,000	¥220,000	870,453
Total	¥3,338,120	¥352,332	¥220,000	¥620,000	¥220,000	¥3,070,453

#### (Thousands of U.S. dollars)

Classification of reserve	Balance as of 1 April 2017	Increase du	ring the year Amount provided	Decrease du	ring the year Amount withdrawn	Balance as of 31 March 2018	
Reserve for interest rate volatility	\$18,645,824	\$2,071,758	\$2,071,758	\$-		\$20,717,582	
Management account reserve for interest rate volatility	12,789,537	1,246,183		5,838,591	2,071,758	8,197,129	
Total	\$31,435,361	\$3,317,941	\$2,071,758	\$5,838,591	\$2,071,758	\$28,914,711	

Notes: The "decrease during the year" for the "management account reserve for interest rate volatility" in the amount of 620,000 million yen (5,838,591thousand U.S. dollars) partly consists of 400,000 million yen (3,766,833 thousand U.S. dollars) of the payment to the national treasury in accordance with an ordinance pursuant to Article 14 of the Supplementary Provisions of the Law for fiscal 2017 (Ordinance No. 1 of the Ministry of Internal Affairs and Communications, and the Ministry of Finance, 2017).

### 12. Fund for Lending Rate Reduction

Fund for lending rate reduction as of 31 March 2017 consisted of the following:

						(Millions of yen)
Classification of fund	Balance Increase during the year		Decrease du	Balance as of		
	1 April 2016	Amount of reserve	Amount transferred	Amount withdrawn	Others	as of 31 March 2017
Basic fund for lending rate reduction	¥920,287	¥3,557	¥-	¥3,557	¥-	¥920,287
Total	¥920,287	¥3,557	¥-	¥3,557	¥-	¥920,287

#### Fund for lending rate reduction as of 31 March 2018 consisted of the following:

						(Millions of yen)
	Balance Increase during the year		Decrease du	Balance		
Classification of fund	as of 1 April 2016	Amount of reserve	Amount transferred	Amount withdrawn	Others	as of 31 March 2017
Basic fund for lending rate reduction	¥920,287	¥4,011	¥-	¥4,011	¥-	¥920,287
Total	¥920,287	¥4,011	¥-	¥4,011	¥-	¥920,287

### (Thousands of U.S. dollars)

Balance as of		Increase during the year		Decrease du	Balance as of	
Classification of fund	1 April 2016	Amount of reserve	Amount transferred	Amount withdrawn	Others	31 March 2017
Basic fund for lending rate reduction	\$8,666,424	\$37,778	\$-	\$37,778	\$-	\$8,666,424
Total	\$8,666,424	\$37,778	\$-	\$37,778	\$-	\$8,666,424

Notes: 1. The "amount of reserve" in the "increase during the year" for the "basic fund for lending rate reduction" represents the payment of the amount stipulated in Article 46, Section 1 of the Law and received in accordance with Article 46, Section 2 of the Law.

2. The "amount withdrawn" in the "decrease during the year" for the "basic fund for lending rate reduction" represents the payment of the amount reduced in the fund for interest rate reduction pursuant to the provisions of Article 46, Section 6 of the Law.

#### 13. Reserve for Retirement Benefits

- As of and for the year ended 31 March 2017
- (1) Outline of retirement benefits system

JFM has a defined benefit plan that contributes to the Corporate Pension Fund and offers lump-sum payments upon retirement of employees and a defined contribution plan. The reserve for retirement benefits and pension expenses are calculated using the simplified method.

(2) Defined benefit plan

Financial Section

(a) Reconciliation of outstanding amounts of reserve for retirement benefits:

Reserve for retirement benefits at the beginning of the fiscal ye	ar: 33 million yen
Pension expenses:	19 million yen
Employee retirement benefits paid:	0 million yen
Contributions to the defined benefit plan:	8 million yen
Reserve for retirement benefits at the end of the fiscal year:	45 million yen

(b) Retirement benefit obligation, plan assets, and reconciliation of retirement benefit asset and liability

Funded retirement benefit obligation:	298 million yen
Plan assets:	(288) million yen
Balance:	10 million yen
Unfunded retirement benefit obligation:	35 million yen
Net liability for retirement benefits in the balance sheet:	45 million yen
Reserve for retirement benefits at the end of the fiscal year:	45 million yen
Net liability for retirement benefits in the balance sheet:	45 million yen

(c) Profit and loss associated with employee retirement benefits Pension expenses calculated based on the simplified method: 19 million yen

As of and for the year ended 31 March 2018

(1) Outline of retirement benefits system

JFM has a defined benefit plan that contributes to the Corporate Pension Fund and offers lump-sum payments upon retirement of employees and a defined contribution plan. The reserve for retirement benefits and pension expenses are calculated using the simplified method.

(2) Defined benefit plan

(a) Reconciliation of outstanding amounts of reserve for retirement benefits:

ar: 45 million yen	(426 thousand U.S. dollars)
12 million yen	(119 thousand U.S. dollars)
2 million yen	(20 thousand U.S. dollars)
8 million yen	(76 thousand U.S. dollars)
47 million yen	(449 thousand U.S. dollars)
	2 million yen 8 million yen

(b) Retirement benefit obligation, plan assets, and reconciliation of retirement benefit asset and liability Funded retirement benefit obligation: 190 million ven (1.790 thousand U.S. dollars)

randoa rotirornorit boriont obligation.	100 million yon	
Plan assets:	(181) million yen (	1,712) thousand U.S. dollars)
Balance:	8 million yen	(78 thousand U.S. dollars)
Unfunded retirement benefit obligation:	39 million yen	(371 thousand U.S. dollars)
Net liability for retirement benefits in the balance sheet:	47 million yen	(449 thousand U.S. dollars)
Reserve for retirement benefits at the end of the fiscal year:	47 million yen	(449 thousand U.S. dollars)
Net liability for retirement benefits in the balance sheet:	47 million yen	(449 thousand U.S. dollars)

12 million yen

(119 thousand U.S. dollars)

(c) Profit and loss associated with employee retirement benefits Pension expenses calculated based on the simplified method:

#### 14. Net Income by Account

(For the year ended 31 March 2017)

Net income of the general account was 27,878 million yen, while there was no net income of management account.

#### (For the year ended 31 March 2017)

Net income of the general account was 26,111 million yen (245,895 thousand U.S. dollars), while there was no net income of management account.

# 15. Information by Account (Balance sheets)

Balance sheets of general account and management account as of 31 March 2017 were as follows:

				(Millions of yen)
Item	General account	Management account	Offset	Total
(Assets)				
Loans	¥13,638,714	¥10,081,307		¥23,720,021
Securities	166,000			166,000
Cash and bank deposits	861,226			861,226
Cash collateral paid for financial instruments	24,327			24,327
Other assets	4,064	6,551		10,616
Tangible fixed assets	2,602			2,602
Intangible fixed assets	1,473			1,473
Due from general account		671,876	¥(671,876)	
Total assets	14,698,408	10,759,735	(671,876)	24,786,267
(Liabilities)				
Bonds	10,654,660	9,300,933		19,955,593
Borrowed money	170,500			170,500
Cash collateral received for financial instruments	111,159			111,159
Other liabilities	2,382	5,997		8,379
Reserve for bonuses	55			55
Reserve for bonuses for directors and corporate auditors	8			8
Reserve for retirement benefits	45			45
Reserve for retirement benefits for directors and corporate auditors	17			17
Fund for lending rate reduction	920,287			920,287
Basic fund for lending rate reduction	920,287			920,287
Due to management account	671,876		(671,876)	
Reserves under special laws	1,980,000	1,399,138		3,379,138
Reserve for interest rate volatility	1,980,000			1,980,000
Management account reserve for interest rate volatility		1,358,120		1,358,120
Reserve for interest rate reduction		41,017		41,017
Total liabilities	14,510,991	10,706,069	(671,876)	24,545,185
(Net Assets)				
Capital	16,602			16,602
Retained earnings	165,779			165,779
General account surplus reserve	165,779			165,779
Valuation, translation adjustments and others	5,035			5,035
Management account surplus reserve		53,666		53,666
Total net assets	187,416	53,666		241,082
Total liabilities and net assets	¥14,698,408	¥10,759,735	¥(671,876)	¥24,786,267

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Balance sheets of general account and management account as of 31 March 2017 were as follows:

				(Millions of yen)
Item	General account	Management account	Offset	Total
(Assets)				
Loans	¥14,806,412	¥8,961,827		¥23,768,240
Securities	170,000			170,000
Cash and bank deposits	747,767			747,767
Cash collateral paid for financial instruments	56,277			56,277
Other assets	4,029	5,753		9,783
Tangible fixed assets	2,549			2,549
Intangible fixed assets	1,211			1,211
Due from general account		658,396	¥(658,396)	
Total assets	15,788,248	9,625,977	(658,396)	24,755,829
(Liabilities)				
Bonds	11,621,637	8,662,882		20,284,520
Borrowed money	159,500			159,500
Cash collateral received for financial instruments	12,260			12,260
Other liabilities	2,267	4,425		6,692
Reserve for bonuses	57			57
Reserve for bonuses for directors and corporate auditors	8			8
Reserve for retirement benefits	47			47
Reserve for retirement benefits for directors and corporate auditors	24			24
Fund for lending rate reduction	920,287			920,287
Basic fund for lending rate reduction	920,287			920,287
Due to management account	658,396		(658,396)	
Reserves under special laws	2,200,000	905,003		3,105,003
Reserve for interest rate volatility	2,200,000			2,200,000
Management account reserve for interest rate volatility		870,453		870,453
Reserve for interest rate reduction		34,550		34,550
Total liabilities	15,574,486	9,572,311	(658,396)	24,488,401
(Net Assets)				
Capital	16,602			16,602
Retained earnings	191,890			191,890
General account surplus reserve	191,890			191,890
Valuation, translation adjustments and others	5,268			5,268
Management account surplus reserve		53,666		53,666
Total net assets	213,761	53,666		267,427
Total liabilities and net assets	¥15,788,248	¥9,625,977	¥(658,396)	¥24,755,829

(Thousands of U.S. dollars)				
Item	General account	Management account	Offset	Total
(Assets)				
Loans	\$139,433,213	\$84,394,268		\$223,827,481
Securities	1,600,904			1,600,904
Cash and bank deposits	7,041,792			7,041,792
Cash collateral paid for financial instruments	529,965			529,965
Other assets	37,943	54,186		92,129
Tangible fixed assets	24,009			24,009
Intangible fixed assets	11,412			11,412
Due from general account		6,200,173	\$(6,200,173)	
Total assets	148,679,238	90,648,627	(6,200,173)	233,127,692
(Liabilities)				
Bonds	109,441,925	81,579,083		191,021,008
Borrowed money	1,502,025			1,502,025
Cash collateral received for financial instruments	115,453			115,453
Other liabilities	21,350	41,676		63,026
Reserve for bonuses	542			542
Reserve for bonuses for directors and corporate auditors	77			77
Reserve for retirement benefits	449			449
Reserve for retirement benefits for directors and corporate auditors	227			227
Fund for lending rate reduction	8,666,424			8,666,424
Basic fund for lending rate reduction	8,666,424			8,666,424
Due to management account	6,200,173		(6,200,173)	
Reserves under special laws	20,717,582	8,522,490		29,240,072
Reserve for interest rate volatility	20,717,582			20,717,582
Management account reserve for interest rate volatility		8,197,129		8,197,129
Reserve for interest rate reduction		325,361		325,361
Total liabilities	146,666,227	90,143,249	(6,200,173)	230,609,303
(Net Assets)				
Capital	156,343			156,343
Retained earnings	1,807,051			1,807,051
General account surplus reserve	1,807,051			1,807,051
Valuation, translation adjustments and others	49,617			49,617
Management account surplus reserve		505,378		505,378
Total net assets	2,013,011	505,378		2,518,389
Total liabilities and net assets	\$148,679,238	\$90,648,627	\$(6,200,173)	\$233,127,692
				· ·

(Thousands of U.S. dollars)

Notes: 1. General account and management account

In accordance with the provisions of Article 13, Section 1 of the Supplementary Provisions of the Law, management account is used to conduct administration, collection and other related operations of the assets that JFM inherited from the Predecessor (management of the assets of the Predecessor).

Management account is separated from the other account (general account) pursuant to the provisions of Article 13, Section 3 of the Supplementary Provisions of the Law.

2. General account surplus reserve and management account surplus reserve

"Net income" of the general account is posted as "General account surplus reserve" in accordance with the provisions of Article 39, Section 1 of the Law, while "Net income" of management account is posted as "Management account surplus reserve" in accordance with the provisions of Article 13, Section 8 of the Supplementary Provisions of the Law. Financial Section

- 3. Due from general account and due to management account
- These amounts represent funds lent between the general account and management account pursuant to the provisions of Article 13, Section 4 of the Supplementary Provisions of the Law.

# 16. Information by Account (Statements of income)

Statements of income of general account and management account from 1 April 2016 through 31 March 2017 were as follows:

				(Millions of yen)
Item	General account	Management account	Offset	Total
Income	¥137,984	¥248,271	¥(9,758)	¥376,497
Interest income	133,591	239,196		372,787
Fees and commissions	103			103
Other operating income	36			36
Other income	3,569			3,569
Contributions from fund for lending rate reduction	3,557			3,557
Others	12			12
Administrative fee for management account	683		(683)	
Interest on due from general account		30	(30)	
Transfer from general account for fund for lending rate reduction		9,044	(9,044)	
Expenses	110,106	115,936	(9,758)	216,284
Interest expenses	95,523	113,349		208,872
Fees and commissions	147	165		313
Other operating expenses	2,277	1,597		3,874
General and administrative expenses	3,082	141		3,223
Interest on due to management account	30		(30)	
Transfer to management account for fund for lending rate reduction	9,044		(9,044)	
Administrative fee for management account		683	(683)	
Ordinary income	27,878	132,334	-	160,213
Special gains	220,000	427,323	(220,000)	427,323
Transfer from management account	220,000		(220,000)	
Reversal of management account reserve for interest rate volatility		420,000		420,000
Reversal of reserve for interest rate reduction		7,323		7,323
Special losses	220,000	559,658	(220,000)	559,658
Provision for reserve for interest rate volatility	220,000			220,000
Provision for management account reserve for interest rate volatility		139,658		139,658
Transfer to general account		220,000	(220,000)	
Payment to national treasury		200,000		200,000
Net income	¥27,878	-	-	¥27,878

Statements of income of general account and management account from 1 April 2017 through 31 March 2018 were as follows:

				(Millions of yen)
Item	General account	Management account	Offset	Total
Income	¥137,907	¥218,401	¥(8,832)	¥347,476
Interest income	133,064	210,240		343,305
Fees and commissions	98			98
Other operating income	46			46
Other income	4,024	1		4,026
Contributions from fund for lending rate reduction	4,011			4,011
Others	12	1		14
Administrative fee for management account	673		(673)	
Interest on due from general account		24	(24)	
Transfer from general account for fund for lending rate reduction		8,134	(8,134)	
Expenses	111,795	92,536	(8,832)	195,499
Interest expenses	98,475	89,495		187,970
Fees and commissions	155	144		300
Other operating expenses	1,885	2,048		3,934
General and administrative expenses	3,119	175		3,295
Interest on due to management account	24		(24)	
Transfer to management account for fund for lending rate reduction	8,134		(8,134)	
Administrative fee for management account		673	(673)	
Ordinary income	26,111	125,864	-	151,976
Special gains	220,000	626,467	(220,000)	626,467
Transfer from management account	220,000		(220,000)	
Reversal of management account reserve for interest rate volatility		620,000		620,000
Reversal of reserve for interest rate reduction		6,467		6,467
Special losses	220,000	752,332	(220,000)	752,332
Provision for reserve for interest rate volatility	220,000			220,000
Provision for management account reserve for interest rate volatility		132,332		132,332
Transfer to general account		220,000	(220,000)	
Payment to national treasury		400,000		400,000
Net income	¥26,111	¥-	¥-	¥26,111

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			(Thousand	ds of U.S. dollars)
Item	General account	Management account	Offset	Total
Income	\$1,298,684	\$2,056,705	\$(83,176)	\$3,272,213
Interest income	1,253,083	1,979,851		3,232,934
Fees and commissions	927			927
Other operating income	435			435
Other income	37,899	18		37,917
Contributions from fund for lending rate reduction	37,778			37,778
Others	121	18		139
Administrative fee for management account	6,340		(6,340)	
Interest on due from general account		229	(229)	
Transfer from general account for fund for lending rate reduction		76,607	(76,607)	
Expenses	1,052,789	871,426	(83,176)	1,841,039
Interest expenses	927,349	842,783		1,770,132
Fees and commissions	1,469	1,360		2,829
Other operating expenses	17,756	19,291		37,047
General and administrative expenses	29,379	1,652		31,031
Interest on due to management account	229		(229)	
Transfer to management account for fund for lending rate reduction	76,607		(76,607)	
Administrative fee for management account		6,340	(6,340)	
Ordinary income	245,895	1,185,279	-	1,431,174
Special gains Transfer from management account	2,071,758 2,071,758	5,899,495	(2,071,758) (2,071,758)	5,899,495
Reversal of management account reserve for interest rate volatility		5,838,591		5,838,591
Reversal of reserve for interest rate reduction		60,904		60,904
Special losses	2,071,758	7,084,774	(2,071,758)	7,084,774
Provision for reserve for interest rate volatility	2,071,758			2,071,758
Provision for management account reserve for interest rate volatility		1,246,183		1,246,183
Transfer to general account		2,071,758	(2,071,758)	
Payment to national treasury		3,766,833		3,766,833
Net income	\$245,895	\$-	\$-	\$245,895

Financial Sectior

### 17. Fair Value of Marketable Securities

Marketable held-to-maturity securities as of 31 March 2017 consisted of the following:

(Millions	of	yen)
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	Book value	Fair value	Difference	Unrealized gains	Unrealized losses
Negotiable certificates of deposit	¥166,000	¥166,000	-	-	-

Marketable held-to-maturity securities as of 31 March 2018 consisted of the following:

					(Millions of yen)
	Book value	Fair value	Difference	Unrealized gains	Unrealized losses
Negotiable certificates of deposit	¥170,000	¥170,000	-	-	-

#### (Thousands of U.S. dollars)

	Book value	Fair value	Difference	Unrealized gains	Unrealized losses
Negotiable certificates of deposit	\$1,600,904	\$1,600,904	-	-	-

Notes: 1. The balance sheet amount for negotiable certificates of deposit is the fair value.

2. Difference is the net amount of "unrealized gains" and "unrealized losses."

#### 18. Information on Derivative Transactions

(1) Types of derivative transactions

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Derivative transactions entered into by JFM are interest rate swaps for interest rate related transactions, and currency swaps and foreign exchange forward contracts for currency related transactions.

(2) Policies and purposes of derivative transactions

JFM uses interest rate swaps, currency swaps and foreign exchange forward contracts as a means of hedging exposure to interest rate and foreign exchange fluctuation risks, and does not enter into derivatives for speculative purposes.

Interest rate swaps are used to hedge exposure to interest rate risk on funding activities. Currency swaps and foreign exchange forward contracts are used to hedge exposure to foreign exchange risk associated with issuance of foreign currency-denominated bonds and foreign currency-denominated deposits.

Hedge accounting is applied to interest rate swaps, currency swaps and foreign exchange contracts.

(a) Hedge accounting method

Interest rate swaps used to hedge the risk of interest rate fluctuations that qualify for hedge accounting and meet specific matching criteria are not measured at fair value, but the differential paid or received under the swap agreements is recognized and included in interest expense or income. If swap contracts or forward contracts used to hedge the risk of foreign currency fluctuation qualify for deferral hedge accounting, the foreign currency-denominated assets and liabilities are translated at the contracted rate.

- (b) Hedging instruments and hedged items
  - (i) Hedging instruments: Interest rate swaps
    - Hedged items: Bonds and long-term borrowed money
  - (ii) Hedging instruments: Currency swaps
    - Hedged items: Foreign currency-denominated bonds
  - (iii) Hedging instruments: Foreign exchange forward contracts
    - Hedged items: Foreign currency-denominated bank deposits
- (c) Hedging policy

JFM uses hedging instruments as a means of hedging exposure to interest rate risk and foreign exchange risk. Hedged items are identified by each individual contract.

As a means of hedging foreign exchange fluctuation risks associated with the receipt of interest and principal of foreign currency-denominated bank deposits, a foreign exchange forward contract is entered into at the time of each deposit by JFM.

(d) Assessment of hedge effectiveness

JFM ensures hedging instruments and hedged items have the same major terms when entering into hedge transactions to offset market fluctuation risks associated with bonds and long-term borrowed money.

Accordingly, JFM deems these to be highly effective and thus does not assess effectiveness. Moreover, a periodic assessment of hedge effectiveness for interest rate swaps and currency swaps and forward contracts that qualify for deferral hedge accounting is omitted when the exceptional accrual method is applied.

(3) Risks on derivative transactions

Major risks on derivative transactions are market risk and credit risk. Market risk is the risk of future revenue fluctuations due to market value changes. Credit risk is the risk of losses incurred when counterparties are unable to fulfill their contracts due to bankruptcy or other reasons.

As for derivative transactions used for hedging purposes, market risk is offset by the corresponding change in the underlying hedged items.

JFM enters into ISDA Master Agreements and CSA with financial institutions, which are its derivative transactions counterparties, to reduce credit risk. Moreover, JFM constantly monitors restructuring costs of the transactions and the counterparties' credit profiles, and deals with multiple counterparties.

(4) Risk management system for derivative transactions

Execution and management of derivative transactions are conducted by the Finance Department of JFM with the approval of persons in charge in accordance with the operational guidelines which specify transaction authority and limits on the transaction amount.

Additionally, the total amount of derivative transactions, the status of risks, the assessed fair value, and the credit risk on counterparties are regularly reported to the Integrated Risk Management Committee.

# **Independent Auditor's Report**



Financial Section

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#### Independent Auditor's Report

The President of Japan Finance Organization for Municipalities

Pursuant to Article 37, paragraph 1 of the Japan Finance Organization for Municipalities Law (the "Law"), we have audited the accompanying financial statements of Japan Finance Organization for Municipalities ("JFM"), which comprise the balance sheets as at March 31, 2018 and 2017, and the statements of income, appropriation of profit, changes in net assets, and cash flows for the years then ended, and a summary of significant accounting policies and other explanatory information, all expressed in Japanese yen.

#### President's Responsibility for the Financial Statements

The President of JFM is responsible for the preparation and fair presentation of these financial statements in accordance with the Law, the ordinances based on the Law and other regulations applicable to JFM (collectively hereinafter, the "Law and regulations applicable to JFM") and accounting principles generally accepted in Japan, and for designing and operating such internal control as the President determines is necessary to enable the preparation and fair presentation of the financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in Japan. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. The purpose of an audit of the financial statements is not to express an opinion on the effectiveness of the entity's internal control, but in making these risk assessments the auditor considers internal controls relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the President, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of JFM as at March 31, 2018 and 2017, and its financial performance and cash flows for the years then ended in conformity with the Law and regulations applicable to JFM and accounting principles generally accepted in Japan (refer to Note 1 of the accompanying notes to the financial statements).

#### Convenience Translation

We have reviewed the translation of these financial statements into U.S. dollars, presented for the convenience of readers, and, in our opinion, the accompanying financial statements have been properly translated on the basis described in Note 1.

#### Conflicts of Interest

There is no interest in JFM which should be disclosed in compliance with the Certified Public Accountants Act.

Ernst & young Shinhihon LLC

May 30, 2018

A member firm of Ernst & Young Global Limited

# Appendix / JFM Data

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# Appendix

Appendix JFM Data

# Members of the Representative Board and the Supervisory Committee

Name	Title	Background
Toshizo Ido	Chairman	Governor, Hyogo prefecture
Masataka Matsuura	Deputy Chairman	Mayor, Matsue City, Shimane prefecture
Yasuomi Araki	Deputy Chairman	Mayor, Kashima Village, Kumamoto prefecture
Junko Obata	Member	Professor, Sophia University Law School
Naohiko Jinno	Member	Professor Emeritus, The University of Tokyo
Isao Sumihiro	Member	Chairman of The Hiroshima Bank, Ltd.

# The Representative Board members of JFM as of 1 August 2018 are as follows:

# The Supervisory Committee members of JFM as of 1 August 2018 are as follows:

Name	Title	Background
Takahiro Mitani	Chairman	Chaiman, Tanshi Association
Yutaka Suzuki	Deputy Chairman	Professor Emeritus, Aoyama Gakuin University
Tomoko Seiichi	Member	Professor, Seinan Gakuin University
Yasuharu Yoneda	Member	Professor Emeritus, Shinshu University
Hitomi Tamaoki	Member	Chief Executive officer of Tsumugi Co., Ltd.
Masanori Kamizaki	Member	Director, General Administration Department, Jiji Press, Ltd

# Redemption of Loans in Fiscal 2017

		Prin	cipal	Interest		
Classif	fication	Number of loans	Amount (USD millions)	Number of loans	Amount (USD millions)	
	General loans	438,356	15,717	495,623	3,226	
Regular redemption of long-term loans	Loans to local government corporations	427	86	427	7	
	Subtotal	438,783	15,803	496,050	3,233	
	General loans	299	53	20	0	
Prepayment of long-term loans	Loans to local government corporations	3	1	-	-	
	Subtotal	302	54	20	0	
Redemption of loans with p	Redemption of loans with pre-consent or pre-approval		-	-	-	
Redemption of short-term loans		-	-	-	-	
То	ital	439,085	15,856	496,070	3,233	

Note: Totals may not add up due to rounding.

# Outstanding Loans by Business

# (as of 31 March 2018)

		Number of	Loan Amount (	USD millions)
	Business	Loans Made		% of total
	Public Projects, etc.	3,224	4,171	1.9
	Public Housing	3,994	2,767	1.2
	National Disaster Prevention	1,294	1,465	0.7
	Educational Facilities Development	892	531	0.2
	Social Welfare Facilities Development	1,154	946	0.4
	General Waste Proposal	240	283	0.1
General Account-related	General Projects	686	678	0.3
Loans	Regional Revitalization	1,246	597	0.3
	Disaster Prevention	1,863	1,469	0.7
	Local Road Development*1	23,108	15,613	7.0
	Special Municipal Mergers	4,693	9,569	4.3
	Disaster Management and Mitigation	7,323	6,956	3.1
	Others	1,986	854	0.4
	Subtotal	51,703	45,901	20.5
	Water Supply	53,745	31,914	14.3
	Transportation	956	10,208	4.6
	Hospitals and Elderly Care Services	4,082	9,512	4.2
	Sewerage	122,899	71,621	32.0
Municipal Enterprise-	Industrial Water Supply	2,281	1,786	0.8
related Loans	Electricity and Gas	887	757	0.3
	Port Facilities	1,004	472	0.2
	Markets and Slaughterhouses	726	894	0.4
	Tourism and Others	241	222	0.2
	Subtotal	186,821	127,386	56.9
Temporary Finan	cial Countermeasures Funding	6,767	50,173	22.4
	Total	245,291	223,460	99.8
Local Governmen	t Road Corporation, Toll Roads <sup>*2</sup>	185	367	0.2
	Grand Total	245,476	223,827	100.0

Notes: 1. Includes the former development projects for local roads.

2. No loans will be extended to local government road corporations by JFM. The outstanding loans shown above was extended by the Predecessor.

3. Totals may not add up due to rounding.

# Appendix JFM Appendix

# Outstanding Loans by Borrower

# (as of 31 March 2018)

Borrowar	Prefe	ctures		pecial Wards okyo	Towns and Villages	
Borrower	Number of Loans Made	Loan Amount (USD millions)	Number of Loans Made	Loan Amount (USD millions)	Number of Loans Made	Loan Amount (USD millions)
Hokkaido	286	4,346	5,174	6,575	8,017	1,906
Aomori	198	347	1,988	2,378	1,382	436
lwate	243	537	2,690	2,388	755	294
Miyagi	354	1,245	4,615	3,914	2,594	486
Akita	203	206	4,622	2,457	1,096	113
Yamagata	224	764	2,720	1,592	1,900	334
Fukushima	425	793	3,570	2,397	3,008	520
Ibaraki	483	1,317	6,596	4,244	1,381	400
Tochigi	267	611	3,196	2,044	789	246
Gunma	262	396	3,441	1,842	1,788	336
Saitama	253	2,377	6,249	6,308	1,696	508
Chiba	399	997	5,079	6,548	853	241
Токуо	118	1,285	2,107	2,915	176	51
Kanagawa	220	1,987	3,078	8,153	1,114	406
Niigata	268	501	8,156	4,490	952	186
Toyama	265	292	3,750	2,887	546	225
Ishikawa	162	306	2,780	1,920	1,237	418
Fukui	236	371	2,172	1,448	842	124
Yamanashi	150	377	2,926	1,075	1,024	143
Nagano	244	341	4,178	2,566	3,134	600
Gifu	217	1,513	4,301	2,022	1,256	355
Shizuoka	342	537	5,032	3,478	756	244
Aichi	259	2,209	5,193	6,101	865	233
Mie	405	1,426	4,013	2,885	1,061	267

	vernment iations		nment Road rations	То	tal	
Number of Loans Made	Loan Amount (USD millions)	Number of Loans Made	Loan Amount (USD millions)	Number of Loans Made	Loan Amount (USD millions)	% of Total
301	272	-	-	13,778	13,100	5.9
110	136	-	-	3,678	3,297	1.5
226	180	-	-	3,914	3,399	1.5
129	74	-	-	7,692	5,718	2.6
8	2	-	-	5,929	2,778	1.2
159	65	-	1	5,003	2,757	1.2
193	195	3	1	7,199	3,906	1.7
261	237	1	-	8,722	6,198	2.8
12	31	7	2	4,271	2,934	1.3
212	277	-	-	5,703	2,850	1.3
315	179	7	2	8,520	9,373	4.2
403	395	5	11	6,739	8,192	3.7
31	163	-	-	2,432	4,415	2.0
64	582	-	-	4,476	11,127	5.0
161	140	-	-	9,537	5,317	2.4
145	134	8	1	4,714	3,539	1.6
27	32	-	-	4,206	2,677	1.2
71	33	-	-	3,321	1,975	0.9
156	58	-	-	4,256	1,653	0.7
178	144	6	2	7,740	3,653	1.6
11	11	-	-	5,785	3,900	1.7
75	89	7	3	6,212	4,351	1.9
92	34	40	181	6,449	8,759	3.9
32	50	-	-	5,511	4,627	2.1

# Appendix JFM Appendix

D	Prefe	ctures		pecial Wards okyo	Towns and Villages	
Borrower	Number of Loans Made	Loan Amount (USD millions)	Number of Loans Made	Loan Amount (USD millions)	Number of Loans Made	Loan Amount (USD millions)
Shiga	195	731	4,214	2,229	587	135
Kyoto	196	341	3,571	4,567	1,072	273
Osaka	110	1,507	5,608	13,502	936	332
Нуодо	325	4,112	7,853	9,118	2,045	814
Nara	277	1,062	2,371	1,758	1,921	571
Wakayama	107	451	1,670	2,029	1,419	538
Tottori	330	741	1,268	1,010	1,811	435
Shimane	279	944	2,601	1,967	296	78
Okayama	277	935	4,566	3,435	1,262	275
Hiroshima	426	1,746	4,292	4,527	887	275
Yamaguchi	421	524	4,243	2,580	600	116
Tokushima	189	440	1,388	1,131	804	262
Kagawa	228	237	2,077	1,160	864	230
Ehime	91	223	2,254	1,879	608	229
Kochi	146	885	1,573	1,307	730	228
Fukuoka	97	1,279	4,861	8,457	2,181	986
Saga	61	342	1,600	1,522	637	284
Nagasaki	145	549	2,728	2,602	681	177
Kumamoto	155	583	2,701	1,927	1,583	443
Oita	99	225	2,215	1,359	181	64
Miyazaki	150	677	2,010	1,409	714	182
Kagoshima	177	1,312	2,289	1,605	810	239
Okinawa	235	966	1,528	1,488	862	235
Total	11,199	45,892	167,107	155,195	61,713	16,471

Note: Totals may not add up due to rounding.

	vernment iations		nment Road rations	То	tal	
Number of Loans Made	Loan Amount (USD millions)	Number of Loans Made	Loan Amount (USD millions)	Number of Loans Made	Loan Amount (USD millions)	% of Total
125	67	-	-	5,121	3,162	1.4
26	57	8	4	4,873	5,241	2.3
291	685	14	28	6,959	16,054	7.2
440	529	28	15	10,691	14,589	6.5
31	56	-	-	4,600	3,447	1.5
89	78	-	-	3,285	3,096	1.4
32	26	-	-	3,441	2,212	1.0
74	36	-	-	3,250	3,026	1.4
111	168	-	-	6,216	4,812	2.2
13	16	16	47	5,634	6,611	3.0
111	71	-	-	5,375	3,290	1.5
3	-	-	-	2,384	1,834	0.8
21	50	-	-	3,190	1,677	0.7
16	10	-	-	2,969	2,341	1.0
10	90	-	-	2,459	2,509	1.1
269	227	25	68	7,433	11,016	4.9
100	105	-	-	2,398	2,253	1.0
15	32	6	2	3,575	3,362	1.5
38	25	4	-	4,481	2,978	1.3
-	-	-	-	2,495	1,649	0.7
12	9	-	-	2,886	2,276	1.0
19	26	-	-	3,295	3,181	1.4
54	28	-	-	2,679	2,717	1.2
5,272	5,902	185	368	245,476	223,828	100.0

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# Appendix JFM Appendix

# Bond Issuance in Fiscal 2017

# 1. JFM bonds

# (1) International bonds

Series Number	Tenor (yr)	Format	Currency	Issue Size (in millions)	Coupon (%)	Issue Price (%)	Issue Date	Maturity Date
57	5	Global	USD	1,000	2.625	99.823	20 Apr 2017	20 Apr 2022
58	10	Euro	AUD	22	3.418	100.000	26 Jun 2017	21 Jun 2027
59	3	Global	USD	1,000	2.000	99.740	8 Sep 2017	8 Sep 2020
60	3	Euro	NZD	58	2.270	99.980	20 Nov 2017	19 Nov 2020
61	5	Euro	USD	44	2.570	99.990	30 Jan 2018	30 Jan 2023
62	5	Euro	AUD	28	2.760	99.990	30 Jan 2018	30 Jan 2023

# (2) Domestic public offerings

Series Number	Tenor (yr)	Issue (JPY billions)	Size (USD millions)	Coupon (%)	Issue Price (%)	Issue Date	Maturity Date
95	10	20	188	0.200	100	20 Apr 2017	28 Apr 2027
96	10	20	188	0.205	100	23 May 2017	28 May 2027
97	10	20	188	0.205	100	20 Jun 2017	28 Jun 2027
98	10	20	188	0.250	100	21 Jul 2017	28 Jul 2027
99	10	20	188	0.225	100	18 Aug 2017	27 Aug 2027
100	10	20	188	0.165	100	22 Sep 2017	28 Sep 2027
101	10	15	141	0.235	100	20 Oct 2017	28 Oct 2027
102	10	20	188	0.200	100	17 Nov 2017	26 Nov 2027
103	10	15	141	0.220	100	21 Dec 2017	28 Dec 2027
104	10	15	141	0.255	100	26 Jan 2018	28 Jan 2028
105	10	15	141	0.250	100	20 Feb 2018	28 Feb 2028
106	10	15	141	0.215	100	19 Mar 2018	28 Mar 2028
59	20	15	141	0.669	100	20 Apr 2017	28 Apr 2037
60	20	20	188	0.616	100	20 Jun 2017	26 Jun 2037
61	20	15	141	0.673	100	21 Jul 2017	28 Jul 2037
62	20	20	188	0.592	100	22 Sep 2017	28 Sep 2037
63	20	10	94	0.616	100	20 Oct 2017	28 Oct 2037
64	20	10	94	0.616	100	21 Dec 2017	28 Dec 2037
65	20	10	94	0.635	100	26 Jan 2018	28 Jan 2038
21	5	20	188	0.010	100	20 Apr 2017	28 Apr 2022
22	5	10	94	0.020	100	20 Oct 2017	28 Oct 2022
4	30	10	94	0.946	100	20 Apr 2017	26 Apr 2047
5	30	10	94	0.973	100	20 Oct 2017	28 Oct 2047
F355	6	3	28	0.020	100	26 Apr 2017	28 Nov 2022
F356	7	10	94	0.040	100	26 Apr 2017	26 Apr 2024
F357	12	6	57	0.230	100	26 Apr 2017	19 Mar 2029
F358	13	3	28	0.285	100	26 Apr 2017	26 Apr 2030
F359	19	3	28	0.575	100	26 Apr 2017	19 Sep 2036
F360	21	3	28	0.623	100	26 Apr 2017	19 Mar 2038

Series	Tenor		Size	Coupon (%)	Issue Price	Issue Date	Maturity Date
Number	(yr)	(JPY billions)	(USD millions)		(%)		
F361	5	6	57	0.010	100	27 Apr 2017	20 Jun 2022
F362	6	3	28	0.020	100	27 Apr 2017	18 Nov 2022
F363	6	3	28	0.020	100	27 Apr 2017	24 Nov 2022
F364	6	3	28	0.020	100	27 Apr 2017	25 Nov 2022
F365	6	3	28	0.020	100	27 Apr 2017	29 Nov 2022
F366	6	3	28	0.020	100	27 Apr 2017	28 Mar 2023
F367	6	8	75	0.020	100	27 Apr 2017	28 Apr 2023
F368	12	3	28	0.252	100	27 Apr 2017	27 Apr 2029
F369	15	3	28	0.408	100	27 Apr 2017	23 Sep 2032
F370	3	3	28	0.005	100	31 May 2017	30 Nov 2020
F371	6	3	28	0.050	100	27 Jul 2017	15 Feb 2023
F372	6	3	28	0.050	100	27 Jul 2017	17 Feb 2023
F373	6	3	28	0.050	100	27 Jul 2017	23 Feb 2023
F374	8	3	28	0.101	100	27 Jul 2017	30 May 2025
F375	9	10	94	0.195	100	27 Jul 2017	19 Jun 2026
F376	11	3	28	0.218	100	31 Jul 2017	25 Feb 2028
F377	13	3	28	0.340	100	27 Jul 2017	29 Jul 2030
F378	21	3	28	0.675	100	27 Jul 2017	26 Feb 2038
F379	21	3	28	0.671	100	27 Jul 2017	19 Mar 2038
F380	5	8	75	0.010	100	28 Jul 2017	28 Sep 2022
F381	6	3	28	0.050	100	28 Jul 2017	24 Feb 2023
F382	6	3	28	0.050	100	28 Jul 2017	27 Feb 2023
F383	6	3	28	0.050	100	28 Jul 2017	28 Feb 2023
F384	6	3	28	0.050	100	28 Jul 2017	30 May 2023
F385	11	3	28	0.222	100	31 Jul 2017	28 Feb 2028
F386	11	3	28	0.249	100	28 Jul 2017	28 Jul 2028
F387	15	3	28	0.414	100	28 Jul 2017	28 Jul 2032
F388	19	3	28	0.564	100	31 Jul 2017	31 Mar 2036
F389	28	20	188	0.874	100	30 Aug 2017	30 Aug 2045
F390	5	13	122	0.020	100	27 Oct 2017	27 Dec 2022
F391	6	3	28	0.037	100	27 Oct 2017	30 May 2023
F392	7	3	28	0.084	100	25 Oct 2017	20 May 2024
F393	9	10	94	0.204	100	25 Oct 2017	18 Sep 2026
F394	15	3	28	0.432	100	26 Oct 2017	28 Oct 2032
F395	19	3	28	0.615	100	26 Oct 2017	27 Mar 2037
F396	6	3	28	0.039	100	30 Oct 2017	26 May 2023
F397	6	3	28	0.041	100	27 Oct 2017	20 Jun 2023
F398	12	3	28	0.304	100	27 Oct 2017	19 Oct 2029
F399	5	13	122	0.040	100	31 Jan 2018	31 Mar 2023
F400	9	10	94	0.231	100	31 Jan 2018	29 Jan 2027
F401	2	20	188	0.001	100.002	27 Feb 2018	27 Feb 2020
Note 1 3m¥L+10	1			0.001	100.002	211002010	21 100 2020

# Appendix JFM P

Series	Tenor	Issue	Size		Issue Price		
Number	(yr)	(JPY billions)	(USD millions)	Coupon (%)	(%)	Issue Date	Maturity Date
A87	10	20	188	0.230	100	20 Apr 2017	20 Apr 2027
A88	10	20	188	0.235	100	23 May 2017	21 May 2027
A89	10	20	188	0.235	100	19 Jun 2017	18 Jun 2027
A90	10	10	94	0.280	100	21 Jul 2017	21 Jul 2027
A91	10	10	94	0.255	100	18 Aug 2017	18 Aug 2027
A92	10	10	94	0.195	100	22 Sep 2017	22 Sep 2027
A93	10	10	94	0.265	100	20 Oct 2017	20 Oct 2027
A94	10	10	94	0.230	100	21 Nov 2017	19 Nov 2027
A95	10	10	94	0.250	100	21 Dec 2017	21 Dec 2027
A96	10	10	94	0.285	100	26 Jan 2018	26 Jan 2028
A97	10	10	94	0.280	100	20 Feb 2018	18 Feb 2028
A98	10	10	94	0.245	100	26 Mar 2018	24 Mar 2028
B18	10	4	38	0.230	100	20 Apr 2017	20 Apr 2027
B19	10	3.5	33	0.235	100	23 May 2017	21 May 2027
B20	10	5	47	0.235	100	19 Jun 2017	18 Jun 2027
B21	10	8.5	80	0.280	100	21 Jul 2017	21 Jul 2027
B22	10	8.5	80	0.255	100	18 Aug 2017	18 Aug 2027
B23	10	5.5	52	0.195	100	22 Sep 2017	22 Sep 2027
B24	10	5.5	52	0.265	100	20 Oct 2017	20 Oct 2027
B25	10	8	75	0.230	100	21 Nov 2017	19 Nov 2027
B26	10	6	57	0.250	100	21 Dec 2017	21 Dec 2027
B27	10	13.5	127	0.285	100	26 Jan 2018	26 Jan 2028
B28	10	9	85	0.280	100	20 Feb 2018	18 Feb 2028
B29	10	6.5	61	0.245	100	26 Mar 2018	24 Mar 2028
C18	20	6.5	61	0.689	100	20 Apr 2017	20 Apr 2037
C19	20	5.5	52	0.679	100	23 May 2017	22 May 2037
C20	20	7.5	71	0.636	100	19 Jun 2017	19 Jun 2037
C21	20	13	122	0.693	100	21 Jul 2017	21 Jul 2037
C22	20	14.5	137	0.646	100	18 Aug 2017	18 Aug 2037
C23	20	8	75	0.612	100	22 Sep 2017	18 Sep 2037
C24	20	7	66	0.636	100	20 Oct 2017	20 Oct 2037
C25	20	9.5	89	0.621	100	21 Nov 2017	20 Nov 2037
C26	20	7.5	71	0.636	100	21 Dec 2017	21 Dec 2037
C27	20	17.5	165	0.655	100	26 Jan 2018	26 Jan 2038
C28	20	10	94	0.640	100	20 Feb 2018	19 Feb 2038
C29	20	8	75	0.598	100	26 Mar 2018	26 Mar 2038
D13	20	20	188	0.689	100	20 Apr 2017	20 Apr 2037
D14	20	20	188	0.679	100	23 May 2017	22 May 2037
D15	20	20	188	0.636	100	19 Jun 2017	19 Jun 2037
D16	20	10	94	0.693	100	21 Jul 2017	21 Jul 2037
D17	20	10	94	0.646	100	18 Aug 2017	18 Aug 2037
D18	20	10	94	0.612	100	22 Sep 2017	18 Sep 2037

# 2. Private placements with Pension Fund Association for Local Government Officials

Series	Tenor	Issue	Size	Coupon (%)	Issue Price (%)	Issue Date	Maturity Date
Number	(yr)	(JPY billions)	(USD millions)				
D19	20	10	94	0.636	100	20 Oct 2017	20 Oct 2037
D20	20	10	94	0.621	100	21 Nov 2017	20 Nov 2037
D21	20	10	94	0.636	100	21 Dec 2017	21 Dec 2037
D22	20	10	94	0.655	100	26 Jan 2018	26 Jan 2038
D23	20	10	94	0.640	100	20 Feb 2018	19 Feb 2038
D24	20	10	94	0.598	100	26 Mar 2018	26 Mar 2038

# 3. Government-guaranteed domestic bonds

Series Number	Tenor (yr)	Issue (JPY billions)	Size (USD millions)	Coupon (%)	Issue Price (%)	Issue Date	Maturity Date
	1			0.140		17 Apr 2017	16 Apr 2007
95	10	55	518	0.140	100.00	17 Apr 2017	16 Apr 2027
96	10	50	471	0.110	100.00	22 May 2017	21 May 2027
97	10	50	471	0.130	100.00	14 Jun 2017	14 Jun 2027
98	10	50	471	0.160	100.00	18 Jul 2017	16 Jul 2027
99	10	50	471	0.155	100.00	15 Aug 2017	13 Aug 2027
100	10	50	471	0.090	100.00	19 Sep 2017	17 Sep 2027
101	10	50	471	0.170	100.00	17 Oct 2017	15 Oct 2027
102	10	50	471	0.160	100.00	15 Nov 2017	15 Nov 2027
103	10	50	471	0.155	100.00	18 Dec 2017	17 Dec 2027
104	10	50	471	0.185	100.00	23 Jan 2018	21 Jan 2028
105	10	50	471	0.195	100.00	15 Feb 2018	15 Feb 2028
106	10	50	471	0.145	100.00	14 Mar 2018	14 Mar 2028
8	4	60	565	0.001	100.20	29 Jun 2017	29 Jun 2021
9	4	50	471	0.001	100.16	27 Sep 2017	27 Sep 2021
10	4	50	471	0.001	100.18	26 Feb 2018	25 Feb 2022

# Outstanding International Bonds

# 1. JFM bonds

# (as of 31 March 2018)

Series Number	Tenor (yr)	Format	Currency	Issue Size (in millions)	Coupon	Issue Price (%)	Issue Date	Maturity Date
15	7	Euro	USD	20	2.400%	100	1 Mar 2012	1 Mar 2019
30	7	Euro	USD	130	3mL+70bp	100	6 Jun 2012	6 Jun 2019
35	5	Euro	USD	105	1.375%	99.952	18 Apr 2013	18 Apr 2018
36	5	Euro	AUD	100	3mBBSW+83bp	100	21 May 2013	21 May 2018
38	5	Euro	USD	100	3mL+50bp	100	11 Jul 2013	11 Jul 2018
39	7	Euro	USD	100	3mL+65bp	100	22 Jul 2013	22 Jul 2020
40	5	Global	USD	1,500	2.500%	99.855	12 Sep 2013	12 Sep 2018
41	5	Euro	AUD	110	4.200%	99.98	26 Nov 2013	26 Nov 2018
42	5	Global	USD	1,000	2.125%	99.892	6 Mar 2014	6 Mar 2019
43	10	Euro	AUD	85	5.092%	100	1 May 2014	1 May 2024

# Appendix JFM Appendix

Series Number	Tenor (yr)	Format	Currency	Issue Size (in millions)	Coupon	Issue Price (%)	Issue Date	Maturity Date
44	10	Euro	USD	90	3.250%	99.055	1 May 2014	2 May 2024
45	7	Euro	EUR	1,000	0.875%	99.293	22 Sep 2014	22 Sep 2021
47	10	Global	USD	1,000	2.375%	99.611	13 Feb 2015	13 Feb 2025
48	10	Euro	AUD	70	3.600%	100	18 Mar 2015	18 Mar 2025
49	7	Global	USD	1,000	2.000%	99.391	21 Apr 2015	21 Apr 2022
50	5	Euro	USD	13	2.010%	99.99	21 Dec 2015	21 Dec 2020
51	5	Euro	AUD	95	3.060%	99.99	21 Dec 2015	21 Dec 2020
52	5	Global	USD	500	2.125%	99.774	12 Feb 2016	12 Feb 2021
53	5	Global	USD	1,500	2.125%	99.78	13 Apr 2016	13 Apr 2021
54	7	Global	USD	1,000	2.125%	99.297	25 Oct 2016	25 Oct 2023
55	5	Euro	USD	53	2.390%	99.99	30 Jan 2017	28 Jan 2022
56	5	Euro	AUD	106	3.040%	99.99	30 Jan 2017	28 Jan 2022
57	5	Global	USD	1,000	2.625%	99.823	20 Apr 2017	20 Apr 2022
58	10	Euro	AUD	22	3.418%	99.85	26 Jun 2017	21 Jun 2027
59	3	Global	USD	1,000	2.000%	99.74	8 Sep 2017	8 Sep 2020
60	3	Euro	NZD	58	2.270%	99.98	20 Nov 2017	19 Nov 2020
61	5	Euro	USD	44	2.570%	99.99	30 Jan 2018	30 Jan 2023
62	5	Euro	AUD	28	2.760%	99.99	30 Jan 2018	30 Jan 2023

# Organization History

#### History of JFM

Appendix JFM Data

FY2008	The Japan Finance Organization for Municipal Enterprises (the Predecessor of JFM) was established pursuant to the Japan Finance Organization for Municipal Enterprises Law on 1 August 2008. Succeeded the assets and assumed the liabilities of the Predecessor and commenced operations on 1 October 2008.
2009	Reorganized as the Japan Finance Organization for Municipalities based on the partial amendment of the Japan Finance Organization for Municipal Enterprises Law (1 June 2009).
2011	Created a new special lending rate programme by integrating the existing special lending rate and the extra-special lending rate programmes.
2015	Introduced semi-annual principal and interest equal repayment method and semi-annual capital equal repayment on JFM loans.

#### History of the Predecessor

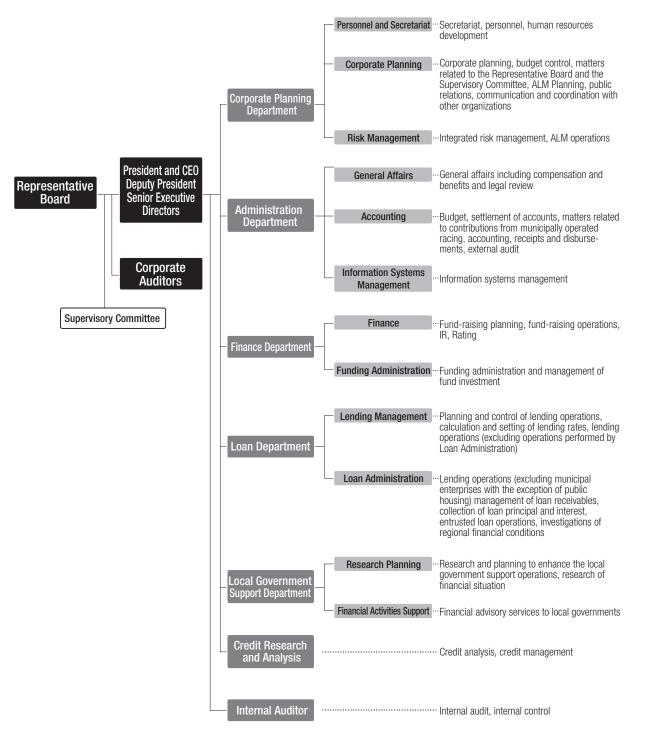
FY1957	Established pursuant to the Japan Finance Corporation for Municipal Enterprises Law (1 June 1957).						
1960	Started making loans entrusted by Agriculture, Forestry and Fisheries Finance Corporation.						
1966	Started a lending programme that applied special lending rates.						
1967	Started receiving subsidies from the national treasury.						
1970	Started a programme of contributions of the earnings from municipally operated racing and established the Fund for Lending Rate Reduction.						
1972	Started lending to local government road corporations and local government land development corporations.						
1978	Included the three types of special projects (in the general account-related business category) in the scope of lending.						
1983	Started issuing foreign currency-denominated bonds.						
1989	Established the Reserve for Losses on Refinancing of Bonds.						
1990	Started a lending programme that applied extra-special lending rates.						
1998	Based on the policy titled "Regarding Reorganization and Rationalization of Special Public Institutions," which was approved by the Cabinet on 24 September 1997, one part-time senior executive director wa added; the Japan Finance Corporation for Municipal Enterprises Management Council was established and JFM addressed the phased abolition of subsidies from the national treasury over a three-year period.						
2001	Subsidies from the national treasury were abolished and the Reserve for Interest Rate Reduction was established. Started offering borrowers two interest rate options: fixed rates or adjustable rates. Established the prepayment with penalty system. Started issuing FILP agency bonds. The Special Public Institutions Reform Basic Law was passed, and the Reorganizations and Rationalization Plan for Special Public Institutions was approved by the Cabinet.						
2002	The policy titled the "Reform of the Four Highway-Related Public Corporations, International Hub Airports and Policy-Based Finance Institutions" was approved by the Cabinet.						
2005	The "Priority Policy for Administrative Reform," which included the proposal for abolition of the Predecessor in fiscal 2008, a new structure utilizing capital markets, and transitional measures to prepare for the abolition, was approved by the Cabinet.						
2006	The Administrative Reform Promotion Law was passed. The Headquarters for the Promotion of the Reform of Policy-Based Finance and the Cabinet Headquarters for the Promotion of Administrative Reform (HQPAR) set forth the plan titled "System Design Regarding the Reform of Policy-Based Finance. The six associations of local governments submitted the "Local governments' draft proposal for designing a new system after the abolition of the Predecessor."						
2007	The Japan Finance Organization for Municipal Enterprises Law was passed. The Act on Assurance of Sound Financial Status of Municipalities was passed. Implemented prepayment without penalty and other measures in accordance with the national government's policy on reducing local governments' debt service burden. The programme ended in fiscal 2008.						
2008	Dissolved based on the Japan Finance Organization for Municipal Enterprises Law (1 October 2008).						

# **JFM Data**

Appendix JFM Date

**Organization Chart** 

As of 1 April 2018



ppendix / JFM Data

# **Directors and Corporate Auditors**

President and CEO **Deputy President Corporate Auditors** 

Kinya Takino Yutaka Endo Senior Executive Directors Tsutomu Sakai, Eiichi Sugimura, Toru Nojima Koichi Kato, Masaaki Omori (part-time)

# **Contact Information**



(Photo provided by The Tokyo Institute for Municipal Research)

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Management Structure

(As of 1 August 2018)



http://www.jfm.go.jp/