

Fiscal Year 2022 Review of Operations

Transitional Long-term Benefit Association Reserve Fund

Table of Contents

Investment Results (Overview).....	3
【Section 1 Administration and Investment of Funds in FY2022】	
1 Market environment.....	5
2 Investment results	
(1) Asset mix.....	6
(2) Investment return.....	7
(3) Contribution analysis of excess return.....	8
(4) Investment income.....	10
(5) Value of assets.....	11
(6) Fees.....	12
3 Benchmark portfolio.....	13
4 Risk management	
(1) Approach to risk management.....	14
(2) Risk management efforts.....	15
(3) Status of risk management (overall assets)	16
5 Stewardship activities.....	17
6 Other major efforts.....	19
【Section 2 Businesses and Fund Investment of the Federation】	
1 Organizational structure.....	21
2 Fund Management Committee.....	24
3 Basic approach to investment.....	26
【Section 3 Reference Data】	
1 Changes in the investment results.....	28
2 Issues held.....	29

Investment Results (Overview)

Investment return

Time-weighted return (market value basis)
(FY2022)

+1.70%

(Investment return before the deduction of fees, etc.)

Investment income

Investment income (market value basis)
(FY2022)

+JPY 102.1 billion

Value of investment assets:

Total market value
(End of FY2022)

JPY 6,434.3 billion

As pension funds are intended for long-term investment, the investment status must be judged from the long-term perspective.

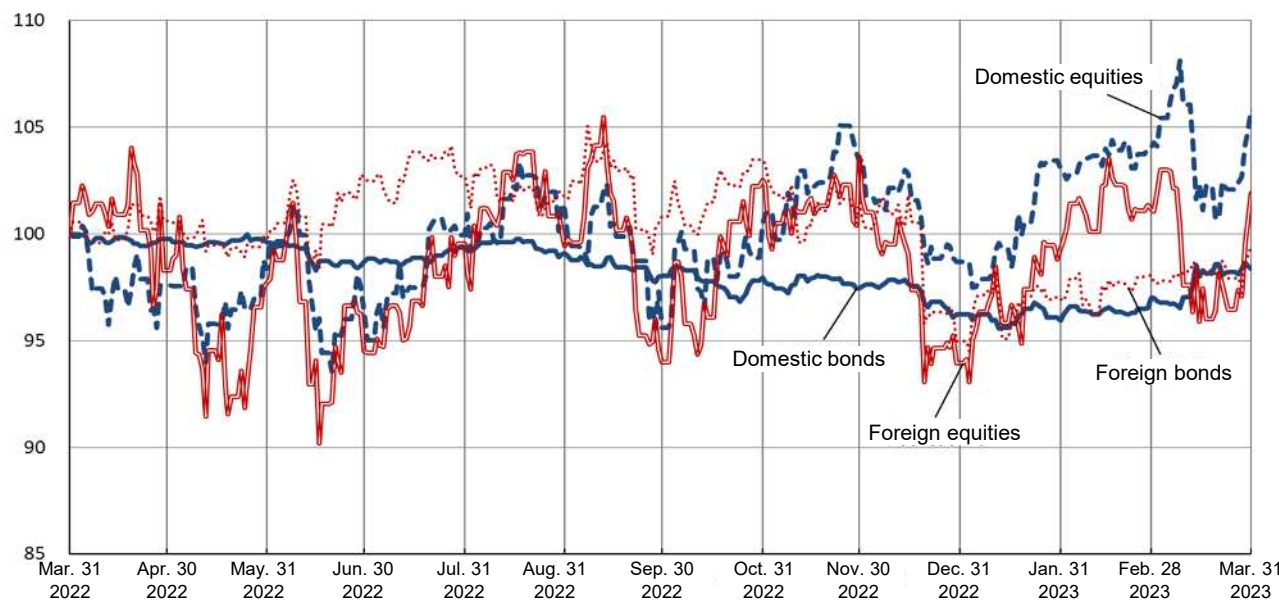
As investment income is based on the total market value as of the end of each term, it should be kept in mind that it includes valuation gains/losses, which means it may change depending on market movements.

(Note 1) The investment income represents the income after the deduction of fees, etc.

Section 1 Administration and Investment of Funds in FY2022

Change in benchmark return

Regarding the full-year benchmark return, while both the bond and stock markets declined as a result of a series of interest rate hikes by central banks amid rising inflation rates worldwide, the markets recovered in the second half of the fiscal year because of the post-COVID-19 economic normalization and expectations for a halt to the round of interest rate hikes in the United States. As a result, the total return came to +1.57%.



(Note) The level as of March 31, 2021 is the base figure of 100.

Asset class	Benchmark	Returns				
		Q1	Q2	Q3	Q4	Full fiscal year
Domestic bonds	NOMURA Bond Performance Index (Overall)	-1.30%	-0.66%	-1.88%	2.22%	-1.65%
Domestic equities	TOPIX (dividend-inclusive)	-3.65%	-0.79%	3.26%	7.21%	5.81%
Foreign bonds	FTSE World Government Bond Index (ex-Japan, ex-China, no hedge, in yen)	2.66%	-1.78%	-5.81%	4.69%	-0.56%
Foreign equities	MSCI ACWI ex. Japan (in yen, dividend-inclusive)	-5.51%	-0.55%	-0.01%	8.44%	1.88%
Total		-1.96%	-0.89%	-1.05%	5.64%	1.57%

(Note) The total is the return calculated by weight-averaging the benchmark returns for individual asset classes based on the shares in the asset mix of the benchmark portfolio.

(Source: Bloomberg)

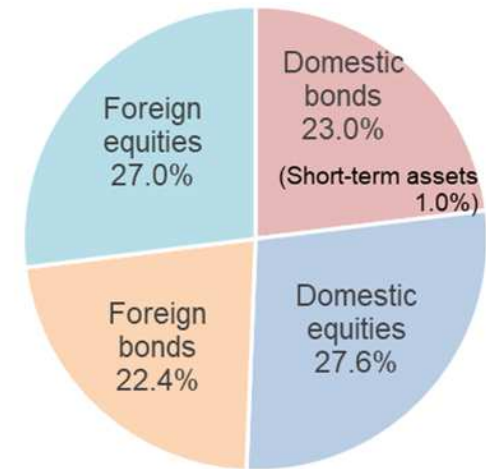
(1) Asset mix

The composition by asset is as follows:

(Unit: %)

	End of FY2021	FY2022				Benchmark portfolio
		End of Q1	End of Q2	End of Q3	End of Q4 (End of FY)	
Domestic bonds	22.6	23.0	23.9	23.3	23.0	25.0
Short-term assets	(0.9)	(0.8)	(1.7)	(0.6)	(1.0)	
Domestic equities	26.6	26.5	26.7	28.0	27.6	25.0
Foreign bonds	22.2	23.6	23.4	22.5	22.4	25.0
Foreign equities	28.5	26.9	26.0	26.2	27.0	25.0
Total	100.0	100.0	100.0	100.0	100.0	100.0

Composition by Asset Class
(as of end of FY2022)



(Note 1) Deviation tolerances from the benchmark portfolio are ±20% for domestic bonds, ±12% for domestic equities, ±9% for foreign bonds and ±11% for foreign equities.

(Note 2) Due to rounding, the total sum of individual figures may not necessarily add up to 100%.

(Note 3) Privately placed municipal bonds are included in domestic bonds (percentage of 11.7% occupied in domestic bonds).

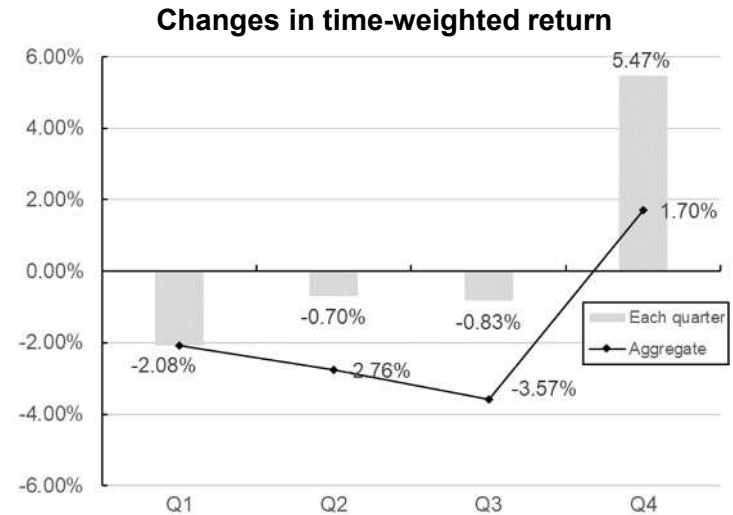
(Note 4) Short-term assets held by each fund were classified into relevant asset classes in principle.

(2) Investment return

The time-weighted return for FY2022 was 1.70% for the overall assets.

(Unit: %)

	FY2022				
	Q1	Q2	Q3	Q4	FY total
Time-weighted return	-2.08	-0.70	-0.83	5.47	1.70
Domestic bonds	-0.89	-0.43	-1.79	1.77	-1.36
Short-term assets	(0.00)	(0.00)	(0.00)	(-0.00)	(0.00)
Domestic equities	-3.63	-0.35	3.04	6.78	5.66
Foreign bonds	2.65	-1.71	-5.53	4.52	-0.38
Foreign equities	-5.38	-0.56	0.23	8.26	2.10



(Unit: %)

	FY2022				
	Q1	Q2	Q3	Q4	FY total
Modified total return	-2.09	-0.67	-0.80	5.40	1.56

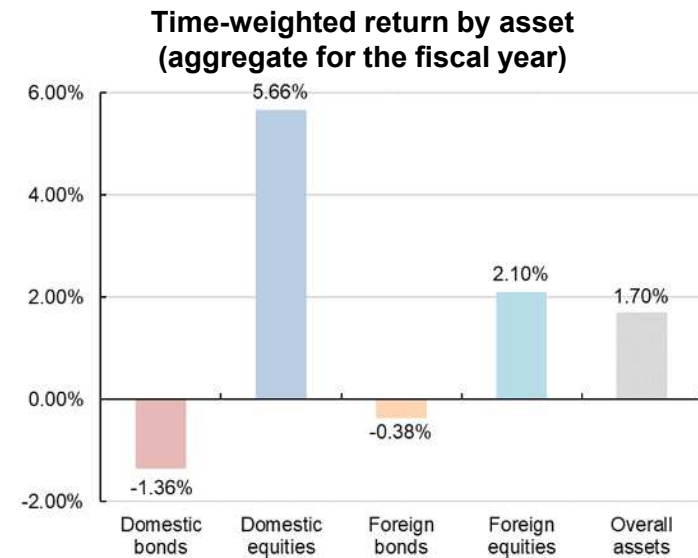
(Unit: %)

	FY2022				
	Q1	Q2	Q3	Q4	FY total
Realized return	1.76	1.75	1.27	1.34	6.12

(Note 1) The return in each quarter is the period rate.

(Note 2) The time-weighted return represents the figure before the deduction of fees, etc.

(Note 3) The modified total return and realized return represent the figures after the deduction of fees, etc.



(3) Contribution analysis of excess return (i)

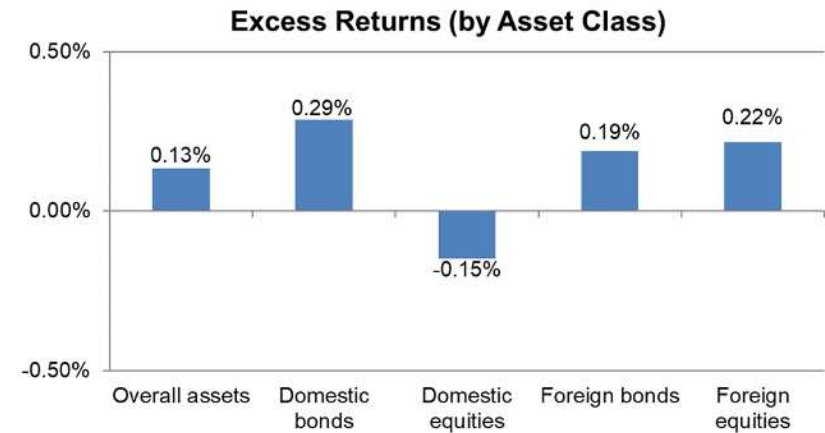
The time-weighted return for overall investment assets was 1.70%, while the excess return compared with the benchmark return was 0.13%.
The excess return for overall assets (0.13%) can be broken down as follows: asset allocation factor: 0.21%; individual asset factor: 0.14%; composite factor: -0.21%.

FY2022 (April 2022 through March 2023) (Unit: %)

	Overall assets	Domestic bonds	Domestic equities	Foreign bonds	Foreign equities
Modified total return	1.70	-1.36	5.66	-0.38	2.10
Benchmark return	* 1.57	-1.65	5.81	-0.56	1.88
Excess return	0.13	0.29	-0.15	0.19	0.22

* The benchmark return for overall assets is calculated by weight-averaging the benchmark returns for individual asset classes based on the shares in the asset mix of the benchmark portfolio. Due to rounding, the total sum of individual figures may not necessarily add up to the total.

	Asset allocation factor	Individual asset factor	Composite factor
Domestic bonds	0.07%	0.07%	-0.05%
Domestic equities	0.07%	-0.04%	-0.06%
Foreign bonds	0.06%	0.05%	-0.05%
Foreign equities	0.01%	0.05%	-0.05%
Total	0.21%	0.14%	-0.21%



(Reference) Deviation of the Federation's portfolio (book value average balance + accrued income as of the end of previous period + valuation gains/losses as of the end of previous period) from the benchmark portfolio

	Federation's portfolio	Benchmark portfolio	Deviation	Deviation tolerance
Domestic bonds	22.7%	25.0%	-2.3%	±20%
Domestic equities	26.8%	25.0%	1.8%	±12%
Foreign bonds	22.4%	25.0%	-2.6%	±9%
Foreign equities	28.1%	25.0%	3.1%	±11%
Total	100.0%	100.0%	0.0%	

Asset allocation factor: A factor that is attributable to the difference between the asset mix of the fund and the benchmark portfolio.

Individual asset factor: A factor that is attributable to the difference between the time-weighted return and benchmark return concerning each asset class.

Composite factor: A factor combining elements of the asset allocation and individual asset factors and calculation errors.

(3) Contribution analysis of excess return (ii)

○ Domestic bonds

The time-weighted return of domestic bonds was -1.36%, which exceeds the benchmark return (-1.65%) by 0.29%.

In passive investment, as the overweighting of municipal bonds was tolerated, the expansion of the yield spread between municipal and government bonds had a negative impact. In active investment, regarding a 20-year laddered fund, classified as active investment, the expansion of the spread had a negative impact. However, the return for domestic bonds as a whole exceeded the benchmark, supported by privately placed municipal bonds held by member associations, which are not subject to market evaluation.

○ Domestic equities

The time-weighted return of domestic equities was 5.66%, which was below the benchmark return (5.81%) by 0.15%.

In passive investment, the return was generally similar to the benchmark. In active investment, value funds generally performed well, but growth funds and the performance of small- and mid-cap funds was poor. Regarding funds adopting smart beta strategies, the manager's benchmark return (5.11%) was lower than the return on the TOPIX index for those using a low-volatility strategy. As a result, the return on domestic equities as a whole was lower than the benchmark.

○ Foreign bonds

The time-weighted return of foreign bonds was -0.38%, which exceeds the benchmark return (-0.56%) by 0.19%.

In passive investment, the return was generally similar to the benchmark. In active investment, only two of the eight entrusted investment management institutions delivered a return higher than the manager's benchmark. As the return on the Bloomberg Global Aggregate Index (1.14%), which was adopted as the manager's benchmark by five of the eight institutions, was much higher than the benchmark (WGBI), the returns for all of the five exceeded the return on the WGBI. As a result, the return on foreign bonds as a whole exceeded the benchmark.

○ Foreign equities

The time-weighted return of foreign equities was 2.10%, which exceeds the benchmark return (1.88%) by 0.22%.

In passive investment, the return fell short of the benchmark due to the effects of dividend taxation. In active investment, some growth funds performed poorly. However, focused funds that invest in a limited number of issues and funds that make investment in ways that curb portfolio volatility performed well. As a result, an excess return was secured for active investments as a whole, and the return on foreign equities as a whole also exceeded the benchmark.

(4) Investment income

The investment income for FY2022 was JPY 102.1 billion for overall assets.

(Unit: JPY100M)

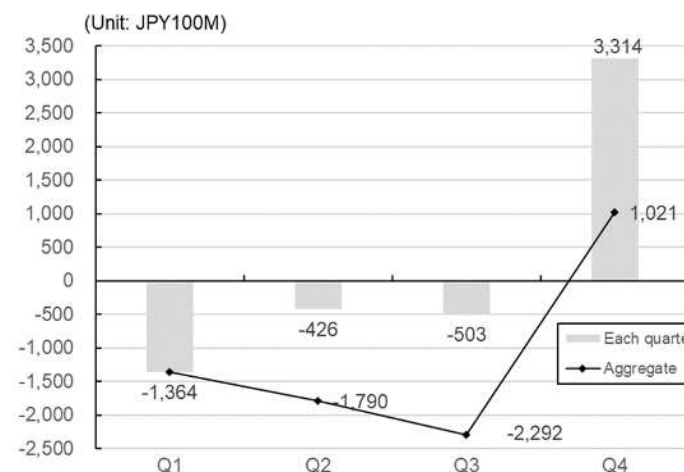
	FY2022				
	Q1	Q2	Q3	Q4	FY total
Investment income	-1,364	-426	-503	3,314	1,021
Domestic bonds	-133	-65	-262	250	-209
Short-term assets	(0)	(0)	(0)	(0)	(0)
Domestic equities	-632	-58	508	1,139	956
Foreign bonds	385	-255	-808	616	-61
Foreign equities	-984	-48	60	1,309	336

(Unit: JPY100M)

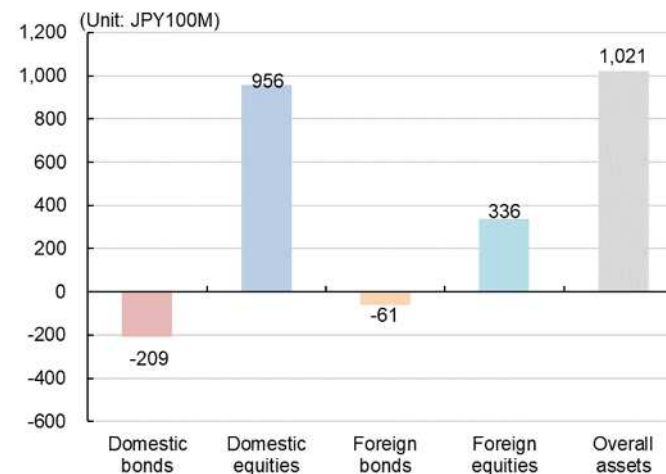
	FY2022				
	Q1	Q2	Q3	Q4	FY total
Realized income	887	890	651	689	3,117

- (Note 1) The total return and realized return represent the figures after the deduction of fees, etc.
- (Note 2) The investment income represents the realized income adjusted for the effects of changes in valuation gains/losses based on market value.
- (Note 3) Realized income represents the sum of trading profits/losses and interest and dividend income, etc.
- (Note 4) Due to rounding, the total sum of individual figures may not necessarily add up to FY total.

Changes in investment income



Total investment income by asset (aggregate for the fiscal year)



(5) Value of assets

The book value, total market value and valuation gains/losses by asset is as follows.

(Unit: JPY100M)

	End of FY2021			FY2022											
				End of Q1			End of Q2			End of Q3			End of Q4 (End of FY)		
	Book value	Total market value	Valuation gains/losses	Book value	Total market value	Valuation gains/losses	Book value	Total market value	Valuation gains/losses	Book value	Total market value	Valuation gains/losses	Book value	Total market value	Valuation gains/losses
Domestic bonds	14,225	14,805	579	14,139	14,575	436	14,626	14,944	318	14,291	14,315	24	14,634	14,829	194
Short-term assets	(605)	(605)	(0)	(524)	(524)	(0)	(1,035)	(1,035)	(0)	(386)	(386)	(0)	(673)	(673)	(0)
Domestic equities	13,113	17,393	4,280	13,208	16,760	3,552	13,293	16,702	3,410	13,614	17,210	3,596	13,462	17,749	4,287
Foreign bonds	14,031	14,553	522	14,097	14,938	842	14,172	14,602	430	14,324	13,794	-530	14,532	14,410	-121
Foreign equities	9,398	18,677	9,280	9,293	17,053	7,760	9,038	16,287	7,250	9,023	16,047	7,024	9,150	17,356	8,206
Total	50,766	65,428	14,661	50,737	63,327	12,590	51,129	62,536	11,407	51,252	61,366	10,114	51,778	64,343	12,565

(Note 1) Due to rounding, the total sum of individual figures may not necessarily add up to Total.

(Note 2) Short-term assets held by each fund were classified into relevant asset classes in principle.

(Note 3) Privately placed municipal bonds are included in domestic bonds

The amounts of funds allocated and withdrawn in FY2022 by asset class are as follows.

(Unit: JPY100M)

	Domestic bonds	Domestic equities	Foreign bonds	Foreign equities
Amount of funds allocated and withdrawn	166	-600	-81	-1,658

(Note) The above figures are the total sums of asset cancellations (cash-out) for the purpose of securing funds for pension benefits and fund transfer for each asset class related to asset cancellation and reinvestment for the purpose of asset portfolio mix adjustment (rebalancing).

(6) Fees

The amount of fees totaled JPY 3.8 billion in FY2022.
The fee rate relative to the value of investment assets came to 0.06%.

(Unit: JPY100M, %)

	FY2022	
	Fees	Fee rate
Domestic bonds	0	0.00
Domestic equities	15	0.09
Foreign bonds	7	0.05
Foreign equities	16	0.09
Overall assets	37	0.06

(Note 1) Fees include management fees and custodian fees related to investment.

(Note 2) The amount of fee is rounded off to the nearest hundred million yen.

(Note 3) Fee rate = fee amount/month-end market value average balance

3 Benchmark portfolio

Benchmark portfolio

1. Benchmark portfolio

	Domestic bonds	Domestic equities	Foreign bonds	Foreign equities
Asset mix	25%	25%	25%	25%
Deviation tolerance	±20%	±12%	±9%	±11%

(1) Approach to risk management

- Generally speaking, "risk" refers to danger or possibility of negative impact. In the field of asset investment, risk means uncertainty of returns, etc. associated with market volatility or other factors. ("Uncertainties of returns, etc." refers to the risk of the value of assets rising as well as falling.)
- Risks in the field of asset investment include interest rate fluctuation risk, price fluctuation risk, credit risk and liquidity risk. Therefore, it is important to understand the magnitude and multifaceted impacts of various risks commensurate with investment from a long-term perspective.
- The Federation appropriately implements risk management concerning investment in accordance with the implementation policy for risk management concerning investment of the funds in consideration of the points including the following: that investment of funds should be made safely and efficiently from a long-term perspective; and that diversified investments should be maintained in principle.

Implementation policy for risk management concerning investment of the fund (extract)

1. Basic approach concerning risk management

The National Federation of Mutual Aid Associations for Municipal Personnel appropriately conducts risk management related to the investment of funds in light of the following matters.

- (1) Investment of funds should be made safely and efficiently from a long-term perspective.
- (2) A benchmark portfolio should be developed and investment of funds should be made based on the benchmark portfolio through appropriate diversification across multiple asset classes with different risk/return profiles and other characteristics (hereinafter referred to as "diversified investment") in principle.

3. Method of risk management

(2) Matters unique to each reserve fund

(ii) Transitional Long-term Benefit Association Reserve Fund

- A. The Federation shall conduct appropriate risk management, especially paying attention to downside risks in light of the characteristics of a closed pension plan which receives no new contribution income, with constant awareness of the relationship between future liabilities and the fund.

(2) Risk management efforts

○ Management of the deviation of the asset mix

- Investment based on the benchmark portfolio requires the management of various risk factors. Therefore, in order to secure returns in line with the benchmark portfolio from the long-term perspective, it is important, in particular, to manage the degree of deviation of the asset mix ratio of the fund from that of the benchmark portfolio.
- Specifically, as the asset mix constantly changes due to asset price fluctuations, the Federation keeps track of the status of the deviation of the asset mix of the fund from that of the benchmark portfolio and manages the actual portfolio so as to keep the degree of deviation within a certain range (deviation tolerance). In this way, the Federation checks whether or not there are problems such as a deviation from the benchmark portfolio in excess of the deviation tolerance.

○ Monitoring of market risk, etc.

- The Federation identifies downside risks by using the value at risk approach, which measures the maximum foreseeable amount of losses expected under certain conditions, and the simulation of impact on funds in the case of fluctuation of share price and interest rate within a certain range (a stress test).
- As it also uses active investment in its investment of funds, the Federation seeks to earn an excess rate of return over the benchmark by diversifying investment strategies and investment issues within each asset class. Therefore, the Federation monitors the status of market risk (price volatility risk, etc. in each asset market), credit risk (default risk), etc. with respect to each asset class, mainly from the viewpoint of difference from the benchmark for each asset class.

○ Management of entrusted investment management institutions, etc.

The Federation manages liquidity risk (risk that purchasing and selling assets will become difficult due to a decline in trading volume) from the viewpoint of revising asset allocations (rebalancing) and smooth conversion of assets into cash. In addition, as the Federation entrusts the operation of some investment-related activities to external institutions, it monitors the status of management (status of risk management and asset administration) of the institutions to which it entrusts asset management or asset administration (entrusted investment management institutions and asset administration institutions), from the viewpoint of ensuring the smooth operation.

○ Reporting on the status of risk management and improvement measures implemented

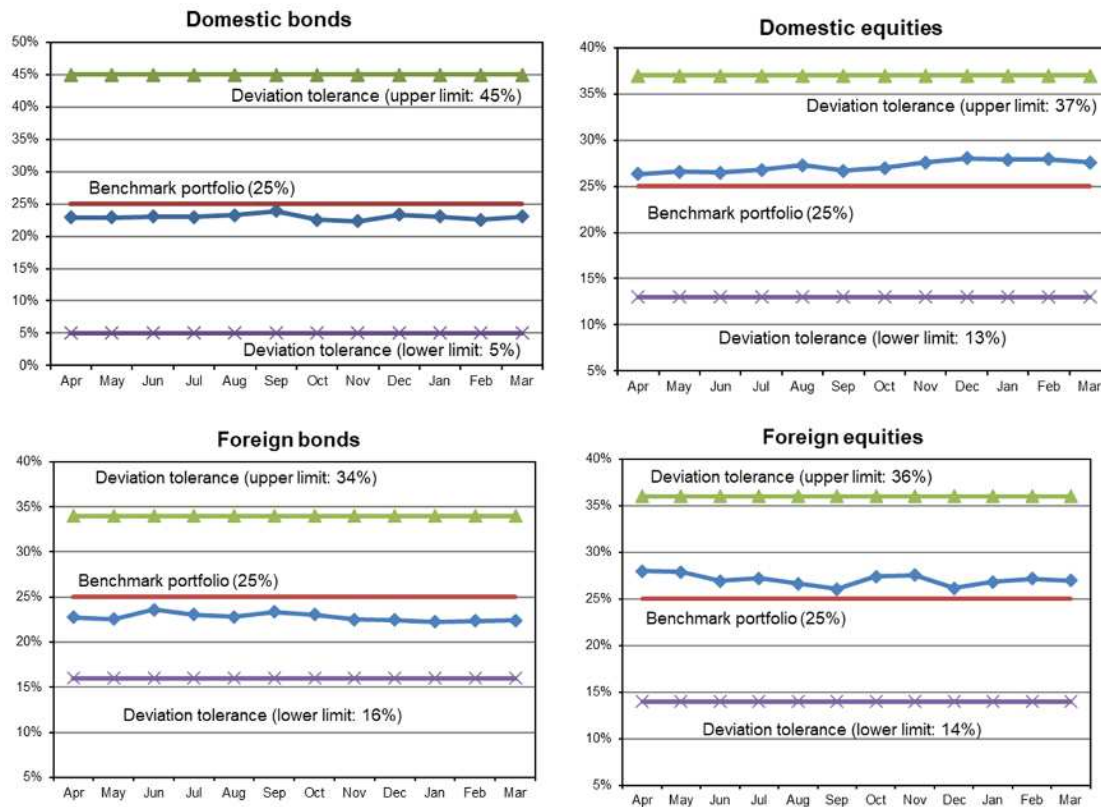
The status of risk management and improvement measures implemented are reported to the General Assembly and the Fund Management Committee.

(3) Status of risk management (overall assets)

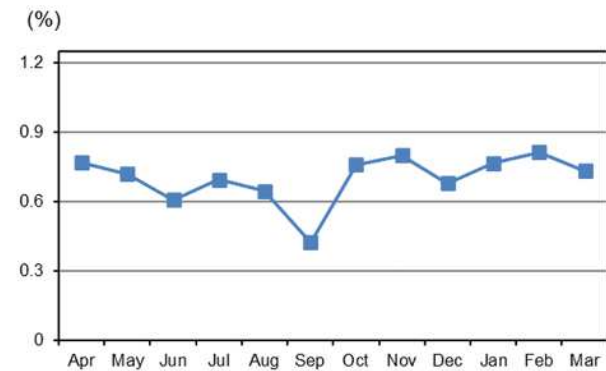
○ Asset mix and estimated tracking error

The asset-by-asset share in the asset mix stayed mostly at around the median value for all asset classes. The estimated tracking error concerning overall assets ranged from around 0.4% to 0.8%.

【Changes in the asset mix】



【Changes in the estimated tracking error】



Estimated tracking error:

A benchmark used to estimate the degree of deviation (standard deviation) of the future excess return (the difference between the return for the portfolio and the benchmark return)

(1) Efforts in FY2022

○ As part of its stewardship activity in FY2022, the Federation conducted surveys and interviews with entrusted investment management institutions regarding the status of their exercise of shareholders' voting rights and engagement and encouraged them to conduct efficient stewardship activity in accordance with their own investment styles and staffing situations. The Federation conducted surveys and interviews with investment management institutions entrusted with foreign equities as well as those entrusted with domestic equities.

Surveys and hearings of entrusted investment management institutions

Subjects	Period	Targets	Main subjects
Survey on exercise of voting rights	September 2022	Entrusted investment management institutions for domestic and foreign equities (12 companies for domestic equities and 8 companies for foreign equities) Entrusted investment management institutions for domestic and foreign equities (12 companies for domestic equities and 8 companies for foreign equities)	<ul style="list-style-type: none"> Results of exercise of voting rights Structure for exercise of voting rights
Survey on performance of stewardship activities	September 2022		<ul style="list-style-type: none"> Structure for managing conflicts of interest Details of engagement Strengthened efforts, challenges and issues
Interviews regarding the above two items	November 2022		<ul style="list-style-type: none"> Reason for the decision to exercise voting rights in relation to specific, individual proposals

(Note 1) The following twelve companies are entrusted with the investment management of domestic equities: Asset Management One Co., Ltd., Invesco Asset Management (Japan) Limited, Capital International K. K., Schroder Investment Management (Japan) Limited, Nikko Asset Management Co., Ltd., Nissay Asset Management Corporation, Nomura Asset Management Co., Ltd., Mizuho Trust & Banking Co., Ltd., Sumitomo Mitsui DS Asset Management Company, Limited, Sumitomo Mitsui Trust Bank, Limited, Mitsubishi UFJ Trust and Banking Corporation and Resona Bank, Limited

(Note 2) The following eight companies are entrusted with the investment management of foreign equities: Wellington Management, MFS Investment Management, State Street Global Advisors, SEIRYU Asset Management Ltd., Tokio Marine Asset Management Co., Ltd., Natixis Investment Managers, BlackRock Japan Co., Ltd. and Sumitomo Mitsui Trust Bank, Limited

Periodical reports related to stewardship activities

Subjects	Period	Targets	Main subjects
Report of the Federation's stewardship activity in its PR papers	February 2023	Executives and employees of the Federation and executives and employees of member associations	Federation's approach to stewardship activities
Providing information on an as-needed basis in addition to regular reports at executive meetings	As necessary	Executives of the Federation Executives and employees of member associations	Federation's approach to stewardship activities and ESG investment
Annual Stewardship Activity Report FY2022	March 2023	Publicized on the Federation's website	<ul style="list-style-type: none"> Results of monitoring of stewardship activities conducted by entrusted investment management institutions Status of exercise of voting rights of shareholders

(2) Main activities and future initiatives

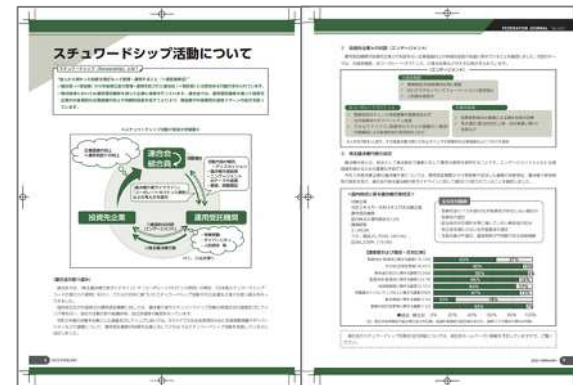
1. Periodical report

○ Annual Stewardship Activity Report FY2022

https://ssl.shichousonren.or.jp/fund/stewardship_active.html



○ Federation’s Newsletter (February issue)



2. Future initiatives

- Discussion of methods for evaluating entrusted investment management institutions according to their characteristics
The Federation believes that it is necessary to evaluate stewardship activity with due consideration given to the differences across entrusted investment management institutions in the business model and product lineup. The Federation will continue discussing the methods for monitoring entrusted investment management institutions’ effective stewardship activities and the appropriate methods for evaluation.
- Strengthening of information feedback
The Federation will publicize information through its website and other means and exercise its efforts to deepen the understanding by its members (beneficiaries) as to its stewardship activity by such means as PR papers and periodical reports at its general meetings.

- Gathering wide range of information
The Federation will continue gathering information through activities such as meetings with a broad range of institutional investors, participation in seminars featuring outside experts as instructors and information exchange with entrusted investment management institutions. Regarding assets other than domestic and foreign equities as well, the Federation has already held seminars with fund managers, analysts, etc. on themes such as the ESG approach concerning bonds, and the status of ESG efforts by Japanese companies as viewed from abroad. Going forward, the Federation will enhance its knowledge in the ESG field by gathering information from farther and wider than before with respect to ways of reflecting the ESG factors into investment, techniques for efficient measurement of the effects of ESG investment, and points of discussion regarding product evaluation.

Administration and evaluation of entrusted investment management institutions, etc. (traditional assets)

1. Administration and evaluation of entrusted investment management institutions

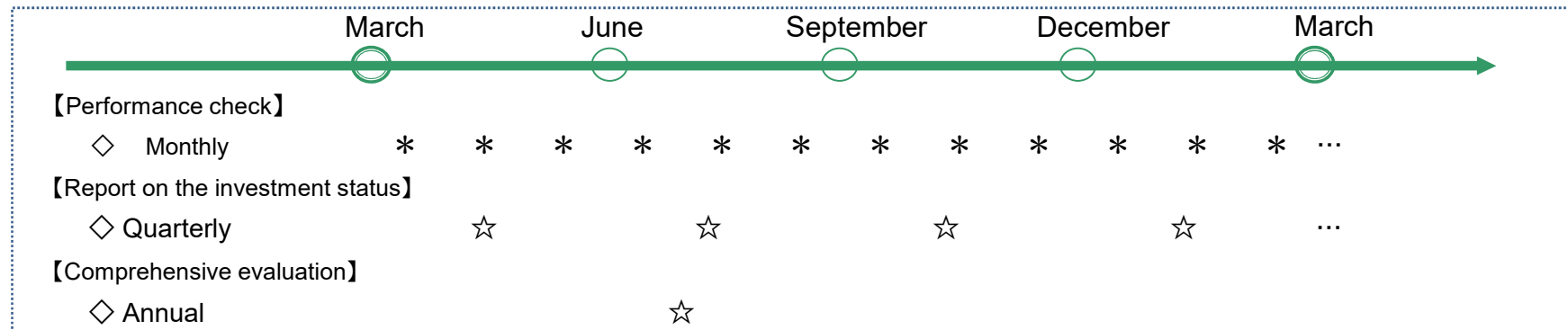
The Federation requires entrusted investment management institutions to submit monthly reports on investment results and the risk status and checks the status of compliance with the investment guidelines. The Federation also requires quarterly reports on the portfolio status, a factor breakdown of the excess return, and changes in the organizational structure and investment management system and conducts administration through measures such as receiving explanations about summary investment results and future investment policy, among other matters, as necessary at meetings.

The evaluation is conducted with the end of each fiscal year as the reference date based comprehensively on qualitative evaluation (e.g., investment management systems and processes, risk management, and compliance) and quantitative evaluation (the excess return and tracking error in the case of passive investment and the excess return and the information ratio, among other items, in the case of active investment). Quantitative evaluation is conducted based on actual results in the past three years and in the past five years, with the possible effects of the market environment and investment style taken into consideration.

☞ Three funds were partially cancelled (reduction) in the comprehensive evaluation whose base date is at the end of FY2021.

2. Administration and evaluation of asset administration institutions

The Federation requires monthly reports on the asset administration status in order to check the status of compliance with the asset administration guidelines and conducts administration through measures such as receiving explanations at meetings as necessary. Qualitative evaluation is conducted with respect to such items as the business operation system and asset administration system.



Section 2 Businesses and Fund Investment of the Federation

Organizational structure (1)

1. Organization

As of April 1, 2023, it is required that the Federation has executives consisting of one President, 13 Managing Directors and three Auditors, including one full-time Managing Director and one full-time Auditor with academic knowledge. The maximum number of employees is 126.

The organization consists of the General Affairs Department (General Affairs Division, Planning Division, Insurance Division and Welfare Division), the Finance Department (Accounting Division, Investment Planning Division, In-house Investment Division, Fund Management Division and Alternative Fund Management Division), the Pension Department (Pension Planning Division, Pension Information System Division, Pension Inspection Division, Pension Benefit Division and Retirement Pension Benefit Division), as well as the IT and Information Security Office, Investment Risk Management Office and Audit Office.

2. General Assembly

The General Assembly consists of 61 members, 47 of which are elected by mutual vote of the Presidents of associations which are the members of the Federation (hereinafter the "Member Associations"). Among the members of the General Assembly, 14 are elected by mutual vote of the Executive Directors of the Member Associations.

Revision of the articles of incorporation, the formulation and revision of the rules of operations, annual business plans, budgets and account settlement, disposal of important assets and assumption of significant debt are subject to resolution of the General Assembly.

3. Fund Management Committee

This is a committee consisting of members who possess academic knowledge or practical experience in areas such as the pension system, economics, finance and fund management, which studies expert matters pertaining to the establishment and revision of basic policies and the administration and investment of the Employees' Pension Insurance Benefit Association Reserve Fund, Annuity Retirement Benefit Association Reserve Fund and Transitional Long-term Benefit Association Reserve Fund (hereinafter the "Funds").

4. Long-term Benefit Fund Committee

This is a committee also participated in by the representatives of Member Associations, which conducts research and study relating to basic policies for investment of Funds and other important matters.

5. Operational Management Committee

This is a committee also participated in by the representatives of Member Associations, which conducts research and monitoring of business administration and fund management implemented by the Federation and the Member Associations, as well as assessment of business.

Organizational structure (2)

6. Fund Investment Review Council

This is a council for ensuring the safe and effective investment of surplus from business operation of each of the accountings of the Federation, discussing decision-makings as to the investment of funds. This council is constituted by a full-time managing director (hereinafter a "Senior Managing Director"), the Secretary-General, the General Manager of Finance Department, the Chief Investment Specialist, the Senior Investment Specialist, the Manager of Investment Planning Division, the Manager of In-house Investment Division, the Manager of Fund Management Division, the Manager of Alternative Fund Management Division, the Manager of Investment Risk Management Office, and other members as may be deemed necessary. In principle, the council regularly meets once a month, and from time to time depending on the necessity.

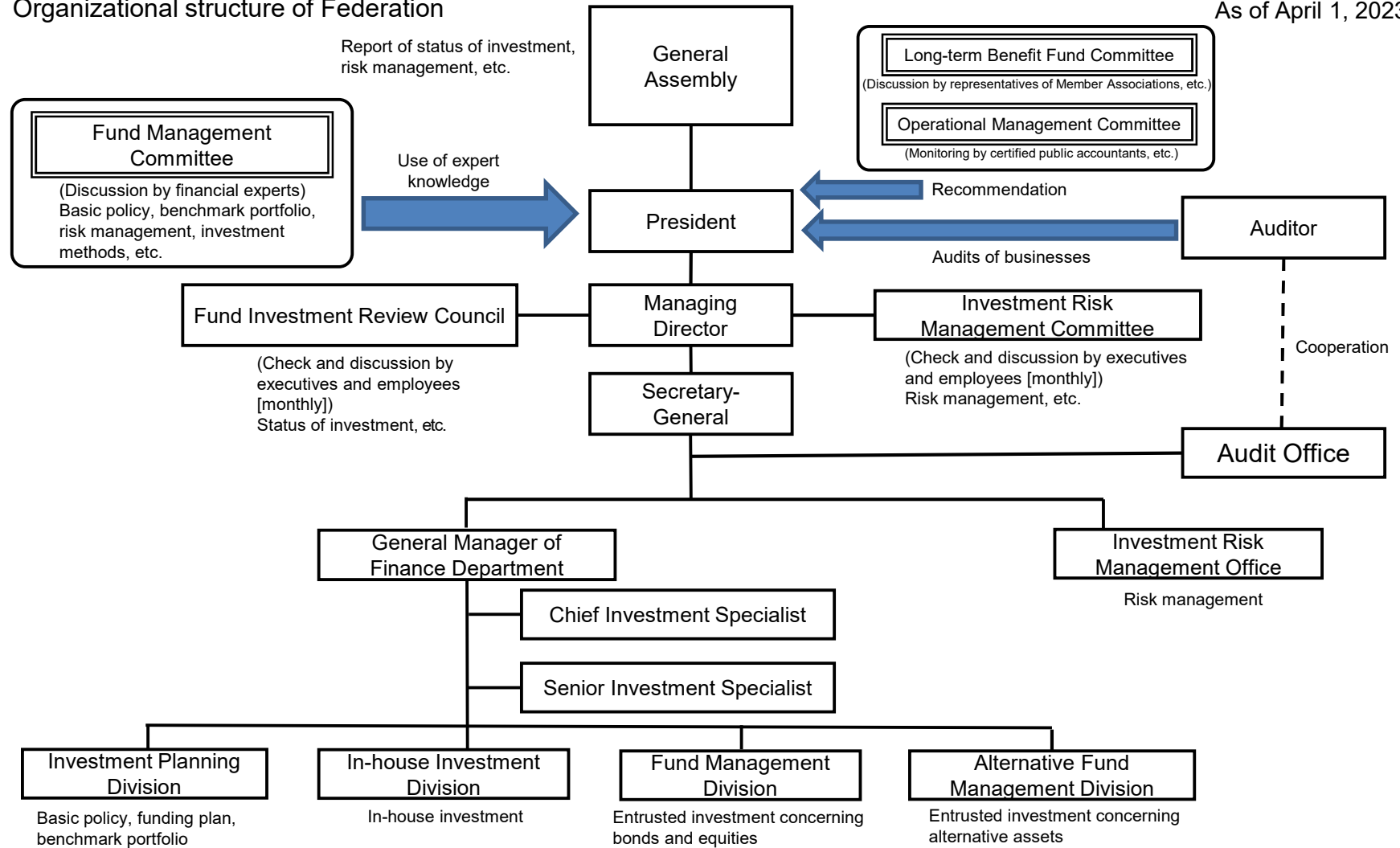
7. Investment Risk Management Committee

This is a committee to conduct activities such as verification, reporting and discussion so as to ensure appropriate risk management related to fund investment. This committee is constituted by the Senior Managing Director, the Secretary-General, the Manager of Investment Risk Management Office, the General Manager of Finance Department and other members as may be deemed necessary. In principle, the council regularly meets once a month, and from time to time depending on the necessity.

Organizational structure (3)

8. Organizational structure of Federation

As of April 1, 2023



Fund Management Committee (1)

○ Fund Management Committee

A Fund Management Committee is established within the Federation. The Committee shall comprise of members who possess academic knowledge or practical experience in areas such as the pension system, economics, finance and fund management. Members are appointed by the President.

As an advisory body for the President, the Fund Management Committee has a duty to conduct research on basic issues relating to fund management, discuss matters necessary for the achievement of the purpose to contribute to the safe and efficient fund management, and to report the findings to the President. The Committee is also to give advice to the President for any other important matters relating to the fund management.

For expert matters relating to the management and investment of Funds, including the adoption and amendment of basic policies for the management and investment of Funds including benchmark portfolio, deliberation at the Fund Management Committee is required.

List of Fund Management Committee Members (As of April 2023)		
	Ohno Sanae	Vice President, Musashi University
Chairperson	Kato Yasuyuki	Professor, Business School, Kyoto University of Advanced Science Adjunct Professor, Kyoto University Specially Appointed Professor, Tokyo Metropolitan University
	Takehara Hitoshi	Professor, Waseda Business School (Graduate School of Business and Finance)
	Tokushima Katsuyuki	NLI Research Institute Director, Member of the Board, Head of Pension Research, CMA Financial Research Department
	Toshino Masashi	Specially Appointed Professor, Faculty of Business Administration , Seikei University
	Miwa Yumiko	Professor, Faculty of Commerce, Meiji University

(Note) In Japanese alphabetical order, honorifics omitted.

Fund Management Committee (2)

○ Meetings of the Fund Management Committee (FY2022)

Meeting number	Meeting date	Main subjects
52nd	June 16, 2022 (Web conference)	<ul style="list-style-type: none"> • Consultation paper • Subjects to be discussed this year and how to proceed with them • Examination of the benchmark portfolio for the Employees' Pension Insurance Benefit Association Reserve Fund • Examination of the benchmark portfolio for the Transitional Long-term Benefit Association Reserve Fund • Recommendation paper (draft) • Status of investment of pension funds • Effect of the Russia-Ukraine situation and status of investment, etc.
53rd	November 28, 2022 (Web conference)	<ul style="list-style-type: none"> • Examination of the benchmark portfolio for the Annuity Retirement Benefit Association Reserve Fund • Recommendation paper (draft) • Status of investment of pension funds • Status of investment of domestic bonds • Status of investment in alternative assets
54th	March 23, 2023	<ul style="list-style-type: none"> • Investment of pension funds in FY2023 • Status of investment of pension funds • Stewardship activities

Basic approach to investment

○ Basic policy

The Federation shall manage the fund with the objective of contributing to the stability of the transitional long-term benefit ("TLTB") plan operations based on the characteristics of a closed-end pension fund that will have no new contribution income, especially paying attention to downside risks, with constant awareness of the relationship between future liabilities and the fund and from a long-term perspective and in a stable and efficient manner.

In the management of funds, investments shall be made in a way that ensures appropriate diversification across multiple assets with different risk/return profiles and other characteristics.

The investment of the Transitional Long-term Benefit Association Reserve Fund, which has the characteristics of a closed pension plan, shall be managed appropriately by establishing the benchmark portfolio in order to generate investment returns needed for the reserve fund with the minimum risk, while fully paying attention to the relationship between future liabilities and the reserve fund. In addition, efforts shall be made to earn the benchmark return for overall assets and each asset class, as well as generating benchmark returns for overall assets and each asset class over the long term.

Basic Policy for Management and Investment of Transitional Long-term Benefit Association Reserve Fund (Extract)

1. Basic Policy

The Federation shall manage the TLTB association reserve fund with the objective of contributing to the stability of the TLTB plan operations based on the characteristics of a closed-end pension fund that will have no new contribution income, especially paying attention to downside risks, with constant awareness of the relationship between future liabilities and the fund and from a long-term perspective and in a stable and efficient manner.

Accordingly, on the basis of appropriately diversifying investments in multiple assets that differ in risk/return and other characteristics ("diversified investment"), the Federation shall manage and invest the TLTB association reserve fund by establishing an asset mix from the long-term perspective (the "benchmark portfolio").

2. Investment target

The investment of the TLTB association reserve fund, which has the characteristics of a closed pension plan, shall be managed appropriately by establishing the benchmark portfolio in order to generate investment returns needed for the fund with the minimum risk, while fully paying attention to the relationship between future liabilities and the fund.

In doing so, attention shall be paid not to distort price formation in the market and private sector investment activities.

In addition, efforts shall be made to earn the benchmark return for overall assets each asset class for each fiscal year, as well as generating benchmark returns for overall assets and each asset class over the long term.

Section 3 Reference Data

Changes in the investment return and investment income (since the integration of employee pension plans)

1. Investment return

	FY 2015 (second half)	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Return	0.97	4.90	6.81	1.22	-4.97	24.44	5.76	1.70
Domestic bonds	3.80	-0.52	0.96	1.55	-0.34	0.17	-0.45	-1.36
Short-term assets	0.02	0.01	0.00	0.00	0.00	(0.00)	(0.00)	0.00
Domestic equities	-4.50	14.94	16.32	-5.26	-9.00	41.93	1.78	5.66
Foreign bonds	-2.21	-5.19	3.65	2.62	4.07	5.93	2.01	-0.38
Foreign equities	-0.93	14.34	9.57	7.82	-13.33	58.91	17.96	2.10

	FY 2015 (second half)	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Realized return	2.15	2.59	5.09	3.57	2.94	5.60	6.94	6.12

2. Value of investment income

	FY 2015 (second half)	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Investment income	560	2,795	3,913	717	-2,842	12,855	3,696	1,021
Domestic bonds	1,198	-141	234	328	-68	31	-66	-209
Short-term assets	1	0	0	0	0	(0)	(0)	(0)
Domestic equities	-444	1,800	2,317	-828	-1,286	5,265	314	956
Foreign bonds	-119	-314	238	212	350	614	288	-61
Foreign equities	-75	1,449	1,125	1,005	-1,838	6,945	3,160	336

	FY 2015 (second half)	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Realized income	1,085	1,305	2,508	1,756	1,431	2,706	3,451	3,117
(Income gain)	(522)	(1,078)	(1,360)	(1,176)	(1,149)	(1,035)	(1,155)	(1,302)

(Note 1) The investment return for fiscal year 2015 is the period rate for the second half of fiscal year 2015.

(Note 2) The investment income for fiscal year 2015 is the aggregate amount of investment income for the second half of fiscal year 2015.

(Note 3) Income gains comprise interest and dividend income.

(Note 4) The figures for short-term assets after fiscal year 2020 are included in domestic bonds.

(Note 5) The figures for returns for the periods from FY2015 to FY2021 represent total modified returns (after the deduction of fees, etc.), and the figures for returns for FY2022 represent time-weighted returns (before the deduction of fees, etc.)

Issues held

The tables below show the top 10 bond and equity issues held indirectly through entrusted investment, directly through in-house investment, and indirectly through depositing with member associations as of the end of March 2023, with bond issues classified by issuer name and equity issues by issue name. For information concerning bond and equity issues ranked 11th or lower, see the website of the Federation (available in Japanese only).

The status of holding of issues does not represent the assessment of investees by the Federation.

○ Domestic bond (in order of total market value)

No.	Names of issuer	Total market value (Unit: JPY100M)
1	Government of Japan	3,731
2	Japan Finance Organization for Municipalities	3,417
3	Hyogo Prefecture	629
4	Osaka Prefecture	316
5	Osaka City	294
6	East Japan Railway Company	271
7	Tokyo Metropolitan Government	241
8	Kobe City	224
9	Japan Expressway Holding and Debt Repayment Agency	197
10	Kitakyushu City	197
Total	58 Issuers	12,403

○ Domestic equity (in order of total market value)

No.	Issue names	No. of shares	Total market value (Unit: JPY100M)
1	Toyota Motor Corporation	28,360,700	541
2	Sony Corporation	3,747,700	451
3	Keyence Corporation	534,600	345
4	Nippon Telegraph and Telephone Corporation	8,195,400	330
5	Mitsubishi UFJ Financial Group	35,684,700	308
6	Sumitomo Mitsui Financial Group	4,610,800	250
7	Daiichi Sankyo	5,025,900	243
8	Shin-Etsu Chemical	5,494,400	238
9	Hitachi	2,686,600	197
10	Tokyo Electron	1,201,600	196
Total	2,196 Issues		17,615

○ Foreign bond (in order of total market value)

No.	Names of issuer	Total market value (Unit: JPY100M)
1	UNITED STATES TREASURY	6,949
2	FRANCE, REPUBLIC OF (GOVERNMENT)	1,148
3	ITALY, REPUBLIC OF (GOVERNMENT)	1,108
4	GERMANY, FEDERAL REPUBLIC OF (GOVERNMENT)	922
5	SPAIN, KINGDOM OF (GOVERNMENT)	710
6	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND (GOVERNMENT)	683
7	CANADA (GOVERNMENT)	300
8	BELGIUM, KINGDOM OF (GOVERNMENT)	259
9	AUSTRALIA, COMMONWEALTH OF (GOVERNMENT)	220
10	NETHERLANDS, KINGDOM OF THE (GOVERNMENT)	207
Total	663 Issuers	14,455

○ Foreign equity (in order of total market value)

No.	Issue names	No. of shares	Total market value (Unit: JPY100M)
1	APPLE INC	3,155,978	693
2	MICROSOFT CORP	1,508,709	579
3	AMAZON.COM INC	2,062,896	284
4	ALPHABET INC-CL A	1,568,855	217
5	NVIDIA CORP	486,061	180
6	ALPHABET INC-CL C	1,148,728	159
7	META PLATFORMS INC	558,447	158
8	TESLA INC	523,441	145
9	VISA INC	471,931	142
10	TAIWAN SEMICONDUCTOR MANUFACTURING	5,680,861	133
Total	2,940 Issues		17,229

(Note 1) The names of issuers and issues are those assigned by the Federation as of the end of March 2023 using data from the Nomura Research Institute's T-STAR/GX system, MSCI's Barra One, and Bloomberg.

(Note 2) The total market value of bonds is an aggregated figure calculated for each issuer by the Federation based on data registered in T-STAR/GX system of Nomura Research Institute.

(Note 3) The names of issuers and issues may be different from those on the list of all issues held published separately on the website.