## Investment results for 30 of fiscal 2017

## Government Pension Investment Fund, Japan

The Government Pension Investment Fund (GPIF) manages the public pension fund in the long-term and its investment results should be assessed in the same manner. In addition to the annual report, which is legally required, the GPIF publishes the quarterly report to enhance the transparency to the public.
Please note that the results include the change of the fair market value and that the results tend to fluctuate in accordance with the market movement.

|  | 2017 3Q | From fiscal 2001 <br> to 3Q of fiscal 2017 |
| :---: | :---: | :---: |
| Rate of investment return <br> (Investment income/loss <br> $(¥$ billion) $)$ | $+3.92 \%$ (Not annualized) <br> $(+6,054.9$ <br> (Income and dividend | $+3.39 \%$ (Annualized) <br> $(+68,982.2$ (Income and dividend <br> income 30,319.9)) |
| Total assets <br> $(¥$ billion) | $162,672.3$ <br> (End of 3Q of fiscal 2017) |  |



Note1: The GPIF's portfolio consists of the funds invested in the markets (hereinafter "market investment," which is marked to market) and FILP bonds (Fiscal Investment and Loan Program bonds), which are held to maturity and valued at amortized costs.
Note2: Return figures are the average of returns of market investment and FILP bonds weighted with investment principal, and are gross of fees
Note3: Period rate of return and period investment income are compared from the previous quarter.
Note4: Rate of investment return (Annualized) is calculated as a geometric mean
Note5: Cumulative Income adds Investment income/loss of each fiscal year until the previous fiscal year and Investment income/loss of until this quarter.

## Reference index : 3Q of fiscal 2017

OMarket Information

|  |  | 2017/3 | 2017/9 | 2017/10 | 2017/11 | 2017/12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Domestic bonds | JGB 10-year yield (\%) | 0.07 | 0.06 | 0.07 | 0.04 | 0.05 |
| Domestic equities | TOPIX (points) | 1,512.60 | 1,674.75 | 1,765.96 | 1,792. 08 | 1,817.56 |
|  | Nikkei225 (\%) | 18, 909. 26 | 20,356. 28 | 22,011.61 | 22, 724.96 | 22,764.94 |
| Foreign bonds | U.S. Treasury 10-year yield (\%) | 2.39 | 2.34 | 2.38 | 2. 42 | 2. 41 |
|  | German Government Bond 10-year yield (\%) | 0.33 | 0. 46 | 0.36 | 0.37 | 0.42 |
| Foreign equities | NY Dow (\$) | 20,663. 22 | 22, 405. 09 | 23,377. 24 | 24, 272. 35 | 24, 719. 22 |
|  | DAX (points) | 12, 312. 87 | 12, 828. 86 | 13,229.57 | 13, 023.98 | 12,917.64 |
|  | SSEC (points) | 3, 222.51 | 3, 348. 94 | 3, 393. 34 | 3,317. 19 | 3,307. 17 |
| FX | \%/\$ | 111.43 | 112.57 | 113.63 | 111.91 | 112.65 |
|  | \%/€ | 119.18 | 133.07 | 132.37 | 133.43 | 135.27 |

## OBenchmarks

|  | 201730 | 2017 10-30 |
| :---: | :---: | :---: |
| Domestic bonds Composite Benchmark | 0.39\% | 0.51\% |
| NOMURA-BPI non-ABS | 0.33\% | 0.53\% |
| Domestic equities TOPIX (incl. dividends) | 8. $69 \%$ | 21.54\% |
| Foreign bonds <br> Citi World Government Bond Index (not incl. JPY, no hedge/JPY basis) | 1. $29 \%$ | 8. $73 \%$ |
| cf. Citi World Government Bond Index (not incl. JPY, Local currency basis) | 0.48\% | 1.58\% |
| Foreign equities MSCI ACWI (not incl. JPY, JPY basis, incl. dividends, after taking into account our dividend tax factors) | 5. 68\% | 17.39\% |
| cf. MSCI ACWI (not incl. JPY, Local currency basis, incl. dividends, after taking into account our dividend tax factors) | 5.17\% | 13.17\% |

## Investment assets and portfolio allocation

(Reserve Funds managed by GPIF and the Pension Special Account)

End of December 2017

|  | Allocation of <br> Reserve Funds |
| :---: | ---: |
| Domestic bonds | $27.67 \%$ |
| Domestic equities | $26.05 \%$ |
| Foreign bonds | $14.13 \%$ |
| Foreign equities | $25.08 \%$ |
| Short-term assets | $7.06 \%$ |
| Total |  |

Asset allocation at the end of December 2017


Note 1 : Policy Asset Mix (Domestic bonds $35 \%( \pm 10 \%)$, Domestic equities $25 \%( \pm 9 \%)$, Foreign bonds $15 \%( \pm 4 \%)$, Foreign equities $25 \%( \pm 8 \%)$ )
Note 2 : The percentage of the alternative investments : $0.10 \%$ (within maximum $5 \%$ of total portfolio)

## Investment results for 3Q of fiscal 2017

＜Total investments（market investments＋FILP bonds）》

| Fiscal year | 2016 |  |  |  |  | 2017 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 2Q | 3Q | 4Q | Total | 1Q | 2Q | 3Q | 4Q | Total |
| Rate of investment return（\％） | －3．88 | 1.84 | 7.98 | 0.21 | 5.86 | 3.54 | 2.97 | 3.92 |  | 10.70 |
| Investment income／loss（ $¥$ billion） | －5，234．2 | 2，374．6 | 10，497．1 | 298.8 | 7，936．3 | 5，115．3 | 4，451．7 | 6，054．9 |  | 15，621．9 |
| Total assets（ $¥$ billion） | 129，701．2 | 132，075．1 | 144，803．6 | 144，903．4 | 144，903．4 | 149，198．7 | 156，817．7 | 162，672．3 |  | 162，672．3 |

## 《Reference》

## （Market investments）

| Fiscal year | 2016 |  | 2017 |  |  |
| :---: | ---: | ---: | ---: | ---: | :---: |
|  |  | 1 Q | 2 Q | 3 Q |  |
| Modified total return（\％） <br> （Time－weighted return） | 5.94 | 3.57 <br> $(3.93)$ | 2.99 <br> $(2.96)$ | 3.94 <br> $(3.89)$ |  |
| Investment income／loss（¥billion） | $7,889.9$ | $5,108.1$ | $4,445.5$ | $6,049.6$ |  |
| Total assets（¥billion） | $143,256.2$ | $147,777.7$ | $155,620.8$ | $161,700.7$ |  |

## （FILP bonds）

| Fiscal year | 2016 |  | 2017 |  |  |
| :---: | ---: | ---: | ---: | ---: | :---: |
|  |  | 1 Q | 2 Q | 3 Q |  |
| Rate of investment return（\％） | 1.77 | 0.45 | 0.45 | 0.46 |  |
| Investment income／loss（¥billion） | 46.4 |  | 7.2 | 6.2 |  |
| Total assets（ $¥$ billion） | $1,647.2$ | $1,421.0$ | $1,196.9$ | 9.3 |  |

Note1：Fiscal year ends on March 31.
Note2：FILP bonds；Fiscal Investment and Loan Program bonds．

## Investment return

## <Total investments»

| Fiscal year | 2016 | 2017 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1Q | 2Q | 3Q | 4Q | Total |
| Rate of investment return | 5.86 | 3.54 | 2.97 | 3.92 |  | 10.70 |

## 《Reference》



| Fiscal year | 2016 | 2017 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1Q | 2Q | 3Q | 4Q | Total |
| Time-weighted return | 5.93 | 3.58 | 2.96 | 3.89 |  | 10.79 |
| Domestic bonds | -0.85 | -0.01 | 0.16 | 0.39 |  | 0.55 |
| Domestic equities | 14.89 | 6.59 | 4.79 | 8.68 |  | 21.38 |
| Foreign bonds | -3.22 | 4.45 | 2.49 | 1.21 |  | 8.35 |
| Foreign equities | 14.20 | 5.48 | 5.55 | 5.65 |  | 17.63 |


| (FILP bonds) (unit : \%) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal year | 2016 | 2017 |  |  |  |  |
|  |  | 1Q | 2Q | 3Q | 4Q | Total |
| Rate of investment return | 1.77 | 0.45 | 0.45 | 0.46 |  | 1.35 |

## Investment income/loss

| 《Total investments» |  |  |  |  | (unit : $¥$ billion) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal year | 2016 | 2017 |  |  |  |  |
|  |  | 1Q | 2Q | 3Q | 4Q | Total |
| Investment income/loss | 7,936.3 | 5,115.3 | 4,451.7 | 6,054.9 |  | 15,621.9 |

## <Reference》

| (unit : $¥$ billion) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal year | 2016 | 2017 |  |  |  |  |
|  |  | 1Q | 2Q | 3Q | 4Q | Total |
| Investment income/loss | 7,889.9 | 5,108.1 | 4,445.5 | 6,049.6 |  | 15,603.1 |
| Domestic bonds | -395.8 | -1.4 | 74.8 | 176.4 |  | 249.7 |
| Domestic equities | 4,554.6 | 2,316.1 | 1,795.9 | 3,407.7 |  | 7,519.7 |
| Foreign bonds | -596.2 | 880.9 | 539.9 | 275.6 |  | 1,696.4 |
| Foreign equities | 4,327.3 | 1,912.4 | 2,034.9 | 2,189.9 |  | 6,137.2 |
| Short-term assets | 0.0 | 0.1 | 0.0 | 0.0 |  | 0.1 |

(FILP bonds)

| (unit : $¥$ billion) |
| :---: |
| Total |
| 18.7 |

## Historical data on investment income and investment return

Cumulative investment income (FY2001-2017 3Q)


|  | FY2001 | FY2002 | FY2003 | FY2004 | FY2005 | FY2006 | FY2007 | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 Apr to Dec | $\begin{aligned} & \hline \text { FY2006- } \\ & 201730 \end{aligned}$ | $\begin{aligned} & \hline \text { FY2001- } \\ & 20173 Q \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investment income ( $¥$ billion) | -587.4 | -2,453.0 | 4,891.6 | 2,612.7 | 8,961.9 | 3,944.5 | -5,517.8 | -9,348.1 | 9,185.0 | -299.9 | 2,609.2 | 11,222.2 | 10,220.7 | 15,292.2 | -5,309.8 | 7,936.3 | 15,621.9 | 55,556.4 | 68,982.2 |
| Rate of investment return | -1.80\% | -5.36\% | 8.40\% | 3.39\% | 9.88\% | 3.70\% | -4.59\% | -7.57\% | 7.91\% | -0.25\% | 2.32\% | 10.23\% | 8.64\% | 12.27\% | -3.81\% | 5.86\% | 10.70\% | 3.66\% | 3.39\% |

Note: Fiscal year ends on March 31.

