



# ECONOMIC AND SOCIAL STABILIZATION FUND

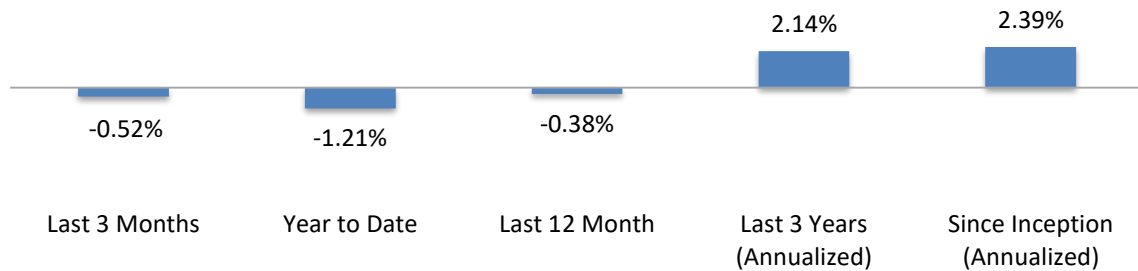
Quarterly Executive Report as of September 2018

# EXECUTIVE SUMMARY

Third Quarter 2018

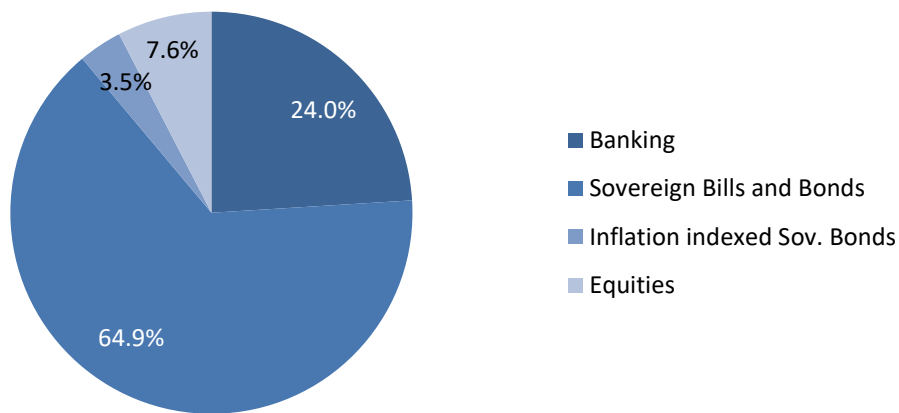
Market Value	Withdrawals	Net Income
<b>US\$14.0</b> billion	<b>US\$ 541.6</b> million	<b>US\$ -74.9</b> million

## Return in dollars<sup>1</sup>



Source: Ministry of Finance based on information provided by JP Morgan.

## Portfolio Composition



<sup>1</sup> Returns reported in this document correspond to the Time Weighted Rate of Return (TWR), unless otherwise stated. Returns for periods greater than one year are annualized. For periods of less than one year, the return corresponds to the change during the period. Net returns reported are net of management fees.

## I. MARKET VALUE OF THE FUND

**Table 1: Quarterly change in market value**

(millions of dollars)

Changes in Market Value (US\$ million)	2017		2018		Since Inception <sup>(a)</sup>
	Q4	Q1	Q2	Q3	
Starting Market Value	14,615.1	14,738.8	14,937.6	14,636.9	0.00
Contributions	0.00	0.00	0.00	0.00	21,765.7
Withdrawals	0.00	0.00	0.00	-541.6	-11,394.4
Accrued Interest	38.3	41.0	41.9	42.6	3,000.5
Capital Gains (Losses)	86.3	158.4	-341.9	-116.8	671.4
Admin., Custody and Other Costs <sup>(b)</sup>	-0.8	-0.7	-0.7	-0.8	-22.8
<b>Final Market Value</b>	<b>14,738.8</b>	<b>14,937.6</b>	<b>14,636.9</b>	<b>14,020.4</b>	<b>14,020.4</b>

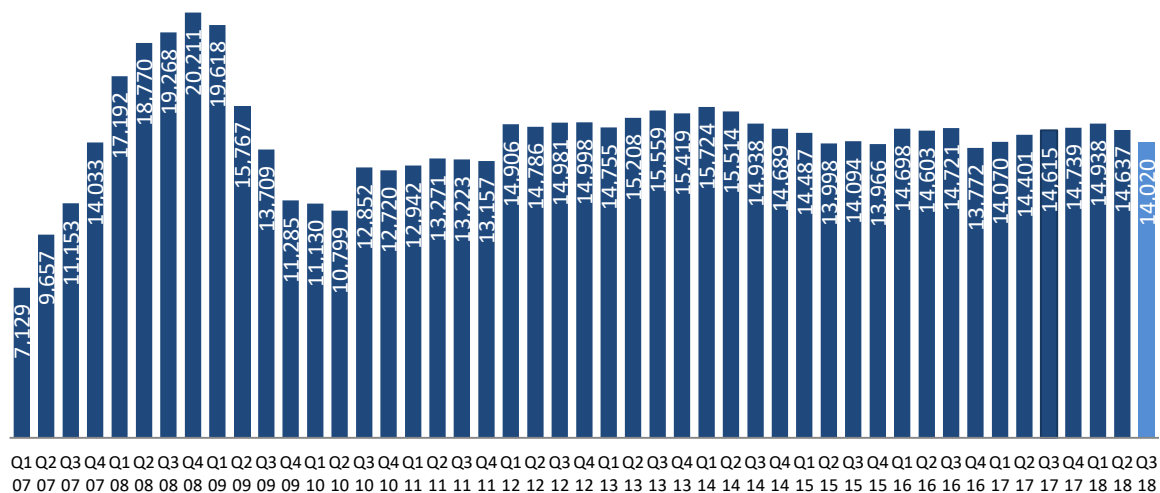
<sup>(a)</sup> The ESSF was established by the merger of the fiscal assets saved under Decree Law N° 3.653 (1981) with those of the Copper Income Compensation Fund. The first payment into the new fund was made on March 6, 2007.

<sup>(b)</sup> It includes costs associated with consultants and others.

Source: Ministry of Finance, based on information provided by JP Morgan.

**Figure 1: ESSF market value development**

(millions of dollars)



Source: Ministry of Finance, based on information provided by JP Morgan.

## II. RETURNS

**Table 2: Performance by asset class<sup>2</sup>**  
(percent)

Returns <sup>(a)</sup>	Last 3 Months	Year to Date	Last 12 Months	Last 3 Years (Annualized)	Since Inception (Annualized) <sup>(b)</sup>
Money Market and Sovereign Bonds	-0.97%	-1.72%	-1.32%	1.15%	0.06%
Sovereign Inflation Linked Bonds	-0.54%	-0.73%	0.25%	2.04%	0.10%
Equities	4.34%	4.08%	10.07%	13.71%	9.66%
<b>Return in USD</b>	<b>-0.52%</b>	<b>-1.21%</b>	<b>-0.38%</b>	<b>2.14%</b>	<b>2.39%</b>
Exchange Rate (CLP)	2.09%	7.52%	3.87%	-2.09%	1.79%
<b>Return in CLP <sup>(c)</sup></b>	<b>1.56%</b>	<b>6.22%</b>	<b>3.48%</b>	<b>0.01%</b>	<b>4.22%</b>

<sup>(a)</sup> Time Weighted Return (it's calculated as the growth rate of the funds that were invested throughout the period).

<sup>(b)</sup> For the entire ESSF the return is calculated from March 31, 2007, when the Central Bank of Chile's performance started to be measured. Due to the change in the fund's investment policy occurred in 2013, the returns of the following classifications, "Money market and sovereign bonds" and "Sovereign bonds indexed to inflation" are calculated starting in the beginning of August 2013 and for "Equities" starting in the middle of August of 2013.

<sup>(c)</sup> CLP return corresponds to the sum of the percentage change of the CLP/USD exchange rate and the USD return.

Source: Ministry of Finance, based on information provided by JP Morgan.

**Table 3: Excess returns**  
(basis points)

Excess Returns <sup>(a)</sup>	Last 3 Months	Year to Date	Last 12 Months	Last 3 Years (Annualized)	Since Inception (Annualized) <sup>(b)(c)</sup>
Money Market and Sovereign Bonds	3	6	8	7	2
Sovereign Inflation Linked Bonds	7	12	11	3	-8
Equities	-6	-20	-30	-33	-3
<b>Total Portfolio</b>	<b>7</b>	<b>6</b>	<b>10</b>	<b>5</b>	<b>-4</b>

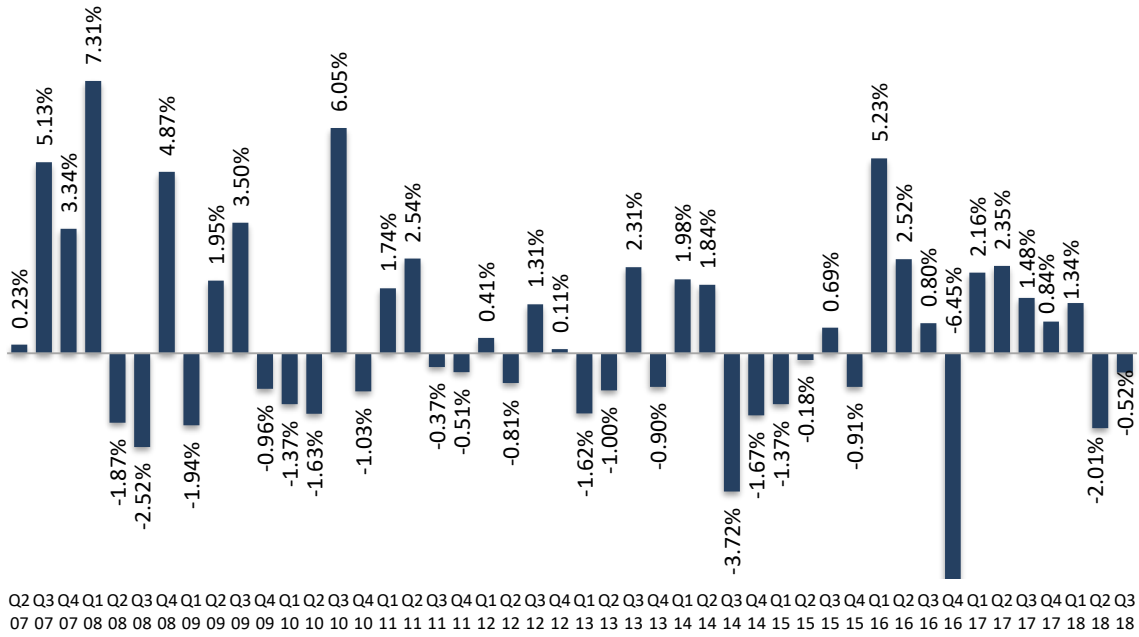
<sup>(a)</sup> Time Weighted Return (it's calculated as the growth rate of the funds that were invested throughout the period).

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Source: Ministry of Finance, based on information provided by JP Morgan.

<sup>2</sup> Returns for periods of more than one year are compound annualized rates while those for less than a year correspond to the change as seen in the stated period. To meet high standards of transparency and provide a better assessment of the gains or losses on investments, the Ministry of Finance discloses the fund's return in different time horizons and currencies. With respect to the time horizon, it is important to note that, in keeping with the medium-and long term investment policy, the return assessment should focus on that period, disregarding fluctuations that may occur monthly or quarterly. With regard to returns expressed in different currencies, the return in US dollars allows for an assessment which is more in line with the investment policy given that the fund's resources are wholly invested abroad and in foreign currencies. The return in Chilean pesos is also disclosed. This return reflects changes in the peso-dollar exchange rate and, therefore, may experience greater fluctuations. Finally, as with any investment, returns obtained in the past do not guarantee future positive results.

**Figure 2: Quarterly returns in dollar (TWR)**  
(percent)



Source: Ministry of Finance, based on information provided by JP Morgan.

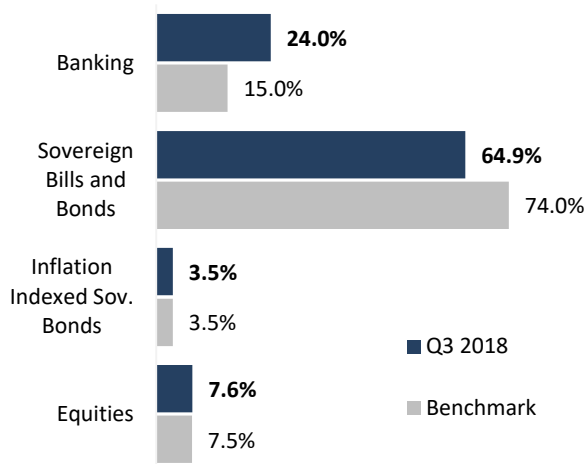
**Figure 3: Internal rate of return (IRR)**  
(percent)



Source: Ministry of Finance, based on information provided by JP Morgan.

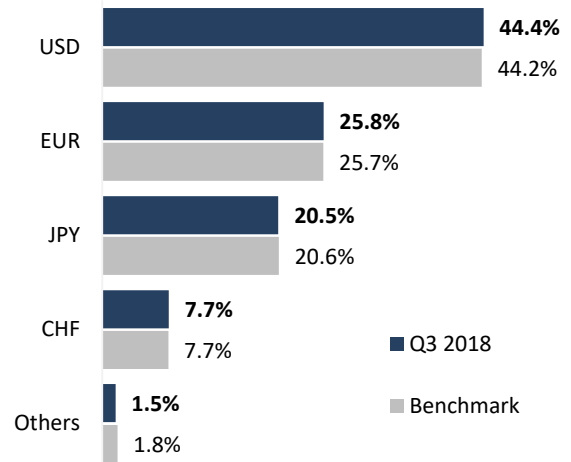
### III. PORTFOLIO ALLOCATION

**Figure 4: Investments by asset class**  
(percent of total)



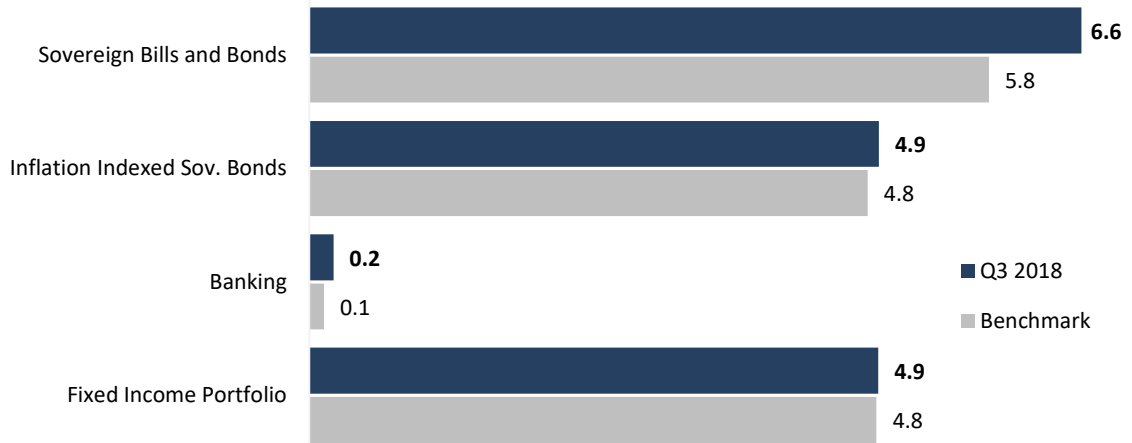
Source: Ministry of Finance, based on information provided by JP Morgan.

**Figure 5: Investments by currency**  
(percent of total)



Source: Ministry of Finance, based on information provided by JP Morgan.

**Figure 6: Fixed income portfolio duration**  
(years)



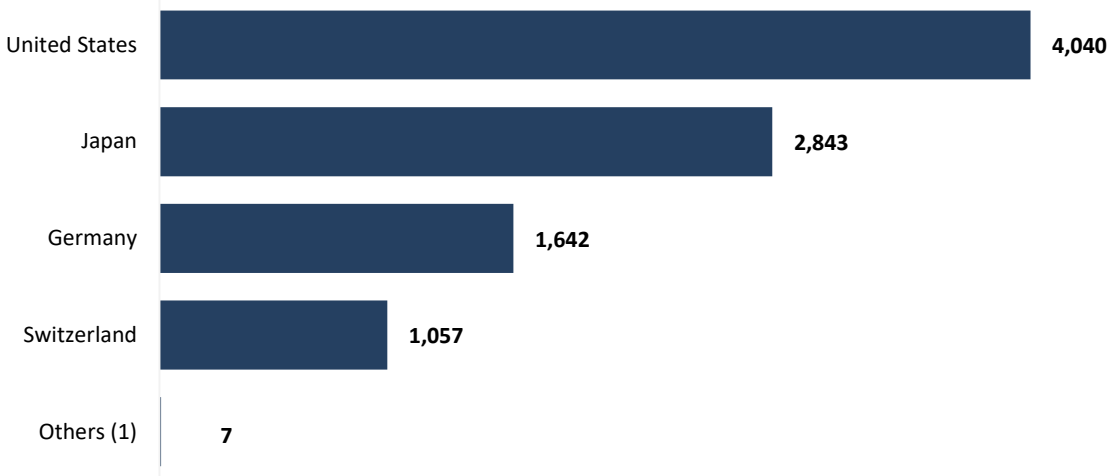
Source: Ministry of Finance, based on information provided by JP Morgan.

**Figure 7: Exposure by type of risk**  
(millions of dollars)



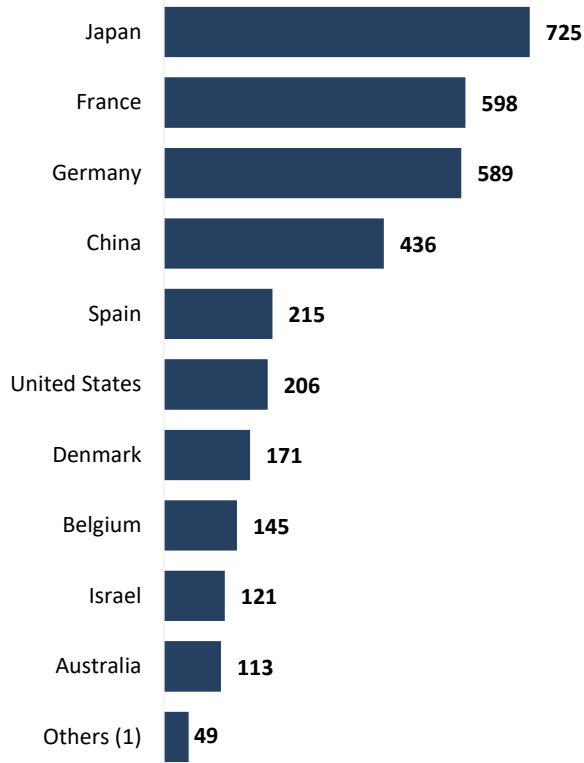
Source: Ministry of Finance, based on information provided by JP Morgan.

**Figure 8: Sovereign bonds exposure by countries**  
(millions of dollars)



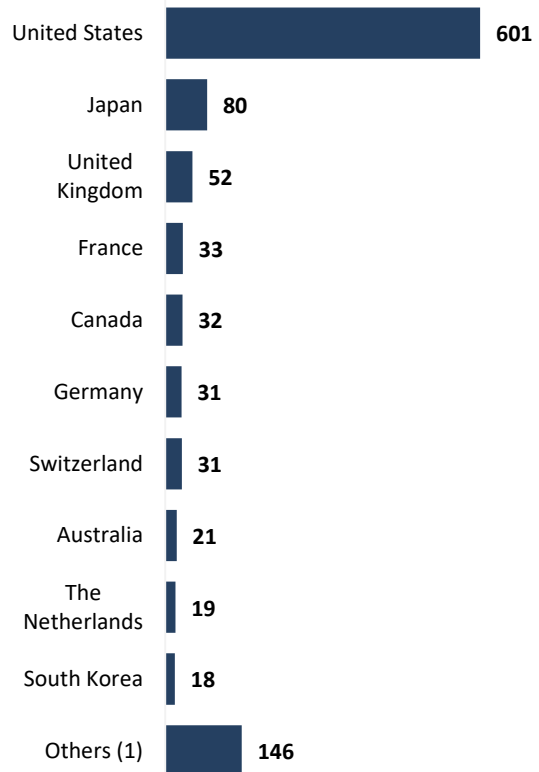
(1) Cash, cash equivalents and unsettled transactions.  
Source: Ministry of Finance, based on information provided by JP Morgan.

**Figure 9: Banking exposure by countries**  
(millions of dollars)



(1) Cash, cash equivalents and unsettled transactions.  
Source: Ministry of Finance, based on information provided by JP Morgan.

**Figure 10: Equity exposure by countries**  
(millions of dollars)



(1) Cash, cash equivalents and unsettled transactions.  
Source: Ministry of Finance, based on information provided by JP Morgan.

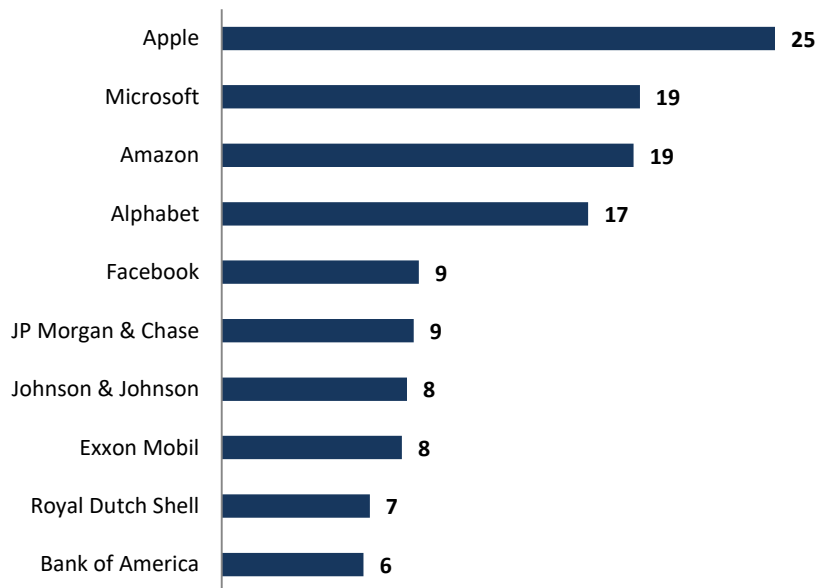
**Table 4: Portfolio by issuer credit rating**  
(percent of the fixed-income portfolio)

Fixed Income Portfolio by Issuer Credit Rating			
Credit Rating	Sovereigns	Banking	Total
AAA	52.0%	0.0%	52.0%
AA+	0.0%	0.0%	0.0%
AA	0.0%	0.0%	0.0%
AA-	0.0%	2.3%	2.3%
A+	21.9%	7.8%	29.7%
A	0.0%	13.0%	13.0%
A-	0.0%	3.4%	3.4%
Others <sup>(1)</sup>	0.1%	-0.5%	-0.4%
<b>Total</b>	<b>74.0%</b>	<b>26.0%</b>	<b>100.0%</b>

<sup>(1)</sup> Cash, cash equivalents and unsettled transactions.

Source: Ministry of Finance based on information provided by JP Morgan.

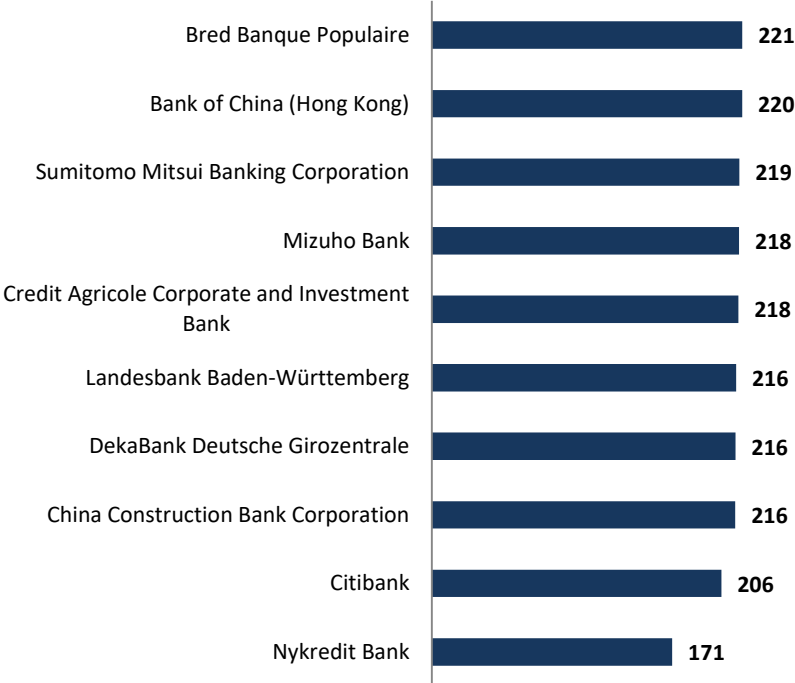
**Figure 11: Largest equity investments**  
(millions of dollars)



Source: Ministry of Finance based on information provided by JP Morgan.



**Figure 12: Largest bank deposit exposure**  
(millions of dollars)



Source: Ministry of Finance based on information provided by JP Morgan.

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## IV. OTHER INDICATORS

A commonly used indicator for monitoring the market risk of the portfolio is the return volatility. In the third quarter of 2018, the standard deviation of returns of the ESSF was 4.87%.<sup>3</sup> The tracking error ex-post, an indicator used to measure how closely the portfolio returns track the returns of benchmark, was 8 basis points at the quarter end.<sup>4</sup>

**Table 5: Standard deviation and tracking error**

	Q3 2018 <sup>(a)</sup>
Standard deviation	4.87%
Tracking error ex-post (basis points)	8

<sup>(a)</sup> Calculated using monthly returns of the last 3 years, annualized.

Source: Ministry of Finance, based on information provided by JP Morgan.

## V. Securities Lending Income and Administration Costs

The cost associated with the management of the fund by those responsible for the investment<sup>5</sup> was US\$431,934 during the quarter, while expenses associated with the custody service<sup>6</sup> were US\$339,734. There also was a payment for consulting services to “Verus Advisory Inc.” of US\$15,529. The securities lending program generated revenues of US\$305,373 during the quarter.

**Table 6: Summary of other flows for the quarter**

(in dollars)

	Q3 2018
<b>Outflows</b>	
Administration	431,934
Custody	339,734
Others (Verus Consulting)	15,529
<b>Total</b>	<b>787,197</b>
<b>Inflows</b>	
Securities Lending	305,373
Others	-
<b>Total</b>	<b>305,373</b>

Source: Ministry of Finance, based on information provided by JP Morgan.

<sup>3</sup> Standard deviation of annualized monthly returns for the past three years.

<sup>4</sup> Standard deviation of annualized monthly excess returns of the portfolio against the benchmark for the past three years.

<sup>5</sup> The Central Bank of Chile is responsible for the investment of the fixed income portfolio. Mellon Capital Management Corporation and BlackRock Institutional Trust Company are responsible for the equity portfolio.

<sup>6</sup> The Custodian bank is JP Morgan.

## VI. APPENDIX

### N°1: Benchmarks

A benchmark is defined for each asset class of the strategic asset allocation, and corresponds to a representative index of the corresponding market.

<i>Benchmark</i>	<b>Total</b>
ICE BofaAML US Dollar 3 Month Deposit Bid Rate Average Index	5.0%
ICE BofaAML Euro Currency 3 Month Deposit Bid Rate Average Index	6.0%
ICE BofaAML Japanese Yen 3 Month Deposit Bid Rate Average Index	4.0%
<b>Banking</b>	<b>15.0%</b>
ICE BofaAML: Treasury Bills Index USD	6.0%
ICE BofaAML: Treasury Bills Index EUR	7.0%
ICE BofaAML: Treasury Bills Index JPY	6.0%
<b>Sovereign Bills</b>	<b>19.0%</b>
Bloomberg Barclays Global Aggregate - Treasury: U.S. 7-10 Yrs	26.5%
Bloomberg Barclays Global Aggregate - Treasury: Germany 7-10 Yrs	11.0%
Bloomberg Barclays Global Aggregate - Treasury: Japan 7-10 Yrs	10.0%
Bloomberg Barclays Global Aggregate - Treasury: Switzerland 5-10 Yrs	7.5%
<b>Sovereign Bonds</b>	<b>55.0%</b>
<b>Sovereign Bills and Bonds</b>	<b>74.0%</b>
Bloomberg Barclays Global Inflation-Linked: U.S. TIPS 1-10 Yrs	2.5%
Bloomberg Barclays Global Inflation-Linked: Germany 1-10 Yrs	1.0%
<b>Sovereign Inflation Linked Bonds</b>	<b>3.5%</b>
<b>Equity: MSCI All Country World Index (ex Chile)</b> (unhedged with reinvested dividends)	<b>7.5%</b>
<b>Total</b>	<b>100.0%</b>