

## FEDERAL RETIREMENT THRIFT INVESTMENT BOARD 77 K Street, NE Washington, DC 20002

March 3, 2016

#### MEMORANDUM FOR THE EXECUTIVE DIRECTOR

FROM: RAVINDRA DEO

CHIEF INVESTMENT OFFICER

P

SUBJECT: February 2016 Performance Review - G, F, C, S, I, and L Funds

#### INTRODUCTION

This report reviews key aspects of the investment performance of the G, F, C, S, I, and L Funds, investment manager performance and tracking error, trading costs, TSP fund performance, and L Fund participation.

## TRACKING ERROR - TSP Separate Accounts at BlackRock (BTC)

### Monthly Tracking Error

<u>Fund</u>	% BTC <u>Returns</u>	% TSP <u>Returns</u>	% Index <u>Returns</u>	BTC <u>T.E.</u>	TSP <u>vs. BTC</u>
Large Cap	-0.12	-0.12	-0.13	0.02	0.00
Small Mid Cap	0.51	0.50	0.45	0.06	0.00
International	-2.81	-2.82	-1.83	-0.98	-0.01

#### 2016 Year-to-Date (YTD) Tracking Error

<u>Fund</u>	% BTC Returns	% TSP <u>Returns</u>	% Index <u>Returns</u>	BTC <u>T.E.</u>	TSP vs. BTC
Fixed Income	2.19	2.18	2.10	0.09	-0.01
Large Cap	-5.07	-5.07	-5.09	0.02	-0.01
Small Mid Cap	-8.26	-8.26	-8.42	0.17	-0.01
International	-8.27	-8.28	-8.93	0.66	-0.01

BlackRock underperformed the International index by 98 basis points for the month due to fair value pricing adjustment on January 29, 2016, but BlackRock outperformed the International Index by 66 basis points for the year as a result of fair value pricing on December 31, 2015. BlackRock outperformed the Small Mid-Cap Index by 6 basis points for the month and 17 basis points for the year as a result of securities lending. BlackRock outperformed the Fixed Income Index by 9 basis points for the year due to securities lending.

The TSP Funds closely tracked the BTC Accounts for the month. The TSP Funds also closely tracked the BTC Accounts for the year.

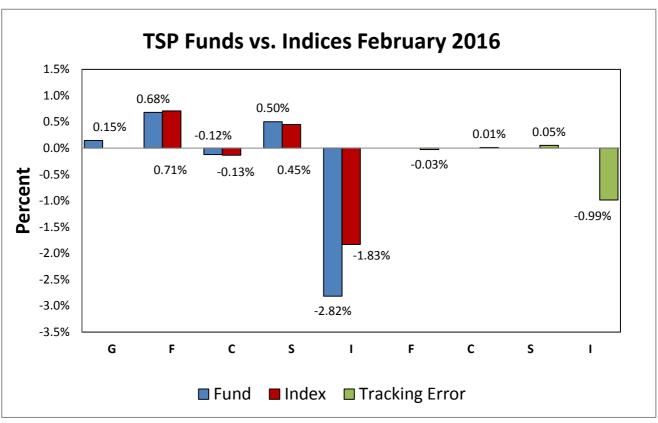
## **Trading Costs**

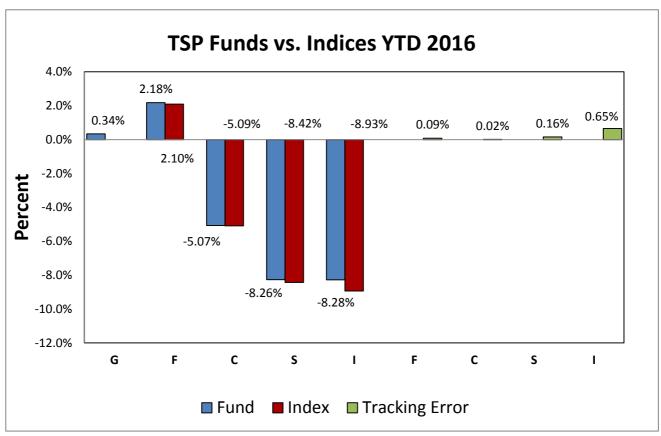
		Trading Costs		
<u>F Fund</u>	<u>Dollar Amount</u> <u>Traded</u>	Dollars	Basis Points	
February 2016 Year-to-Date	771,552,188 1,915,892,626	71,104 68,929	0.9 0.4	
<u>C Fund</u>				
February 2016 Year-to-Date	1,688,187,417 5,364,731,791	(722,576) 150,144	-4.3 0.3	
<u>S Fund</u>				
February 2016 Year-to-Date	1,108,181,516 4,003,634,361	(727,879) 566,017	-6.6 1.4	
<u>I Fund</u>				
February 2016 Year-to-Date	1,267,436,809 3,068,823,892	1,508,090 1,756,604	11.9 5.7	

<sup>\* --</sup> Trading Costs are comprised of commissions, fees, and the difference between where a security is traded and the closing index price.

### **Performance of TSP Funds Total Returns**

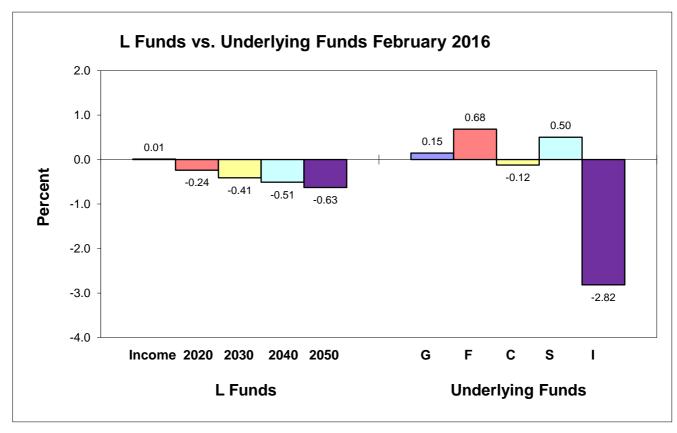
The charts below shows the G, F, C, S, and I Fund net rates of return vs. respective benchmark index.

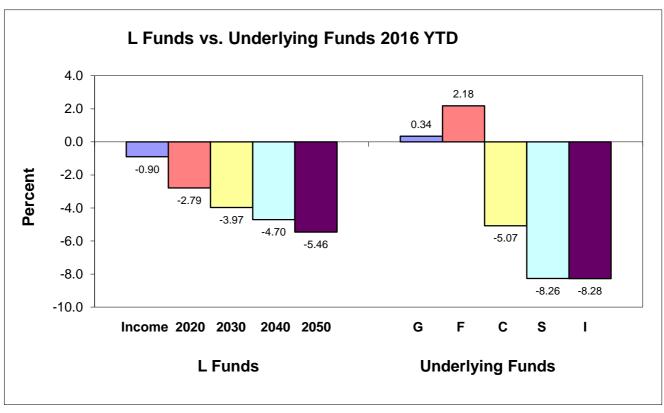




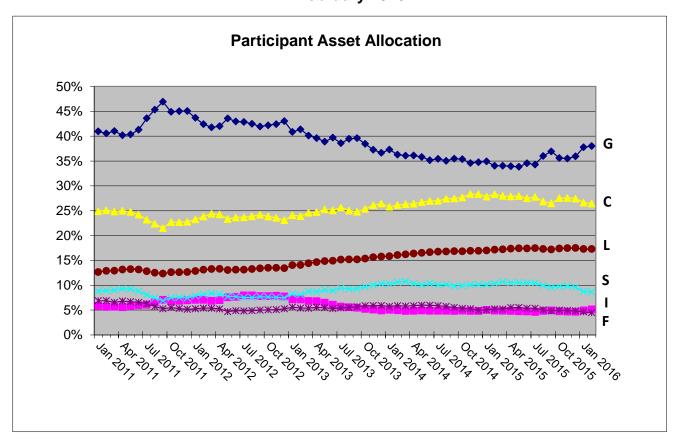
### L Funds

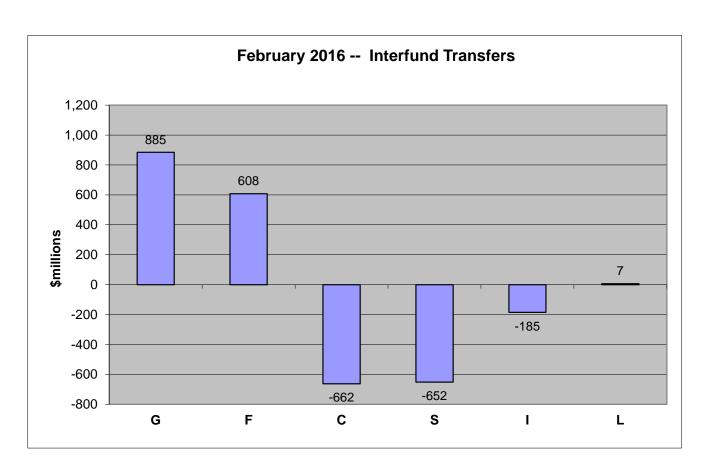
The net rates of return for the L Funds are shown below along with comparable returns for the G, F, C, S, and I Funds.





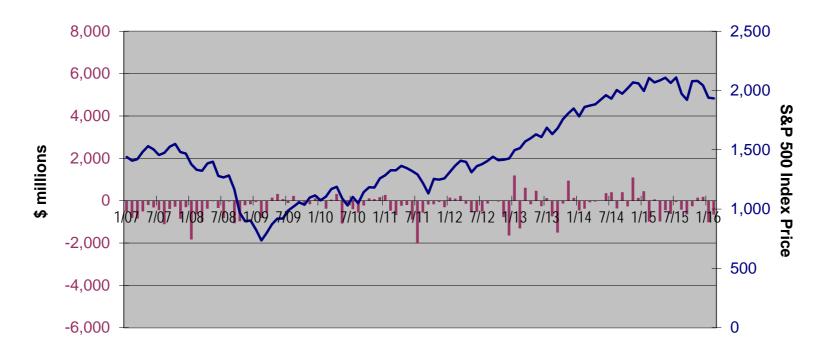
## THRIFT SAVINGS PLAN MONTHLY INVESTMENT ACTIVITY February 2016



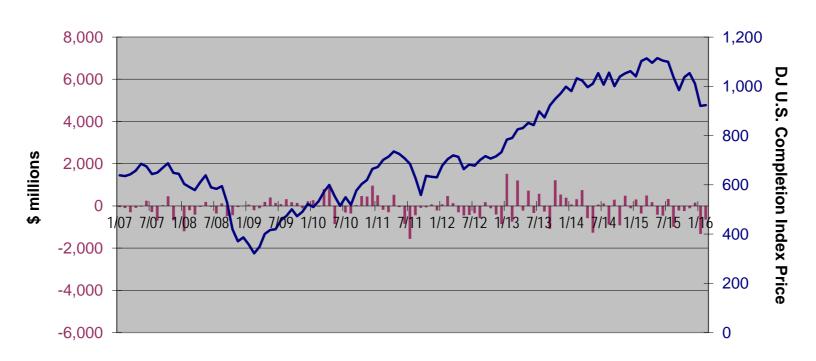


# THRIFT SAVINGS PLAN MONTHLY INVESTMENT ACTIVITY February 2016

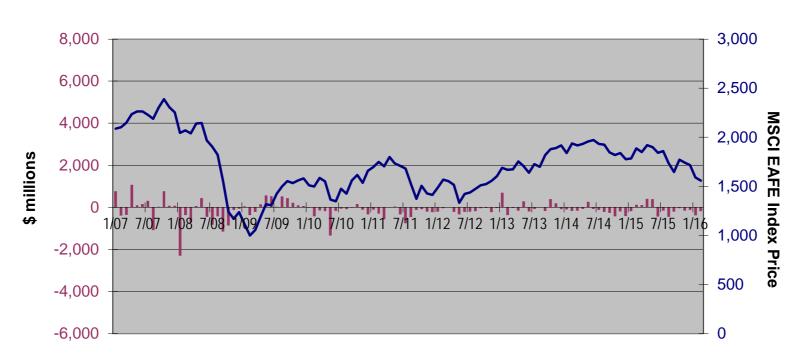
## Monthly Interfund Transfers C Fund



# Monthly Interfund Transfers S Fund

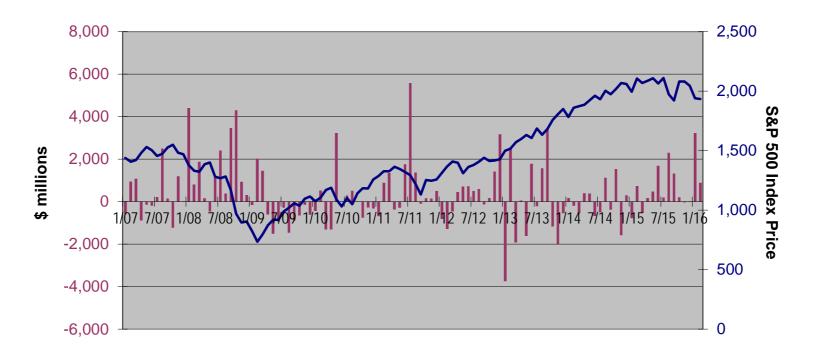


# **Monthly Interfund Transfers I Fund**

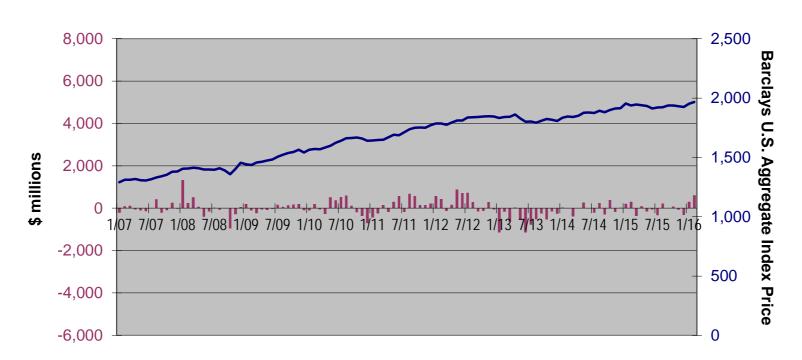


# THRIFT SAVINGS PLAN MONTHLY INVESTMENT ACTIVITY February 2016

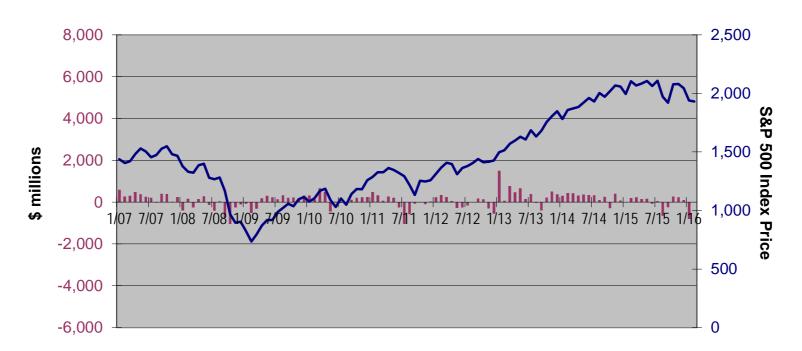
# Monthly Interfund Transfers G Fund



# Monthly Interfund Transfers F Fund



## Monthly Interfund Transfers L Funds



## THRIFT SAVINGS PLAN MONTHLY INVESTMENT ACTIVITY February 2016

