

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

December 3, 2014

#### MEMORANDUM FOR THE EXECUTIVE DIRECTOR

FROM: TRACEY RAY

CHIEF INVESTMENT OFFICER

SUBJECT: November 2014 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 through November 2014, investment manager performance and tracking error, trading costs, TSP fund performance, and L Fund participation.

### TRACKING ERROR - BlackRock Funds (BTC)

#### November Tracking Error

	% BTC Fund	% Index	Tracking	
<u>Fund</u>	<u>Performance</u>	<u>Performance</u>	<u>Error</u>	
Fixed Income	0.74	0.70	0.04	
Large Cap	2.70	2.69	0.01	
Small Mid Cap	1.33	1.33	0.00	
International	0.51	1.36	-0.85	

#### 2014 Tracking Error

	% BTC Fund	% Index	Tracking	
<u>Fund</u>	<u>Performance</u>	<u>Performance</u>	<u>Error</u>	
Fixed Income	6.54	5.86	0.68	
Large Cap	14.09	13.98	0.11	
Small Mid Cap	6.70	6.59	0.11	
International	-1.15	-1.49	0.34	

The International Fund underperformed the index by 85 basis points for the month due to a fair value pricing adjustment on October 31st and by 34 basis points for the year to date as a result of the tax effect. The Fixed Income Fund outperformed the index by 68 basis points for the year to date, primarily because of securities lending and pricing differences.

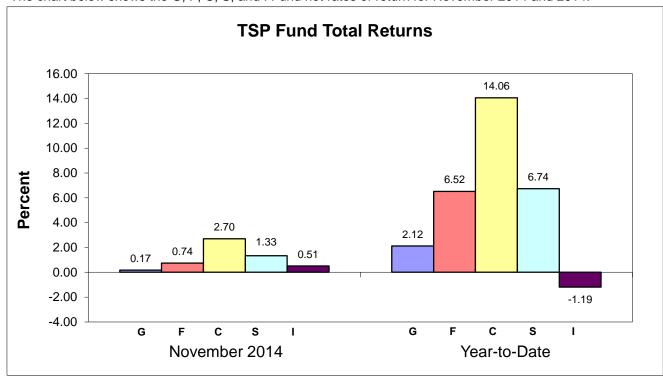
### **Trading Costs**

		Trading Costs*		
	<b>Dollar Amount Traded</b>	<u> </u>	<b>Basis Points</b>	
F Fund				
November 2014 Year-to-Date	265,492,728 7,612,915,312	9,326 177,298	0.4 0.2	
C Fund				
November 2014 Year-to-Date	1,448,627,654 13,837,071,010	(12,739) (1,088,558)	-0.1 -0.8	
S Fund				
November 2014 Year-to-Date	1,114,319,563 15,736,768,901	315,302 (1,050,729)	2.8 -0.7	
<u>I Fund</u>				
November 2014 Year-to-Date	823,919,484 8,793,436,981	803,528 6,157,119	9.8 7.0	

<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**

The chart below shows the G, F, C, S, and I Fund net rates of return for November 2014 and 2014.



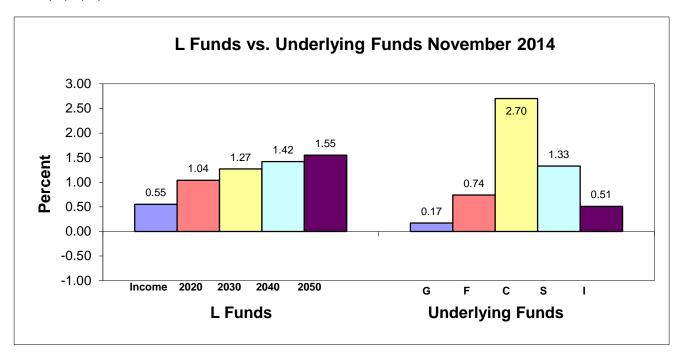
The table below compares the net rates of return for the F, C, S, and I Funds to the returns of the corresponding BlackRock funds.

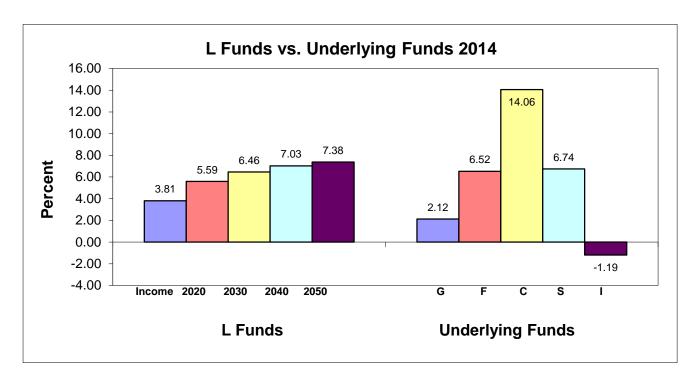
November 2014 Total Return %				
<u>Fund</u>	TSP	<u>BTC</u>	<u>Difference</u>	<u>Index</u>
Fixed Income Large Cap Small Cap International	0.74 2.70 1.33 0.51	0.74 2.70 1.33 0.51	0.00 0.00 0.00 0.00	0.70 2.69 1.33 1.36
2014 Total Return % <u>Fund</u>	<u>TSP</u>	<u>BTC</u>	<u>Difference</u>	<u>Index</u>
Fixed Income Large Cap Small Cap International	6.52 14.06 6.74 -1.19	6.54 14.09 6.70 -1.15	-0.02 -0.03 0.04 -0.04	5.86 13.98 6.59 -1.49

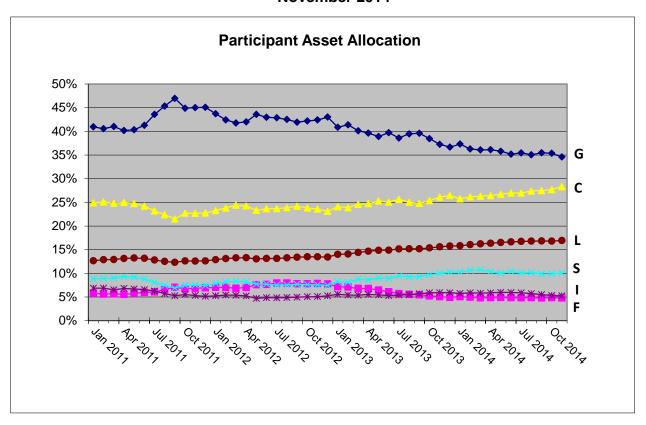
The TSP Funds closely tracked the BTC Funds for the month and year-to-date.

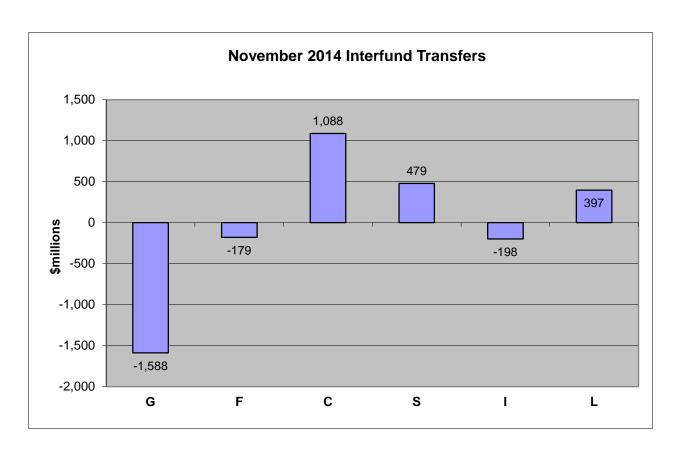
### L Funds

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.

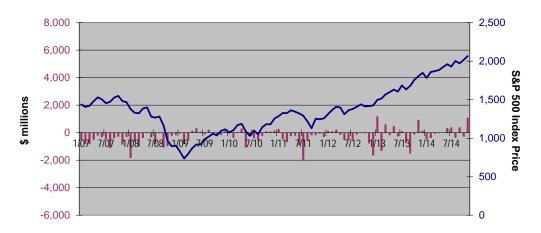




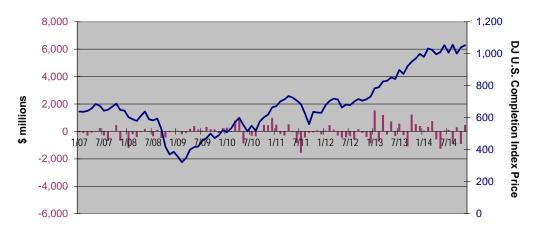




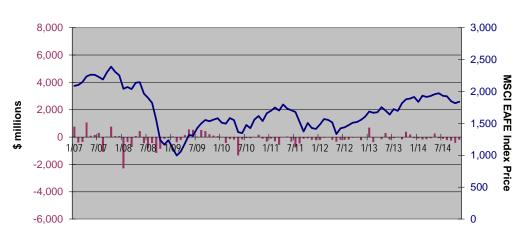
### Monthly Interfund Transfers C Fund



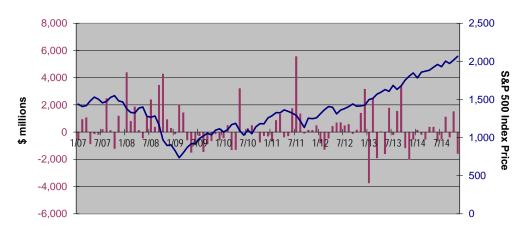
### Monthly Interfund Transfers S Fund



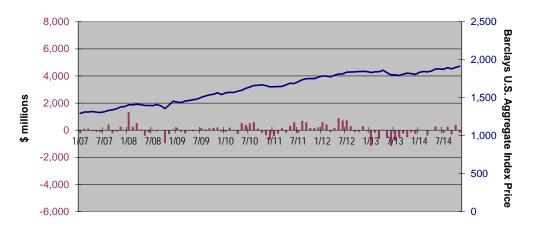
## Monthly Interfund Transfers I Fund



### Monthly Interfund Transfers G Fund



### Monthly Interfund Transfers F Fund



#### Monthly Interfund Transfers L Funds

