



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

June 8, 2012

MEMORANDUM FOR THE EXECUTIVE DIRECTOR

FROM: TRACEY RAY  
CHIEF INVESTMENT OFFICER

SUBJECT: May 2012 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 May 2012, investment manager performance and tracking error, trading costs, TSP fund performance, and L Fund participation.

**TRACKING ERROR - BlackRock Funds (BTC)**

***May Tracking Error***

<b><u>Fund</u></b>	<b><u>% BTC Fund Performance</u></b>	<b><u>% Index Performance</u></b>	<b><u>Tracking Error</u></b>
Fixed Income	0.91	0.90	0.01
Large Cap	-6.00	-6.01	0.01
Small Mid Cap	-6.92	-6.99	0.07
International	-11.40	-11.48	0.08

***2012 Tracking Error***

<b><u>Fund</u></b>	<b><u>% BTC Fund Performance</u></b>	<b><u>% Index Performance</u></b>	<b><u>Tracking Error</u></b>
Fixed Income	2.38	2.33	0.05
Large Cap	5.20	5.16	0.04
Small Mid Cap	5.74	5.66	0.08
International	-3.57	-3.79	0.22

The BlackRock Extended Equity Market Fund E outperformed by 7 basis points in May and by 8 basis points year to date, primarily due to the optimization process. The BlackRock EAFE Equity Index Fund E outperformed by 8 basis points in May and by 22 basis points year to date, primarily as a result of tax effect.

**Trading Costs**

	<u>Dollar Amount Traded</u>	<u>Trading Costs</u>	
		<u>\$</u>	<u>Basis Points</u>
<u>F Fund</u>			
May 2012	795,392,204	1,033,139	13.0
Year-to-Date	3,432,783,918	4,121,206	12.0
<u>C Fund</u>			
May 2012	941,504,970	(335,464)	-3.6
Year-to-Date	4,202,963,849	(142,566)	-0.3
<u>S Fund</u>			
May 2012	864,270,957	3,658	0.0
Year-to-Date	4,116,986,111	(121,811)	-0.3
<u>I Fund</u>			
May 2012	682,694,907	658,972	9.7
Year-to-Date	3,741,496,506	2,128,399	5.7

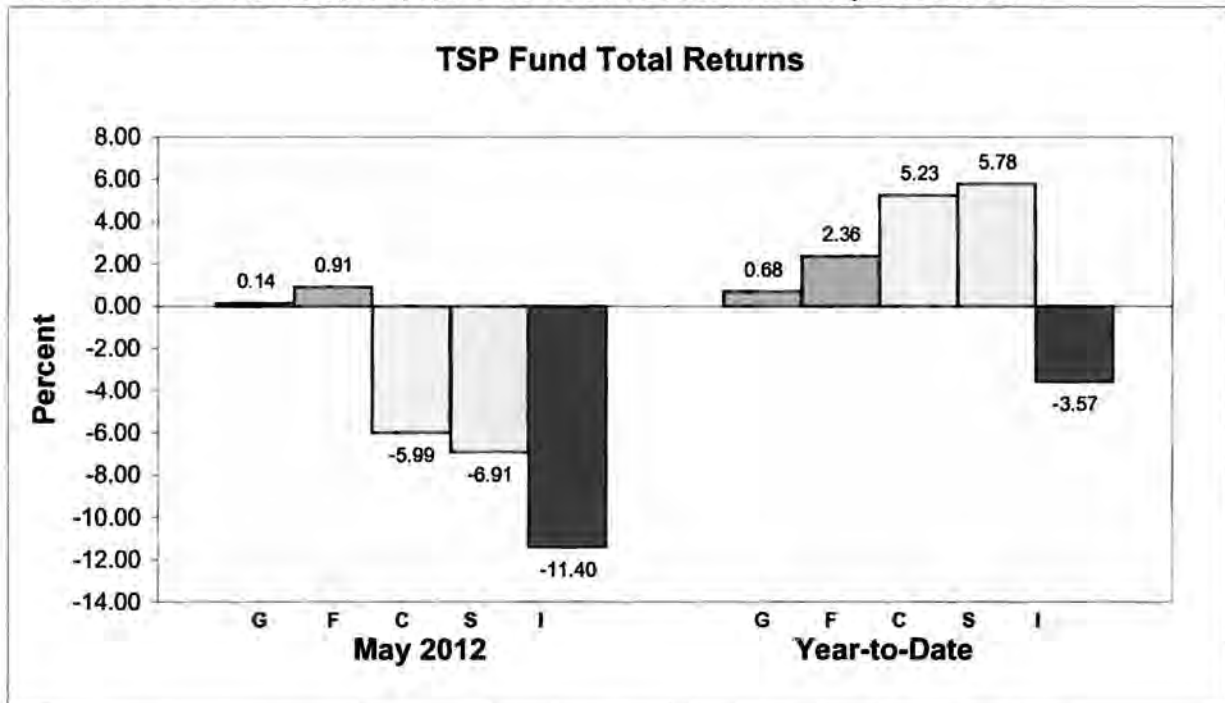
### G Fund

The following table compares the G Fund rate to be paid in the month noted to the 3 month Treasury bill, the 10 year Treasury note and the 30 year Treasury bond at the time the rate was set. The weighted average maturity of the securities included in the G Fund rate calculation was 10.7 years, as of December 31, 2011.

	<u>G Fund</u>	<u>3-month T-bill</u>	<u>10 year T-note</u>	<u>30 year T-bond</u>
<b><u>2012</u></b>				
June	1.38%	0.07%	1.56%	2.64%
May	1.63	0.10	1.92	3.11
April	1.88	0.07	2.21	3.34
March	1.63	0.08	1.97	3.09
February	1.50	0.05	1.80	2.94
January	1.50	0.01	1.88	2.90
<b><u>2011</u></b>				
December	1.75%	0.00%	2.07%	3.06%
November	1.75	0.00	2.11	3.13
October	1.63	0.02	1.92	2.91
September	1.88	0.01	2.22	3.60
August	2.25	0.09	2.80	4.12
July	2.63	0.02	3.16	4.37
June	2.50	0.06	3.06	4.23
May	2.88	0.05	3.29	4.40
April	3.00	0.09	3.47	4.51
March	3.00	0.14	3.43	4.50
February	2.88	0.15	3.37	4.57
January	2.88	0.13	3.30	4.34
<b><u>2010</u></b>				
December	2.38%	0.17%	2.80%	4.11%
November	2.13	0.12	2.60	3.98
October	2.13	0.16	2.51	3.69
September	2.13	0.14	2.47	3.52
August	2.50	0.15	2.91	3.99
July	2.63	0.17	2.93	3.89
June	2.88	0.16	3.29	4.21
May	3.25	0.16	3.66	4.52
April	3.38	0.14	3.83	4.71
March	3.13	0.13	3.61	4.56
February	3.13	0.08	3.59	4.49
January	3.50	0.08	3.84	4.64

### Performance of TSP Funds

The chart below shows the G, F, C, S, and I Fund net rates of return for May 2012 and 2012.



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.

#### **May 2012**

##### **Total Return %**

<u>Fund</u>	<u>TSP</u>	<u>BTC</u>	<u>Difference</u>	<u>Index</u>
Fixed Income	0.91	0.91	0.00	0.90
Large Cap	-5.99	-6.00	0.01	-6.01
Small Cap	-6.91	-6.92	0.01	-6.99
International	-11.40	-11.40	0.00	-11.48

#### **2012**

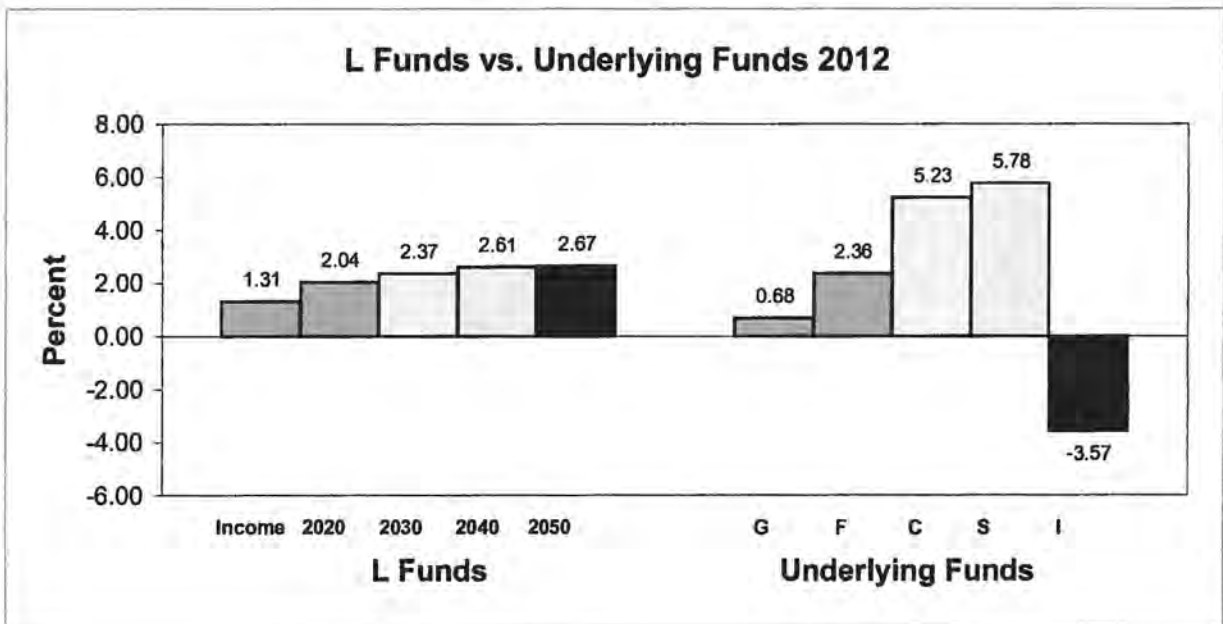
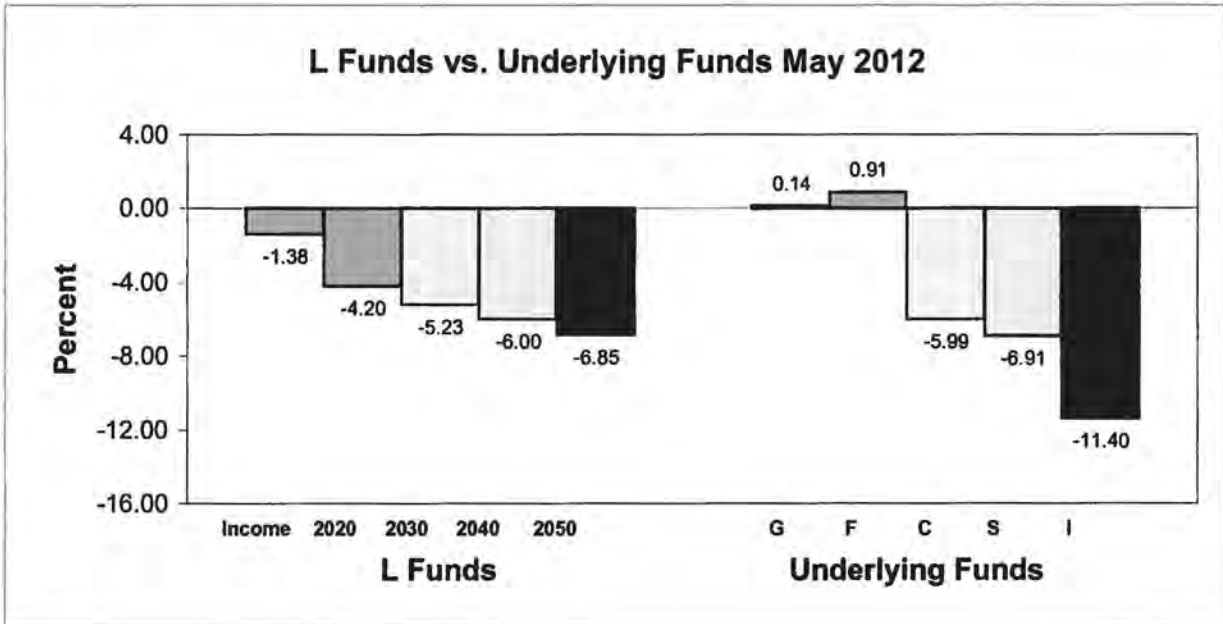
##### **Total Return %**

<u>Fund</u>	<u>TSP</u>	<u>BTC</u>	<u>Difference</u>	<u>Index</u>
Fixed Income	2.36	2.38	-0.02	2.33
Large Cap	5.23	5.20	0.03	5.16
Small Cap	5.78	5.74	0.04	5.66
International	-3.57	-3.57	0.00	-3.79

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.



### **THRIFT SAVINGS PLAN MONTHLY INVESTMENT ACTIVITY**

Attachment 1 provides a summary of TSP investment activity and participation rates.

- Participants transferred \$1.5 billion out of equities and into fixed income. (p. 7.)

Attachment

**THRIFT SAVINGS PLAN MONTHLY INVESTMENT ACTIVITY**  
**Contributions and Interfund Transfers**

	Contributions							Interfund Transfer Activity						
	G Fund (%)	F Fund (%)	C Fund (%)	S Fund (%)	I Fund (%)	L Funds (%)	Total (\$Mil)	G Fund (\$Mil)	F Fund (\$Mil)	C Fund (\$Mil)	S Fund (\$Mil)	I Fund (\$Mil)	L Funds (\$Mil)	# of IFTs
2006	34%	5%	32%	10%	10%	9%	19,531	(252)	(965)	(6,556)	(631)	2,989	5,415	1,964,545
2007	32%	4%	29%	9%	12%	13%	20,786	3,056	57	(6,343)	(1,505)	1,448	3,287	2,245,657
2008	37%	5%	25%	8%	11%	14%	21,772	19,383	293	(7,393)	(2,938)	(6,729)	(2,616)	1,561,517
2009	45%	5%	21%	7%	8%	14%	22,668	(3,818)	330	(1,051)	1,294	2,088	1,157	1,237,637
2010	42%	5%	20%	8%	9%	16%	24,426	97	635	(2,223)	2,397	(2,762)	1,856	1,427,253
2011	41%	5%	20%	9%	8%	17%	25,215	10,282	1,776	(5,607)	(2,660)	(3,133)	(658)	1,618,528
1/31/2011	41%	5%	21%	9%	8%	16%	1,813	(694)	(443)	271	501	(115)	480	142,594
2/28/2011	41%	5%	20%	9%	8%	17%	1,982	883	(247)	(479)	(189)	(302)	334	153,601
3/31/2011	41%	5%	20%	9%	8%	17%	2,339	1,345	151	(691)	(300)	(570)	65	173,787
4/30/2011	41%	5%	20%	9%	8%	17%	2,192	(371)	(181)	(248)	522	10	268	122,475
5/31/2011	40%	5%	20%	9%	8%	18%	2,142	(290)	310	(214)	(55)	42	207	99,151
6/30/2011	40%	5%	20%	9%	8%	18%	2,235	1,756	574	(897)	(844)	(332)	(257)	111,724
7/31/2011	41%	5%	20%	9%	8%	18%	1,980	5,581	(180)	(2,041)	(1,556)	(757)	(1,047)	149,823
8/31/2011	42%	5%	19%	9%	8%	17%	1,988	1,365	687	(571)	(437)	(468)	(576)	239,363
9/30/2011	43%	5%	19%	8%	7%	17%	2,431	(102)	582	(184)	(93)	(128)	(75)	104,089
10/31/2011	43%	5%	19%	8%	7%	17%	2,028	159	156	(173)	(66)	(84)	8	122,878
11/30/2011	42%	5%	19%	9%	7%	17%	2,203	147	147	(70)	75	(203)	(96)	104,938
12/31/2011	44%	5%	19%	8%	7%	17%	1,882	503	220	(310)	(218)	(226)	31	94,105
1/31/2012	43%	5%	19%	8%	7%	17%	1,960	(821)	582	141	71	(207)	234	113,050
2/29/2012	42%	6%	19%	9%	7%	17%	2,010	(1,293)	439	98	466	(46)	336	128,789
3/31/2012	43%	6%	19%	9%	7%	17%	2,520	(471)	(126)	225	127	(5)	250	114,394
4/30/2012	42%	6%	19%	9%	7%	18%	2,099	446	162	(148)	(305)	(211)	56	102,479
5/31/2012	41%	6%	19%	9%	7%	18%	2,297	709	878	(520)	(454)	(337)	(276)	114,494

**THRIFT SAVINGS PLAN MONTHLY INVESTMENT ACTIVITY**  
**L Fund Investment Balances and Investment Allocations**

	L Fund Investment Balances						Allocation of L Fund Balances (%)		
	Income (\$Mil)	2010 (\$Mil)	2020 (\$Mil)	2030 (\$Mil)	2040 (\$Mil)	Total (\$Mil)	FERS Inc/2010/2020/2030/2040	CSRS Inc/2010/2020/2030/2040	Uniformed Services Inc/2010/2020/2030/2040
2006	917	4,081	6,418	3,335	2,126	16,877	4 / 21 / 40 / 22 / 13	11 / 45 / 32 / 6 / 6	2 / 7 / 22 / 35 / 34
2007	1,237	5,326	8,801	4,970	3,547	23,881	4 / 19 / 39 / 23 / 15	10 / 42 / 34 / 7 / 7	2 / 6 / 21 / 34 / 37
2008	968	4,001	6,593	4,031	2,725	18,318	5 / 19 / 37 / 24 / 15	11 / 44 / 33 / 7 / 5	2 / 7 / 20 / 34 / 37
2009	1,205	4,479	9,290	6,219	4,558	25,751	4 / 15 / 37 / 26 / 18	11 / 39 / 36 / 8 / 6	2 / 5 / 19 / 34 / 40
2010	5,404	0	12,914	8,840	6,645	33,803	14 / 0 / 38 / 28 / 20	39 / 0 / 45 / 9 / 7	5 / 0 / 18 / 34 / 43

	Income (\$Mil)	2020 (\$Mil)	2030 (\$Mil)	2040 (\$Mil)	2050 (\$Mil)	Total (\$Mil)	FERS Inc/2020/2030/2040/2050	CSRS Inc/2020/2030/2040/2050	Uniformed Services Inc/2020/2030/2040/2050
1/31/2011	5,234	13,493	9,212	6,888	142	34,969	13 / 39 / 28 / 20 / 0	37 / 47 / 9 / 7 / 0	5 / 18 / 34 / 43 / 0
2/28/2011	5,270	13,971	9,591	7,046	473	36,351	12 / 40 / 28 / 19 / 1	36 / 47 / 9 / 7 / 1	6 / 18 / 34 / 41 / 2
3/31/2011	5,256	14,075	9,725	7,091	569	36,716	12 / 39 / 28 / 19 / 2	36 / 47 / 10 / 6 / 1	4 / 18 / 34 / 42 / 2
4/30/2011	5,317	14,632	10,184	7,426	661	38,220	12 / 39 / 28 / 19 / 2	35 / 48 / 10 / 6 / 1	4 / 17 / 35 / 42 / 2
5/31/2011	5,357	14,688	10,237	7,441	707	38,429	12 / 39 / 28 / 19 / 2	35 / 48 / 10 / 6 / 1	4 / 17 / 34 / 42 / 3
6/30/2011	5,317	14,526	10,183	7,386	703	38,115	12 / 39 / 28 / 19 / 2	36 / 47 / 10 / 6 / 1	4 / 17 / 34 / 42 / 3
7/31/2011	5,249	13,960	9,892	7,179	651	36,931	12 / 39 / 28 / 19 / 2	36 / 48 / 9 / 6 / 1	4 / 17 / 34 / 42 / 3
8/31/2011	5,025	13,193	9,455	6,786	672	35,131	12 / 38 / 29 / 19 / 2	37 / 47 / 9 / 6 / 1	5 / 17 / 34 / 41 / 3
9/30/2011	4,924	12,623	9,000	6,412	648	33,607	13 / 38 / 28 / 19 / 2	38 / 47 / 9 / 5 / 1	5 / 17 / 34 / 41 / 3
10/31/2011	5,024	13,494	9,798	7,064	731	36,112	12 / 38 / 29 / 19 / 2	36 / 47 / 10 / 6 / 1	4 / 17 / 34 / 42 / 3
11/30/2011	4,993	13,488	9,839	7,116	757	36,193	12 / 38 / 29 / 19 / 2	37 / 48 / 9 / 5 / 1	4 / 17 / 34 / 41 / 4
12/31/2011	5,006	13,572	9,971	7,205	764	36,517	12 / 38 / 29 / 19 / 2	37 / 47 / 10 / 5 / 1	4 / 17 / 34 / 41 / 4

1/31/2012	5,079	14,155	10,522	7,618	830	38,204	11 / 38 / 29 / 20 / 2	36 / 47 / 10 / 6 / 1	4 / 17 / 34 / 41 / 4
2/29/2012	5,160	14,709	11,040	8,003	925	39,837	11 / 38 / 29 / 20 / 2	35 / 48 / 10 / 6 / 1	4 / 17 / 34 / 41 / 4
3/31/2012	5,225	15,062	11,396	8,268	1,009	40,961	11 / 38 / 29 / 20 / 2	35 / 48 / 10 / 6 / 1	4 / 16 / 34 / 42 / 4
4/30/2012	5,220	15,086	11,459	8,309	1,030	41,104	11 / 38 / 29 / 20 / 2	35 / 49 / 10 / 5 / 1	4 / 16 / 34 / 42 / 4
5/31/2012	5,097	14,384	10,921	7,871	979	39,251	11 / 38 / 29 / 20 / 2	36 / 48 / 10 / 5 / 1	4 / 16 / 33 / 42 / 5



**THRIFT SAVINGS PLAN MONTHLY INVESTMENT ACTIVITY**  
**Allocation of Account Balances**

	Number of TSP Participants with Entire Account Balance Invested in One Lifecycle Fund						Allocation of Account Balances (G/F/C/S/I/L Fund) (%)		
	FERS		CSRS		Uniformed Services		FERS	CSRS	Uniformed Services
	#	%	#	%	#	%	(G / F / C / S / I / L)	(G / F / C / S / I / L)	(G / F / C / S / I / L)
<b>2006</b>	94,323	4%	25,860	4%	30,921	4%	32 / 5 / 36 / 8 / 10 / 9	38 / 5 / 35 / 6 / 8 / 8	38 / 4 / 20 / 14 / 13 / 11
<b>2007</b>	116,157	5%	28,753	5%	40,046	5%	32 / 5 / 33 / 7 / 12 / 11	39 / 5 / 32 / 6 / 9 / 9	36 / 4 / 18 / 13 / 15 / 14
<b>2008</b>	108,130	4%	21,470	4%	42,267	5%	50 / 7 / 22 / 5 / 6 / 10	58 / 6 / 21 / 3 / 4 / 8	48 / 5 / 14 / 9 / 10 / 14
<b>2009</b>	116,137	4%	20,090	4%	43,720	4%	44 / 6 / 25 / 6 / 8 / 11	53 / 6 / 23 / 4 / 6 / 8	42 / 4 / 15 / 11 / 12 / 16
<b>2010</b>	134,674	5%	21,025	4%	47,928	4%	40 / 6 / 25 / 9 / 7 / 13	49 / 6 / 24 / 7 / 5 / 9	39 / 4 / 15 / 13 / 11 / 18
<b>1/31/2011</b>	137,604	5%	21,090	4%	49,088	5%	39 / 6 / 26 / 9 / 7 / 13	48 / 6 / 25 / 7 / 5 / 9	39 / 4 / 15 / 13 / 11 / 18
<b>2/28/2011</b>	139,504	5%	21,218	4%	49,706	5%	39 / 6 / 26 / 9 / 7 / 13	48 / 6 / 25 / 7 / 5 / 9	38 / 4 / 15 / 13 / 11 / 19
<b>3/31/2011</b>	140,389	5%	21,134	4%	50,184	5%	40 / 6 / 25 / 9 / 7 / 13	47 / 6 / 25 / 7 / 5 / 10	38 / 4 / 15 / 13 / 11 / 19
<b>4/30/2011</b>	141,500	5%	21,207	4%	50,444	5%	39 / 6 / 26 / 9 / 7 / 13	47 / 6 / 25 / 7 / 5 / 10	37 / 4 / 15 / 14 / 11 / 19
<b>5/31/2011</b>	142,683	5%	21,277	4%	50,875	5%	39 / 6 / 25 / 9 / 7 / 14	47 / 6 / 25 / 7 / 5 / 10	38 / 4 / 15 / 13 / 11 / 19
<b>6/30/2011</b>	142,559	5%	21,058	4%	51,056	5%	40 / 6 / 25 / 9 / 7 / 13	48 / 6 / 24 / 7 / 5 / 10	38 / 4 / 15 / 13 / 11 / 19
<b>7/31/2011</b>	140,596	5%	20,473	4%	51,167	5%	43 / 6 / 24 / 8 / 6 / 13	52 / 6 / 23 / 6 / 4 / 9	38 / 4 / 15 / 13 / 11 / 19
<b>8/31/2011</b>	139,009	5%	19,877	4%	51,235	5%	43 / 7 / 23 / 8 / 6 / 13	52 / 7 / 22 / 6 / 4 / 9	40 / 5 / 14 / 12 / 10 / 19
<b>9/30/2011</b>	138,842	5%	19,688	4%	51,225	5%	46 / 7 / 22 / 7 / 5 / 13	54 / 7 / 21 / 5 / 4 / 9	43 / 5 / 14 / 11 / 9 / 18
<b>10/31/2011</b>	139,380	5%	19,539	4%	51,535	4%	43 / 7 / 23 / 8 / 6 / 13	51 / 7 / 23 / 6 / 4 / 9	39 / 5 / 15 / 12 / 10 / 19
<b>11/30/2011</b>	139,204	5%	19,342	4%	51,683	4%	44 / 7 / 23 / 8 / 5 / 13	52 / 7 / 22 / 6 / 4 / 9	40 / 5 / 15 / 12 / 9 / 19
<b>12/31/2011</b>	139,599	5%	19,253	4%	51,715	4%	44 / 7 / 23 / 8 / 5 / 13	52 / 7 / 23 / 6 / 3 / 9	40 / 5 / 15 / 12 / 9 / 19
<b>1/31/2012</b>	140,948	5%	19,230	4%	52,315	5%	43 / 7 / 24 / 8 / 5 / 13	51 / 7 / 23 / 6 / 4 / 9	40 / 5 / 15 / 12 / 9 / 19
<b>2/29/2012</b>	142,420	5%	19,271	4%	52,785	5%	42 / 7 / 25 / 8 / 5 / 13	50 / 7 / 24 / 6 / 4 / 9	39 / 5 / 15 / 13 / 9 / 19
<b>3/31/2012</b>	142,745	5%	19,212	4%	53,090	5%	41 / 7 / 25 / 8 / 5 / 14	50 / 7 / 24 / 6 / 4 / 9	38 / 5 / 15 / 13 / 9 / 20
<b>4/30/2012</b>	143,242	5%	19,140	4%	53,328	5%	41 / 7 / 25 / 8 / 5 / 14	50 / 7 / 25 / 6 / 3 / 9	38 / 5 / 15 / 13 / 9 / 20
<b>5/31/2012</b>	142,647	5%	18,894	4%	53,376	5%	43 / 7 / 24 / 8 / 5 / 13	51 / 8 / 23 / 6 / 3 / 9	40 / 5 / 15 / 12 / 8 / 20

**THRIFT SAVINGS PLAN MONTHLY INVESTMENT ACTIVITY**  
**L Fund Participation**

	Participants with Balances in the L Funds						Number of Participant Accounts with L Fund Balances					
	FERS (000s)	%	CSRS (000s)	%	Uniformed Services (000s)	%	Income	2010	2020	2030	2040	Any L Fund
2006	273	12%	57	9%	103	14%	34,698	87,845	137,155	124,086	132,325	433,025
2007	359	15%	68	11%	139	17%	45,093	108,073	175,838	168,215	196,888	566,232
2008	373	15%	57	10%	154	17%	48,139	103,507	174,922	179,855	211,196	584,468
2009	424	16%	57	10%	165	17%	53,770	110,879	195,500	204,995	244,145	647,040
2010	497	18%	59	11%	183	17%	130,930	0	230,231	243,512	295,619	738,720

	FERS (000s)	%	CSRS (000s)	%	Uniformed Services (000s)	%	Income	2020	2030	2040	2050	Any L Fund
1/31/2011	505	18%	59	11%	184	17%	127,892	234,372	247,483	299,794	3,176	748,186
2/28/2011	513	18%	60	11%	187	17%	127,328	236,984	250,725	300,507	15,645	759,595
3/31/2011	522	18%	60	11%	189	17%	126,889	238,665	253,941	302,907	22,873	770,657
4/30/2011	528	18%	60	12%	191	17%	126,806	241,486	257,383	305,966	28,163	779,089
5/31/2011	533	19%	60	12%	192	17%	127,024	243,221	259,899	308,262	32,126	785,674
6/30/2011	534	19%	60	12%	193	17%	126,513	242,897	260,762	308,677	34,734	787,339
7/31/2011	530	18%	58	11%	194	17%	125,018	238,983	258,922	306,624	35,997	781,907
8/31/2011	528	18%	57	11%	194	17%	122,453	234,539	257,007	303,831	38,922	778,913
9/30/2011	530	18%	56	11%	195	17%	122,268	235,399	258,261	304,908	41,458	781,547
10/31/2011	531	18%	56	11%	196	17%	121,893	236,424	259,744	306,369	43,817	783,052
11/30/2011	533	18%	56	11%	196	17%	121,566	236,638	260,835	307,241	46,029	785,421
12/31/2011	536	19%	55	11%	197	17%	121,564	237,321	262,098	308,186	47,832	788,326

1/31/2012	539	20%	55	11%	199	17%	121,752	238,782	264,330	309,932	50,505	793,065
2/29/2012	544	19%	55	11%	200	17%	121,762	240,291	266,794	311,982	54,065	799,416
3/31/2012	549	19%	56	11%	202	17%	122,023	241,964	269,277	314,487	57,627	806,634
4/30/2012	552	19%	55	11%	203	17%	121,885	242,462	270,585	315,669	60,026	809,731
5/31/2012	552	19%	55	11%	203	17%	121,377	241,174	270,580	317,512	61,670	810,111