# Spokane Employees' Retirement System

Second Quarter 2014 Performance Report

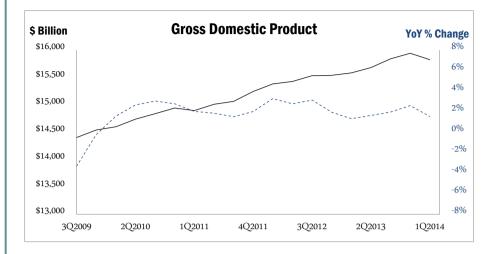
August 2014

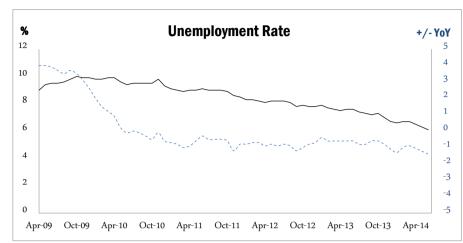


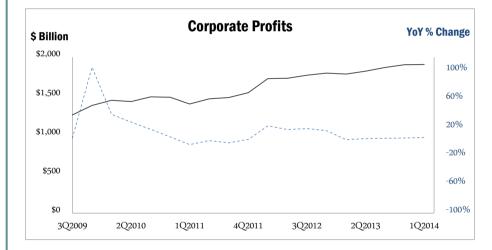
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## 2Q2014 Economic Data

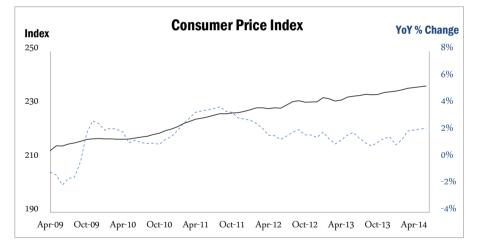






Banking and Lending (Quarterly)													
Category	Recent	5-Yr High	5-Yr Low	5-Yr Avg.	Date								
% Loans Non-Performing	2.5%	5.7%	2.5%	4.3%	1Q14								
Loss Reserves/Loans	1.7%	3.7%	1.7%	2.7%	1Q14								
Total Commercial Banks	5,743	6,899	5,743	6,274	1Q14								
% Tightening Lending	-11.1%	39.6%	-21.8%	-4.0%	1Q14								

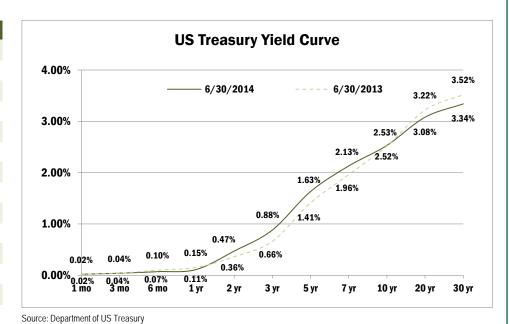
Source: Federal Reserve Bank of St. Louis

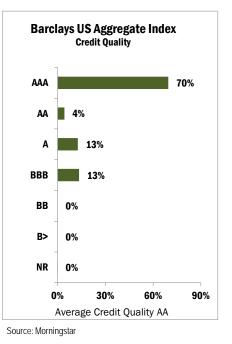


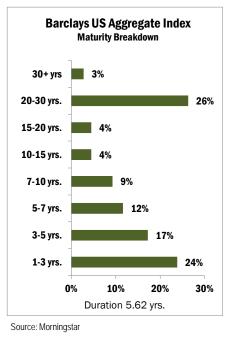
Other Prices and Indexes (Monthly)													
Category	Recent	5-Yr High	5-Yr Low	% Off Peak	Date								
Gas: Price per Gallon	\$3.70	\$3.90	\$2.53	-5.2%	Jun-14								
Spot Oil	\$102.18	\$109.53	\$64.15	-6.7%	May-14								
Case-Shiller Home Price Index	171.7	171.7	136.9	25.5%*	Apr-14								
Medical Care CPI	434.6	434.6	375.1	15.9%*	May-14								
*% Off Low													

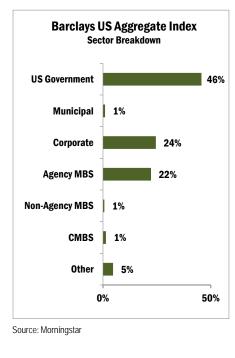
## 2Q2014 Bond Market Data

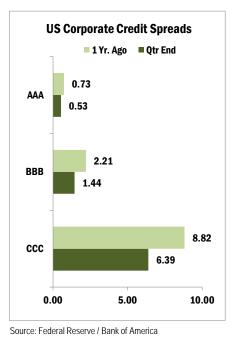
Index	QTR	YTD	1 yr.	3 yrs.	5 yrs.	10 yrs.
90-Day T-Bill	0.01%	0.03%	0.06%	0.07%	0.10%	1.54%
Barclays US Aggregate	2.04%	3.93%	4.37%	3.66%	4.85%	4.93%
Barclays Short US Treasury	0.03%	0.06%	0.13%	0.14%	0.21%	1.76%
Barclays Int. US Treasury	0.92%	1.57%	1.51%	2.05%	2.93%	3.92%
Barclays Long US Treasury	4.70%	12.14%	6.26%	8.80%	7.36%	7.18%
Barclays US TIPS	3.81%	5.83%	4.44%	3.55%	5.55%	5.25%
Barclays US Credit	2.71%	5.70%	7.44%	5.88%	7.65%	5.85%
Barclays US Mortgage-Backed	2.41%	4.03%	4.66%	2.80%	3.92%	4.95%
Barclays US Asset-Backed	0.77%	1.31%	1.80%	2.44%	4.66%	3.58%
Barclays US High Yield	2.41%	5.46%	11.73%	9.48%	13.98%	9.05%
Barclays Global	2.47%	4.93%	7.39%	2.57%	4.60%	5.06%
Barclays International	2.72%	5.59%	9.42%	1.75%	4.37%	5.10%
Barclays Emerging Market	4.49%	7.44%	10.19%	7.37%	10.82%	9.51%











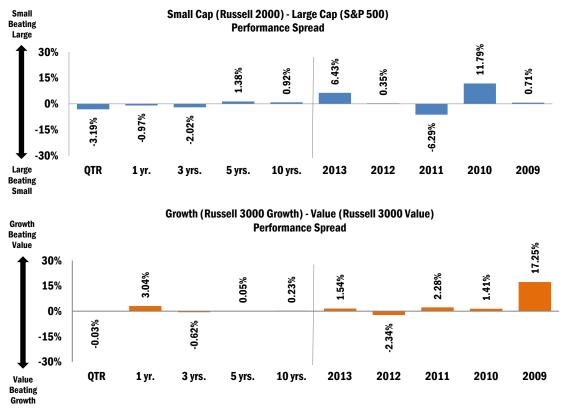
# 2Q2014 US Equity Market Data

Sectors Weights/Returns (ranked by quarter performance)

	Wgt.	Sector	QTR	1 Yr.
	11%	Energy	12.09%	28.73%
	3%	Utilities	7.77%	22.19%
ех	19%	Information Technology	6.51%	31.55%
Ind	4%	Materials	5.60%	32.59%
S&P 500	10%	Consumer Staples	4.65%	15.21%
<u>Р</u>	13%	Health Care	4.51%	30.09%
SS	11%	Industrials	3.85%	28.58%
	2%	Telecom Services	3.78%	5.13%
	12%	Consumer Discretionary	3.50%	20.16%
	16%	Financials	2.30%	19.14%
	Wgt.	Sector	QTR	1 Yr.
	0%	Telecom Services	18.30%	30.05%
lex	3%	Consumer Staples	10.98%	32.65%
l III	5%	Energy	9.22%	33.94%
400	5%	Utilities	7.82%	23.95%
ap	9%	Health Care	5.54%	26.11%
Widcap 400 Index	17%	Industrials	4.86%	31.36%
	23%	Financials	3.14%	18.26%
S&P	16%	Information Technology	3.10%	24.68%
	8%	Materials	3.08%	29.17%
	13%	Consumer Discretionary	1.51%	23.91%
	Wgt.	Sector	QTR	1 Yr.
×	4%	Utilities	6.45%	20.27%
lde	5%	Energy	6.34%	39.03%
0	11%	Health Care	4.38%	32.42%
60	6%	Materials	3.95%	34.48%
S&P Smallcap 600 Index	18%	Information Technology	3.44%	32.44%
nall	4%	Consumer Staples	1.22%	22.53%
P Sr	21%	Financials	1.14%	15.62%
S&	16%	Industrials	0.09%	27.76%
	14%	Consumer Discretionary	-0.52%	19.69%
	1%	Telecom Services	-4.91%	8.55%

#### **Index Performance Data**

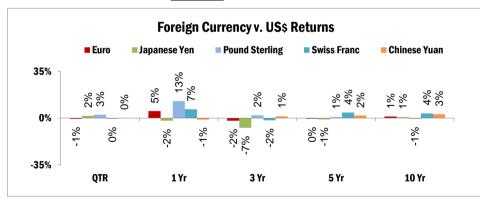
QTR	YTD	<b>1</b> yr.	3 yrs.	5 yrs.	<b>10</b> yrs.
5.23%	7.14%	24.61%	16.58%	18.83%	7.78%
5.10%	8.28%	23.81%	16.92%	19.23%	8.03%
5.13%	6.31%	26.92%	16.26%	19.24%	8.20%
4.97%	8.67%	26.85%	16.09%	22.07%	10.43%
5.62%	11.14%	27.76%	17.56%	22.97%	10.66%
4.37%	6.51%	26.04%	14.54%	21.16%	9.83%
2.05%	3.19%	23.64%	14.57%	20.21%	8.70%
2.38%	4.20%	22.54%	14.65%	19.88%	8.24%
1.72%	2.22%	24.73%	14.49%	20.50%	9.04%
4.87%	6.94%	25.22%	16.46%	19.33%	8.23%
7.15%	18.24%	13.27%	11.38%	23.76%	9.41%
	5.23% 5.10% 5.13% 4.97% 5.62% 4.37% 2.05% 2.38% 1.72% 4.87%	5.23% 7.14%   5.10% 8.28%   5.13% 6.31%   4.97% 8.67%   5.62% 11.14%   4.37% 6.51%   2.05% 3.19%   2.38% 4.20%   1.72% 2.22%   4.87% 6.94%	5.23%   7.14%   24.61%     5.10%   8.28%   23.81%     5.13%   6.31%   26.92%     4.97%   8.67%   26.85%     5.62%   11.14%   27.76%     4.37%   6.51%   26.04%     2.05%   3.19%   23.64%     2.38%   4.20%   22.54%     1.72%   2.22%   24.73%     4.87%   6.94%   25.22%	5.23%   7.14%   24.61%   16.58%     5.10%   8.28%   23.81%   16.92%     5.13%   6.31%   26.92%   16.26%     4.97%   8.67%   26.85%   16.09%     5.62%   11.14%   27.76%   17.56%     4.37%   6.51%   26.04%   14.54%     2.05%   3.19%   23.64%   14.57%     2.38%   4.20%   22.54%   14.65%     1.72%   2.22%   24.73%   14.49%     4.87%   6.94%   25.22%   16.46%	5.23%   7.14%   24.61%   16.58%   18.83%     5.10%   8.28%   23.81%   16.92%   19.23%     5.13%   6.31%   26.92%   16.26%   19.24%     4.97%   8.67%   26.85%   16.09%   22.07%     5.62%   11.14%   27.76%   17.56%   22.97%     4.37%   6.51%   26.04%   14.54%   21.16%     2.05%   3.19%   23.64%   14.57%   20.21%     2.38%   4.20%   22.54%   14.65%   19.88%     1.72%   2.22%   24.73%   14.49%   20.50%     4.87%   6.94%   25.22%   16.46%   19.33%



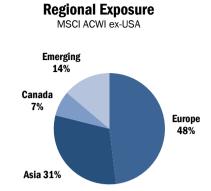
## 202014 International Market Data

Index Performance Data (net)

Index (US\$)	QTR	YTD	1 yr.	3 yrs.	5 yrs.	<b>10</b> yrs.
MSCI ACWI ex-US	5.03%	5.56%	21.75%	5.73%	11.11%	7.75%
MSCI EAFE	4.09%	4.78%	23.57%	8.10%	11.77%	6.93%
Europe	3.30%	5.48%	29.28%	8.67%	13.03%	7.54%
United Kingdom	6.05%	5.17%	26.57%	10.52%	14.46%	7.27%
Germany	1.65%	1.31%	29.35%	7.71%	14.27%	9.53%
France	1.70%	4.65%	28.07%	4.88%	10.55%	6.28%
Pacific	5.77%	3.12%	13.10%	7.10%	9.58%	5.79%
Japan	6.66%	0.68%	9.85%	7.60%	7.24%	3.25%
Hong Kong	8.26%	4.62%	17.73%	8.27%	12.83%	11.44%
Australia	2.77%	8.86%	20.80%	5.89%	14.54%	12.04%
Canada	9.88%	11.59%	26.29%	3.05%	10.92%	10.58%
MSCI EM	6.60%	6.14%	14.31%	-0.39%	9.24%	11.94%
MSCI EM Latin America	6.84%	7.19%	9.01%	- <b>6.10%</b>	5.52%	15.50%
MSCI EM Asia	7.18%	6.85%	16.65%	2.31%	10.56%	11.65%
MSCI EM Eur/Mid East	4.58%	-2.24%	5.50%	- <b>6.38%</b>	7.52%	6.91%
MSCI ACWI Value ex-US	5.61%	6.37%	24.21%	5.96%	10.82%	7.79%
MSCI ACWI Growth ex-US	4.45%	4.77%	19.33%	5.48%	11.35%	7.66%
MSCI AC World Sm Cap ex-US	3.64%	7.24%	26.09%	6.90%	14.50%	9.79%



Exchange Rates	2Q14	1Q14	<b>4Q1</b> 3	3 <b>Q1</b> 3	2Q13	<b>1Q1</b> 3
Japanese Yen	101.28	102.98	105.11	98.13	99.34	94.02
Euro	0.73	0.73	0.73	0.74	0.77	0.78
British Pound	0.58	0.60	0.60	0.62	0.66	0.66
Swiss Franc	0.89	0.88	0.89	0.90	0.95	0.95
Chinese Yuan	6.20	6.22	6.05	6.12	6.14	6.21



**MSCI EAFE Index Return** 



Japan UK



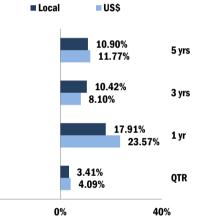
Top 10 Countries (MSCI AC World ex-USA)

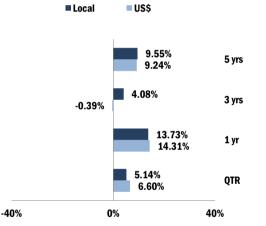
15%

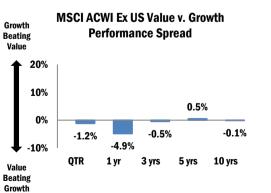
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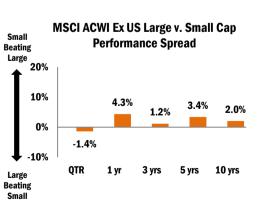
8%

#### **MSCI Emerging Index Return**









-40%

#### **Historical Market Returns**

Ranked by Performance

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	YTD	2Q14
Commod. 31.84%	US Bonds 8.44%	Commod. 25.91%	Emerging Markets 55.82%	Emerging Markets 25.55%	Emerging Markets 34.00%	Emerging Markets 32.14%	Emerging Markets 39.42%	US Bonds 5.24%	Emerging Markets 78.51%	Small Cap 26.85%	Core Real Estate 14.96%	Emerging Markets 18.22%	Small Cap 38.82%	Mid Cap 8.67%	Emerging Markets 6.6%
TIPS 13.18%	TIPS 7.90%	TIPS 16.57%	Small Cap 47.25%	Intl 20.91%	Commod. 21.36%	Intl 26.65%	Intl 16.65%	Global Bonds 4.79%	High Yield 58.21%	Mid Cap 25.48%	TIPS 13.56%	Mid Cap 17.28%	Mid Cap 34.76%	Large Cap 7.14%	Large Cap 5.23%
Core Real Estate 13.17%	High Yield 5.28%	Global Bonds 16.52%	Intl 40.83%	Mid Cap 20.22%	Core Real Estate 20.15%	Small Cap 18.37%	Commod. 16.23%	Cash 1.39%	Intl 41.45%	Emerging Markets 18.88%	US Bonds 7.84%	Intl 16.83%	Large Cap 32.39%	Commod. 7.08%	Intl 5.03%
US Bonds 11.63%	Core Real Estate 4.61%	US Bonds 10.26%	Mid Cap 40.06%	Small Cap 18.33%	Intl 16.62%	Large Cap 15.79%	Core Real Estate 14.84%	TIPS -2.35%	Mid Cap 40.48%	Commod. 16.83%	Global Bonds 5.64%	Small Cap 16.35%	Intl 15.29%	Emerging Markets 6.14%	Mid Cap 4.97%
Mid Cap 8.25%	Cash 3.34%	Core Real Estate 4.58%	High Yield 28.97%	Global Balanced 12.18%	Mid Cap 12.65%	Core Real Estate 15.27%	TIPS 11.64%	Core Real Estate -10.70%	Small Cap 27.17%	Core Real Estate 15.26%	High Yield 4.98%	Large Cap 16.00%	Global Balanced 14.46%	TIPS 5.83%	TIPS 3.81%
Cash 5.98%	Small Cap 2.49%	Cash 1.63%	Large Cap 28.68%	Core Real Estate 12.00%	Large Cap 4.91%	Mid Cap 15.26%	Global Bonds 9.48%	Global Balanced -24.51%	Large Cap 26.46%	High Yield 15.12%	Large Cap 2.11%	High Yield 15.81%	Core Real Estate 12.95%	Intl 5.56%	Global Balanced 3.78%
Global Bonds 3.17%	Global Bonds 1.57%	High Yield -1.41%	Global Balanced 24.27%	High Yield 11.13%	Small Cap 4.55%	Global Balanced 14.53%	Global Balanced 9.07%	High Yield -26.16%	Global Balanced 20.49%	Large Cap 15.06%	Cash 0.06%	Global Balanced 11.06%	High Yield 7.44%	High Yield 5.46%	Core Real Estate 2.69%
Small Cap -3.02%	Emerging Markets -2.62%	Emerging Markets -6.17%	Commod. 23.93%	Large Cap 10.88%	Global Balanced 4.16%	High Yield 11.85%	US Bonds 6.97%	Small Cap -33.79%	Commod. 18.91%	Intl 11.15%	Global Balanced -0.97%	Core Real Estate 9.76%	Cash 0.07%	Global Balanced 5.44%	Global Bonds 2.47%
High Yield -5.86%	Mid Cap -5.62%	Global Balanced -6.58%	Global Bonds 12.51%	Global Bonds 9.27%	Cash 3.25%	Global Bonds 6.64%	Mid Cap 5.60%	Commod. -35.65%	TIPS 11.41%	Global Balanced 9.40%	Mid Cap -1.55%	TIPS 6.98%	US Bonds -2.02%	Core Real Estate 5.04%	High Yield 2.41%
Global Balanced -6.70%	Global Balanced -9.04%	Intl -14.95%	TIPS 8.40%	Commod. 9.15%	TIPS 2.84%	Cash 4.85%	Large Cap 5.49%	Large Cap -37.00%	Global Bonds 6.93%	US Bonds 6.54%	Small Cap -4.18%	Global Bonds 4.32%	Global Bonds -2.60%	Global Bonds 4.93%	Small Cap 2.05%
Large Cap -9.10%	Large Cap -11.89%	Mid Cap -16.19%	Core Real Estate 8.28%	TIPS 8.46%	High Yield 2.74%	US Bonds 4.33%	Cash 4.44%	Mid Cap -41.46%	US Bonds 5.93%	TIPS 6.31%	Commod. -13.32%	US Bonds 4.21%	Emerging Markets -2.60%	US Bonds 3.93%	US Bonds 2.04%
Intl -15.31%	Commod. -19.51%	Small Cap -20.48%	US Bonds 4.10%	US Bonds 4.34%	US Bonds 2.43%	Commod. 2.07%	High Yield 1.87%	Intl -45.53%	Cash 0.16%	Global Bonds 5.54%	Intl -13.71%	Cash 0.08%	TIPS -8.61%	Small Cap 3.19%	Commod. 0.08%
Emerging Markets -30.83%	Intl -19.73%	Large Cap -22.10%	Cash 1.03%	Cash 1.44%	Global Bonds -4.49%	TIPS 0.41%	Small Cap -1.57%	Emerging Markets -53.33%	Core Real Estate -30.40%	Cash 0.15%	Emerging Markets -18.42%	Commod. -1.06%	Commod. -9.52%	Cash 0.03%	Cash 0.01%

Global Balanced is composed of 60% MSCI World Stock Index, 35% Barclays Global Aggregate Bond Index, and 5% US 90-Day T-Bills.

## Spokane Employees' Retirement System

As of June 30, 2014

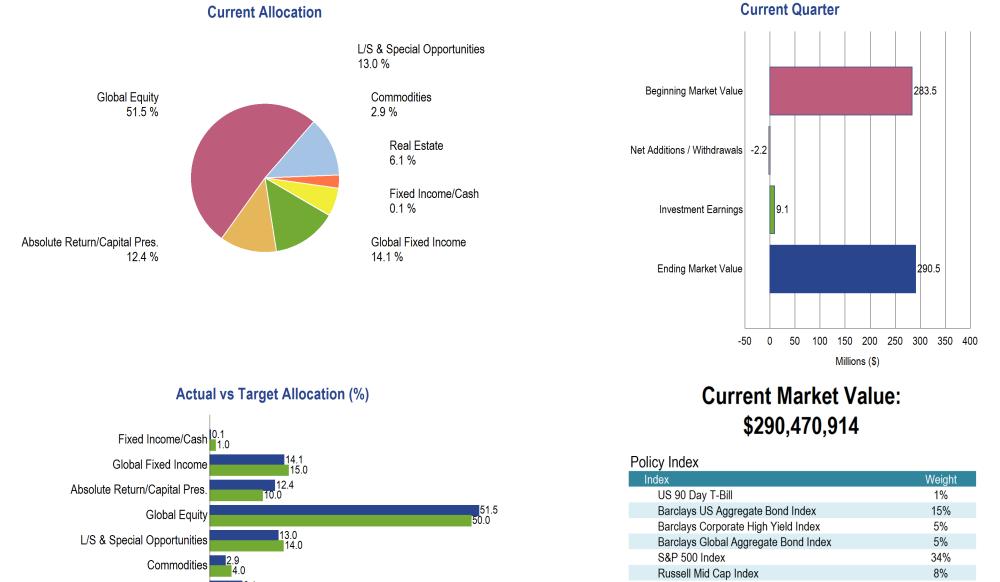
5%

17%

4%

3%

3%



#### **Current Quarter**

Russell 2000 Index

MSCI ACWI ex-US S&P GSCI Index

NAREIT Composite

NCREIF Property Index

6

60.0

50.0

**Real Estate** 

Policy

Actual

0.0

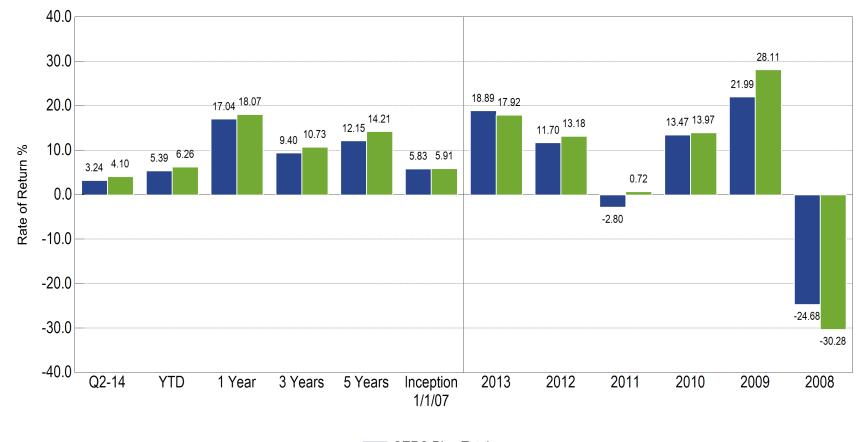
6.1 6.0

10.0

20.0

30.0

40.0



Return Summary Ending June 30, 2014

SERS Plan Total

Performance Net of Fees Performance greater than 1 year is annualized

As of June 30, 2014

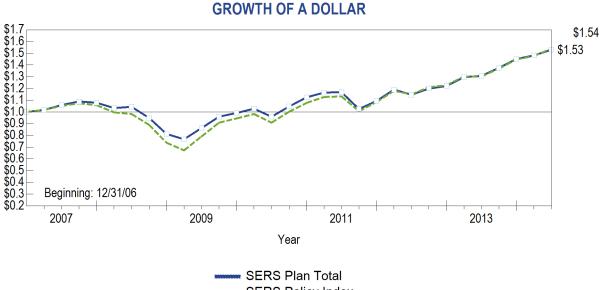
# Total Account Performance Summary

	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	2013 (%)	2012 (%)	2011 (%)	2010 (%)	2009 (%)	2008 (%)	Return (%)	Since
SERS Plan Total	3.24	5.39	17.04	9.40	12.15	18.89	11.70	-2.80	13.47	21.99	-24.68	5.83	Jan-07
SERS Policy Index	<u>4.10</u>	<u>6.26</u>	<u>18.07</u>	<u>10.73</u>	<u>14.21</u>	<u>17.92</u>	<u>13.18</u>	<u>0.72</u>	<u>13.97</u>	<u>28.11</u>	<u>-30.28</u>	<u>5.91</u>	Jan-07
Over/Under	-0.86	-0.87	-1.03	-1.33	-2.06	0.97	-1.48	-3.52	-0.50	-6.12	5.60	-0.08	
70/30 ACWI/Barclays Aggregate Bond	4.14	5.56	17.19	8.49	11.66	14.87	12.66	-2.67	11.31	25.93	-30.17	4.95	Jan-07
Fixed Income Total	2.10	3.91	7.04	4.53	5.42	1.22	8.22	3.12	5.99	10.76	4.07	5.84	Apr-07
Barclays Aggregate	<u>2.04</u>	<u>3.93</u>	<u>4.37</u>	<u>3.66</u>	<u>4.85</u>	<u>-2.02</u>	<u>4.21</u>	<u>7.84</u>	<u>6.54</u>	<u>5.93</u>	<u>5.24</u>	<u>5.08</u>	Apr-07
Over/Under	0.06	-0.02	2.67	0.87	0.57	3.24	4.01	-4.72	-0.55	4.83	-1.17	0.76	
Absolute Return/Capital Pres	1.00	2.82	5.24	5.07	3.07	4.65	6.68	2.63	-0.34	-0.05	-11.23	0.63	Jan-08
HFRI FOF: Conservative Index	<u>1.28</u>	<u>2.60</u>	<u>6.65</u>	<u>3.45</u>	<u>4.11</u>	<u>7.70</u>	<u>4.22</u>	<u>-3.55</u>	<u>5.07</u>	<u>9.65</u>	<u>-19.86</u>	<u>0.39</u>	Jan-08
Over/Under	-0.28	0.22	-1.41	1.62	-1.04	-3.05	2.46	6.18	-5.41	-9.70	8.63	0.24	
Barclays Aggregate	2.04	3.93	4.37	3.66	4.85	-2.02	4.21	7.84	6.54	5.93	5.24	4.83	Jan-08
Long Short/Special Opps Total	2.63	4.49	12.77	5.10	6.79	15.23	3.81	-6.31	7.61	17.81		3.02	Apr-08
HFRI Fund of Funds Composite Index	<u>1.47</u>	<u>2.04</u>	<u>7.55</u>	<u>3.28</u>	<u>4.23</u>	<u>8.96</u>	<u>4.79</u>	<u>-5.72</u>	<u>5.70</u>	<u>11.47</u>	<u>-21.37</u>	<u>0.98</u>	Apr-08
Over/Under	1.16	2.45	5.22	1.82	2.56	6.27	-0.98	-0.59	1.91	6.34		2.04	
S&P 500	5.23	7.14	24.61	16.58	18.83	32.39	16.00	2.11	15.06	26.46	-37.00	8.87	Apr-08
Large Cap Equity Total	4.50	6.71	25.89	16.24	18.40	34.81	15.42	-0.61	15.76	27.61	-37.39	7.45	Apr-07
S&P 500	<u>5.23</u>	<u>7.14</u>	<u>24.61</u>	<u>16.58</u>	<u>18.83</u>	<u>32.39</u>	<u>16.00</u>	<u>2.11</u>	<u>15.06</u>	<u>26.46</u>	<u>-37.00</u>	<u>6.83</u>	Apr-07
Over/Under	-0.73	-0.43	1.28	-0.34	-0.43	2.42	-0.58	-2.72	0.70	1.15	-0.39	0.62	
Mid Cap Equity Total	3.93	5.67	24.74	14.17	20.28	37.51	14.18	-2.95	22.88	37.22	-35.55	9.00	Apr-07
Russell MidCap	<u>4.97</u>	<u>8.67</u>	<u>26.85</u>	<u>16.09</u>	<u>22.07</u>	<u>34.76</u>	<u>17.28</u>	<u>-1.55</u>	<u>25.48</u>	<u>40.48</u>	<u>-41.46</u>	<u>8.15</u>	Apr-07
Over/Under	-1.04	-3.00	-2.11	-1.92	-1.79	2.75	-3.10	-1.40	-2.60	-3.26	5.91	0.85	
Small Cap Equity Total	2.82	3.57	25.09	14.15	18.98	40.29	12.78	-3.08	26.03	24.96	-39.70	5.54	Apr-07
Russell 2000	<u>2.05</u>	<u>3.19</u>	<u>23.64</u>	<u>14.57</u>	<u>20.21</u>	<u>38.82</u>	<u>16.35</u>	<u>-4.18</u>	<u>26.86</u>	<u>27.17</u>	<u>-33.79</u>	<u>7.13</u>	Apr-07
Over/Under	0.77	0.38	1.45	-0.42	-1.23	1.47	-3.57	1.10	-0.83	-2.21	-5.91	-1.59	

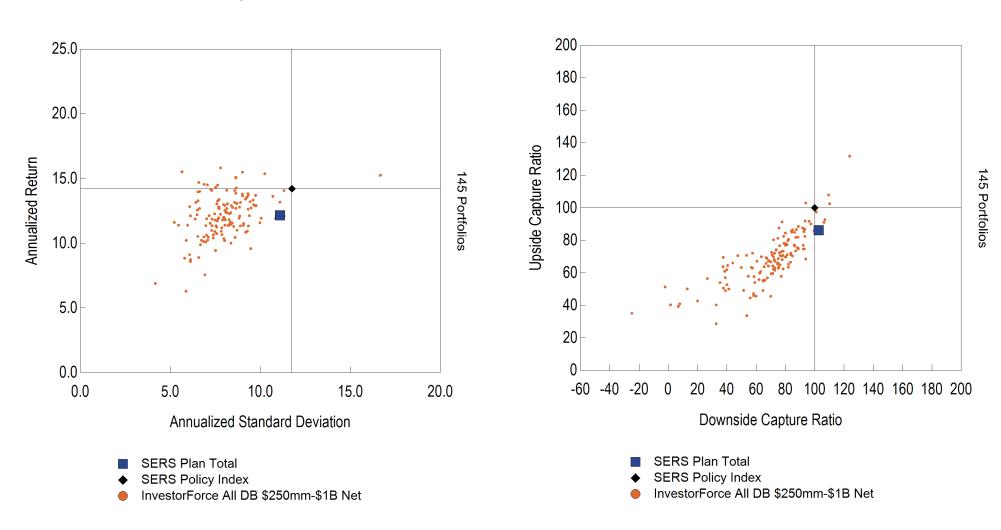
#### Spokane Employees' Retirement System

As of June 30, 2014

#### **Total Account Performance Summary** 3 Mo YTD 1 Yr 3 Yrs 5 Yrs 2013 2012 2011 2010 2009 2008 Return Since (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) (%) International Equity Total 21.95 8.13 13.27 20.93 18.48 -13.72 38.62 -39.76 5.25 3.77 4.96 17.28 Apr-07 MSCI ACWI ex USA 21.75 16.83 <u>-13.71</u> <u>11.15</u> <u>41.45</u> -45.53 <u>2.33</u> Apr-07 5.03 5.56 <u>5.73</u> <u>11.11</u> <u>15.29</u> Over/Under -1.26 -0.60 0.20 2.40 2.16 5.64 1.65 -0.01 6.13 -2.83 5.77 2.92 4.41 2.55 **Commodities Total** 14.95 -3.39 -1.87 -3.28 7.17 5.84 8.99 -0.03 Apr-09 S&P GSCI Total Return Index 2.69 5.71 10.40 0.18 3.70 0.08 -1.18 9.03 13.48 -46.49 7.05 Apr-09 -1.22 Over/Under 4.55 -0.21 -2.17 -1.95 -2.10 -1.86 -1.21 1.72 3.28 -1.15 DJ UBS Commodity TR USD 0.08 8.21 -5.17 -9.52 -13.32 16.83 4.05 Apr-09 7.08 1.99 -1.06 18.91 -35.65 20.56 -30.09 3.12 Apr-07 Real Estate Total 5.30 14.04 14.71 13.13 8.71 15.17 9.44 23.35 13.84 RE Index (50/50 NAREIT Comp REIT/NCREIF PI) 4.94 12.65 15.38 20.65 <u>5.56</u> -20.87 <u>5.47</u> Apr-07 10.89 12.02 16.59 7.30 11.44 -2.00 -9.22 Over/Under 0.36 3.15 2.06 1.11 3.97 1.41 -0.21 2.70 8.28 -2.35



SERS Policy Index



#### Annualized Return vs. Annualized Standard Deviation 5 Years Ending June 30, 2014

#### Upside Capture Ratio vs. Downside Capture Ratio 5 Years Ending June 30, 2014

