



West Virginia Investment Management Board

**Monthly Performance Report**

November 30, 2012

STRATEGIC INVESTMENT SOLUTIONS, INC.

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**West Virginia Investment Management Board**

Participant Plans Allocation &amp; Performance Net of Fees

As of November 30, 2012

	6/30/2012		11/30/2012		Performance %						
	Asset (\$000)	%	Asset (\$000)	%	1 Month	3 Month	FYTD	1 Year	3 Year	5 Year	10 Year
<b>WVIMB Fund Assets</b>	<b>13,170,110</b>	<b>100.0</b>	<b>13,819,353</b>	<b>100.0</b>							
<b>Pension Assets</b>	<b>10,300,026</b>	<b>78.2</b>	<b>10,803,511</b>	<b>78.2</b>							
Public Employees' Retirement System	4,353,124	33.1	4,579,748	33.1	0.9	3.0	5.9	12.0	9.1	3.4	7.7
Teachers' Retirement System	4,969,706	37.6	5,317,935	38.5	0.9	3.0	5.9	11.9	9.0	2.9	7.3
Teachers' Employers Cont. Collection A/C	142,994	1.1	32,871	0.2	0.0	0.0	0.0	0.0	0.1	0.6	
EMS Retirement System	35,161	0.3	38,327	0.3	0.9	3.0	5.9	12.0	9.0		
Public Safety Retirement System	477,497	3.6	491,674	3.6	0.9	3.0	6.0	12.1	9.2	3.4	7.7
Judges' Retirement System	126,294	1.0	132,191	1.0	0.9	3.0	5.9	12.0	9.1	3.4	7.6
State Police Retirement System	78,753	0.6	85,941	0.6	0.9	3.0	5.9	11.9	9.0	3.4	7.6
Deputy Sheriffs' Retirement System	116,308	0.9	124,529	0.9	0.9	3.0	5.9	12.0	9.1	3.4	7.7
Municipal Police & Firefighter Retirement System	189	0.0	295	0.0	0.8	2.8	5.5	10.9			
<b>Insurance Assets</b>	<b>1,991,081</b>	<b>15.1</b>	<b>2,076,467</b>	<b>15.0</b>							
Workers' Compensation Old Fund	946,854	7.1	993,773	7.2	0.4	1.9	4.1	8.8	6.7	3.5	
Workers' Comp. Self-Insured Guaranty Risk Pool	10,878	0.1	14,173	0.1	0.4	1.9	4.2	8.6	4.4	3.2	
Workers' Comp. Uninsured Employers Fund	9,148	0.1	9,523	0.1	0.5	1.9	4.1	8.5	3.8	2.9	
Pneumoconiosis	257,121	2.0	263,454	1.9	0.5	2.0	4.3	8.7	7.0	4.1	6.0
Board of Risk & Insurance Mgmt.	138,164	1.1	136,911	1.0	0.5	2.0	4.3	8.7	7.2	5.1	
Public Employees' Insurance Agency	183,321	1.4	190,246	1.4	0.4	1.7	3.8	8.3	7.0	4.6	
WV Retiree Health Benefit Trust Fund	443,144	3.3	465,851	3.3	0.7	2.4	5.1	10.0	7.6		
AccessWV	2,451	0.0	2,536	0.0	0.3	1.6	3.5	8.2			
<b>Endowment Assets</b>	<b>879,003</b>	<b>6.7</b>	<b>939,375</b>	<b>6.8</b>							
Wildlife Fund	40,057	0.3	42,621	0.3	0.9	3.0	5.9	11.9	9.1	3.4	7.7
Prepaid Tuition Trust	77,822	0.6	77,237	0.5	0.7	2.0	4.7	10.6	8.8	4.1	8.0
Revenue Shortfall Reserve Fund	423,261	3.2	466,669	3.4	0.3	1.7	3.5	8.1	7.6	1.8	
Revenue Shortfall Reserve Fund - Part B	331,325	2.5	345,901	2.5	0.5	2.0	4.4	9.7	7.9	1.9	
WV DEP Trust	6,538	0.1	6,947	0.1	0.9	3.0	6.3	12.5			

**West Virginia Investment Management Board**  
Composite Asset Allocation & Performance Net of Fees  
As of November 30, 2012

	Asset (\$000)	%	Performance %						
			1 Month	3 Month	FYTD	1 Year	3 Year	5 Year	10 Year
Investment Pools Composite	13,824,693	100.00							
Total Equity Composite	6,097,123	44.10	1.21	4.01	8.07	14.44	9.53	1.09	8.33
<i>Total Equity Policy Index</i>			<u>1.35</u>	<u>3.90</u>	<u>7.58</u>	<u>14.16</u>	<u>7.85</u>	<u>-0.75</u>	<u>7.61</u>
Excess Return			-0.14	0.11	0.49	0.28	1.68	1.84	0.72
US Equity Composite	2,943,167	21.29	1.25	1.87	5.98	16.00	12.75	2.17	7.72
<i>Russell 3000 Index</i>			<u>0.77</u>	<u>1.64</u>	<u>5.21</u>	<u>15.95</u>	<u>11.80</u>	<u>1.67</u>	<u>6.93</u>
Excess Return			0.48	0.23	0.77	0.05	0.95	0.50	0.79
Large Cap Composite	2,164,898	15.66	0.77	1.28	5.08	15.90	11.96	1.55	6.46
<i>S&amp;P 500 Index</i>			<u>0.58</u>	<u>1.27</u>	<u>4.99</u>	<u>16.13</u>	<u>11.25</u>	<u>1.34</u>	<u>6.36</u>
Excess Return			0.19	0.01	0.09	-0.23	0.71	0.21	0.10
Non-Large Cap Composite	778,269	5.63	2.62	3.55	8.60	16.17	16.78	4.50	10.16
<i>Russell 2500 Index</i>			<u>1.54</u>	<u>3.09</u>	<u>6.07</u>	<u>15.13</u>	<u>15.01</u>	<u>3.68</u>	<u>9.69</u>
Excess Return			1.08	0.46	2.53	1.04	1.77	0.82	0.47
International Equity Composite	3,153,956	22.81	1.17	6.01	10.02	12.71	6.15	-0.27	9.96
<i>MSCI AC World ex US Index</i>			<u>1.92</u>	<u>6.19</u>	<u>9.99</u>	<u>12.19</u>	<u>3.87</u>	<u>-3.39</u>	<u>9.48</u>
Excess Return			-0.75	-0.18	0.03	0.52	2.28	3.12	0.48
Fixed Income Composite	3,612,782	26.14	0.20	1.43	3.48	8.63	6.85	5.78	5.94
<i>Fixed Income Policy</i>			<u>0.24</u>	<u>0.85</u>	<u>2.57</u>	<u>6.75</u>	<u>6.24</u>	<u>6.36</u>	<u>5.57</u>
Excess Return			-0.04	0.58	0.91	1.88	0.61	-0.58	0.37
Core Fixed Income	1,267,418	9.17	0.35	0.86	2.51	6.84	6.67		
<i>Barclays Capital Aggregate</i>			<u>0.16</u>	<u>0.49</u>	<u>1.95</u>	<u>5.51</u>	<u>5.68</u>		
Excess Return			0.19	0.37	0.56	1.33	0.99		
Total Return Fixed Income	2,345,364	16.97	0.11	1.74	3.99	9.57	7.02	6.15	6.51
<i>Barclays Capital US Universal</i>			<u>0.24</u>	<u>0.85</u>	<u>2.57</u>	<u>6.75</u>	<u>6.24</u>	<u>6.25</u>	<u>5.80</u>
Excess Return			-0.13	0.89	1.42	2.82	0.78	-0.10	0.71
TIPS Composite	776,118	5.61	0.48	1.88	3.52	7.69	8.34	0.00	
<i>Barclays Capital U.S. TIPS</i>			<u>0.48</u>	<u>1.86</u>	<u>3.50</u>	<u>7.72</u>	<u>8.33</u>	<u>0.00</u>	
Excess Return			0.00	0.02	0.02	-0.03	0.01	0.00	
TRS Annuity	54,079	0.39	0.36	1.10	1.86	4.48	4.49		
Cash Composite	242,166	1.75	0.01	0.03	0.04	0.08	0.11	0.69	1.91
<i>Citigroup 90 Day T-Bill + 0.15%</i>			<u>0.01</u>	<u>0.05</u>	<u>0.10</u>	<u>0.22</u>	<u>0.26</u>	<u>0.72</u>	<u>1.95</u>
Excess Return			0.00	-0.02	-0.06	-0.14	-0.15	-0.03	-0.04
Private Equity Composite	1,036,039	7.49	1.40	3.42	5.41	15.28	14.92		
Real Estate Composite	748,930	5.42	0.79	1.84	2.69	10.14	8.67		
Hedge Funds Composite	1,257,456	9.10	0.49	1.53	3.65	5.59	4.67		
<i>LIBOR + 4%</i>			<u>0.35</u>	<u>1.06</u>	<u>1.80</u>	<u>4.45</u>	<u>4.37</u>		
Excess Return			0.14	0.47	1.85	1.14	0.30		

**West Virginia Investment Management Board**

Participant Plans Allocation vs. Strategy

As of November 30, 2012

	Domestic Equity		Int'l Equity		Fixed Income		Private Equity		Real Estate		Hedge Funds		Cash	
	Actual %	Strategy %	Actual %	Strategy %	Actual %	Strategy %	Actual %	Strategy %	Actual %	Strategy %	Actual %	Strategy %	Actual %	Strategy %

**Pension Assets**

Public Employees' Retirement System	24.5	25.0	26.5	25.0	22.3	20.0	9.6	10.0	6.9	10.0	9.8	10.0	0.4	0.0
Teachers' Retirement System	24.6	25.0	26.3	25.0	21.9	20.0	9.5	10.0	6.9	10.0	9.9	10.0	0.9	0.0
Teachers' Employers Cont. Collection A/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0
EMS Retirement System	25.1	25.0	25.5	25.0	22.1	20.0	9.4	10.0	6.9	10.0	9.9	10.0	1.1	0.0
Public Safety Retirement System	24.5	25.0	26.8	25.0	22.4	20.0	9.8	10.0	7.0	10.0	9.3	10.0	0.2	0.0
Judges' Retirement System	24.6	25.0	26.5	25.0	22.6	20.0	9.7	10.0	6.9	10.0	9.3	10.0	0.4	0.0
State Police Retirement System	25.2	25.0	25.4	25.0	22.2	20.0	9.4	10.0	6.9	10.0	9.8	10.0	1.1	0.0
Deputy Sheriffs' Retirement System	24.9	25.0	26.1	25.0	22.2	20.0	9.6	10.0	6.9	10.0	9.9	10.0	0.4	0.0
Municipal Police & Firefighter Retirement System	21.1	25.0	23.6	25.0	18.7	20.0	8.9	10.0	6.4	10.0	8.8	10.0	12.5	0.0

**Insurance Assets**

Workers' Compensation Old Fund	9.7	10.0	10.7	10.0	68.6	70.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	10.0
Workers' Comp. Self-Insured Guaranty Risk Pool	8.2	10.0	8.6	10.0	45.1	55.0	0.0	0.0	0.0	0.0	15.9	20.0	22.2	5.0
Workers' Comp. Uninsured Employers Fund	9.8	10.0	10.7	10.0	49.7	50.0	0.0	0.0	0.0	0.0	19.7	20.0	10.1	10.0
Pneumoconiosis	9.9	10.0	10.8	10.0	54.7	55.0	0.0	0.0	0.0	0.0	20.0	20.0	4.6	5.0
Board of Risk & Insurance Mgmt.	9.8	10.0	10.8	10.0	54.7	55.0	0.0	0.0	0.0	0.0	19.5	20.0	5.2	5.0
Public Employees' Insurance Agency	4.9	4.9	5.3	5.3	74.9	74.8	0.0	0.0	0.0	0.0	10.0	10.0	4.9	5.0
WV Retiree Health Benefit Trust Fund	17.1	17.1	18.5	18.6	44.9	44.3	0.0	0.0	0.0	0.0	19.3	20.0	0.2	0.0
AccessWV	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Endowment Assets**

Wildlife Fund	24.6	25.0	26.2	25.0	22.3	20.0	9.7	10.0	6.9	10.0	9.9	10.0	0.4	0.0
Prepaid Tuition Trust	29.8	30.0	16.6	16.0	52.3	54.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0
Revenue Shortfall Reserve Fund	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Revenue Shortfall Reserve Fund - Part B	9.8	10.0	10.5	10.0	79.6	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
WV DEP Trust	35.3	35.0	29.6	30.0	35.1	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Statutory Limitations

- Public Equity - 75%
- International Proportions of Equity, Fixed Income, and Real Estate - 30%
- Real Estate - 25%
- Private Equity and Hedge Funds - 20% in aggregate

**West Virginia Investment Management Board**

Footnotes

As of November 30, 2012

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PERS Policy is 30% Russell 3000, 30% MSCI ACW ex USA, and 40% Barclays Capital Universal as of 4/1/08. Prior periods, 42% Russell 3000, 18% MSCI ACW ex USA, and 40% Barclays Capital Agggregate.

Total Equity Policy is 50% Russell 3000 and 50% MSCI ACW ex USA as of April 2008. Prior periods were 40% S&P 500, 30% Russell 2500, and 30% MSCI ACW ex USA.

Fixed Income Policy is 100% Barclays Capital Universal as of April 2008. Prior periods were the Barclays Capital Aggregate.

Western Policy Index is 100% Barclays Capital Universal as of April 2008. Prior periods were a custom index.

Security Capital Benchmark is 40% Wilshire US REIT Index, 30% Wells Fargo Hybrid & Preferred Securities REIT Index, and 30% BC REIT Bond Index.

Returns are net of management fees. Returns shorter than one year are unannualized.