



# West Virginia Investment Management Board

## Monthly Performance Report

April 30, 2011

STRATEGIC INVESTMENT SOLUTIONS, INC.

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**West Virginia Investment Management Board**  
 Participant Plans Allocation & Performance Net of Fees  
 As of April 30, 2011

	6/30/2010		4/30/2011		Performance %						
	Asset (\$000)	%	Asset (\$000)	%	1 Month	3 Month	FYTD	1 Year	3 Year	5 Year	10 Year
<b>WVIMB Fund Assets</b>	<b>10,658,972</b>	<b>100.0</b>	<b>12,825,681</b>	<b>100.0</b>							
<b>Pension Assets</b>	<b>8,456,704</b>	<b>79.4</b>	<b>10,153,380</b>	<b>79.1</b>							
Public Employees' Retirement System	3,682,115	34.5	4,424,709	34.5	2.9	5.7	22.2	15.4	4.8	5.1	6.5
Teachers' Retirement System	4,099,339	38.5	4,887,322	38.1	2.8	5.6	22.0	15.2	3.9	4.5	6.2
Teachers' Employers Cont. Collection A/C	355	0.0	30,240	0.2	0.0	0.0	0.1	0.1	0.6		
EMS Retirement System	23,345	0.2	31,879	0.3	2.8	5.6	22.3	15.1	4.9		
Public Safety Retirement System	404,446	3.8	468,764	3.6	2.9	5.7	22.3	15.6	4.8	5.0	6.6
Judges' Retirement System	102,814	1.0	126,676	1.0	2.9	5.6	22.2	15.4	4.8	5.0	6.4
State Police Retirement System	52,739	0.5	70,108	0.5	2.8	5.6	22.0	15.2	4.8	5.1	6.4
Deputy Sheriffs' Retirement System	91,548	0.9	113,631	0.9	2.9	5.6	22.2	15.4	4.8	5.1	6.5
Municipal Police & Firefighter Retirement System	3	0.0	51	0.0	0.0	0.0	0.1	0.1			
<b>Insurance Assets</b>	<b>1,632,789</b>	<b>15.3</b>	<b>1,989,198</b>	<b>15.6</b>							
Workers' Compensation Old Fund	888,780	8.3	943,946	7.4	1.7	3.3	9.6	8.8	3.5	4.7	
Workers' Comp. Self-Insured Guaranty Risk Pool	8,066	0.1	9,555	0.1	1.7	3.4	6.8	6.9	2.8	3.7	
Workers' Comp. Uninsured Employers Fund	8,852	0.1	9,597	0.1	1.7	3.4	5.3	5.3	2.3	3.4	
Pneumoconiosis	244,191	2.3	264,840	2.1	1.7	3.4	12.2	9.7	4.8	5.3	
Board of Risk & Insurance Mgmt.	120,331	1.1	141,284	1.1	1.7	3.4	12.3	9.9	6.3	6.3	
Public Employees' Insurance Agency	131,127	1.2	175,206	1.4	1.5	2.9	9.2	7.5	4.7	5.3	
WV Retiree Health Benefit Trust Fund	229,477	2.2	442,524	3.4	2.2	4.5	13.3	13.6	8.7		
AccessWV	1,965	0.0	2,246	0.0	1.7	3.1	14.3	7.2			
<b>Endowment Assets</b>	<b>569,479</b>	<b>5.3</b>	<b>683,103</b>	<b>5.3</b>							
Wildlife Fund	34,874	0.3	41,678	0.3	2.9	5.6	22.2	15.4	4.6	5.1	6.9
Prepaid Tuition Trust	77,283	0.7	85,612	0.7	2.6	5.0	20.9	14.4	5.6	5.7	6.9
Revenue Shortfall Reserve Fund	178,632	1.7	240,972	1.9	1.8	3.2	5.3	5.8	-0.5		
Revenue Shortfall Reserve Fund - Part B	278,690	2.6	314,841	2.4	1.9	3.6	13.0	9.4	1.1		

**West Virginia Investment Management Board**

Composite Asset Allocation &amp; Performance Net of Fees

As of April 30, 2011

	Asset (\$000)	%	Performance %							
			1 Month	3 Month	FYTD	1 Year	3 Year	5 Year	10 Year	
Investment Pools Composite	12,830,622	100.00								
Total Equity Composite	5,841,180	45.51	4.07	8.10	37.03	21.61	3.68	4.33	6.25	
<i>Total Equity Policy Index</i>			<u>3.97</u>	<u>7.38</u>	<u>36.19</u>	<u>19.38</u>	<u>1.11</u>	<u>2.89</u>	<u>5.35</u>	
Excess Return			0.10	0.72	0.84	2.23	2.57	1.44	0.90	
US Equity Composite	2,933,890	22.85	3.39	8.78	38.56	21.05	3.09	3.26	4.84	
<i>Russell 3000 Index</i>			<u>2.98</u>	<u>7.21</u>	<u>36.34</u>	<u>18.35</u>	<u>2.75</u>	<u>3.33</u>	<u>3.64</u>	
Excess Return			0.41	1.57	2.22	2.70	0.34	-0.07	1.20	
Large Cap Composite	2,147,451	16.73	3.25	7.39	35.23	18.24	1.86	2.88	2.67	
<i>S&amp;P 500 Index</i>			<u>2.96</u>	<u>6.53</u>	<u>34.43</u>	<u>17.22</u>	<u>1.73</u>	<u>2.95</u>	<u>2.82</u>	
Excess Return			0.29	0.86	0.80	1.02	0.13	-0.07	-0.15	
Non-Large Cap Composite	786,439	6.12	3.80	12.81	51.01	31.39	7.94	5.49	9.15	
<i>Russell 2500 Index</i>			<u>2.89</u>	<u>10.36</u>	<u>44.15</u>	<u>23.89</u>	<u>8.02</u>	<u>4.91</u>	<u>8.24</u>	
Excess Return			0.91	2.45	6.86	7.50	-0.08	0.58	0.91	
International Equity Composite	2,907,290	22.66	4.76	7.41	35.52	22.02	3.85	5.92	8.89	
<i>MSCI AC World ex US Index</i>			<u>4.96</u>	<u>7.54</u>	<u>35.91</u>	<u>20.22</u>	<u>-0.76</u>	<u>4.02</u>	<u>7.66</u>	
Excess Return			-0.20	-0.13	-0.39	1.80	4.61	1.90	1.23	
Fixed Income Composite	3,420,207	26.66	1.08	1.99	5.99	6.77	6.11	6.16	6.48	
<i>Fixed Income Policy</i>			<u>1.30</u>	<u>1.74</u>	<u>3.84</u>	<u>5.93</u>	<u>6.09</u>	<u>6.56</u>	<u>5.86</u>	
Excess Return			-0.22	0.25	2.15	0.84	0.02	-0.40	0.62	
Core Fixed Income	1,159,074	9.03	1.24	1.63	4.18	6.81				
<i>Barclays Capital Aggregate</i>			<u>1.27</u>	<u>1.58</u>	<u>2.86</u>	<u>5.36</u>				
Excess Return			-0.03	0.05	1.32	1.45				
Total Return Fixed Income	2,261,133	17.63	1.00	2.16	6.86	6.03	7.19	6.79	7.26	
<i>Barclays Capital US Universal</i>			<u>1.30</u>	<u>1.74</u>	<u>3.84</u>	<u>5.93</u>	<u>6.09</u>	<u>6.42</u>	<u>6.01</u>	
Excess Return			-0.30	0.42	3.02	0.10	1.10	0.37	1.25	
TIPS Composite	887,296	6.92	2.55	4.47	6.38	7.85				
<i>Barclays Capital U.S.TIPS</i>			<u>2.51</u>	<u>4.44</u>	<u>6.55</u>	<u>8.06</u>				
Excess Return			0.04	0.03	-0.17	-0.21				
TRS Annuity	158,120	1.23	0.36	1.08	3.73	4.50				
Cash Composite	229,401	1.79	0.01	0.03	0.14	0.17	0.61	2.36	2.32	
<i>Citigroup 90 Day T-Bill + 15 bps</i>			<u>0.03</u>	<u>0.10</u>	<u>0.28</u>	<u>0.32</u>	<u>0.64</u>	<u>2.31</u>	<u>2.34</u>	
Excess Return			-0.02	-0.07	-0.14	-0.15	-0.03	0.05	-0.02	
Private Equity Composite	950,860	7.41	3.41	6.38	14.54	16.13	1.88			
Real Estate Composite	229,091	1.79	2.31	3.98	12.66	13.80	-2.85			
Hedge Funds Composite	1,114,467	8.69	0.64	2.21	9.22	7.23				

**West Virginia Investment Management Board**

Participant Plans Allocation vs. Targets

As of April 30, 2011

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

**Pension Assets**

Public Employees' Retirement System	26.2	25.0	25.9	25.0	26.8	27.0	9.4	10.0	2.3	3.0	9.1	10.0	0.3	0.0
Teachers' Retirement System	25.8	25.0	25.7	25.0	26.8	27.0	9.3	10.0	2.3	3.0	9.1	10.0	1.0	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	25.4	25.0	25.2	25.0	27.6	27.0	9.0	10.0	2.2	3.0	9.0	10.0	1.6	0.0
Public Safety Retirement System	25.8	25.0	26.0	25.0	26.5	27.0	9.7	10.0	2.3	3.0	9.7	10.0	0.0	0.0
Judges' Retirement System	25.6	25.0	25.6	25.0	26.1	27.0	9.3	10.0	2.2	3.0	9.4	10.0	1.8	0.0
State Police Retirement System	25.4	25.0	25.3	25.0	27.6	27.0	8.9	10.0	2.2	3.0	9.4	10.0	1.2	0.0
Deputy Sheriffs' Retirement System	25.6	25.0	25.6	25.0	27.3	27.0	9.3	10.0	2.2	3.0	9.7	10.0	0.3	0.0
Municipal Police & Firefighter Retirement System	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

**Insurance Assets**

Workers' Compensation Old Fund	10.5	10.0	10.6	10.0	69.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	10.0
Workers' Comp. Self-Insured Guaranty Risk Pool	10.3	10.0	10.3	10.0	54.1	55.0	0.0	0.0	0.0	0.0	18.9	20.0	6.4	5.0
Workers' Comp. Uninsured Employers Fund	10.4	10.0	10.3	10.0	54.5	55.0	0.0	0.0	0.0	0.0	19.4	20.0	5.4	5.0
Pneumoconiosis	10.5	10.0	10.5	10.0	54.7	55.0	0.0	0.0	0.0	0.0	19.7	20.0	4.6	5.0
Board of Risk & Insurance Mgmt.	10.4	10.0	10.4	10.0	55.6	55.0	0.0	0.0	0.0	0.0	18.7	20.0	4.9	5.0
Public Employees' Insurance Agency	5.3	5.0	5.2	5.0	74.7	75.0	0.0	0.0	0.0	0.0	9.9	10.0	4.9	5.0
WV Retiree Health Benefit Trust Fund	17.9	17.5	18.6	17.5	44.2	45.0	0.0	0.0	0.0	0.0	19.3	20.0	0.0	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	25.6	25.0	25.5	25.0	27.3	27.0	9.5	10.0	2.2	3.0	9.4	10.0	0.5	0.0
Prepaid Tuition Trust	34.8	35.8	18.7	19.2	45.3	45.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	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	10.5	10.0	10.4	10.0	79.1	80.0	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 April 30, 2011

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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.

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