



# West Virginia Investment Management Board

## Monthly Performance Report

November 30, 2011

STRATEGIC INVESTMENT SOLUTIONS, INC.

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

	6/30/2011		11/30/2011		Performance %						
	Asset (\$000)	%	Asset (\$000)	%	1 Month	3 Month	FYTD	1 Year	3 Year	5 Year	10 Year
<b>WVIMB Fund Assets</b>	<b>12,849,850</b>	<b>100.0</b>	<b>12,413,135</b>	<b>100.0</b>							
<b>Pension Assets</b>	<b>10,191,097</b>	<b>79.3</b>	<b>9,659,275</b>	<b>77.8</b>							
Public Employees' Retirement System	4,359,025	33.8	4,141,192	33.3	-1.5	-0.8	-4.4	4.8	15.2	2.6	6.0
Teachers' Retirement System	5,010,212	38.9	4,710,017	37.8	-1.5	-0.8	-4.4	4.7	14.6	2.1	5.7
Teachers' Employers Cont. Collection A/C	-	0.0	30,974	0.3	0.0	0.0	0.0	0.0	0.2		
EMS Retirement System	31,963	0.3	31,717	0.3	-1.5	-1.0	-4.5	4.6	15.0		
Public Safety Retirement System	482,005	3.8	448,065	3.6	-1.5	-0.9	-4.5	4.8	15.2	2.6	6.1
Judges' Retirement System	124,587	1.0	118,569	1.0	-1.5	-0.9	-4.4	4.7	15.1	2.6	6.0
State Police Retirement System	70,756	0.6	70,139	0.6	-1.5	-1.0	-4.5	4.6	15.0	2.6	5.9
Deputy Sheriffs' Retirement System	112,488	0.9	108,504	0.9	-1.5	-0.9	-4.4	4.7	15.1	2.6	6.0
Municipal Police & Firefighter Retirement System	61	0.0	98	0.0	-1.5	-1.5	-1.5	-1.4			
<b>Insurance Assets</b>	<b>1,968,581</b>	<b>15.3</b>	<b>1,912,071</b>	<b>15.4</b>							
Workers' Compensation Old Fund	933,073	7.3	906,115	7.3	-0.9	-0.2	-1.0	4.0	11.9	3.0	
Workers' Comp. Self-Insured Guaranty Risk Pool	9,627	0.1	9,993	0.1	-0.8	-0.3	-1.4	3.8	1.7	2.7	
Workers' Comp. Uninsured Employers Fund	8,911	0.1	8,778	0.1	-0.9	-0.3	-1.5	3.7	1.2	2.3	
Pneumoconiosis	261,558	1.9	253,097	2.0	-0.9	-0.4	-1.5	3.8	12.2	3.6	
Board of Risk & Insurance Mgmt.	140,522	1.1	132,570	1.1	-0.8	-0.2	-1.3	3.9	13.1	4.5	
Public Employees' Insurance Agency	175,171	1.4	175,630	1.4	-0.7	0.0	0.3	4.4	12.5	4.0	
WV Retiree Health Benefit Trust Fund	437,457	3.4	423,543	3.4	-1.2	-0.6	-3.2	3.8	13.0		
AccessWV	2,262	0.0	2,345	0.0	-0.1	1.0	3.7	7.2			
<b>Endowment Assets</b>	<b>690,172</b>	<b>5.4</b>	<b>841,789</b>	<b>6.8</b>							
Wildlife Fund	40,380	0.3	38,770	0.3	-1.5	-0.8	-4.5	4.7	15.1	2.6	6.1
Prepaid Tuition Trust	84,791	0.7	77,885	0.6	-0.9	0.0	-3.2	5.1	16.6	3.5	6.5
Revenue Shortfall Reserve Fund	242,748	1.9	405,041	3.3	0.0	1.2	4.0	7.6	13.7	1.8	
Revenue Shortfall Reserve Fund - Part B	315,738	2.4	313,919	2.5	-0.9	-0.1	-0.6	4.8	13.7	1.6	
WV DEP Trust	6,515	0.1	6,174	0.1	-1.5	-0.7	-5.7				

**West Virginia Investment Management Board**  
Composite Asset Allocation & Performance Net of Fees  
As of November 30, 2011

	Asset (\$000)	%	Performance %						
			1 Month	3 Month	FYTD	1 Year	3 Year	5 Year	10 Year
Investment Pools Composite	12,417,706	100.00							
Total Equity Composite	5,459,137	43.96	-2.40	-1.96	-10.76	2.40	16.91	0.24	5.54
<i>Total Equity Policy Index</i>			-2.68	-2.13	-10.89	0.63	14.60	-1.41	4.69
Excess Return			0.28	0.17	0.13	1.77	2.31	1.65	0.85
US Equity Composite	2,895,466	23.32	-0.06	2.75	-5.97	8.63	15.73	0.32	4.62
<i>Russell 3000 Index</i>			-0.27	2.58	-5.78	7.00	15.29	0.06	3.57
Excess Return			0.21	0.17	-0.19	1.63	0.44	0.26	1.05
Large Cap Composite	2,165,513	17.44	-0.09	3.12	-4.44	8.85	14.92	0.04	2.87
<i>S&amp;P 500 Index</i>			-0.22	2.90	-4.67	7.83	14.13	-0.18	2.91
Excess Return			0.13	0.22	0.23	1.02	0.79	0.22	-0.04
Non-Large Cap Composite	729,953	5.88	0.02	1.73	-10.23	8.00	20.04	2.04	7.97
<i>Russell 2500 Index</i>			-0.35	1.92	-9.99	4.65	20.42	1.29	7.13
Excess Return			0.37	-0.19	-0.24	3.35	-0.38	0.75	0.84
International Equity Composite	2,563,671	20.64	-4.92	-6.85	-15.68	-3.91	17.55	0.57	7.88
<i>MSCI AC World ex US Index</i>			-5.08	-6.71	-15.83	-5.49	13.70	-1.67	7.01
Excess Return			0.16	-0.14	0.15	1.58	3.85	2.24	0.87
Fixed Income Composite	3,361,617	27.07	-0.79	-0.16	0.72	3.58	12.90	4.99	5.82
<i>Fixed Income Policy</i>			-0.30	0.56	3.16	5.22	8.65	6.22	5.63
Excess Return			-0.49	-0.72	-2.44	-1.64	4.25	-1.23	0.19
Core Fixed Income	1,134,887	9.14	-0.01	0.70	3.70	5.74			
<i>Barclays Capital Aggregate</i>			-0.09	0.75	3.84	5.52			
Excess Return			0.08	-0.05	-0.14	0.22			
Total Return Fixed Income	2,226,730	17.93	-1.18	-0.61	-0.79	2.43	13.60	5.17	6.35
<i>Barclays Capital US Universal</i>			-0.30	0.56	3.16	5.22	8.65	6.05	5.83
Excess Return			-0.88	-1.17	-3.95	-2.79	4.95	-0.88	0.52
TIPS Composite	947,375	7.63	0.79	2.42	7.30	11.76			
<i>Barclays Capital U.S.TIPS</i>			0.77	2.41	7.28	11.76			
Excess Return			0.02	0.01	0.02	0.00			
TRS Annuity	105,783	0.86	0.36	1.10	1.86	4.49			
Cash Composite	184,787	1.49	0.00	0.01	0.02	0.10	0.23	1.74	2.08
<i>Citigroup 90 Day T-Bill + 15 bps</i>			0.01	0.04	0.08	0.27	0.30	1.72	2.12
Excess Return			-0.01	-0.03	-0.06	-0.17	-0.07	0.02	-0.04
Private Equity Composite	982,754	7.91	-0.61	-0.30	5.37	14.54	14.42		
Real Estate Composite	304,243	2.45	-0.65	0.30	0.34	9.67	5.84		
Hedge Funds Composite	1,072,010	8.63	-0.40	-0.94	-2.11	1.48	8.23		
<i>LIBOR + 400 bps</i>			0.37	1.09	1.81	4.33	4.47		
Excess Return			-0.77	-2.03	-3.92	-2.85	3.76		

**West Virginia Investment Management Board**

Participant Plans Allocation vs. Targets

As of November 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	27.0	25.0	23.8	25.0	26.3	27.0	10.1	10.0	3.2	3.0	9.3	10.0	0.3	0.0
Teachers' Retirement System	26.9	25.0	23.9	25.0	26.4	27.0	10.2	10.0	3.2	3.0	9.1	10.0	0.3	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	27.0	25.0	23.6	25.0	26.1	27.0	9.9	10.0	3.0	3.0	9.6	10.0	0.8	0.0
Public Safety Retirement System	26.9	25.0	24.0	25.0	26.2	27.0	10.2	10.0	3.1	3.0	9.5	10.0	0.1	0.0
Judges' Retirement System	27.3	25.0	23.9	25.0	25.8	27.0	10.1	10.0	3.1	3.0	9.6	10.0	0.2	0.0
State Police Retirement System	27.2	25.0	23.5	25.0	25.9	27.0	9.9	10.0	3.0	3.0	9.6	10.0	0.9	0.0
Deputy Sheriffs' Retirement System	26.8	25.0	23.7	25.0	26.3	27.0	10.0	10.0	3.0	3.0	9.7	10.0	0.5	0.0
Municipal Police & Firefighter Retirement System	22.5	0.0	22.3	0.0	24.4	0.0	9.1	0.0	2.0	0.0	9.2	0.0	10.5	100.0

**Insurance Assets**

Workers' Compensation Old Fund	10.7	10.0	9.7	10.0	69.5	70.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	10.0
Workers' Comp. Self-Insured Guaranty Risk Pool	10.6	10.0	9.5	10.0	53.7	55.0	0.0	0.0	0.0	0.0	18.7	20.0	7.5	5.0
Workers' Comp. Uninsured Employers Fund	10.7	10.0	9.9	10.0	54.6	55.0	0.0	0.0	0.0	0.0	19.8	20.0	5.0	5.0
Pneumoconiosis	10.6	10.0	9.7	10.0	55.4	55.0	0.0	0.0	0.0	0.0	19.8	20.0	4.5	5.0
Board of Risk & Insurance Mgmt.	10.9	10.0	9.7	10.0	54.6	55.0	0.0	0.0	0.0	0.0	19.8	20.0	5.0	5.0
Public Employees' Insurance Agency	5.3	5.0	5.1	5.0	75.2	75.0	0.0	0.0	0.0	0.0	9.5	10.0	4.9	5.0
WV Retiree Health Benefit Trust Fund	18.7	17.5	17.2	17.5	44.7	45.0	0.0	0.0	0.0	0.0	19.4	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	26.8	25.0	23.6	25.0	26.7	27.0	10.0	10.0	3.0	3.0	9.7	10.0	0.2	0.0
Prepaid Tuition Trust	33.6	32.9	16.2	16.1	48.9	51.0	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	10.5	10.0	9.8	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	38.3	35.0	27.6	30.0	34.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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, 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.