

West Virginia Board of Treasury Investments

Monthly Flash Report

Period Ending November 30, 2024

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Market Environment – November 2024

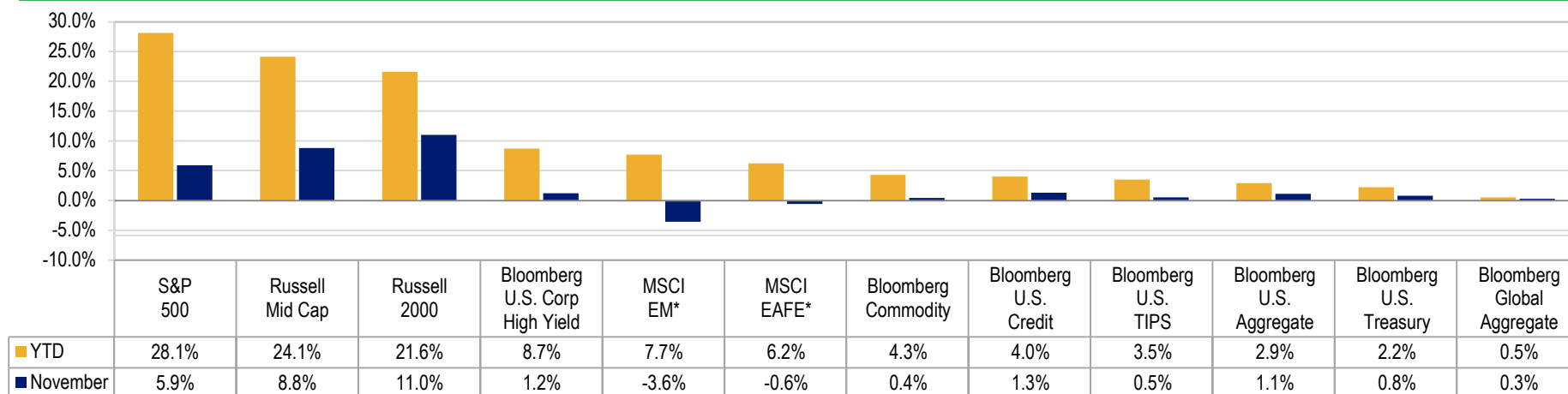
November Highlights

- Economic numbers indicate the Fed may still have work to do as unemployment ticked higher to 4.2% with a higher than expected 227,000 jobs were added in November according to the BLS. Prior monthly job estimates were revised upwards by a combined 39,000 jobs. The consumer price index (CPI) increased again by 0.2% month-on-month in October with annual inflation higher at 2.6%.
- US stocks surged higher across the spectrum of size and style. Consumer discretionary (+13.3%) led all S&P 500 sectors for the month, while healthcare (+0.3%) was the worst performing sector for a second consecutive month.
- Developed global stocks had mixed results with the Pacific (+1.4%) ahead of Europe (-1.7%). Emerging market stocks were mostly negative with EMEA (-1.7%) ahead of Asia (-3.7%) and Latin America (-5.5%).
- Bond prices rose as yields declined more in the middle and long-end of the curve. The 10-year Treasury yield fell 19 basis points to 4.18%. All U.S. bond sectors were positive with Long Government/Credit (+2.0%) performing best.
- Commodities had mixed results. Energy (+3.7%) and agriculture (+1.9%) were the major subsectors in positive territory, while precious metals (-3.8%) was the worst performing subsector.

2024 Highlights

- Global equity markets performance remains positive based on resilient economic data. The Fed cut rates again by a smaller 25 basis point increment in November to a targeted range of 4.50%-4.75%. Annualized US GDP growth slowed to 2.8% in Q3.
- US mega cap stocks have dominated headlines with communication services (+35.4%) and information technology (+35.0%) leading most of the way, but a late surge has financials (+38.1%) as the top performing S&P 500 sector YTD.
- Non-U.S. developed market stocks remain positive and are led by a handful of mega cap stocks. Japan's Nikkei index finally set a new high at a level last reached in 1989. Emerging markets remained volatile with broad stimulus actions by China to reverse recent economic weakness.
- Most fixed income sector returns are positive for the year with divergent interest rate yield curve movements. Anticipated interest rate cuts have been reduced as economic conditions remain strong and inflation elevated. Most sectors are positive for the year with high yield (+8.7%) leading the way.
- Commodities remained volatile this year with performance dispersion across major subsectors, including precious metals (+28.1%), industrial metals (+6.8%), energy (-5.0%) and agriculture (-5.1%).

Returns



*Net dividends reinvested

West Virginia Board of Treasury Investments

Comparative Performance - Gross of Fees

As of November 30, 2024

	Allocation		Performance (%)				
	Market Value (\$)	% of Portfolio	1 Month	FYTD	1 Year	3 Years	5 Years
Total Composite	10,589,161,692	100.0					
Money Market Pool*	9,338,770,127	88.2	0.392	2.255	5.594	4.105	2.649
<i>Custom Money Market Pool Index**</i>			0.355	1.938	4.884	3.499	2.207
Federated Hermes - Money Market	4,667,788,457	44.1	0.391	2.256	5.602	4.113	2.658
UBS - Money Market	4,670,981,670	44.1	0.394	2.254	5.587	4.096	2.639
Government Money Market Pool	544,764,318	5.1	0.400	2.188	5.438	3.910	2.480
<i>Custom Government Money Market Pool Index***</i>			0.363	1.973	4.947	3.531	2.194
UBS - Government	544,764,318	5.1	0.400	2.188	5.438	3.910	2.480
Short-Term Bond Pool	705,627,246	6.7	0.462	3.061	6.431	2.507	2.380
<i>Short-Term Bond Pool Index****</i>			0.338	2.762	5.538	1.640	1.695
Sterling - Short-Term Bond	705,627,246	6.7	0.462	3.061	6.431	2.507	2.380

*The West Virginia Money Market Pool is a multi manager investment pool, which is managed by Federated Hermes and UBS Global Asset Management.

** Benchmark is iMoneyNet First Tier Retail Average as of 8/1/2021.

*** Benchmark is iMoneyNet Government & Agency Institutional Average as of 8/1/2021.

**** Benchmark is BofA Merrill Lynch 1-3 Year Government/Credit Index + 10 bps.

West Virginia Board of Treasury Investments

Comparative Performance - Net of Fees

As of November 30, 2024

	Allocation		Performance (%)				
	Market Value (\$)	% of Portfolio	1 Month	FYTD	1 Year	3 Years	5 Years
Total Composite	10,589,161,692	100.0					
Money Market Pool*	9,338,770,127	88.2	0.390	2.241	5.563	4.074	2.619
<i>Custom Money Market Pool Index**</i>			0.355	1.938	4.884	3.499	2.207
Federated Hermes - Money Market	4,667,788,457	44.1	0.388	2.243	5.572	4.085	2.630
UBS - Money Market	4,670,981,670	44.1	0.391	2.240	5.554	4.063	2.607
Government Money Market Pool	544,764,318	5.1	0.398	2.175	5.407	3.879	2.448
<i>Custom Government Money Market Pool Index***</i>			0.363	1.973	4.947	3.531	2.194
UBS - Government	544,764,318	5.1	0.398	2.175	5.407	3.879	2.448
Short-Term Bond Pool	705,627,246	6.7	0.458	3.035	6.367	2.446	2.320
<i>Short-Term Bond Pool Index****</i>			0.338	2.762	5.538	1.640	1.695
Sterling - Short-Term Bond	705,627,246	6.7	0.458	3.035	6.367	2.446	2.320

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West Virginia Board of Treasury Investments

Investment Managers Cash Flow

1 Month Ending November 30, 2024

	Beginning Market Value (\$)	Net Cash Flows (\$)	Net Investment Change (\$)	Ending Market Value (\$)
Total Composite	10,795,404,536	-248,908,240	42,665,395	10,589,161,692
Money Market Pool	9,529,333,109	-227,684,113	37,121,132	9,338,770,127
Federated Hermes - Money Market	4,763,137,309	-113,842,057	18,493,205	4,667,788,457
UBS - Money Market	4,766,195,800	-113,842,057	18,627,927	4,670,981,670
Government Money Market Pool - UBS	563,850,764	-21,383,126	2,296,680	544,764,318
Short-Term Bond Pool - Sterling Capital	702,220,663	159,000	3,247,583	705,627,246