



West Virginia Board of Treasury Investments

Monthly Flash Report

Period Ending October 31, 2024

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Market Environment – October 2024

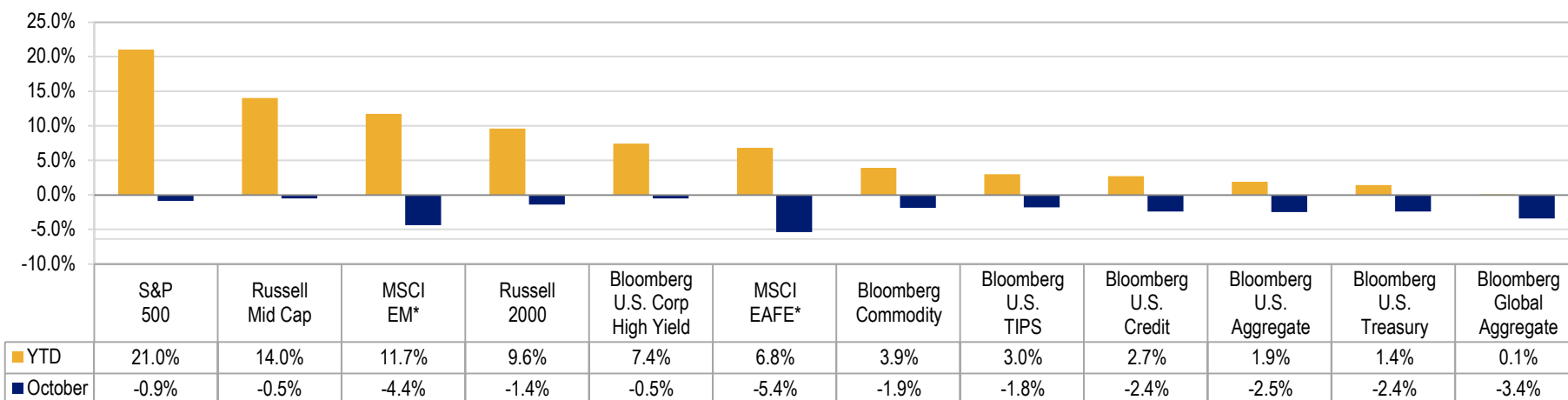
October Highlights

- Unemployment held at 4.1% as the BLS indicated 12,000 jobs were added in October compared to expectations for about 110,000 jobs that may have been impacted by hurricanes. Prior monthly job estimates reversed downwards by a combined 112,000 jobs. The consumer price index (CPI) increased by 0.2% month-on-month in September with annual inflation lower at 2.4%.
- US stocks were mostly negative across the spectrum of size and style. Financials (+2.7%) led all S&P 500 sectors for the month, while healthcare (-4.6%) was the largest sector detractor.
- Developed global stocks were all negative with the Pacific (-4.7%) barely ahead of Europe (-5.9%). Emerging market stocks were also negative with EMEA (-3.2%) ahead of Asia (-4.6%) and Latin America (-5.1%).
- Bond prices declined as yields rose aggressively by approximately half a percentage point in the middle and long-end of the curve. The 10-year Treasury yield rose 54 basis points to 4.3%. All U.S. bond sectors were negative except for the 3-month T-Bill (+0.4%).
- Commodities generally declined. Precious metals (+4.0%) were the only major subsector in positive territory, while energy (-4.4%) was the most negative subsector.

2024 Highlights

- Global equity markets performance remains positive based on resilient economic data and diverging central bank interest rate movement expectations. The Fed finally cut rates in September to a targeted range of 4.75%-5.0%. Annualized US GDP growth slowed to 2.8% in Q3. US mega cap stocks have dominated headlines with communication services (+31.3%) and information technology (+29.0%) leading the way upwards.
- Non-U.S. developed market stocks remain positive and 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 recently surged due to broad stimulus actions by China to reverse recent economic weakness.
- Most fixed income sector returns are positive for the year as decreasing bond yields inversely impact bond prices. Anticipated interest rate cuts have been reduced as economic conditions remain strong and inflation elevated. All sectors are positive for the year, except for 30-year Treasuries (-4.1%).
- Commodities remained volatile this year with widely divergent performance across major subsectors, including precious metals (+33.4%), industrial metals (+8.1%), agriculture (-6.8%) and energy (-8.3%).

Returns



*Net dividends reinvested

West Virginia Board of Treasury Investments

Comparative Performance - Gross of Fees

As of October 31, 2024

	Allocation		Performance (%)				
	Market Value (\$)	% of Portfolio	1 Month	FYTD	1 Year	3 Years	5 Years
Total Composite	10,795,404,536	100.0					
Money Market Pool*	9,529,333,109	88.3	0.404	1.856	5.676	3.971	2.601
<i>Custom Money Market Pool Index**</i>			0.369	1.577	4.945	3.377	2.160
Federated Hermes - Money Market	4,763,137,309	44.1	0.392	1.858	5.688	3.979	2.610
UBS - Money Market	4,766,195,800	44.2	0.415	1.853	5.663	3.962	2.592
Government Money Market Pool	563,850,764	5.2	0.409	1.781	5.490	3.773	2.427
<i>Custom Government Money Market Pool Index***</i>			0.377	1.604	5.000	3.406	2.144
UBS - Government	563,850,764	5.2	0.409	1.781	5.490	3.773	2.427
Short-Term Bond Pool	702,220,663	6.5	-0.438	2.587	7.288	2.314	2.296
<i>Short-Term Bond Pool Index****</i>			-0.532	2.416	6.389	1.520	1.629
Sterling - Short-Term Bond	702,220,663	6.5	-0.438	2.587	7.288	2.314	2.296

*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 October 31, 2024

	Allocation		Performance (%)				
	Market Value (\$)	% of Portfolio	1 Month	FYTD	1 Year	3 Years	5 Years
Total Composite	10,795,404,536	100.0					
Money Market Pool*	9,529,333,109	88.3	0.401	1.845	5.644	3.940	2.571
<i>Custom Money Market Pool Index**</i>			0.369	1.577	4.945	3.377	2.160
Federated Hermes - Money Market	4,763,137,309	44.1	0.390	1.847	5.658	3.951	2.582
UBS - Money Market	4,766,195,800	44.2	0.413	1.842	5.630	3.930	2.559
Government Money Market Pool	563,850,764	5.2	0.407	1.771	5.458	3.742	2.395
<i>Custom Government Money Market Pool Index***</i>			0.377	1.604	5.000	3.406	2.144
UBS - Government	563,850,764	5.2	0.407	1.771	5.458	3.742	2.395
Short-Term Bond Pool	702,220,663	6.5	-0.443	2.566	7.224	2.253	2.236
<i>Short-Term Bond Pool Index****</i>			-0.532	2.416	6.389	1.520	1.629
Sterling - Short-Term Bond	702,220,663	6.5	-0.443	2.566	7.224	2.253	2.236

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West Virginia Board of Treasury Investments

Investment Managers Cash Flow

1 Month Ending October 31, 2024

	Beginning Market Value (\$)	Net Cash Flows (\$)	Net Investment Change (\$)	Ending Market Value (\$)
Total Composite	10,959,062,853	-201,397,148	37,738,831	10,795,404,536
Money Market Pool	9,717,141,827	-226,381,726	38,573,008	9,529,333,109
Federated Hermes - Money Market	4,857,592,619	-113,190,863	18,735,553	4,763,137,309
UBS - Money Market	4,859,549,208	-113,190,863	19,837,455	4,766,195,800
Government Money Market Pool - UBS	536,612,436	24,984,578	2,253,750	563,850,764
Short-Term Bond Pool - Sterling Capital	705,308,590		-3,087,927	702,220,663